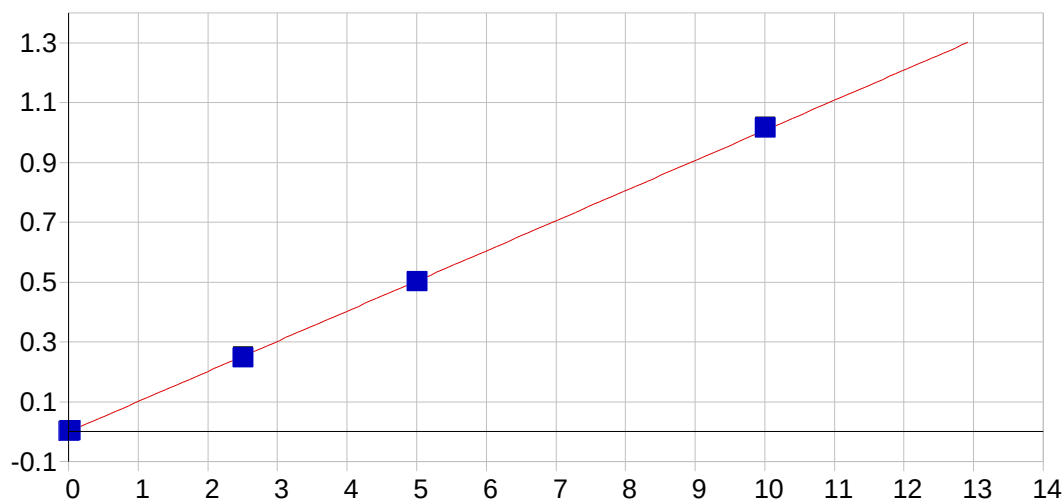




As 189.042 {478}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000251

Re-Slope: 1.000000

A1 (Gain): 0.100747

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

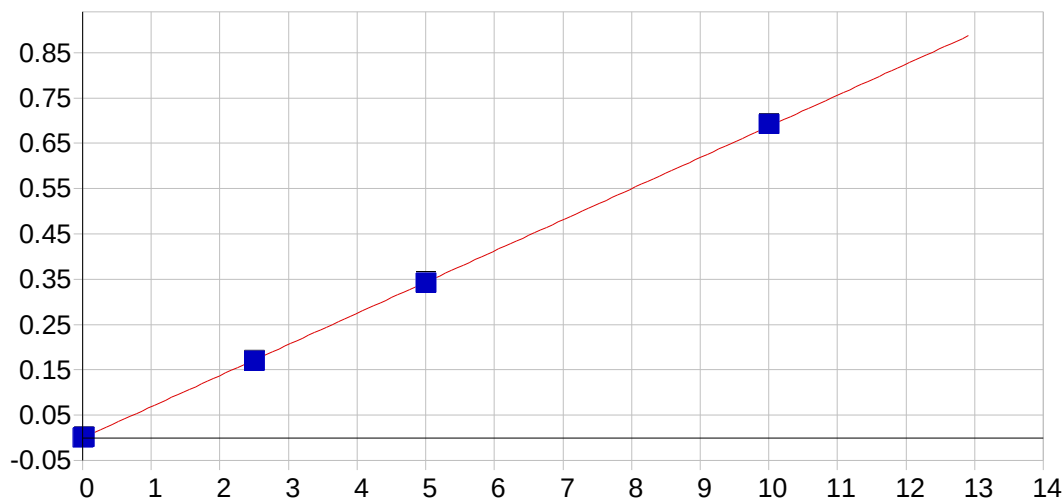
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.002207

Predicted MQL: 0.007357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.02000	.01968	-.000	-1.61	.00173	.000	1
S3	2.5000	2.4581	-.042	-1.68	.24738	.001	1
S4	5.0000	4.9718	-.028	-.564	.50061	.001	1
S5	10.000	10.070	.070	.704	1.0142	.002	1



As 189.042 {479}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

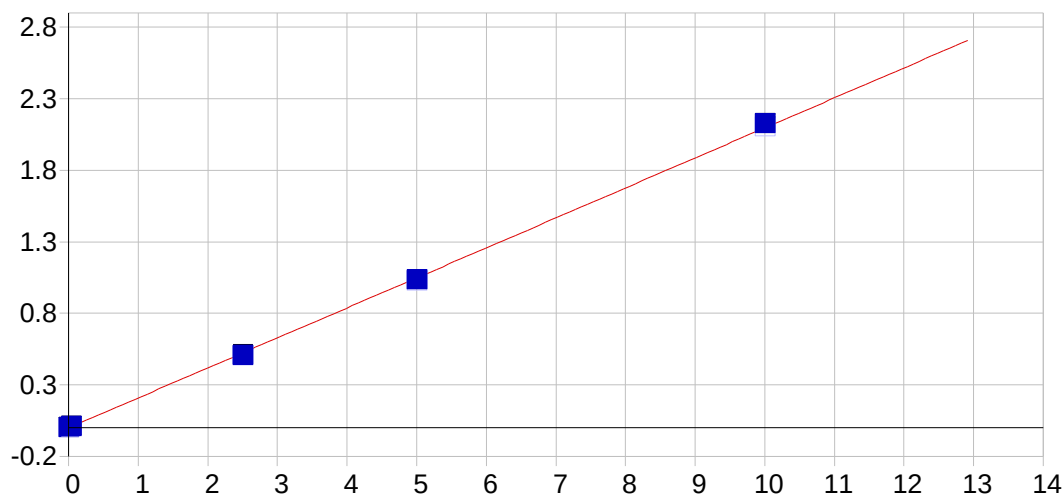
Weighting: 1/Conc

A0 (Offset): -0.000128

Re-Slope: 1.000000

A1 (Gain): 0.068725 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002101
 Predicted MQL: 0.007003

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.02000	.02214	.002	10.7	.00139	.000	1
S3	2.5000	2.4617	-.038	-1.53	.16906	.001	1
S4	5.0000	4.9720	-.028	-.559	.34158	.002	1
S5	10.000	10.064	.064	.641	.69153	.001	1

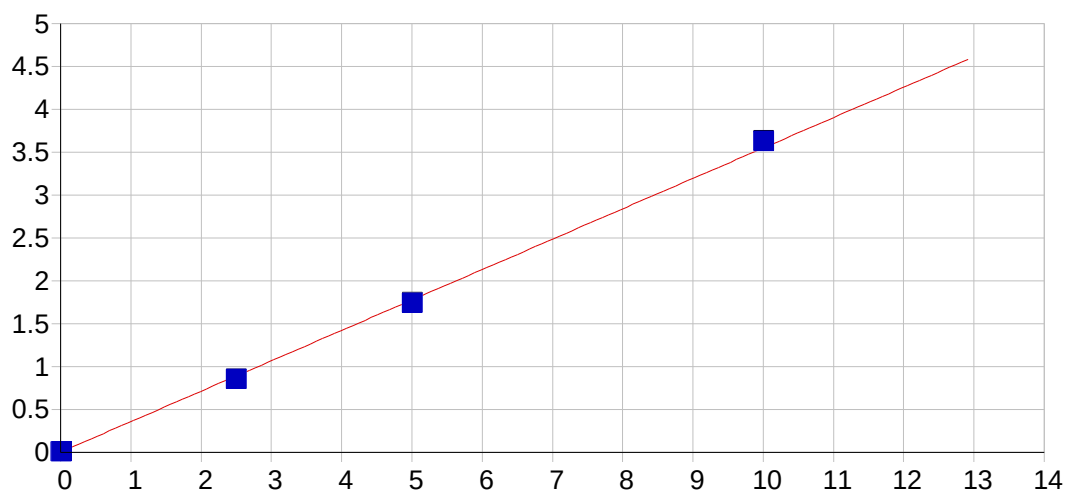


TI 190.856 {477}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000661 Re-Slope: 1.000000
 A1 (Gain): 0.209717 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000893
 Predicted MQL: 0.002976

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00066	.000	1
S1	.04000	.04141	.001	3.53	.00780	.000	1
S3	2.5000	2.4272	-.073	-2.91	.50299	.001	1
S4	5.0000	4.9388	-.061	-1.22	1.0243	.000	1
S5	10.000	10.133	.133	1.33	2.1028	.002	1

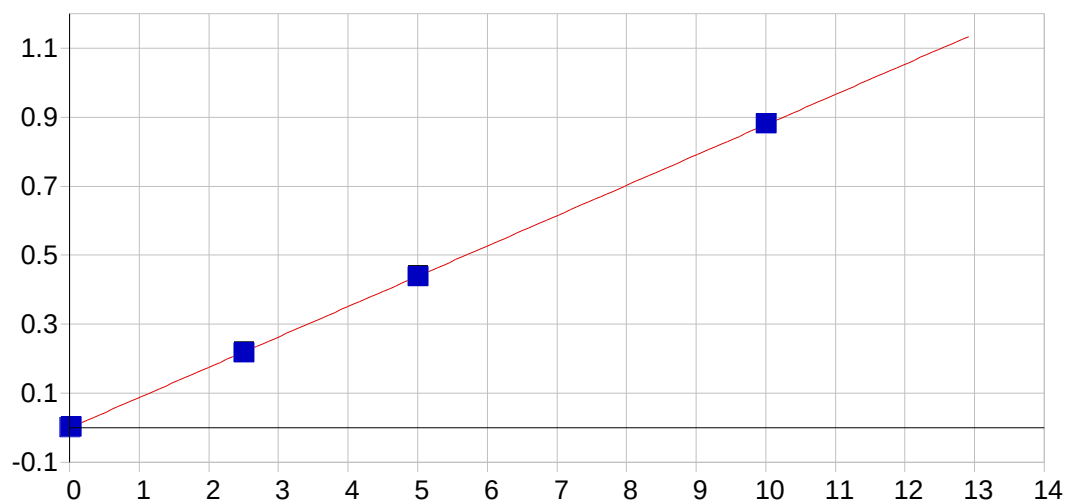


Pb 220.353 {453}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004677 Re-Slope: 1.000000
 A1 (Gain): 0.354461 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.000806
 Predicted MQL: 0.002688

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00468	.000	1
S1	.01200	.01257	.001	4.73	.00905	.000	1
S3	2.5000	2.3851	-.115	-4.59	.84891	.003	1
S4	5.0000	4.9028	-.097	-1.94	1.7401	.004	1
S5	10.000	10.211	.211	2.11	3.6194	.008	1



Se 196.090 {472}

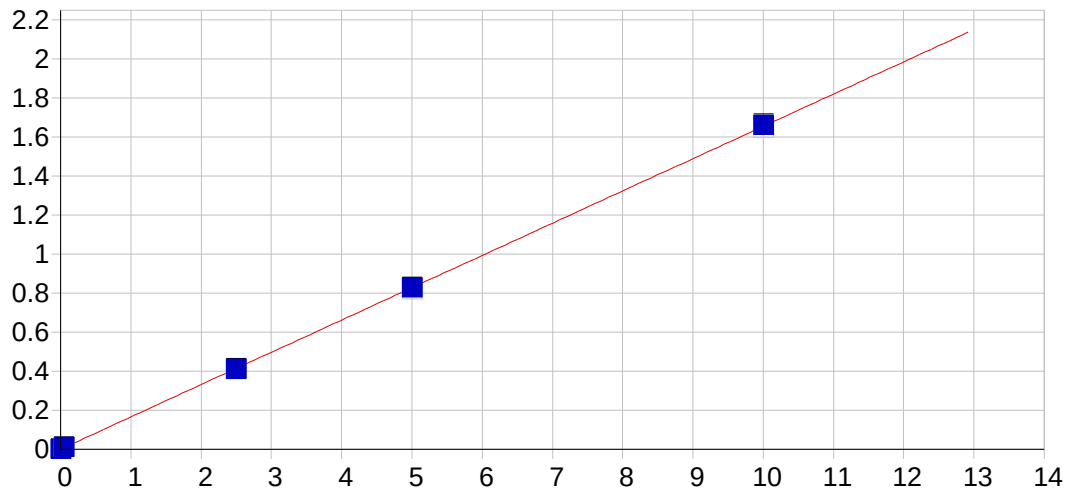
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000231 Re-Slope: 1.000000
 A1 (Gain): 0.087838 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000010
 Predicted MDL: 0.002275
 Predicted MQL: 0.007582

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.02000	.02188	.002	9.41	.00169	.000	1
S3	2.5000	2.4804	-.020	-.783	.21760	.001	1
S4	5.0000	4.9946	-.005	-.108	.43839	.001	1
S5	10.000	10.023	.023	.231	.87998	.001	1



Sb 206.833 {463}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

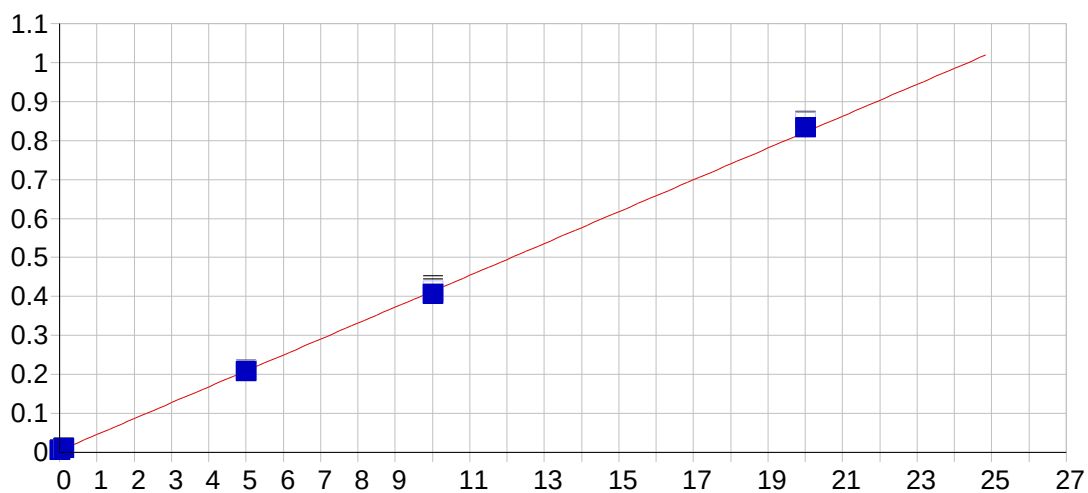
Weighting: 1/Conc

A0 (Offset): 0.000888
 A1 (Gain): 0.165416
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000053
 Predicted MDL: 0.001469
 Predicted MQL: 0.004897

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	.00089	.000	1
S1	.05000	.05652	.007	13.0	.01003	.000	1
S3	2.5000	2.4762	-.024	-.953	.40584	.002	1
S4	5.0000	4.9857	-.014	-.286	.81630	.003	1
S5	10.000	10.032	.032	.317	1.6417	.005	1

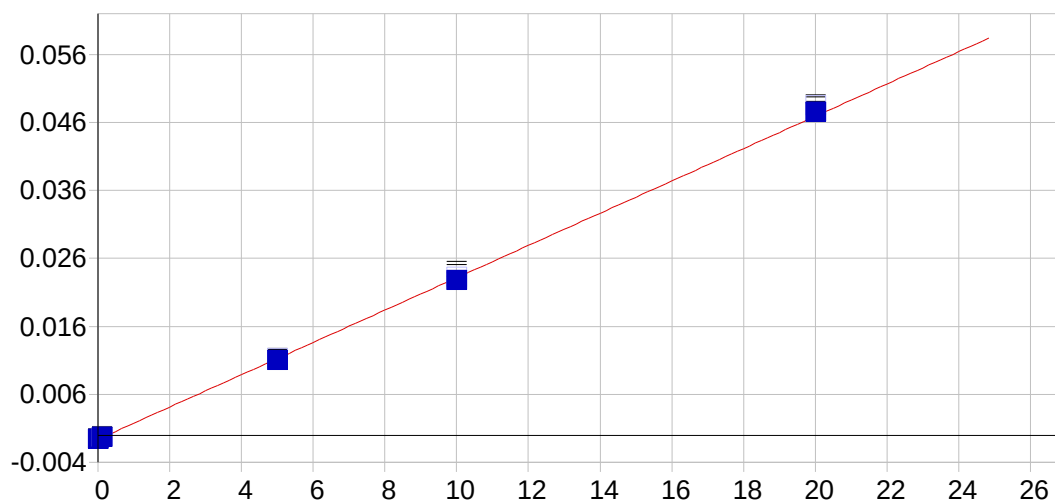


AI 308.215 {109}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004801 Re-Slope: 1.000000
 A1 (Gain): 0.040844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.002480
 Predicted MQL: 0.008266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00480	.000	1
S1	.10000	.11444	.014	14.4	.00976	.000	1
S3	5.0000	4.9333	-.067	-1.33	.21036	.000	1
S4	10.000	9.8085	-.191	-1.91	.41355	.013	1
S5	20.000	20.243	.243	1.21	.84787	.001	1



AI 309.271 {109}

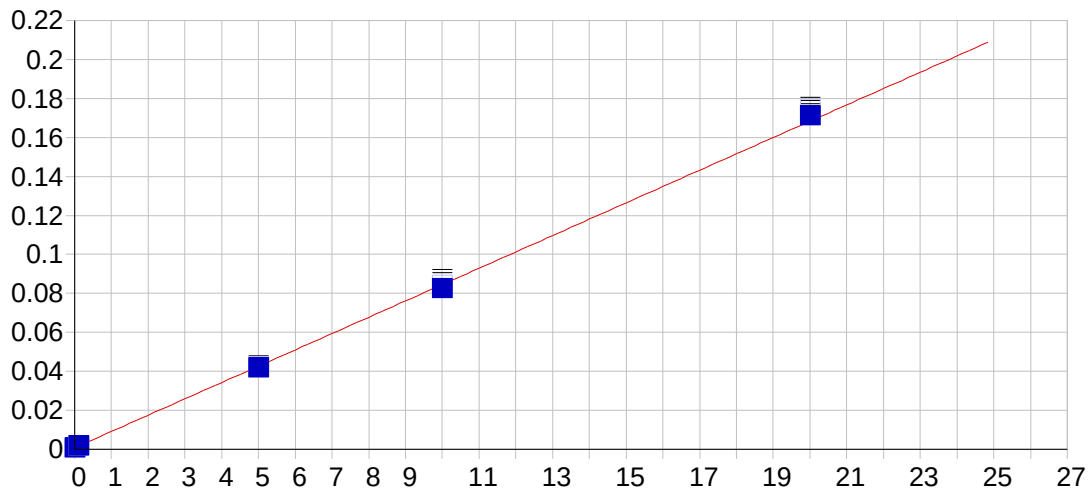
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000622 Re-Slope: 1.000000
 A1 (Gain): 0.002376 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999751
 Std Error of Est: 0.000004
 Predicted MDL: 0.028671
 Predicted MQL: 0.095571

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00062	.000	1
S1	.10000	.13205	.032	32.1	-.00029	.000	1
S3	5.0000	4.8920	-.108	-2.16	.01124	.000	1
S4	10.000	9.8349	-.165	-1.65	.02322	.001	1
S5	20.000	20.239	.239	1.20	.04842	.000	1



AI 396.152 { 85}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

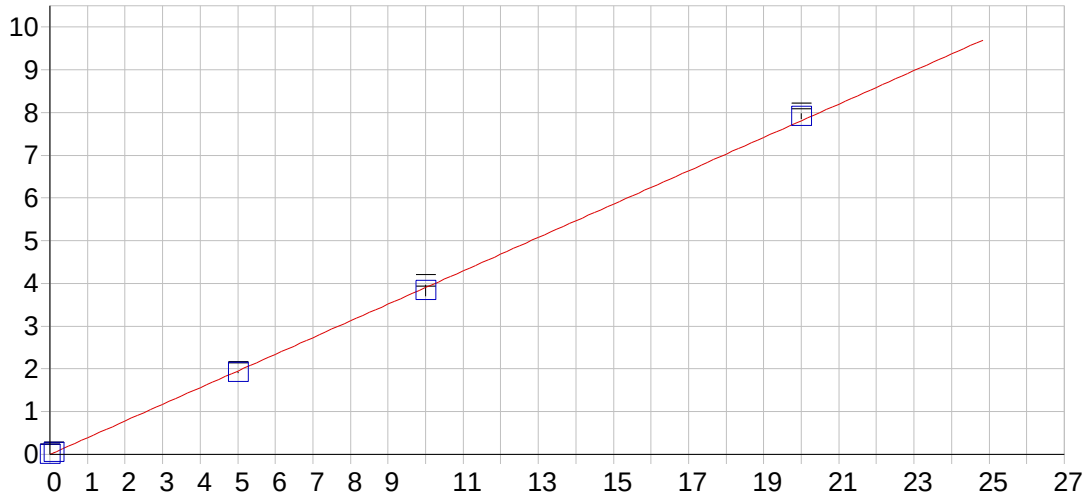
Weighting: 1/Conc

A0 (Offset): 0.000738
 A1 (Gain): 0.008379
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760
 Std Error of Est: 0.000014
 Predicted MDL: 0.012326
 Predicted MQL: 0.041087

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	.00074	.000	1
S1	.10000	.11764	.018	17.6	.00178	.000	1
S3	5.0000	4.8784	-.122	-2.43	.04245	.000	1
S4	10.000	9.7624	-.238	-2.38	.08421	.003	1
S5	20.000	20.341	.341	1.70	.17452	.001	1

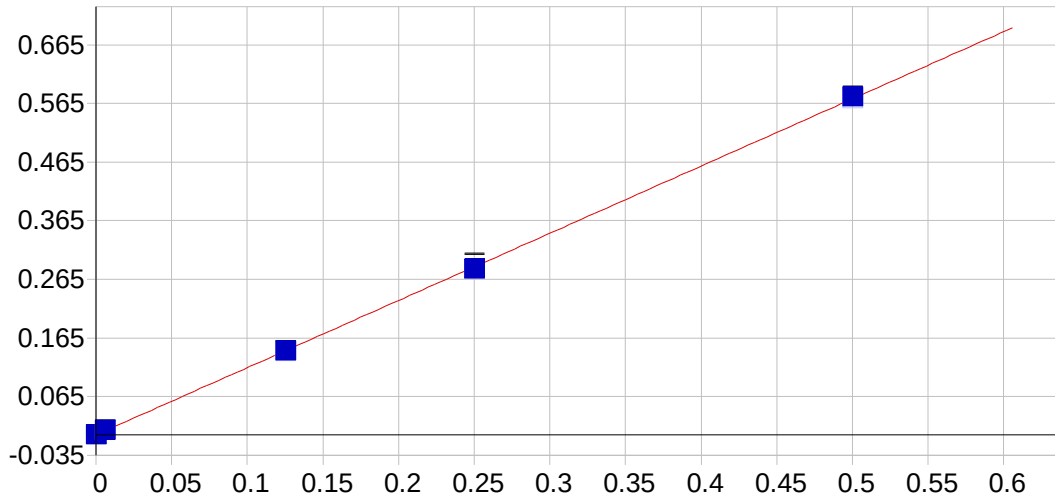


Ba 493.409 { 68}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.390432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000488
 Predicted MDL: 0.000556
 Predicted MQL: 0.001852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00039	.000	1
S1	.10000	.10771	.008	7.71	.04245	.001	1
S3	5.0000	4.9084	-.092	-1.83	1.9168	.014	1
S5	20.000	20.270	.270	1.35	7.9144	.069	1
S4	10.000	9.8140	-.186	-1.86	3.8321	.134	1



Be 234.861 {144}

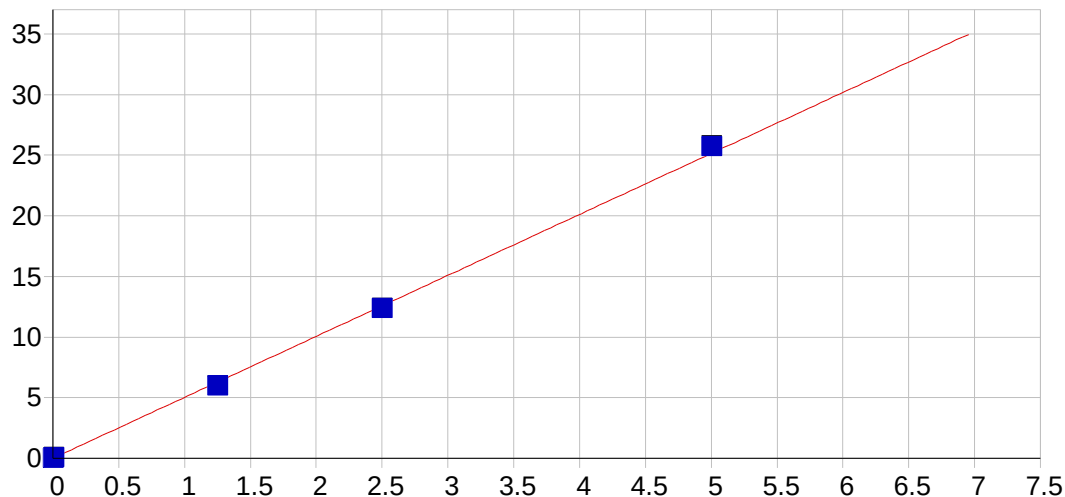
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000184 Re-Slope: 1.000000
 A1 (Gain): 1.146023 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000040
 Predicted MDL: 0.000060
 Predicted MQL: 0.000201

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.00600	.00663	.001	10.5	.00734	.000	1
S3	.12500	.12475	-.000	-.200	.14188	.000	1
S4	.25000	.24688	-.003	-1.25	.28095	.009	1
S5	.50000	.50274	.003	.548	.57236	.001	1



Cd 226.502 {449}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

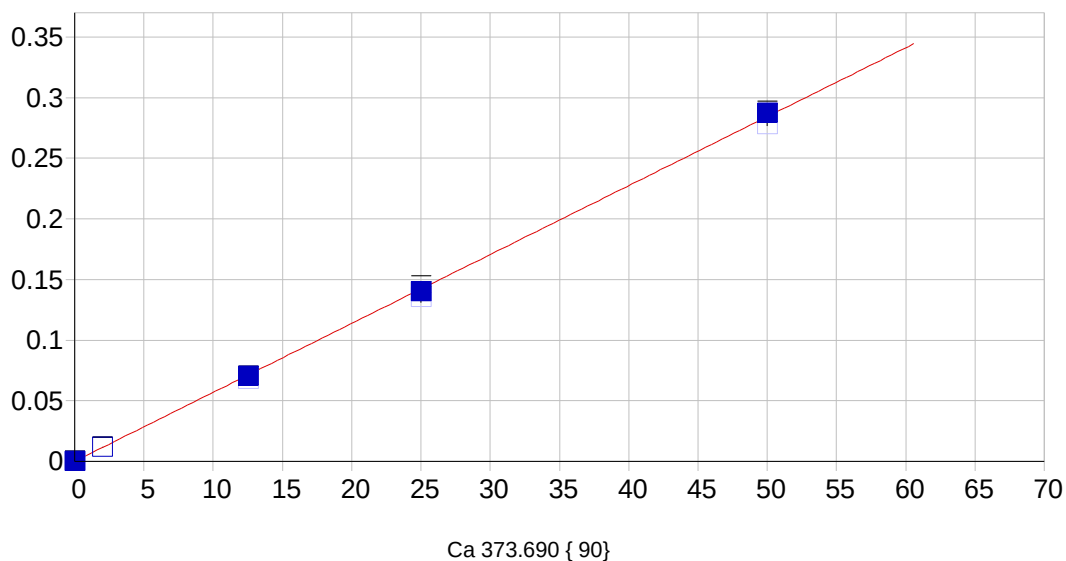
Weighting: 1/Conc

A0 (Offset): 0.000287
 A1 (Gain): 5.028339
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999603
 Std Error of Est: 0.001327
 Predicted MDL: 0.000064
 Predicted MQL: 0.000214

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

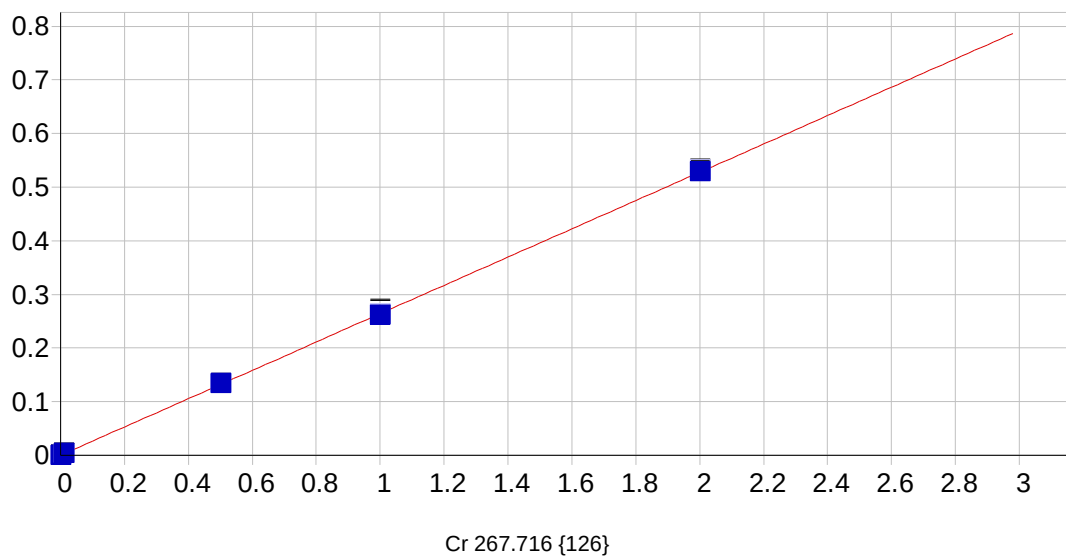
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.00600	.00601	.000	.170	.03057	.000	1
S3	1.2500	1.1835	-.066	-5.32	5.9529	.018	1
S4	2.5000	2.4533	-.047	-1.87	12.339	.030	1
S5	5.0000	5.1131	.113	2.26	25.717	.064	1



Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.005684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.014327
 Predicted MQL: 0.047755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0173	.017	.865	.01156	.000	1
S0	.00000	.00002	.000	.000	.00009	.000	1
S3	12.500	12.324	-.176	-1.41	.06777	.000	1
S4	25.000	24.622	-.378	-1.51	.13530	.005	1
S5	50.000	50.537	.537	1.07	.27786	.001	1



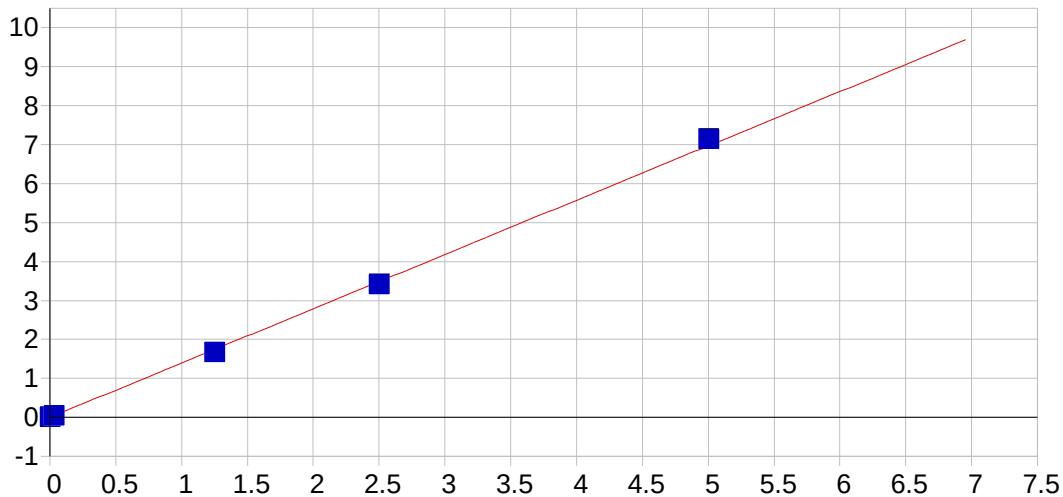
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000163 Re-Slope: 1.000000
 A1 (Gain): 0.263835 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000016
 Predicted MDL: 0.000348
 Predicted MQL: 0.001161

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.01000	.01099	.001	9.93	.00308	.000	1
S3	.50000	.50537	.005	1.07	.13454	.000	1
S4	1.0000	.99197	-.008	-.803	.26395	.008	1
S5	2.0000	2.0017	.002	.083	.53242	.001	1



Co 228.616 {447}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

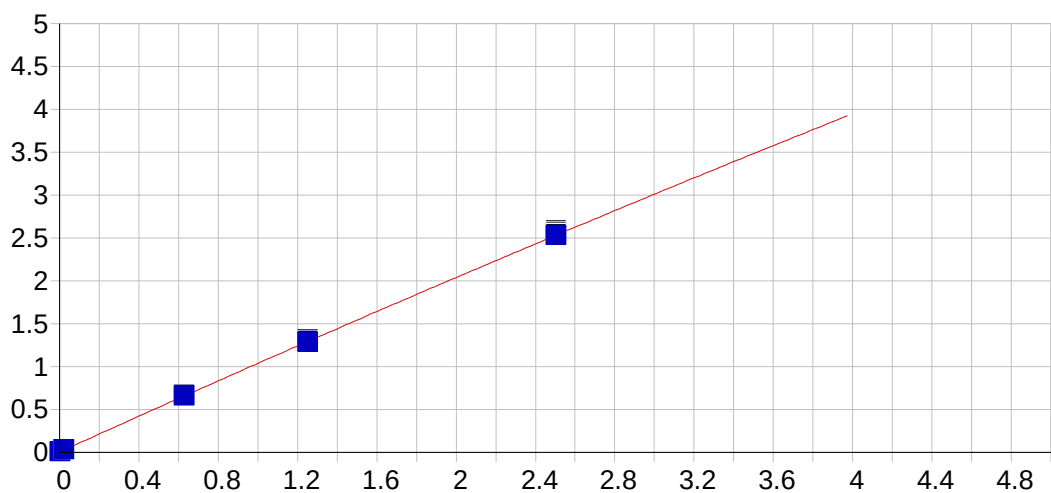
Weighting: 1/Conc

A0 (Offset): -0.000205
 A1 (Gain): 1.393596
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999601
 Std Error of Est: 0.000825
 Predicted MDL: 0.000197
 Predicted MQL: 0.000656

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	-.00020	.000	1
S1	.03000	.02954	-.000	-1.53	.04068	.000	1
S3	1.2500	1.1870	-.063	-5.04	1.6554	.004	1
S4	2.5000	2.4470	-.053	-2.12	3.4126	.010	1
S5	5.0000	5.1164	.116	2.33	7.1355	.014	1

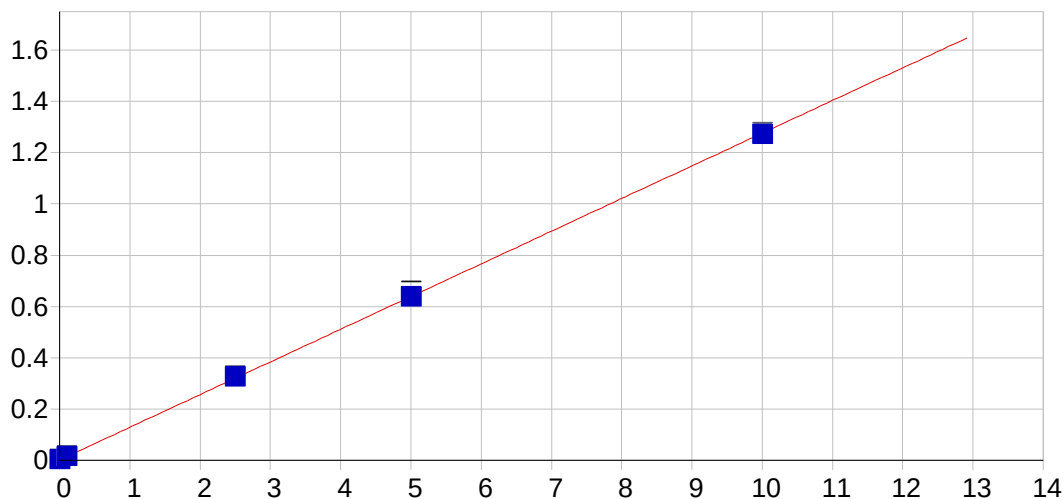


Cu 224.700 {450}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.004632 Re-Slope: 1.000000
 A1 (Gain): 1.048809 Y-int: 0.000000
 A2 (Curvature): -0.015634
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.000337
 Predicted MQL: 0.001122

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00463	.000	1
S1	.02000	.02210	.002	10.5	.02813	.000	1
S3	.62500	.62510	.000	.015	.66472	.002	1
S4	1.2500	1.2455	-.004	-.358	1.3079	.005	1
S5	2.5000	2.5023	.002	.091	2.5735	.007	1



Fe 240.488 {140}

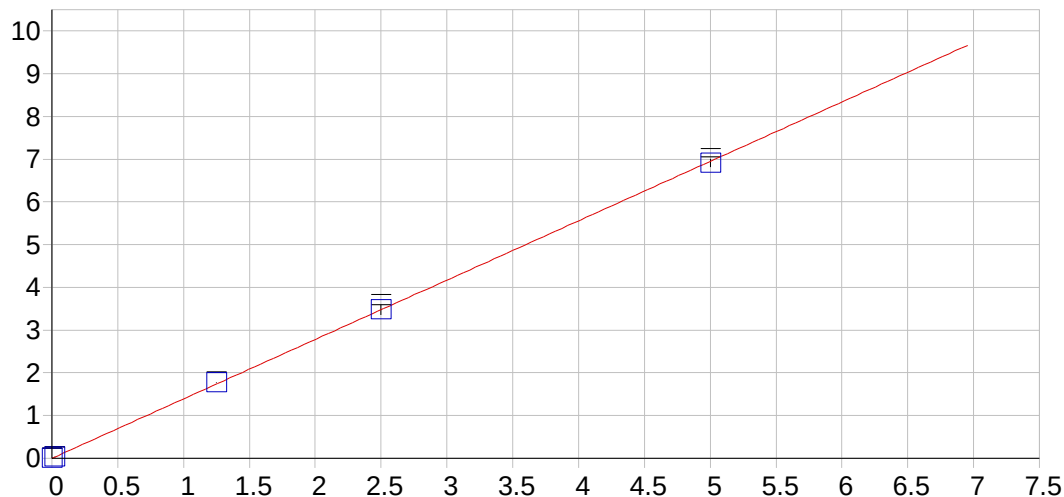
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001391 Re-Slope: 1.000000
 A1 (Gain): 0.127463 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.000088
 Predicted MDL: 0.000569
 Predicted MQL: 0.001898

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00139	.000	1
S1	.10000	.11388	.014	13.9	.01597	.000	1
S3	2.5000	2.5431	.043	1.72	.32673	.001	1
S4	5.0000	4.9815	-.018	-.369	.63873	.021	1
S5	10.000	9.9615	-.039	-.385	1.2759	.001	1



Mn 257.610 {131}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

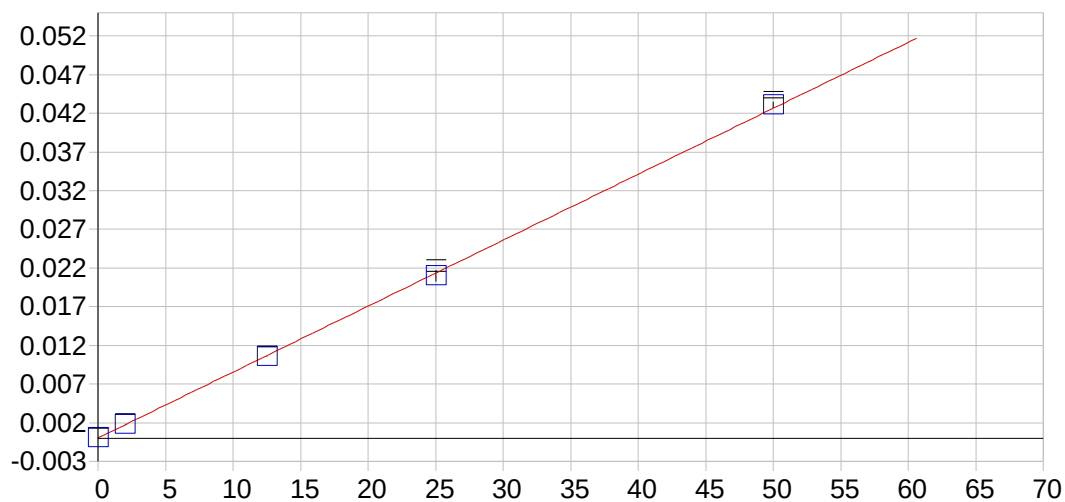
Weighting: 1/Conc

A0 (Offset): 0.000290
 A1 (Gain): 1.389891
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000284
 Predicted MDL: 0.000058
 Predicted MQL: 0.000192

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	.00029	.000	1
S1	.02000	.02344	.003	17.2	.03287	.000	1
S3	1.2500	1.2754	.025	2.03	1.7729	.004	1
S4	2.5000	2.4986	-.001	-.056	3.4731	.117	1
S5	5.0000	4.9726	-.027	-.548	6.9117	.095	1

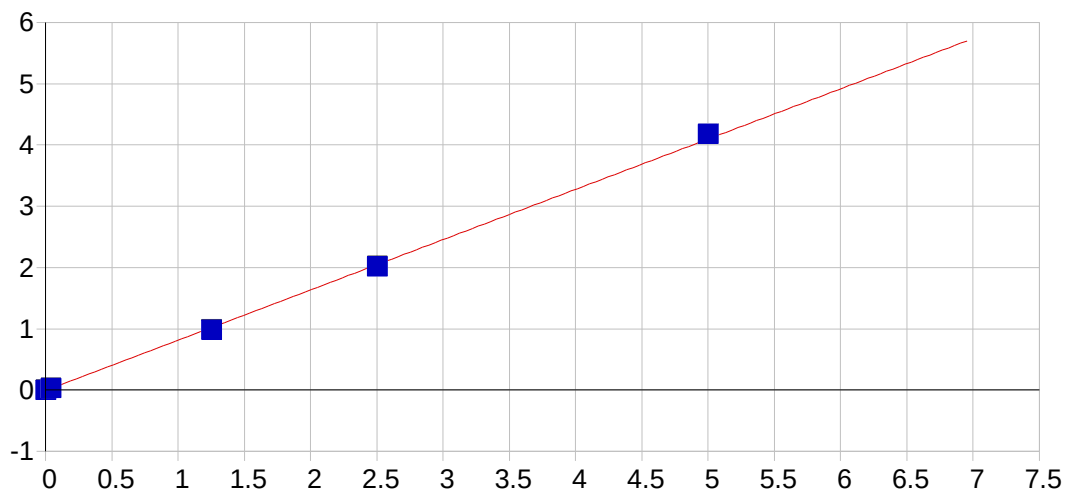


Mg 279.079 {121}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.000853 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.039745
 Predicted MQL: 0.132483

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0605	.060	3.02	.00178	.000	1
S0	.00000	-.00002	-.000	.000	.00002	.000	1
S3	12.500	12.344	-.156	-1.25	.01055	.000	1
S4	25.000	24.613	-.387	-1.55	.02101	.001	1
S5	50.000	50.482	.482	.964	.04306	.000	1



Ni 231.604 {445}

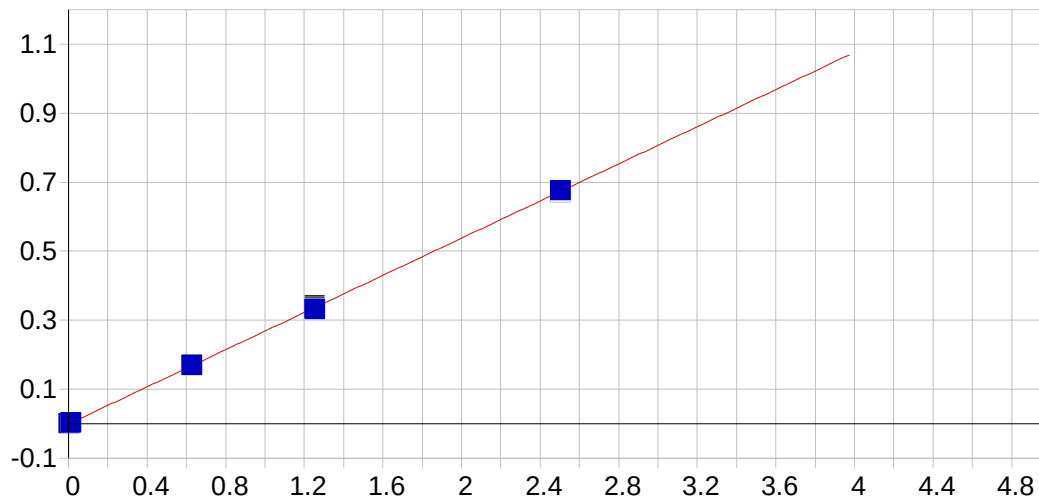
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008710 Re-Slope: 1.000000
 A1 (Gain): 0.821160 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754
 Std Error of Est: 0.000441
 Predicted MDL: 0.000359
 Predicted MQL: 0.001196

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00871	.000	1
S1	.04000	.04032	.000	.810	.02442	.000	1
S3	1.2500	1.2020	-.048	-3.84	.97941	.001	1
S4	2.5000	2.4557	-.044	-1.77	2.0101	.005	1
S5	5.0000	5.0920	.092	1.84	4.1771	.009	1



Ag 328.068 {103}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

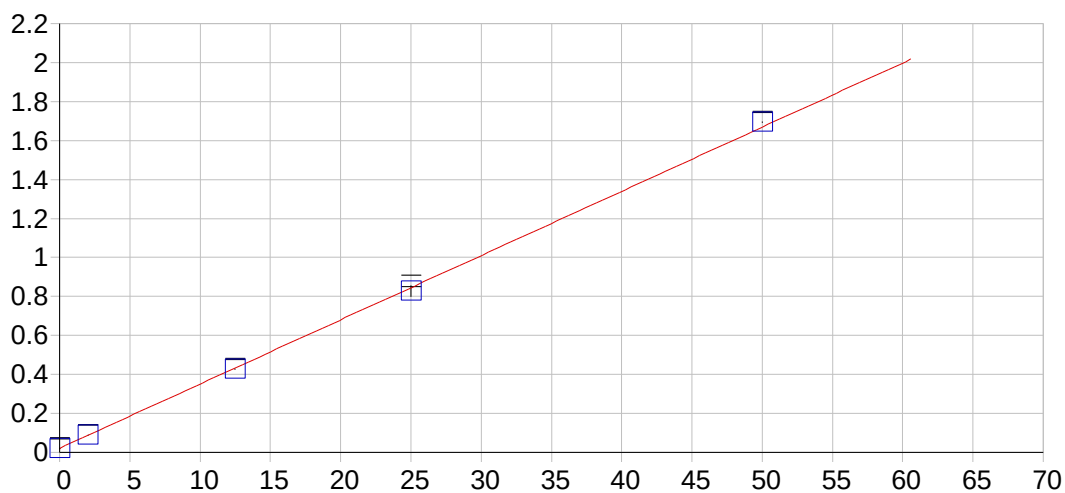
Weighting: 1/Conc

A0 (Offset): -0.000513
 A1 (Gain): 0.269190
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000020
 Predicted MDL: 0.000513
 Predicted MQL: 0.001711

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	-.00051	.000	1
S1	.01000	.01069	.001	6.88	.00231	.000	1
S3	.62500	.63020	.005	.832	.16722	.001	1
S4	1.2500	1.2343	-.016	-1.25	.32793	.010	1
S5	2.5000	2.5098	.010	.391	.66743	.001	1

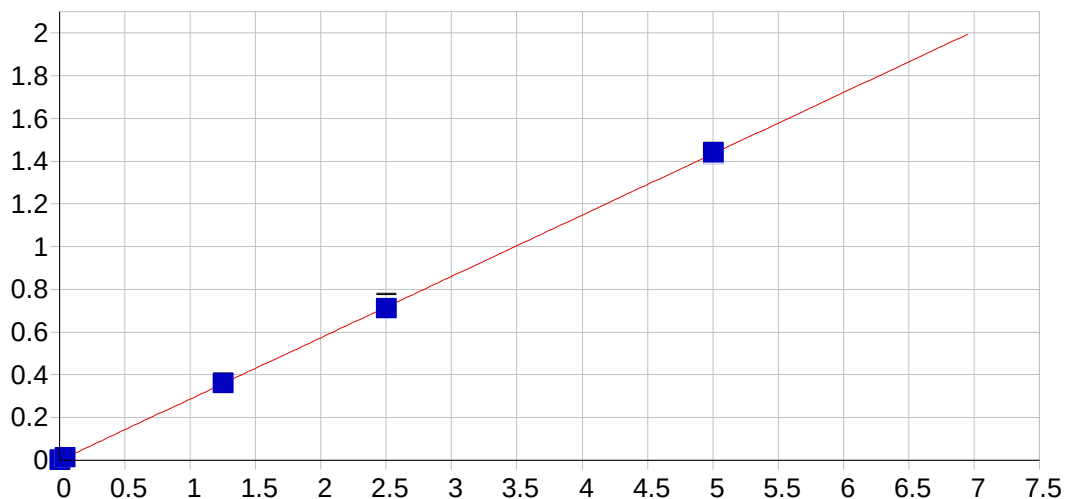


Na 589.592 { 57}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021240 Re-Slope: 1.000000
 A1 (Gain): 0.032952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000323
 Predicted MDL: 0.008097
 Predicted MQL: 0.026990

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0354	.035	1.77	.08831	.000	1
S0	.00000	.00002	.000	.000	.02124	.003	1
S3	12.500	12.275	-.225	-1.80	.42574	.003	1
S4	25.000	24.435	-.565	-2.26	.82641	.029	1
S5	50.000	50.754	.754	1.51	1.6937	.004	1



V 292.402 {115}

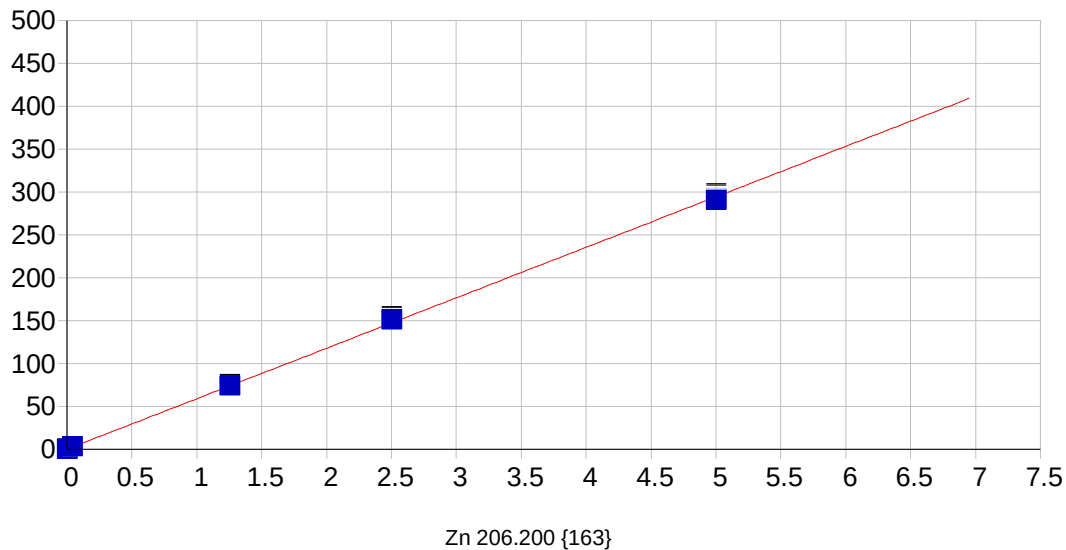
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.286904 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000055
 Predicted MDL: 0.000367
 Predicted MQL: 0.001222

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.04000	.04337	.003	8.42	.01234	.000	1
S3	1.2500	1.2537	.004	.297	.35743	.001	1
S4	2.5000	2.4770	-.023	-.919	.70606	.022	1
S5	5.0000	5.0159	.016	.318	1.4298	.000	1



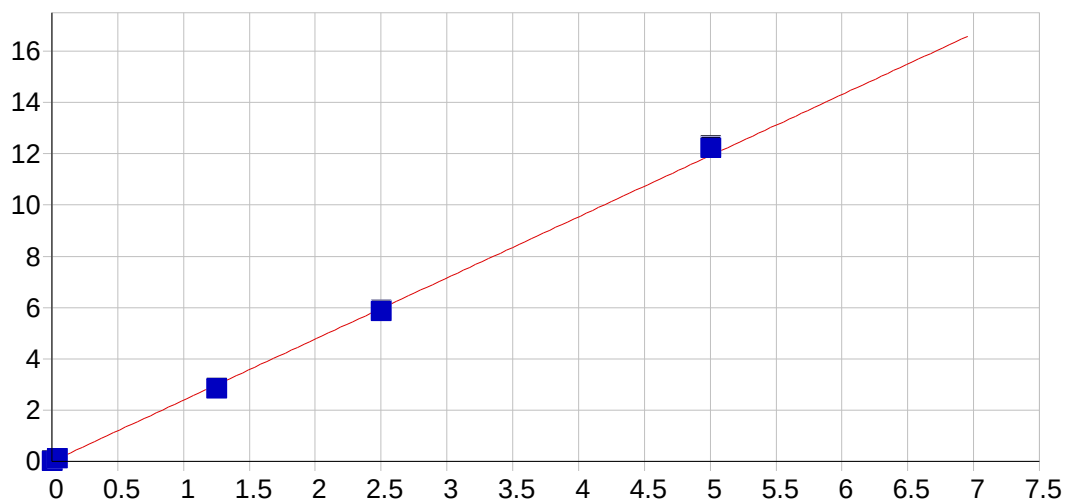
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.151908
 A1 (Gain): 58.847421
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839
 Std Error of Est: 0.025673
 Predicted MDL: 0.000350
 Predicted MQL: 0.001167

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	.15161	.013	1
S1	.04000	.04463	.005	11.6	2.7936	.182	1
S3	1.2500	1.2475	-.002	-.197	74.011	1.44	1
S4	2.5000	2.5614	.061	2.46	151.77	2.75	1
S5	5.0000	4.9364	-.064	-1.27	292.43	5.65	1

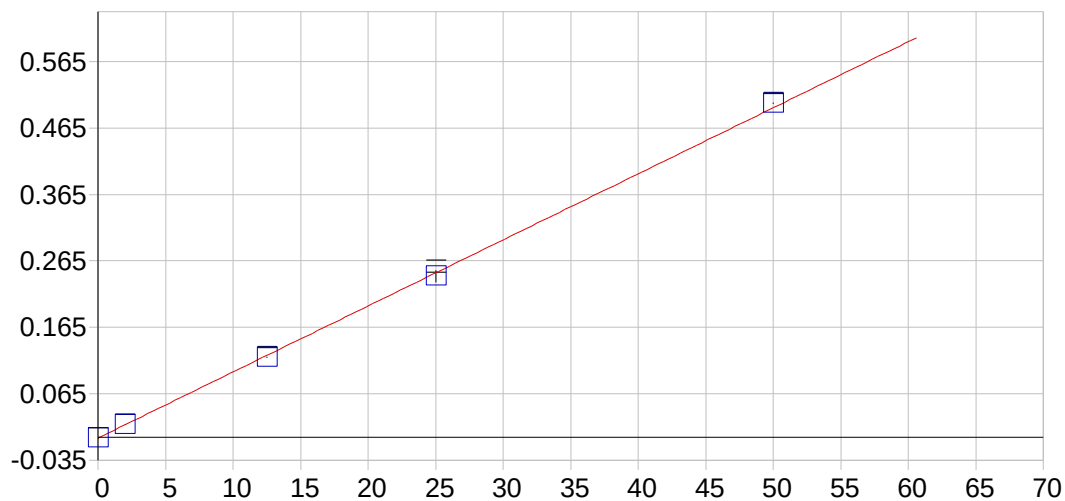


Zn 213.856 {458}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002289 Re-Slope: 1.000000
 A1 (Gain): 2.384358 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999577 Status: OK.
 Std Error of Est: 0.001689
 Predicted MDL: 0.000087
 Predicted MQL: 0.000291

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00229	.000	1
S1	.04000	.04089	.001	2.22	.10044	.000	1
S3	1.2500	1.1811	-.069	-5.51	2.8376	.007	1
S4	2.5000	2.4508	-.049	-1.97	5.8838	.017	1
S5	5.0000	5.1172	.117	2.34	12.280	.030	1



K 766.490 {44}

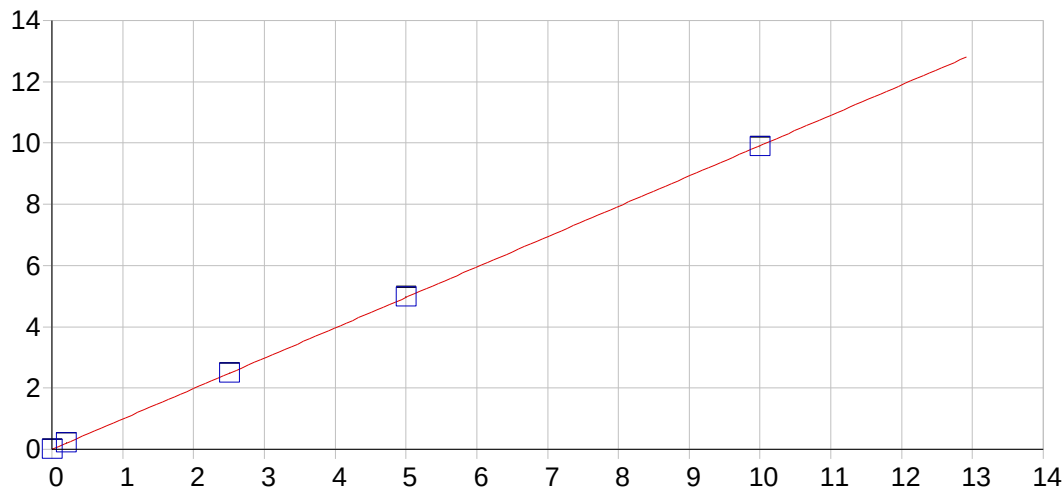
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001448 Re-Slope: 1.000000
 A1 (Gain): 0.009936 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000092
 Predicted MDL: 0.030005
 Predicted MQL: 0.100016

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0289	.029	1.44	.01871	.000	1
S0	.00000	.00002	.000	.000	-.00145	.000	1
S3	12.500	12.238	-.262	-2.10	.12015	.001	1
S4	25.000	24.516	-.484	-1.94	.24214	.009	1
S5	50.000	50.717	.717	1.43	.50247	.001	1



Mo 202.030 {467}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

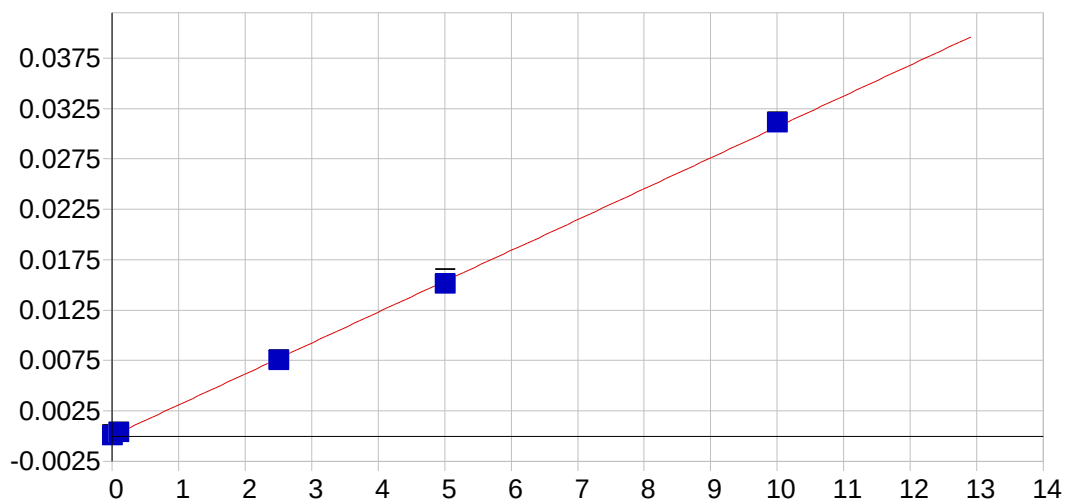
Weighting: 1/Conc

A0 (Offset): 0.000315
 A1 (Gain): 0.991392
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000706
 Predicted MDL: 0.000226
 Predicted MQL: 0.000755

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	.00030	.000	1
S1	.20000	.21621	.016	8.11	.21467	.000	1
S3	2.5000	2.5057	.006	.226	2.4844	.004	1
S4	5.0000	5.0162	.016	.323	4.9733	.012	1
S5	10.000	9.9620	-.038	-.380	9.8765	.011	1

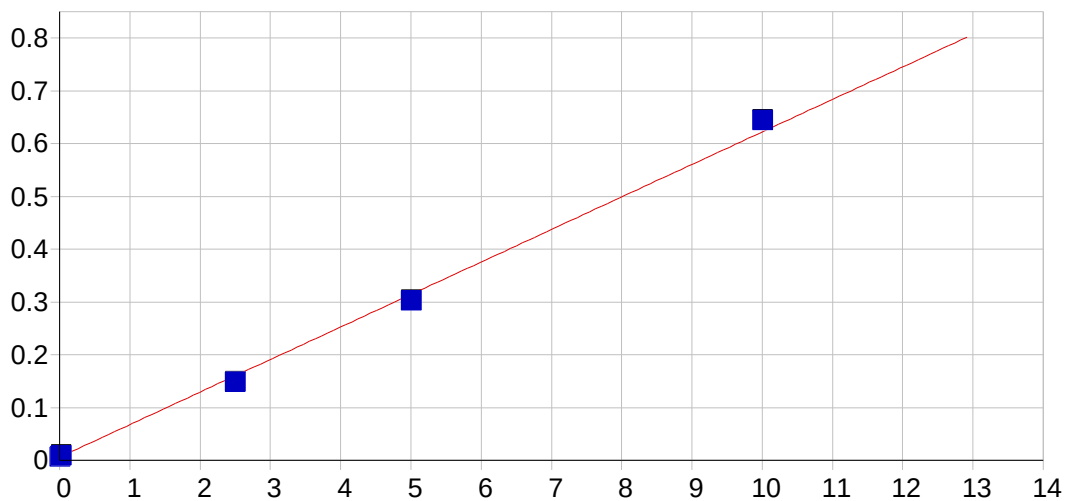


B 249.678 {135}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.003065 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.009718
 Predicted MQL: 0.032394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.10000	.10410	.004	4.10	.00035	.000	1
S3	2.5000	2.4407	-.059	-2.37	.00749	.000	1
S4	5.0000	4.9205	-.080	-1.59	.01508	.000	1
S5	10.000	10.135	.135	1.35	.03102	.000	1



S 182.034 {485}

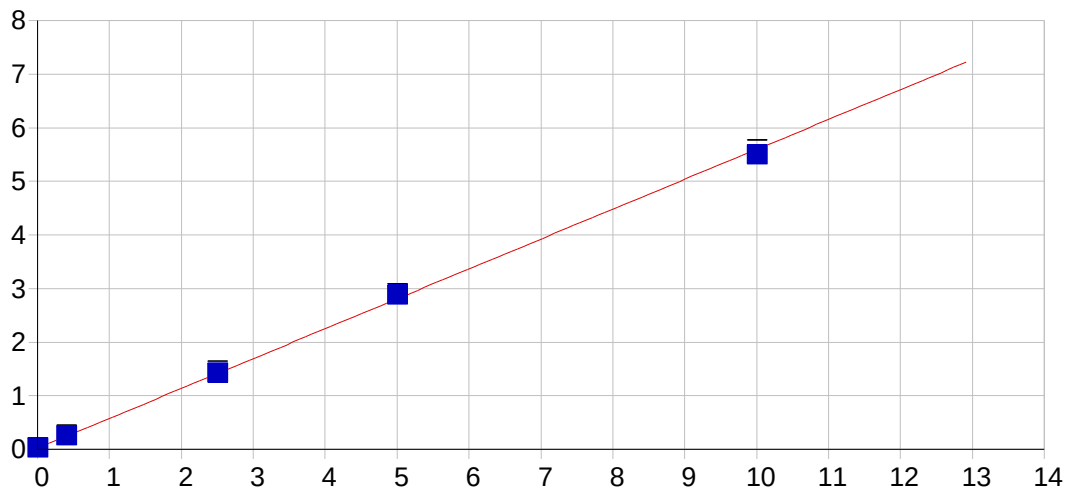
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006094 Re-Slope: 1.000000
 A1 (Gain): 0.061608 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997919
 Std Error of Est: 0.000096
 Predicted MDL: 0.002420
 Predicted MQL: 0.008067

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00609	.000	1
S1	.02000	.04801	.028	140.	.00901	.000	1
S3	2.5000	2.3115	-.188	-7.54	.14833	.000	1
S4	5.0000	4.8103	-.190	-3.79	.30210	.000	1
S5	10.000	10.351	.351	3.51	.64310	.001	1



Si 288.158 {117}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

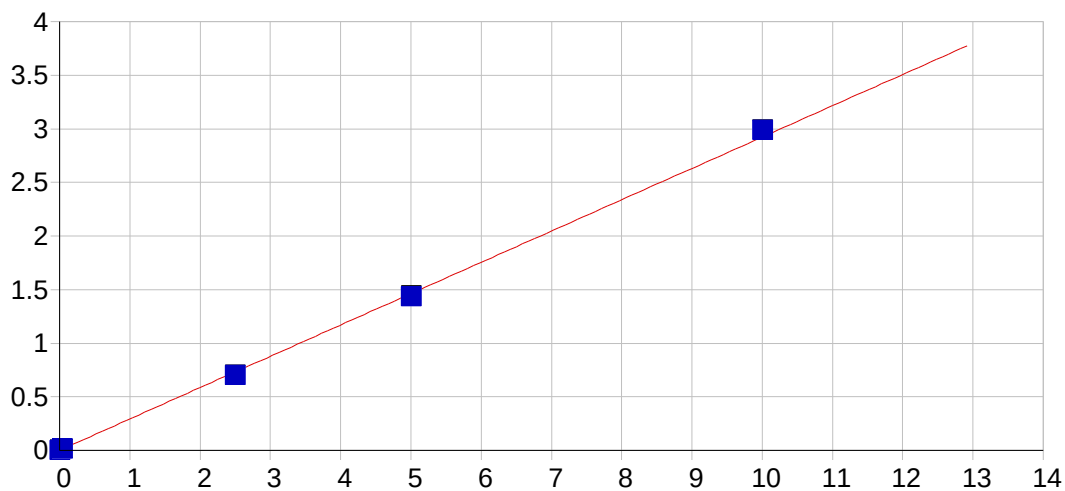
Weighting: 1/Conc

A0 (Offset): 0.018445
 A1 (Gain): 0.557686
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999751
 Std Error of Est: 0.001358
 Predicted MDL: 0.002097
 Predicted MQL: 0.006989

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01843	.001	1
S1	.40000	.42656	.027	6.64	.25615	.012	1
S3	2.5000	2.5245	.025	.981	1.4256	.034	1
S4	5.0000	5.1327	.133	2.65	2.8794	.025	1
S5	10.000	9.8162	-.184	-1.84	5.4899	.090	1

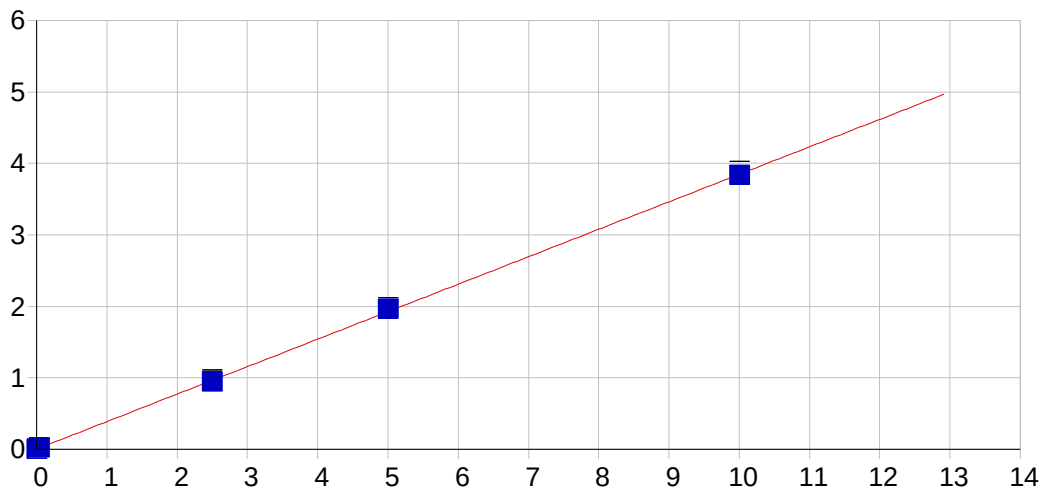


Sn 189.989 {477}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001599 Re-Slope: 1.000000
 A1 (Gain): 0.292096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000257
 Predicted MDL: 0.000529
 Predicted MQL: 0.001765

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00160	.000	1
S1	.04000	.04136	.001	3.39	.01368	.000	1
S3	2.5000	2.3824	-.118	-4.71	.69761	.001	1
S4	5.0000	4.9075	-.092	-1.85	1.4353	.001	1
S5	10.000	10.209	.209	2.09	2.9840	.004	1



Ti 336.121 {100}

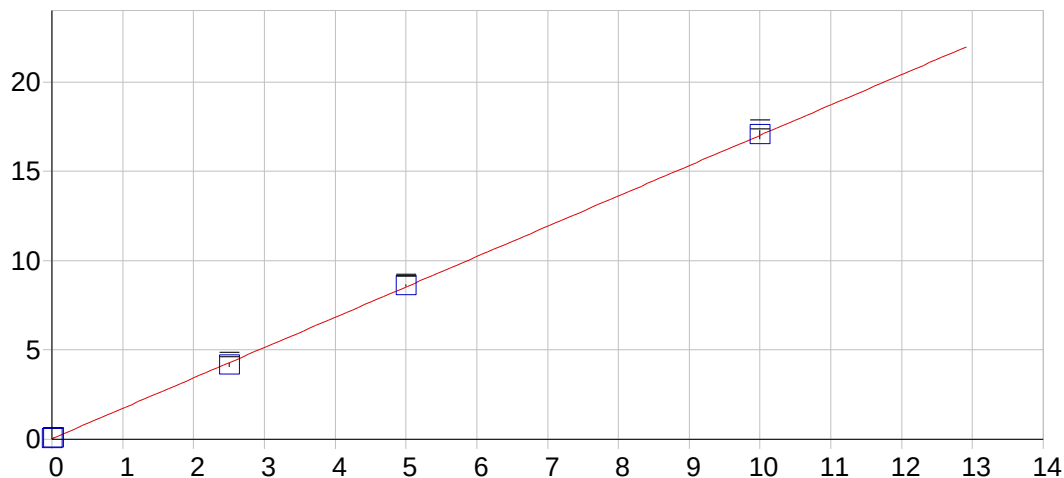
Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003423 Re-Slope: 1.000000
 A1 (Gain): 0.384395 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920
 Std Error of Est: 0.000166
 Predicted MDL: 0.001647
 Predicted MQL: 0.005491

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00342	.001	1
S1	.04000	.04077	.001	1.92	.01909	.001	1
S3	2.5000	2.4455	-.054	-2.18	.94335	.025	1
S4	5.0000	5.0863	.086	1.73	1.9583	.018	1
S5	10.000	9.9674	-.033	-.326	3.8344	.051	1



Li 670.784 { 50}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

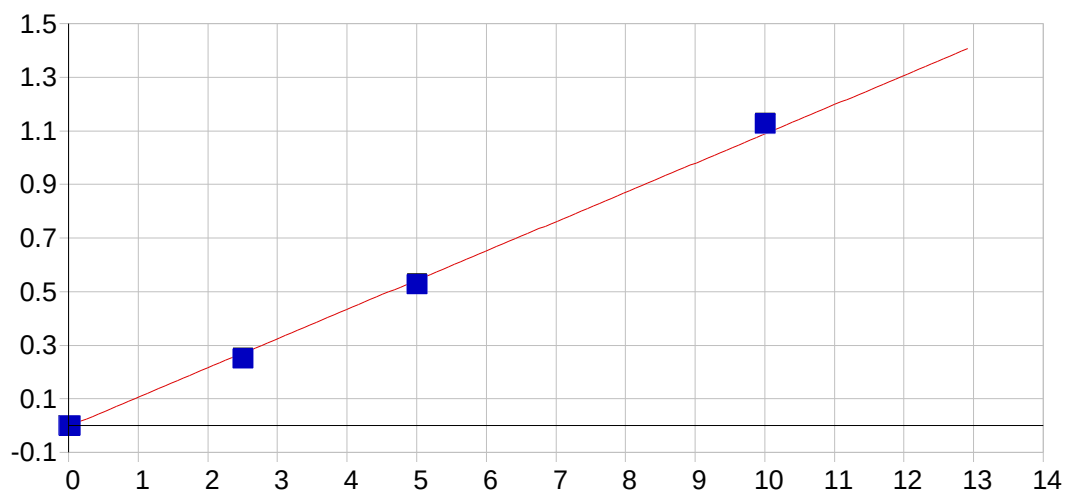
Weighting: 1/Conc

A0 (Offset): 0.038019
 A1 (Gain): 1.697932
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000487
 Predicted MDL: 0.001732
 Predicted MQL: 0.005773

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	.03802	.002	1
S1	.02000	.02164	.002	8.18	.07476	.006	1
S3	2.5000	2.4315	-.068	-2.74	4.1666	.125	1
S4	5.0000	5.0460	.046	.920	8.6058	.060	1
S5	10.000	10.021	.021	.208	17.053	.250	1

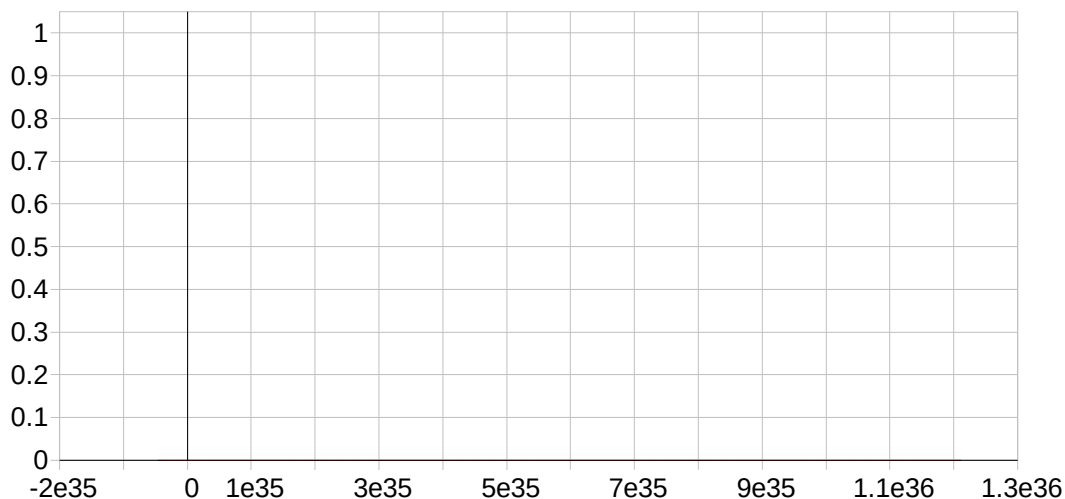


P 177.495 {490}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003001 Re-Slope: 1.000000
 A1 (Gain): 0.109119 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999133 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.001364
 Predicted MQL: 0.004546

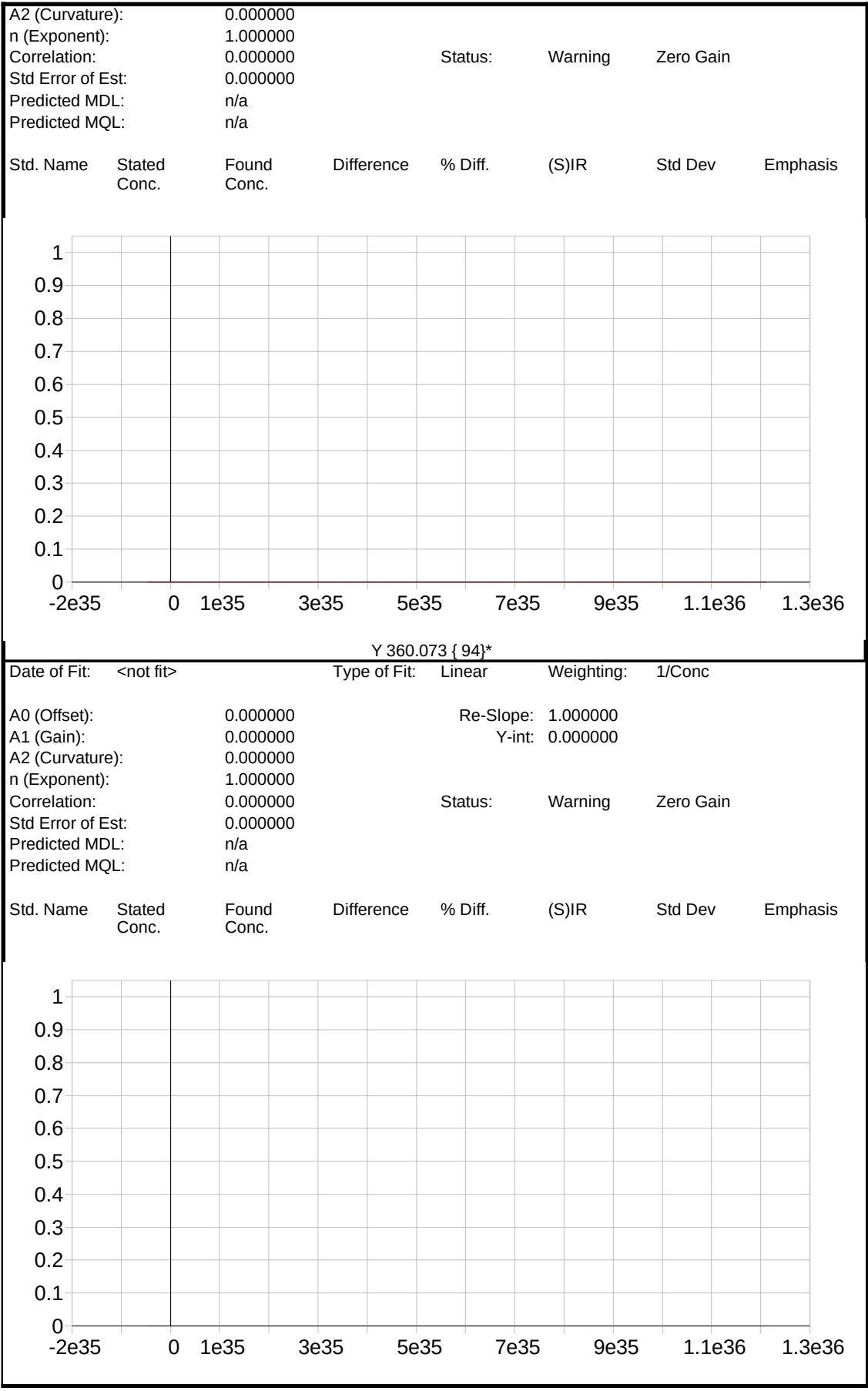
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00300	.000	1
S1	.02000	.01849	-.002	-7.55	-.00099	.000	1
S3	2.5000	2.3101	-.190	-7.60	.24868	.001	1
S4	5.0000	4.8529	-.147	-2.94	.52575	.001	1
S5	10.000	10.339	.339	3.39	1.1235	.001	1

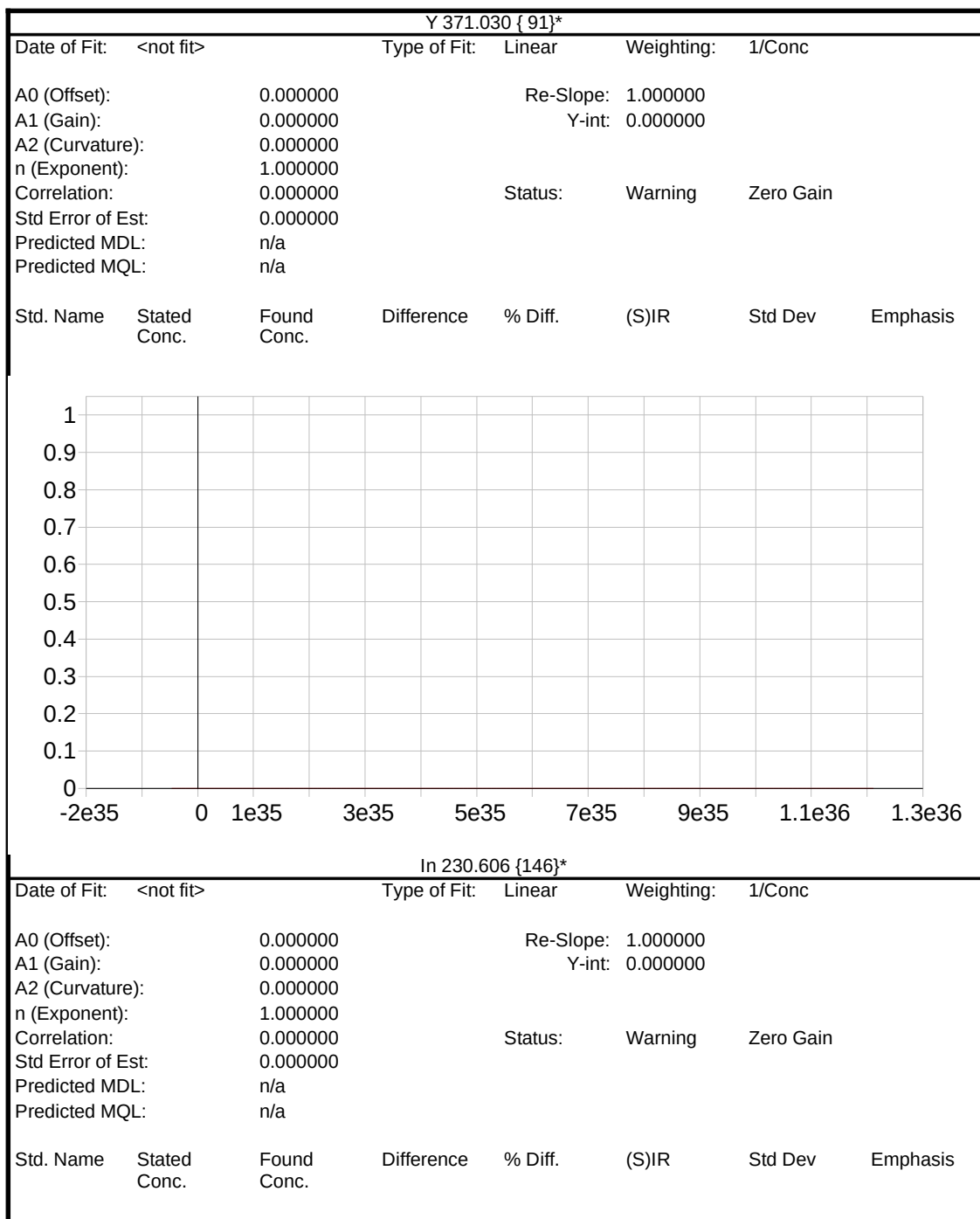


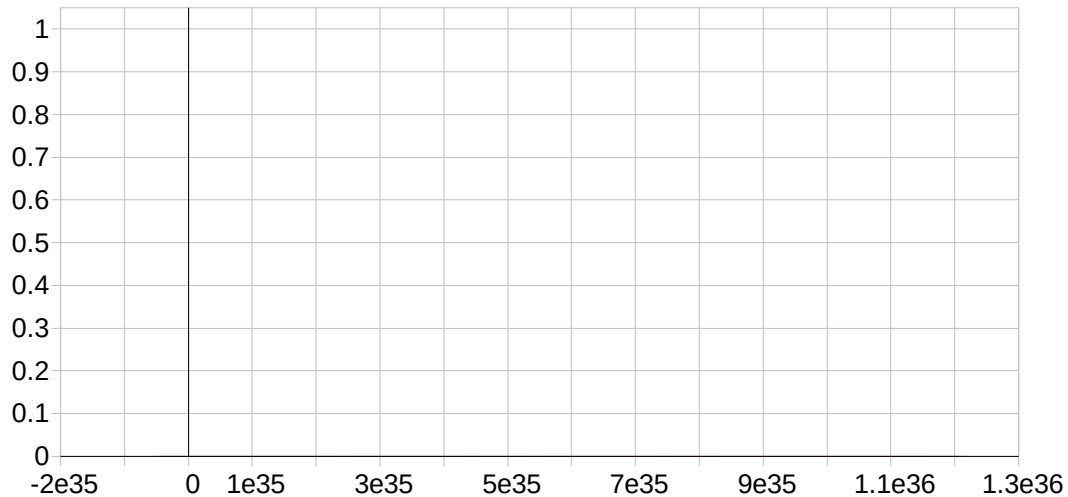
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

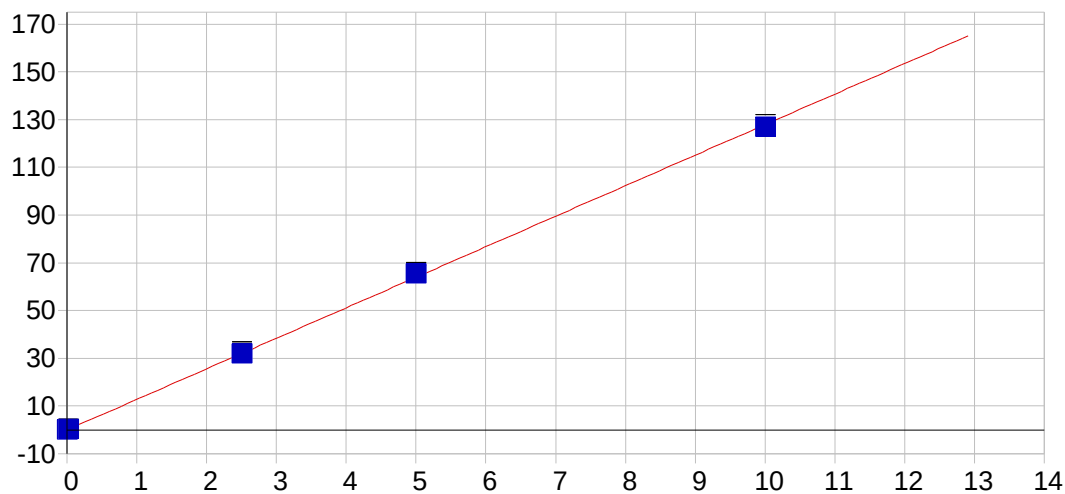
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002601

Re-Slope: 1.000000

A1 (Gain): 12.789695

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999899

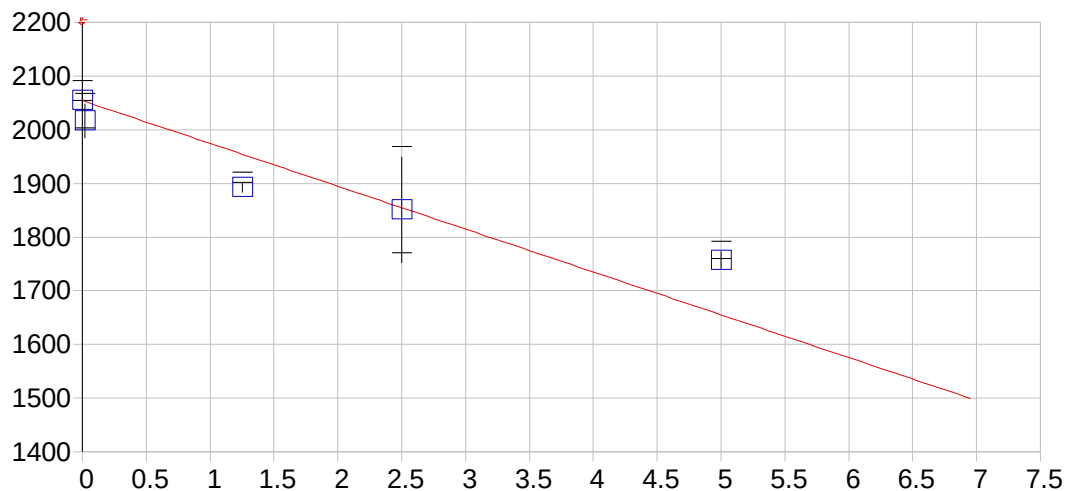
Status: OK.

Std Error of Est: 0.004394

Predicted MDL: 0.000091

Predicted MQL: 0.000303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00263	.001	1
S1	.02000	.02216	.002	10.8	.28216	.012	1
S3	2.5000	2.4784	-.022	-.866	31.730	.984	1
S4	5.0000	5.1081	.108	2.16	65.399	.467	1
S5	10.000	9.9114	-.089	-.886	126.90	.976	1



Date of Fit: 6/17/2019 17:14:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 2054.229165

Re-Slope: 1.000000

A1 (Gain): -79.809458

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.666631

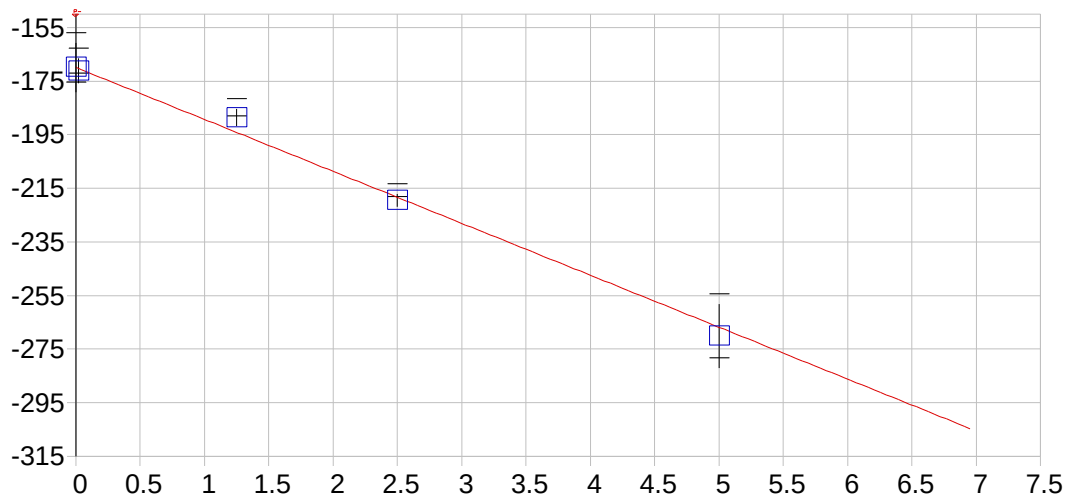
Status: Warning Negative Gain

Std Error of Est: 1.524965

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00046	-.000	.000	2054.3	18.2	1
S1	.02000	.47040	.450	2250.	2016.7	32.2	1
S3	1.2500	2.0275	.778	62.2	1892.4	9.20	1
S4	2.5000	2.5487	.049	1.95	1850.8	98.9	1
S5	5.0000	3.7234	-1.28	-25.5	1757.1	15.9	1



U 385.958 { 87}

Date of Fit: 6/17/2019 17:14:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -169.913415 Re-Slope: 1.000000

A1 (Gain): -19.373897 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.990112 Status: Warning Negative Gain

Std Error of Est: 0.046905

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-169.91	9.14	1
S1	.02000	.06570	.046	229.	-171.19	4.70	1
S3	1.2500	.96749	-.283	-22.6	-188.66	3.23	1
S4	2.5000	2.5614	.061	2.46	-219.54	2.44	1
S5	5.0000	5.1754	.175	3.51	-270.18	11.9	1

Sample Name: S0 Acquired: 6/17/2019 12:46:58 Type: Cal
Method: P4-ICP2(v3206) 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	-.00013	-.00066	.00468	-.00023	.00089	.00074	.00039	-.00018
Stddev	.00003	.00014	.00019	.00014	.00017	.00003	.00013	.00007
%RSD	20.186	21.130	4.0553	61.857	19.107	4.4362	33.730	37.454

#1	-.00013	-.00050	.00484	-.00039	.00107	.00071	.00050	-.00010
#2	-.00010	-.00072	.00447	-.00012	.00084	.00073	.00044	-.00022
#3	-.00015	-.00076	.00473	-.00019	.00074	.00077	.00024	-.00023

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	.00029	.00009	.00016	-.00020	.00463	.00139	.00029	.00002
Stddev	.00012	.00004	.00004	.00031	.00017	.00005	.00002	.00002
%RSD	42.110	39.508	23.700	151.41	3.6490	3.2697	6.5912	112.36

#1	.00034	.00012	.00013	-.00024	.00452	.00136	.00031	.00001
#2	.00015	.00005	.00021	.00012	.00482	.00137	.00027	.00001
#3	.00038	.00009	.00015	-.00049	.00454	.00144	.00028	.00005

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00871	-.00051	.02124	.00007	.00229	-.00145	.00030	.00003
Stddev	.00027	.00008	.00322	.00002	.00018	.00028	.00021	.00006
%RSD	3.0453	14.636	15.160	27.946	7.6852	19.416	68.752	190.54

#1	-.00888	-.00053	.01952	.00007	.00220	-.00176	.00038	.00004
#2	-.00884	-.00058	.01925	.00009	.00250	-.00136	.00045	.00009
#3	-.00840	-.00043	.02496	.00005	.00218	-.00123	.00006	-.00003

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	.00609	.01843	.00160	.00342	.03802	-.0030	-.00263	2054.3
Stddev	.00005	.00087	.00019	.00065	.00212	.0000	.00144	18.2
%RSD	.75686	4.7251	11.791	18.981	5.5679	.7600	54.746	.88717

#1	.00605	.01941	.00177	.00340	.04044	-.0030	-.00117	2066.8
#2	.00609	.01812	.00163	.00279	.03652	-.0030	-.00268	2033.4
#3	.00614	.01775	.00140	.00409	.03709	-.0030	-.00404	2062.7

Sample Name: S0 Acquired: 6/17/2019 12:46:58 Type: Cal
 Method: P4-ICP2(v3206) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-169.91
Stddev	9.14
%RSD	5.3809

#1	-164.42
#2	-164.85
#3	-180.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.3	43806.	3971.2	69.775	3438.2
Stddev	13.3	72.	98.4	1.128	8.6
%RSD	.42101	.16469	2.4770	1.6162	.24876

#1	3175.6	43886.	3859.0	68.500	3448.1
#2	3152.6	43789.	4042.3	70.642	3432.9
#3	3152.6	43745.	4012.4	70.183	3433.6

Sample Name: S1 Acquired: 6/17/2019 12:51:23 Type: Cal
Method: P4-ICP2(v3206) 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	.00139	.00780	.00905	.00169	.01003	.00178	.04245	.00734
Stddev	.00008	.00019	.00007	.00005	.00012	.00002	.00052	.00006
%RSD	5.5741	2.4256	.76571	2.7145	1.2046	.94043	1.2165	.82533
#1	.00133	.00802	.00913	.00166	.00989	.00180	.04249	.00738
#2	.00137	.00773	.00899	.00174	.01011	.00177	.04294	.00727
#3	.00148	.00766	.00904	.00167	.01009	.00177	.04191	.00737
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	.03057	.00308	.04068	.02813	.01597	.03287	.02442	.00231
Stddev	.00032	.00009	.00031	.00011	.00002	.00023	.00015	.00011
%RSD	1.0539	2.8728	.75623	.40414	.13296	.71198	.60470	4.6199
#1	.03093	.00298	.04070	.02825	.01597	.03284	.02437	.00242
#2	.03031	.00312	.04098	.02803	.01595	.03312	.02431	.00221
#3	.03046	.00314	.04037	.02811	.01599	.03265	.02459	.00229
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	.01234	.10044	.21467	.00035	.00901	.25615	.01368	.01909
Stddev	.00012	.00022	.00036	.00002	.00013	.01228	.00005	.00139
%RSD	1.0013	.21829	.16578	5.6559	1.3950	4.7949	.36186	7.2626
#1	.01236	.10024	.21463	.00036	.00911	.26387	.01373	.01992
#2	.01220	.10067	.21433	.00033	.00887	.26258	.01368	.01985
#3	.01245	.10042	.21504	.00036	.00906	.24198	.01363	.01749
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.07476	-.0010	.28216	2016.7	-171.19			
Stddev	.00619	.0000	.01234	32.2	4.70			
%RSD	8.2753	2.187	4.3716	1.5969	2.7447			
#1	.07874	-.0010	.28742	1979.7	-166.87			
#2	.07790	-.0010	.29100	2038.8	-170.50			
#3	.06763	-.0010	.26807	2031.5	-176.19			

Sample Name: S1 Acquired: 6/17/2019 12:51:23 Type: Cal
Method: P4-ICP2(v3206) 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	3114.8	43327.	4116.5	73.092	3356.7
Stddev	12.1	133.	174.8	4.749	10.9
%RSD	.38757	.30648	4.2468	6.4978	.32375
#1	3102.2	43198.	3996.0	68.133	3344.2
#2	3126.3	43464.	4036.5	73.542	3363.0
#3	3115.9	43320.	4317.0	77.600	3363.0

Sample Name: S2 Acquired: 6/17/2019 12:55:48 Type: Cal
Method: P4-ICP2(v3206) 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	.01156	.00178	.08831	.01871
Stddev	.00006	.00002	.00023	.00001
%RSD	.48752	.97319	.25847	.04653

#1	.01149	.00180	.08857	.01871
#2	.01158	.00177	.08821	.01872
#3	.01159	.00177	.08815	.01870

Int. Std.	Y_3600
Units	Cts/S
Avg	43527.
Stddev	37.
%RSD	.08581

#1	43488.
#2	43563.
#3	43529.

Sample Name: S3 Acquired: 6/17/2019 13:00:02 Type: Cal
Method: P4-ICP2(v3206) 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	.16906	.50299	.84891	.21760	.40584	.04245	1.9168	.14188
Stddev	.00071	.00090	.00314	.00082	.00155	.00022	.0144	.00015
%RSD	.42215	.17895	.37039	.37775	.38109	.51516	.75138	.10297

#1	.16988	.50369	.85234	.21847	.40701	.04266	1.9245	.14171
#2	.16869	.50198	.84617	.21749	.40642	.04246	1.9257	.14199
#3	.16860	.50331	.84821	.21683	.40408	.04223	1.9002	.14194

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	5.9529	.06777	.13454	1.6554	.66472	.32673	1.7729	.01055
Stddev	.0185	.00032	.00034	.0045	.00161	.00089	.0043	.00005
%RSD	.31037	.46949	.25388	.26921	.24169	.27233	.24077	.50440

#1	5.9739	.06807	.13414	1.6597	.66658	.32606	1.7692	.01051
#2	5.9457	.06779	.13472	1.6508	.66373	.32774	1.7776	.01061
#3	5.9392	.06744	.13475	1.6557	.66387	.32640	1.7719	.01052

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	.97941	.16722	.42574	.35743	2.8376	.12015	2.4844	.00749
Stddev	.00127	.00060	.00300	.00083	.0073	.00111	.0036	.00003
%RSD	.12983	.36115	.70523	.23254	.25733	.92241	.14563	.46268

#1	.97815	.16788	.42688	.35688	2.8458	.12098	2.4886	.00753
#2	.97939	.16671	.42800	.35838	2.8317	.12057	2.4819	.00746
#3	.98069	.16705	.42233	.35702	2.8352	.11889	2.4827	.00749

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	.14833	1.4256	.69761	.94335	4.1666	.2487	31.730	1892.4
Stddev	.00008	.0338	.00094	.02510	.1248	.0010	.984	9.2
%RSD	.05095	2.3730	.13464	2.6611	2.9959	.3837	3.1019	.48635

#1	.14825	1.4442	.69679	.95745	4.2360	.2497	32.247	1901.4
#2	.14835	1.4461	.69740	.95822	4.2413	.2485	32.347	1883.0
#3	.14839	1.3866	.69863	.91436	4.0225	.2478	30.595	1892.8

Sample Name: S3 Acquired: 6/17/2019 13:00:02 Type: Cal
 Method: P4-ICP2(v3206) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-188.66
Stddev	3.23
%RSD	1.7109

#1	-187.28
#2	-186.35
#3	-192.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.7	42352.	4058.2	70.459	3132.6
Stddev	15.5	55.	100.8	1.573	15.5
%RSD	.50685	.12918	2.4830	2.2331	.49402

#1	3030.9	42316.	4000.4	69.181	3114.7
#2	3057.7	42325.	3999.7	69.980	3141.0
#3	3057.6	42415.	4174.6	72.217	3142.0

Sample Name: S4 Acquired: 6/17/2019 13:04:03 Type: Cal
Method: P4-ICP2(v3206) 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	.34158	1.0243	1.7401	.43839	.81630	.08421	3.8321	.28095
Stddev	.00193	.0004	.0042	.00115	.00280	.00288	.1338	.00922
%RSD	.56363	.04080	.23834	.26295	.34290	3.4174	3.4904	3.2813
#1	.34378	1.0241	1.7432	.43959	.81906	.08089	3.6783	.27034
#2	.34022	1.0248	1.7354	.43729	.81346	.08595	3.9210	.28699
#3	.34073	1.0241	1.7418	.43828	.81639	.08579	3.8971	.28552
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	12.339	.13530	.26395	3.4126	1.3079	.63873	3.4731	.02101
Stddev	.030	.00453	.00800	.0100	.0048	.02110	.1172	.00073
%RSD	.24090	3.3505	3.0291	.29242	.36692	3.3041	3.3736	3.4936
#1	12.360	.13007	.25473	3.4204	1.3118	.61436	3.3379	.02016
#2	12.305	.13803	.26886	3.4014	1.3025	.65115	3.5460	.02147
#3	12.352	.13780	.26827	3.4162	1.3093	.65068	3.5353	.02139
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	2.0101	.32793	.82641	.70606	5.8838	.24214	4.9733	.01508
Stddev	.0049	.00993	.02943	.02243	.0170	.00900	.0123	.00045
%RSD	.24416	3.0268	3.5607	3.1761	.28871	3.7158	.24655	3.0032
#1	2.0137	.31648	.79254	.68023	5.8976	.23186	4.9868	.01456
#2	2.0045	.33419	.84565	.72060	5.8648	.24860	4.9628	.01529
#3	2.0120	.33311	.84105	.71734	5.8891	.24596	4.9703	.01538
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	.30210	2.8794	1.4353	1.9583	8.6058	.5257	65.399	1850.8
Stddev	.00049	.0245	.0010	.0181	.0603	.0006	.467	98.9
%RSD	.16327	.85236	.07062	.92660	.70043	.1114	.71357	5.3433
#1	.30266	2.8779	1.4354	1.9516	8.6174	.5261	65.184	1961.9
#2	.30172	2.8556	1.4343	1.9445	8.5405	.5251	65.079	1772.5
#3	.30192	2.9046	1.4363	1.9789	8.6594	.5261	65.935	1818.0

Sample Name: S4 Acquired: 6/17/2019 13:04:03 Type: Cal
Method: P4-ICP2(v3206) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-219.54
Stddev	2.44
%RSD	1.1101

#1	-221.82
#2	-219.83
#3	-216.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.9	42531.	3942.2	67.689	2988.2
Stddev	12.7	1227.	35.2	1.342	10.3
%RSD	.42201	2.8853	.89297	1.9827	.34627

#1	3004.7	43946.	3925.5	66.228	2979.5
#2	3030.1	41752.	3982.7	68.867	2999.7
#3	3018.9	41896.	3918.5	67.972	2985.4

Sample Name: S5 Acquired: 6/17/2019 13:08:03 Type: Cal
Method: P4-ICP2(v3206) 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	.69153	2.1028	3.6194	.87998	1.6417	.17452	7.9144	.57236
Stddev	.00101	.0024	.0082	.00077	.0049	.00092	.0686	.00076
%RSD	.14540	.11531	.22582	.08799	.30040	.52870	.86712	.13256
#1	.69237	2.1046	3.6282	.88078	1.6474	.17346	7.8358	.57189
#2	.69181	2.1038	3.6181	.87923	1.6389	.17491	7.9624	.57324
#3	.69042	2.1000	3.6120	.87992	1.6387	.17518	7.9450	.57195
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	25.717	.27786	.53242	7.1355	2.5735	1.2759	6.9117	.04306
Stddev	.064	.00142	.00118	.0136	.0072	.0013	.0947	.00042
%RSD	.24704	.51031	.22153	.19042	.28062	.09854	1.3702	.98561
#1	25.787	.27665	.53140	7.1504	2.5808	1.2745	6.9048	.04285
#2	25.701	.27750	.53216	7.1321	2.5734	1.2761	6.8206	.04278
#3	25.663	.27942	.53371	7.1239	2.5664	1.2770	7.0096	.04355
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	4.1771	.66743	1.6937	1.4298	12.280	.50247	9.8765	.03102
Stddev	.0087	.00086	.0036	.0004	.030	.00112	.0113	.00007
%RSD	.20774	.12824	.21333	.02728	.24674	.22361	.11476	.21481
#1	4.1836	.66840	1.6896	1.4302	12.310	.50155	9.8894	.03106
#2	4.1806	.66709	1.6949	1.4295	12.279	.50213	9.8679	.03094
#3	4.1673	.66680	1.6965	1.4297	12.250	.50372	9.8723	.03105
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	.64310	5.4899	2.9840	3.8344	17.053	1.124	126.90	1757.1
Stddev	.00115	.0898	.0043	.0514	.250	.001	.98	15.9
%RSD	.17893	1.6352	.14307	1.3397	1.4633	.1149	.76886	.90262
#1	.64238	5.5378	2.9879	3.8503	17.141	1.125	126.18	1739.6
#2	.64250	5.5455	2.9847	3.8759	17.246	1.122	128.01	1770.5
#3	.64443	5.3863	2.9795	3.7769	16.771	1.124	126.51	1761.2

Sample Name: S5 Acquired: 6/17/2019 13:08:03 Type: Cal
Method: P4-ICP2(v3206) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-270.18
Stddev	11.94
%RSD	4.4183

#1	-262.08
#2	-264.57
#3	-283.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2930.8	40788.	4000.1	67.402	2744.9
Stddev	12.1	121.	59.4	1.173	12.0
%RSD	.41124	.29681	1.4856	1.7398	.43656

#1	2917.7	40882.	3967.4	66.858	2732.2
#2	2933.4	40830.	3964.1	66.600	2746.8
#3	2941.4	40652.	4068.6	68.748	2755.9

Sample Name: ICV01 Acquired: 6/17/2019 13:12:25 Type: Unk
Method: P4-ICP2(v3206) 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	1.0261	1.0478	.99669	1.0330	1.0387	2.6356	.51731
Stddev	.0012	.0022	.00209	.0011	.0056	.0136	.00483
%RSD	.11518	.20487	.20941	.10908	.54395	.51585	.93442

#1	1.0261	1.0502	.99701	1.0317	1.0391	2.6276	.51349
#2	1.0273	1.0467	.99446	1.0335	1.0329	2.6513	.52274
#3	1.0249	1.0463	.99860	1.0338	1.0442	2.6279	.51569

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50804	.48447	10.999	.52776	.49928	.53272	5.3383
Stddev	.00123	.00146	.100	.00437	.00081	.00074	.0193
%RSD	.24227	.30045	.90619	.82800	.16229	.13848	.36207

#1	.50775	.48322	10.944	.52677	.49899	.53225	5.3379
#2	.50939	.48414	11.114	.53254	.49865	.53357	5.3578
#3	.50698	.48607	10.938	.52397	.50019	.53234	5.3191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53462	6.2225	.50326	.52879	10.167	.52709	.97858
Stddev	.00123	.0776	.00083	.00271	.113	.00073	.00272
%RSD	.23057	1.2476	.16555	.51184	1.1068	.13924	.27778

#1	.53520	6.1355	.50422	.52859	10.103	.52765	.97559
#2	.53545	6.2846	.50287	.53160	10.297	.52737	.97923
#3	.53320	6.2475	.50270	.52620	10.101	.52626	.98091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.394	2.5855	2.5412	F -.01681	2.5166	2.4398	2.5891
Stddev	.127	.0069	.0376	.00321	.0200	.0016	.0074
%RSD	1.2243	.26501	1.4793	19.075	.79497	.06389	.28575

#1	10.327	2.5776	2.5287	-.01743	2.5393	2.4380	2.5958
#2	10.540	2.5894	2.5835	-.01333	2.5014	2.4410	2.5811
#3	10.313	2.5895	2.5115	-.01965	2.5092	2.4403	2.5905

Sample Name: ICV01 Acquired: 6/17/2019 13:12:25 Type: Unk
Method: P4-ICP2(v3206) 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 .00163	F -.0054	F .00748	1.0111	F 1.9277
Stddev	.00068	.0009	.00016	.4815	.3118
%RSD	41.750	16.47	2.0858	47.627	16.177
#1	.00128	-.0051	.00765	1.3075	2.2697
#2	.00242	-.0064	.00746	.45545	1.8541
#3	.00120	-.0047	.00734	1.2703	1.6591
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.1	43157.	4101.0	72.156	3245.8
Stddev	5.5	265.	23.9	.766	8.1
%RSD	.17651	.61452	.58373	1.0616	.25038
#1	3109.4	43255.	4076.5	71.775	3253.8
#2	3099.3	42857.	4124.3	71.654	3246.1
#3	3100.6	43360.	4102.3	73.037	3237.5

Sample Name: LLICV01 Acquired: 6/17/2019 13:17:16 Type: Unk
Method: P4-ICP2(v3206) 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	.01989	.04324	.01393	.02128	.05691	.10953	.10730
Stddev	.00179	.00054	.00006	.00193	.00048	.00343	.00076
%RSD	8.9958	1.2391	.42976	9.0773	.85040	3.1351	.70647

#1	.01783	.04284	.01400	.02153	.05721	.10972	.10692
#2	.02110	.04385	.01391	.02307	.05635	.10600	.10680
#3	.02073	.04302	.01389	.01923	.05716	.11286	.10817

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00665	.00585	2.0369	.01060	.02920	.02293	.11368
Stddev	.00011	.00004	.0047	.00026	.00016	.00018	.00138
%RSD	1.6612	.65752	.22946	2.4961	.54877	.76845	1.2104

#1	.00671	.00589	2.0320	.01042	.02934	.02292	.11319
#2	.00652	.00586	2.0374	.01048	.02902	.02276	.11262
#3	.00670	.00581	2.0414	.01090	.02924	.02311	.11523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02355	2.1077	.03987	.01042	2.0543	.04365	.04148
Stddev	.00012	.0483	.00037	.00031	.0149	.00021	.00007
%RSD	.49627	2.2892	.92269	2.9313	.72293	.47481	.16391

#1	.02349	2.0838	.04008	.01012	2.0396	.04345	.04148
#2	.02348	2.1632	.03944	.01042	2.0693	.04386	.04154
#3	.02368	2.0760	.04008	.01073	2.0539	.04364	.04140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0933	.21619	.11275	F .03293	.43823	.04548	.04361
Stddev	.0087	.00042	.00864	.00277	.00280	.00018	.00167
%RSD	.41756	.19537	7.6637	8.4033	.63995	.38795	3.8301

#1	2.1004	.21645	.11676	.03026	.43596	.04532	.04369
#2	2.0835	.21642	.10283	.03276	.43737	.04544	.04191
#3	2.0959	.21570	.11866	.03578	.44137	.04567	.04525

Sample Name: LLICV01 Acquired: 6/17/2019 13:17:16 Type: Unk
 Method: P4-ICP2(v3206) 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	.02388	.0178	.02254	F .18984	F<.00000
Stddev	.00128	.0006	.00008	.30231	.54253
%RSD	5.3696	3.547	.36323	159.25	223.87

#1	.02530	.0175	.02245	.52453	-.16844
#2	.02282	.0185	.02260	.10839	-.81802
#3	.02350	.0174	.02257	-.06341	.25946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.9	43342.	4019.7	70.183	3363.6
Stddev	8.7	58.	1.5	.368	5.6
%RSD	.27949	.13310	.03811	.52446	.16631

#1	3122.6	43367.	4018.2	70.608	3365.1
#2	3115.8	43276.	4021.3	69.967	3357.4
#3	3133.2	43383.	4019.7	69.975	3368.3

Sample Name: ICB01 Acquired: 6/17/2019 13:21:41 Type: Unk
Method: P4-ICP2(v3206) 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	-.00073	.00102	-.00085	.00004	.00249	-.00615	.00022
Stddev	.00155	.00081	.00061	.00205	.00103	.00157	.00021
%RSD	211.85	79.547	71.274	5217.6	41.347	25.469	92.414

#1	-.00110	.00173	-.00030	-.00232	.00136	-.00793	.00017
#2	-.00207	.00118	-.00076	.00122	.00275	-.00500	.00005
#3	.00097	.00014	-.00150	.00122	.00337	-.00551	.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00001	.00762	-.00019	.00010	-.00002	-.00023
Stddev	.00009	.00006	.00997	.00011	.00005	.00022	.00038
%RSD	749.78	499.56	130.84	57.450	54.070	1184.8	166.43

#1	.00007	.00006	.01913	-.00027	.00011	.00015	.00018
#2	-.00010	-.00005	.00168	-.00006	.00015	-.00026	-.00057
#3	-.00001	-.00004	.00205	-.00023	.00004	.00006	-.00030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00133	-.00028	-.00053	-.16711	.00002	.00014
Stddev	.00002	.01131	.00027	.00013	.01216	.00030	.00011
%RSD	26.894	847.47	94.212	23.708	7.2771	1871.9	75.095

#1	.00009	-.01061	-.00047	-.00065	-.15434	.00035	.00019
#2	.00005	-.00466	.00002	-.00040	-.17855	-.00007	.00002
#3	.00009	.01126	-.00039	-.00054	-.16843	-.00024	.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00047	.00528	F -.02636	.00128	.00135	.00052
Stddev	.00692	.00025	.00737	.00076	.00153	.00012	.00020
%RSD	871.69	52.298	139.63	2.8683	119.58	8.6323	38.965

#1	-.00699	.00076	.00087	-.02559	-.00048	.00148	.00029
#2	.00311	.00033	.00118	-.02637	.00224	.00132	.00068
#3	.00626	.00033	.01378	-.02711	.00207	.00125	.00061

Sample Name: ICB01 Acquired: 6/17/2019 13:21:41 Type: Unk
 Method: P4-ICP2(v3206) 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	-.00027	-.0002	.00013	F .03466	F<.00000
Stddev	.00148	.0006	.00004	.05169	.22348
%RSD	550.11	299.3	33.513	149.11	106.60
#1	-.00048	-.0008	.00013	.08515	-.32995
#2	.00130	.0003	.00009	-.01815	.04821
#3	-.00163	-.0001	.00017	.03700	-.34720
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.5	43786.	3976.8	70.906	3418.8
Stddev	5.9	201.	128.9	3.618	4.3
%RSD	.18721	.45852	3.2424	5.1021	.12616
#1	3140.5	43576.	4062.7	73.825	3413.9
#2	3146.7	43804.	3828.6	66.858	3422.1
#3	3152.3	43976.	4039.2	72.033	3420.3

Sample Name: CRI01 Acquired: 6/17/2019 13:26:08 Type: Unk
Method: P4-ICP2(v3206) 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	.02019	.04131	.01094	.01879	.04893	.09526	.10466
Stddev	.00069	.00034	.00069	.00066	.00096	.00443	.00142
%RSD	3.4345	.83146	6.2869	3.5336	1.9542	4.6457	1.3526

#1	.02091	.04170	.01047	.01867	.04959	.10020	.10555
#2	.01953	.04115	.01061	.01950	.04938	.09165	.10303
#3	.02014	.04107	.01173	.01819	.04784	.09393	.10541

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00651	.00571	2.0021	.01056	.02892	.02203	.10904
Stddev	.00009	.00002	.0270	.00015	.00022	.00021	.00060
%RSD	1.3164	.31716	1.3490	1.4076	.76631	.96932	.54636

#1	.00660	.00573	2.0283	.01064	.02906	.02190	.10973
#2	.00646	.00569	2.0035	.01065	.02866	.02228	.10876
#3	.00645	.00572	1.9744	.01039	.02903	.02192	.10864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02297	2.1065	.03924	.01049	1.8803	.04254	.03834
Stddev	.00011	.0485	.00017	.00054	.0152	.00020	.00021
%RSD	.48440	2.3015	.44000	5.1638	.80679	.47870	.54221

#1	.02300	2.1615	.03904	.00988	1.8787	.04231	.03857
#2	.02307	2.0700	.03935	.01092	1.8660	.04259	.03817
#3	.02285	2.0881	.03933	.01066	1.8962	.04271	.03827

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0516	.21201	.10858	F -.01291	.40881	.03979	.04238
Stddev	.0300	.00068	.00672	.00137	.00589	.00021	.00060
%RSD	1.4615	.32240	6.1849	10.602	1.4417	.53972	1.4189

#1	2.0481	.21278	.10327	-.01201	.41465	.03983	.04278
#2	2.0235	.21146	.11613	-.01448	.40286	.03956	.04267
#3	2.0831	.21180	.10635	-.01224	.40891	.03998	.04169

Sample Name: CRI01 Acquired: 6/17/2019 13:26:08 Type: Unk
 Method: P4-ICP2(v3206) 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	.02033	.0182	.02221	F .42160	F .17194
Stddev	.00031	.0018	.00038	.22666	.20644
%RSD	1.5193	9.817	1.6938	53.763	120.07
#1	.02020	.0201	.02258	.26102	.40971
#2	.02011	.0179	.02183	.68087	.06789
#3	.02068	.0166	.02222	.32290	.03822
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.0	43499.	4032.2	71.350	3365.9
Stddev	22.6	150.	46.2	.964	19.9
%RSD	.72271	.34590	1.1463	1.3506	.59106
#1	3097.2	43422.	3979.0	72.250	3343.0
#2	3127.5	43402.	4055.9	71.467	3376.0
#3	3141.3	43672.	4061.8	70.333	3378.8

Sample Name: ICSA01 Acquired: 6/17/2019 13:30:34 Type: Unk
 Method: P4-ICP2(v3206) 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	-.00653	.00156	-.01013	-.00210	.00757	280.99	.00665	.00085
Stddev	.00327	.00095	.00089	.00191	.00073	1.37	.00064	.00004
%RSD	50.131	61.258	8.7469	91.371	9.6192	.48656	9.5505	4.7232
#1	-.00278	.00255	-.01115	.00009	.00733	279.56	.00594	.00084
#2	-.00881	.00148	-.00967	-.00345	.00839	281.13	.00688	.00082
#3	-.00800	.00064	-.00957	-.00293	.00700	282.28	.00714	.00090
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00202	273.54	.04980	-.00059	.00727	97.350	.01472	283.37
Stddev	.00009	1.74	.00055	.00020	.00032	.159	.00013	2.40
%RSD	4.5835	.63632	1.1104	33.472	4.4621	.16332	.86813	.84571
#1	-.00211	272.03	.05030	-.00080	.00694	97.185	.01465	281.50
#2	-.00192	273.15	.04990	-.00041	.00730	97.361	.01486	282.54
#3	-.00204	275.45	.04920	-.00055	.00758	97.503	.01463	286.07
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01461	-.00810	.04390	.00030	-.01399	.02143	.00029	-.03608
Stddev	.00013	.00025	.00388	.00046	.00015	.01123	.00020	.01798
%RSD	.92306	3.0831	8.8415	155.62	1.0385	52.422	71.612	49.829
#1	-.01469	-.00838	.03990	.00067	-.01382	.01067	.00049	-.01942
#2	-.01445	-.00789	.04765	-.00022	-.01402	.02054	.00008	-.05514
#3	-.01468	-.00804	.04417	.00044	-.01411	.03308	.00029	-.03370
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01155	-.00575	.00845	-.00441	.01427	.0008	.00020	2.9795
Stddev	.00525	.00118	.00076	.00107	.00202	.0023	.00234	.2514
%RSD	45.447	20.565	9.0027	24.273	14.160	298.1	1156.2	8.4377
#1	-.00899	-.00679	.00916	-.00344	.01381	.0016	.00116	3.2533
#2	-.01759	-.00446	.00765	-.00556	.01648	.0026	-.00247	2.7591
#3	-.00807	-.00599	.00856	-.00423	.01252	-.0018	.00191	2.9261

Sample Name: ICSA01 Acquired: 6/17/2019 13:30:34 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 33.784
 Stddev .117
 %RSD .34672

#1 33.729
 #2 33.706
 #3 33.919

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.6	38413.	3961.7	66.164	2682.5
Stddev	6.6	52.	66.9	1.814	8.1
%RSD	.23429	.13407	1.6888	2.7411	.30141

#1	2825.5	38472.	3915.9	64.391	2683.9
#2	2820.8	38374.	4038.5	66.087	2689.9
#3	2812.5	38395.	3930.7	68.016	2673.9

Sample Name: ICSAB01 Acquired: 6/17/2019 13:35:13 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09348	.11197	.04067	.05093	.62741	272.97	.57116
Stddev	.00200	.00256	.00155	.00324	.00164	.86	.00249
%RSD	2.1374	2.2885	3.8053	6.3590	.26186	.31637	.43653

#1	.09158	.11267	.04216	.05466	.62692	271.98	.56829
#2	.09329	.11411	.04079	.04935	.62607	273.48	.57236
#3	.09556	.10913	.03907	.04879	.62925	273.46	.57282

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57122	1.0157	267.20	.58888	.51459	.51232	94.915
Stddev	.00125	.0022	1.26	.00071	.00042	.00200	.185
%RSD	.21814	.21396	.47023	.12095	.08147	.39031	.19497

#1	.57189	1.0155	265.88	.58807	.51415	.51018	94.701
#2	.56978	1.0136	267.34	.58912	.51498	.51263	95.024
#3	.57199	1.0180	268.38	.58943	.51466	.51414	95.019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54991	277.48	1.0096	.21412	.04381	.53548	1.0928
Stddev	.00063	1.93	.0014	.00078	.00347	.00197	.0024
%RSD	.11501	.69730	.14341	.36604	7.9142	.36847	.22431

#1	.55064	275.42	1.0112	.21382	.04191	.53326	1.0935
#2	.54957	277.78	1.0084	.21353	.04170	.53704	1.0901
#3	.54953	279.25	1.0092	.21501	.04781	.53614	1.0948

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02373	1.0595	1.0910	F -.00443	.99345	1.0853	1.0511
Stddev	.01059	.0055	.0216	.00294	.00620	.0017	.0096
%RSD	44.632	.51958	1.9828	66.283	.62441	.15492	.91441

#1	.01157	1.0614	1.1159	-.00636	.98658	1.0859	1.0400
#2	.03091	1.0533	1.0766	-.00588	.99863	1.0834	1.0555
#3	.02872	1.0638	1.0806	-.00105	.99514	1.0866	1.0577

Sample Name: ICSAB01 Acquired: 6/17/2019 13:35:13 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01440	F -.0052	F .00212	3.2506	33.389
Stddev	.00077	.0015	.00013	.4207	.636
%RSD	5.3469	28.10	5.9545	12.941	1.9048
#1	.01443	-.0069	.00198	3.4606	33.540
#2	.01362	-.0047	.00220	3.5250	33.937
#3	.01516	-.0041	.00219	2.7663	32.692
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.7	38887.	3933.0	63.753	2674.6
Stddev	10.2	110.	13.3	1.588	9.1
%RSD	.35773	.28310	.33772	2.4903	.33932
#1	2847.0	38974.	3948.0	62.354	2674.9
#2	2851.8	38924.	3928.2	63.425	2683.6
#3	2832.3	38763.	3922.8	65.479	2665.4

Sample Name: CCV01 Acquired: 6/17/2019 13:39:39 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9979	5.0293	4.9396	4.9753	5.0371	9.9278	10.039	.25252
Stddev	.0092	.0061	.0147	.0146	.0117	.0374	.050	.00097
%RSD	.18439	.12135	.29771	.29428	.23298	.37652	.49351	.38587
#1	4.9956	5.0359	4.9535	4.9920	5.0489	9.8986	10.024	.25152
#2	5.0080	5.0278	4.9411	4.9644	5.0369	9.9699	10.094	.25347
#3	4.9900	5.0240	4.9242	4.9696	5.0254	9.9148	9.9986	.25256
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4566	25.171	1.0220	2.4660	1.2528	5.1527	2.5689	25.420
Stddev	.0060	.135	.0018	.0019	.0047	.0029	.0024	.137
%RSD	.24220	.53540	.17746	.07846	.37856	.05550	.09493	.53730
#1	2.4617	25.081	1.0215	2.4681	1.2581	5.1505	2.5661	25.312
#2	2.4581	25.326	1.0240	2.4656	1.2515	5.1559	2.5705	25.574
#3	2.4501	25.105	1.0205	2.4643	1.2489	5.1517	2.5702	25.376
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4677	1.2656	24.819	2.5288	2.4556	25.124	5.0184	5.0282
Stddev	.0028	.0023	.112	.0037	.0036	.138	.0138	.0470
%RSD	.11509	.18302	.45147	.14578	.14617	.54979	.27389	.93402
#1	2.4710	1.2681	24.804	2.5270	2.4589	25.193	5.0342	5.0822
#2	2.4662	1.2635	24.938	2.5330	2.4561	25.215	5.0094	4.9976
#3	2.4660	1.2652	24.716	2.5264	2.4518	24.965	5.0117	5.0046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8211	5.0689	4.9820	5.0174	4.9803	4.932	5.0472	F 2.4376
Stddev	.0125	.0291	.0049	.0134	.0095	.007	.0151	.1672
%RSD	.25873	.57473	.09888	.26665	.19077	.1530	.29833	6.8591
#1	4.8351	5.0581	4.9861	5.0041	4.9737	4.934	5.0352	2.2631
#2	4.8112	5.0466	4.9834	5.0173	4.9761	4.924	5.0423	2.5964
#3	4.8171	5.1018	4.9765	5.0308	4.9912	4.938	5.0641	2.4532

Sample Name: CCV01 Acquired: 6/17/2019 13:39:39 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1530
Stddev .3332
%RSD 10.568

#1 3.5354
#2 2.9993
#3 2.9244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3015.8	41422.	3984.0	69.246	2964.0
Stddev	11.2	83.	16.3	.839	7.2
%RSD	.36978	.19983	.40822	1.2116	.24383

#1	3004.3	41385.	3989.3	68.292	2956.7
#2	3016.4	41365.	3997.0	69.572	2964.2
#3	3026.6	41517.	3965.8	69.872	2971.2

Sample Name: LLCCV01 Acquired: 6/17/2019 13:43:38 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02092	.04302	.01390	.01932	.05465	.09503	.10754	.00655
Stddev	.00139	.00071	.00021	.00202	.00025	.00509	.00069	.00005
%RSD	6.6361	1.6481	1.5153	10.462	.46633	5.3608	.64518	.78712
#1	.02108	.04230	.01396	.02160	.05468	.08939	.10675	.00656
#2	.01946	.04372	.01367	.01861	.05489	.09930	.10805	.00659
#3	.02222	.04305	.01407	.01774	.05438	.09641	.10782	.00649
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.0622	.01082	.02917	.02283	.11441	.02354	2.1327
Stddev	.00001	.0395	.00021	.00038	.00007	.00048	.00020	.0702
%RSD	.21201	1.9138	1.9275	1.3123	.31453	.41763	.83333	3.2894
#1	.00614	2.0175	.01063	.02876	.02279	.11444	.02333	2.0758
#2	.00611	2.0768	.01078	.02951	.02279	.11391	.02358	2.2111
#3	.00613	2.0923	.01104	.02925	.02291	.11486	.02372	2.1112
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03973	.01092	1.9125	.04312	.04026	2.1264	.21524	.11567
Stddev	.00024	.00041	.0340	.00038	.00006	.0594	.00086	.00549
%RSD	.59499	3.7570	1.7756	.88115	.15149	2.7911	.39867	4.7485
#1	.03965	.01139	1.8770	.04340	.04020	2.0651	.21546	.11001
#2	.04000	.01073	1.9159	.04268	.04032	2.1306	.21597	.11600
#3	.03954	.01064	1.9447	.04327	.04025	2.1835	.21430	.12098
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00682	.42101	.04305	.04274	.02279	.0199	.02245	F .35976
Stddev	.00220	.00322	.00060	.00146	.00195	.0012	.00039	.24041
%RSD	32.231	.76448	1.3945	3.4073	8.5354	6.173	1.7565	66.826
#1	.00516	.41746	.04241	.04124	.02269	.0185	.02199	.18268
#2	.00931	.42374	.04359	.04414	.02478	.0205	.02266	.63346
#3	.00598	.42183	.04314	.04285	.02089	.0208	.02268	.26315

Sample Name: LLCCV01 Acquired: 6/17/2019 13:43:38 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .13933
Stddev	.19317
%RSD	138.64

#1	-.06988
#2	.17697
#3	.31091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.3	43216.	4086.5	72.328	3367.8
Stddev	3.4	123.	43.6	2.752	6.5
%RSD	.10919	.28532	1.0680	3.8055	.19391

#1	3137.0	43346.	4136.9	74.117	3375.1
#2	3130.2	43203.	4060.7	73.708	3362.5
#3	3132.7	43100.	4062.0	69.158	3365.7

Sample Name: CCB01 Acquired: 6/17/2019 13:48:06 Type: Unk
Method: P4-ICP2(v3206) 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	-.00197	.00145	.00011	.00019	.00159	-.02458	.00007
Stddev	.00108	.00084	.00047	.00077	.00160	.00673	.00034
%RSD	54.935	58.273	423.35	401.25	100.66	27.379	491.15

#1	-.00194	.00161	-.00041	-.00015	-.00022	-.02911	.00023
#2	-.00307	.00220	.00025	-.00035	.00218	-.01685	-.00032
#3	-.00091	.00054	.00049	.00108	.00281	-.02779	.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00008	.00231	-.00043	.00002	.00038	.00007
Stddev	.00003	.00014	.00818	.00008	.00019	.00012	.00044
%RSD	63.429	168.84	354.06	19.433	882.66	31.296	598.43

#1	-.00004	-.00006	-.00687	-.00048	-.00004	.00046	-.00040
#2	-.00007	.00009	.00880	-.00033	.00023	.00043	.00047
#3	-.00002	.00022	.00499	-.00047	-.00013	.00024	.00016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00508	-.00069	-.00017	-.23633	-.00011	.00014
Stddev	.00006	.03727	.00031	.00037	.01787	.00016	.00018
%RSD	289.88	733.34	44.398	217.12	7.5623	144.60	125.49

#1	-.00007	-.03593	-.00071	-.00022	-.24805	-.00028	-.00006
#2	-.00004	.03690	-.00037	-.00052	-.21576	-.00010	.00027
#3	.00005	.01428	-.00098	.00022	-.24517	.00004	.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00828	.00057	-.00492	F -.02703	.00053	.00060	-.00017
Stddev	.00480	.00008	.00698	.00186	.00172	.00055	.00166
%RSD	58.044	13.956	141.84	6.8660	324.51	91.300	999.21

#1	.00273	.00060	-.00354	-.02914	.00247	.00107	-.00088
#2	.01084	.00064	.00127	-.02564	-.00011	-.00000	.00173
#3	.01126	.00048	-.01250	-.02632	-.00078	.00073	-.00135

Sample Name: CCB01 Acquired: 6/17/2019 13:48:06 Type: Unk
Method: P4-ICP2(v3206) 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	-.00023	-.0004	.00007	F 1.3208	F .11887
Stddev	.00034	.0008	.00010	1.0700	.38509
%RSD	148.62	182.4	135.34	81.009	323.96
#1	.00016	-.0006	.00010	.49367	-.27325
#2	-.00045	.0004	.00016	2.5292	.49653
#3	-.00041	-.0011	-.00004	.93953	.13333
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3150.7	42984.	4049.4	71.942	3409.8
Stddev	4.1	1353.	11.0	.754	5.5
%RSD	.13095	3.1474	.27086	1.0484	.16172
#1	3147.1	43689.	4040.9	71.192	3415.9
#2	3149.8	41424.	4061.8	71.933	3405.1
#3	3155.2	43838.	4045.6	72.700	3408.4

Sample Name: K3156-04 Acquired: 6/17/2019 13:52:04 Type: Unk
Method: P4-ICP2(v3206) 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	-.00259	-.00171	.00585	.00237	.00497	.27243	.21600	.00005
Stddev	.00093	.00111	.00048	.00285	.00151	.00374	.00215	.00004
%RSD	35.819	65.042	8.1706	120.15	30.389	1.3737	.99707	76.935

#1	-.00333	-.00051	.00530	.00176	.00341	.27594	.21422	.00008
#2	-.00290	-.00190	.00621	-.00012	.00506	.26849	.21839	.00006
#3	-.00155	-.00271	.00603	.00548	.00643	.27286	.21537	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	20.419	-.00000	.00428	.01088	.32591	.56023	4.4702
Stddev	.00006	.148	.00025	.00016	.00032	.00274	.00080	.0797
%RSD	38.847	.72524	347290.	3.7794	2.9465	.83961	.14271	1.7833

#1	.00009	20.378	.00018	.00409	.01052	.32585	.56072	4.3872
#2	.00015	20.584	-.00029	.00436	.01101	.32867	.56067	4.5462
#3	.00021	20.297	.00012	.00438	.01112	.32320	.55931	4.4772

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	-.00079	310.93	.00058	.07332	.75058	.00023	.04925
Stddev	.00066	.00017	2.03	.00012	.00016	.01887	.00048	.00761
%RSD	51.923	21.343	.65365	20.147	.22332	2.5134	212.02	15.460

#1	.00086	-.00099	308.74	.00049	.07341	.73392	-.00030	.04168
#2	.00092	-.00071	312.76	.00054	.07341	.74676	.00062	.05691
#3	.00204	-.00069	311.29	.00071	.07313	.77107	.00036	.04916

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37895	1.8153	.00088	.00955	.00065	.0103	.07707	3.7897
Stddev	.00433	.0312	.00033	.00153	.00054	.0022	.00093	.0828
%RSD	1.1415	1.7191	37.725	15.996	83.492	21.54	1.2129	2.1854

#1	.38011	1.7798	.00126	.01048	.00007	.0082	.07600	3.8445
#2	.38258	1.8384	.00066	.00779	.00074	.0126	.07771	3.8302
#3	.37416	1.8277	.00070	.01039	.00113	.0099	.07750	3.6945

Sample Name: K3156-04 Acquired: 6/17/2019 13:52:04 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2378
 Stddev .8386
 %RSD 67.747

#1 .33634
 #2 1.3824
 #3 1.9947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.3	40515.	4065.0	69.978	2961.5
Stddev	9.9	225.	21.9	.588	12.3
%RSD	.33451	.55500	.53882	.83956	.41419

#1	2964.2	40391.	4089.2	69.300	2966.2
#2	2956.0	40378.	4046.4	70.342	2947.5
#3	2975.8	40774.	4059.4	70.292	2970.6

Sample Name: K3121-01 Acquired: 6/17/2019 13:56:38 Type: Unk
Method: P4-ICP2(v3206) 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	-.00834	.00600	.08175	-.00214	.01423	68.169	.26273	.00746
Stddev	.00293	.00117	.00092	.00269	.00134	.809	.00254	.00009
%RSD	35.094	19.545	1.1303	125.77	9.4115	1.1870	.96580	1.1591
#1	-.01122	.00470	.08071	-.00264	.01312	67.493	.26046	.00736
#2	-.00537	.00697	.08249	-.00454	.01572	67.947	.26225	.00752
#3	-.00844	.00632	.08204	.00077	.01385	69.065	.26547	.00750
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	61.769	.05403	.06855	.14035	337.03	2.9002	21.699
Stddev	.00021	.408	.00023	.00022	.00185	2.03	.0227	.311
%RSD	14.216	.66110	.41917	.31373	1.3150	.60255	.78184	1.4354
#1	.00161	61.657	.05377	.06838	.13911	336.55	2.8805	21.445
#2	.00165	61.429	.05420	.06879	.14247	335.28	2.8951	21.605
#3	.00126	62.222	.05411	.06848	.13947	339.26	2.9250	22.046
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12159	-.04680	.49962	.13561	.28647	5.8400	.00096	-.20379
Stddev	.00177	.00059	.01175	.00076	.00205	.0418	.00027	.01351
%RSD	1.4597	1.2712	2.3522	.56175	.71505	.71572	28.209	6.6288
#1	.12085	-.04611	.50320	.13474	.28606	5.8532	.00071	-.19103
#2	.12361	-.04719	.50917	.13595	.28869	5.7932	.00092	-.20238
#3	.12030	-.04709	.48650	.13614	.28465	5.8736	.00124	-.21794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.176	1.8759	.00606	1.0542	.08567	3.628	-.33763	<.00000
Stddev	.058	.0442	.00036	.0027	.00202	.021	.00223	.60507
%RSD	.41040	2.3559	5.8546	.25818	2.3536	.5782	.65926	4.8773
#1	14.155	1.8542	.00631	1.0513	.08691	3.625	-.33710	-12.686
#2	14.242	1.9267	.00622	1.0567	.08334	3.650	-.33571	-12.820
#3	14.132	1.8467	.00566	1.0547	.08675	3.609	-.34007	-11.711

Sample Name: K3121-01 Acquired: 6/17/2019 13:56:38 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 146.99
Stddev	.88
%RSD	.59711

#1	147.94
#2	146.81
#3	146.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.2	48490.	4788.8	68.672	2914.5
Stddev	10.6	289.	7.9	1.415	11.7
%RSD	.30440	.59551	.16395	2.0600	.40135

#1	3489.0	48600.	4780.6	67.223	2917.6
#2	3470.0	48707.	4796.3	70.050	2901.6
#3	3487.6	48162.	4789.4	68.742	2924.4

Sample Name: K3369-16 Acquired: 6/17/2019 14:01:00 Type: Unk
Method: P4-ICP2(v3206) 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	.00679	.00408	.03831	.00948	.00270	59.180	.13851	.00379
Stddev	.00294	.00042	.00031	.00069	.00041	.256	.00130	.00005
%RSD	43.335	10.280	.80752	7.3033	15.379	.43259	.93689	1.2497

#1	.00549	.00392	.03830	.00953	.00312	59.185	.13701	.00374
#2	.00472	.00456	.03800	.01015	.00268	58.922	.13927	.00380
#3	.01015	.00377	.03862	.00877	.00229	59.434	.13925	.00384

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	24.059	.07543	.05103	.07892	110.90	2.3755	19.280
Stddev	.00015	.098	.00060	.00007	.00044	.59	.0032	.138
%RSD	4.0762	.40908	.80028	.14400	.55771	.52986	.13677	.71774

#1	-.00355	23.945	.07564	.05110	.07910	110.24	2.3789	19.280
#2	-.00382	24.107	.07590	.05095	.07842	111.38	2.3752	19.142
#3	-.00379	24.124	.07475	.05104	.07924	111.08	2.3725	19.418

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07746	-.00877	.11807	.12394	.26293	5.4536	.00121	-.00085
Stddev	.00028	.00026	.00945	.00096	.00053	.0385	.00031	.00845
%RSD	.36537	2.9555	8.0078	.77547	.20049	.70632	25.499	995.68

#1	.07718	-.00849	.12817	.12499	.26354	5.4767	.00129	-.00585
#2	.07774	-.00901	.10943	.12374	.26256	5.4750	.00087	.00891
#3	.07746	-.00879	.11662	.12309	.26271	5.4092	.00146	-.00560

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22335	5.0613	.00443	1.1666	.08299	2.578	-.07000	<.00000
Stddev	.00233	.0377	.00088	.0024	.00060	.006	.00051	.11215
%RSD	1.0417	.74455	19.909	.20219	.72520	.2319	.73189	4.8307

#1	.22468	5.0390	.00404	1.1648	.08252	2.575	-.06941	-2.3308
#2	.22066	5.1048	.00544	1.1658	.08279	2.574	-.07033	-2.4288
#3	.22471	5.0400	.00381	1.1693	.08367	2.585	-.07026	-2.2051

Sample Name: K3369-16 Acquired: 6/17/2019 14:01:00 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 39.578
Stddev .292
%RSD .73840

#1 39.242
#2 39.767
#3 39.726

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.7	45111.	4346.8	70.586	3147.8
Stddev	4.5	113.	10.7	1.579	3.8
%RSD	.13863	.25059	.24621	2.2369	.12213

#1	3262.5	45019.	4352.1	70.565	3147.3
#2	3257.2	45237.	4334.5	69.018	3151.9
#3	3253.5	45077.	4353.9	72.176	3144.3

Sample Name: K3369-16DUP Acquired: 6/17/2019 14:05:26 Type: Unk
Method: P4-ICP2(v3206) 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	.00855	.00420	.03712	.01125	.00453	58.642	.13824	.00375
Stddev	.00089	.00072	.00020	.00132	.00064	.569	.00168	.00010
%RSD	10.382	17.158	.53107	11.776	14.198	.97037	1.2155	2.7633

#1	.00955	.00379	.03734	.01091	.00379	58.079	.13666	.00363
#2	.00824	.00378	.03706	.01271	.00492	59.217	.14000	.00380
#3	.00786	.00503	.03696	.01013	.00489	58.629	.13805	.00382

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00379	24.086	.07486	.05084	.07912	111.34	2.3714	19.225
Stddev	.00009	.169	.00042	.00008	.00046	.49	.0017	.254
%RSD	2.2676	.70009	.56151	.15488	.57745	.44453	.06981	1.3187

#1	-.00376	23.891	.07447	.05092	.07885	110.81	2.3697	18.939
#2	-.00389	24.175	.07531	.05085	.07965	111.43	2.3716	19.420
#3	-.00373	24.191	.07481	.05076	.07886	111.78	2.3730	19.317

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07654	-.00873	.10383	.12427	.26193	5.4354	.00112	.00212
Stddev	.00007	.00008	.00479	.00049	.00065	.0712	.00014	.01278
%RSD	.09234	.89776	4.6162	.39515	.24652	1.3100	12.095	601.76

#1	.07647	-.00877	.10296	.12382	.26267	5.3587	.00102	.00716
#2	.07652	-.00878	.09953	.12479	.26146	5.4994	.00128	-.01241
#3	.07661	-.00864	.10900	.12420	.26167	5.4481	.00107	.01162

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21694	5.1649	.00428	1.1671	.08413	2.585	-.07067	<.00000
Stddev	.00342	.0681	.00067	.0115	.00050	.010	.00039	.21093
%RSD	1.5774	1.3193	15.722	.98459	.58857	.3925	.54795	14.742

#1	.21925	5.2354	.00502	1.1590	.08448	2.597	-.07022	-1.6391
#2	.21301	5.0993	.00412	1.1620	.08356	2.580	-.07088	-1.4359
#3	.21857	5.1601	.00370	1.1802	.08434	2.580	-.07091	-1.2174

Sample Name: K3369-16DUP Acquired: 6/17/2019 14:05:26 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 40.336
Stddev .300
%RSD .74261

#1 40.573
#2 39.999
#3 40.435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.9	45095.	4325.4	71.528	3151.3
Stddev	7.9	124.	35.4	.406	2.9
%RSD	.24289	.27388	.81741	.56720	.09110

#1	3266.2	45157.	4295.4	71.231	3154.3
#2	3257.2	44952.	4364.3	71.362	3148.5
#3	3250.4	45175.	4316.4	71.990	3151.1

Sample Name: K3369-16LX5 Acquired: 6/17/2019 14:09:50 Type: Unk
Method: P4-ICP2(v3206) 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	.00152	.00202	.00769	-.00037	.00074	12.535	.02860	.00084
Stddev	.00095	.00054	.00111	.00135	.00087	.202	.00054	.00002
%RSD	62.360	26.450	14.372	365.86	117.35	1.6119	1.8851	1.9424

#1	.00161	.00233	.00707	.00092	-.00008	12.348	.02891	.00086
#2	.00053	.00141	.00704	-.00026	.00166	12.506	.02798	.00083
#3	.00243	.00233	.00897	-.00176	.00065	12.750	.02892	.00083

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	5.4868	.01598	.01028	.01841	25.846	.51900	4.1311
Stddev	.00007	.0653	.00039	.00025	.00011	.295	.00569	.0855
%RSD	5.5743	1.1905	2.4305	2.4375	.59278	1.1425	1.0966	2.0706

#1	-.00126	5.4369	.01575	.01034	.01837	25.690	.51560	4.1355
#2	-.00120	5.4629	.01576	.01000	.01853	25.661	.51583	4.0435
#3	-.00134	5.5608	.01643	.01049	.01832	26.186	.52557	4.2144

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01474	-.00233	-.14988	.02731	.09228	1.1333	.00019	.00140
Stddev	.00028	.00037	.00221	.00025	.00008	.0219	.00005	.00176
%RSD	1.9018	15.826	1.4716	.90434	.08545	1.9314	26.221	126.21

#1	.01491	-.00275	-.14897	.02752	.09227	1.1545	.00015	.00308
#2	.01489	-.00207	-.15239	.02703	.09236	1.1108	.00024	-.00044
#3	.01441	-.00218	-.14827	.02737	.09221	1.1347	.00018	.00155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02134	.88974	.00122	.25110	.01991	.5207	-.01710	.99292
Stddev	.00494	.00300	.00034	.00199	.00100	.0023	.00031	.23514
%RSD	23.159	.33742	28.008	.79171	5.0007	.4508	1.8275	23.681

#1	.02579	.89044	.00102	.25039	.01905	.5226	-.01696	.72617
#2	.01602	.88644	.00161	.24956	.01968	.5181	-.01689	1.0824
#3	.02220	.89232	.00101	.25334	.02100	.5214	-.01746	1.1701

Sample Name: K3369-16LX5 Acquired: 6/17/2019 14:09:50 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.3378
Stddev	.2436
%RSD	2.6090

#1	9.1106
#2	9.5951
#3	9.3077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.2	43631.	4107.0	70.514	3319.0
Stddev	9.3	351.	32.8	2.387	3.6
%RSD	.29307	.80388	.79942	3.3852	.10704

#1	3164.1	43741.	4070.1	73.267	3316.2
#2	3170.1	43914.	4118.3	69.258	3317.8
#3	3182.3	43239.	4132.7	69.017	3323.0

Sample Name: K3369-16MS Acquired: 6/17/2019 14:14:11 Type: Unk
Method: P4-ICP2(v3206) 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	.75167	2.0142	1.0376	1.8488	.29187	62.970	.33230	.20291
Stddev	.00219	.0010	.0019	.0042	.00011	.555	.00175	.00031
%RSD	.29171	.04997	.18354	.22654	.03802	.88134	.52613	.15400

#1	.74935	2.0148	1.0372	1.8515	.29182	62.331	.33073	.20317
#2	.75371	2.0148	1.0360	1.8511	.29180	63.246	.33418	.20256
#3	.75194	2.0131	1.0397	1.8440	.29200	63.332	.33198	.20299

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19324	22.990	.47632	.25658	.38094	99.235	2.5266	21.781
Stddev	.00005	.023	.00078	.00035	.00056	.229	.0013	.168
%RSD	.02570	.09889	.16340	.13521	.14595	.23110	.05268	.77059

#1	.19326	23.001	.47714	.25667	.38128	99.415	2.5281	21.591
#2	.19318	22.964	.47621	.25687	.38030	98.977	2.5261	21.909
#3	.19328	23.006	.47560	.25620	.38124	99.313	2.5257	21.842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58293	.06462	3.1009	.40363	.45592	15.177	.36298	.25599
Stddev	.00024	.00102	.0145	.00186	.00042	.103	.00021	.01000
%RSD	.04096	1.5843	.46808	.46093	.09161	.67741	.05783	3.9057

#1	.58291	.06349	3.0844	.40292	.45545	15.060	.36305	.24841
#2	.58270	.06549	3.1119	.40574	.45603	15.255	.36275	.26732
#3	.58318	.06487	3.1062	.40223	.45626	15.215	.36315	.25223

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19519	4.2958	.66563	1.2278	.30084	8.362	.15054	<.00000
Stddev	.00348	.0126	.00119	.0050	.00144	.016	.00094	.30307
%RSD	1.7843	.29388	.17861	.40336	.47703	.1888	.62122	22.342

#1	.19897	4.2827	.66517	1.2252	.29931	8.379	.14950	-1.0182
#2	.19211	4.2969	.66698	1.2336	.30216	8.361	.15132	-1.4481
#3	.19449	4.3079	.66474	1.2247	.30104	8.347	.15079	-1.6033

Sample Name: K3369-16MS Acquired: 6/17/2019 14:14:11 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	32.590
Stddev	.701
%RSD	2.1512

#1	33.184
#2	32.771
#3	31.817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3254.3	44995.	4255.9	70.758	3129.8
Stddev	3.3	60.	8.1	.389	3.8
%RSD	.10277	.13418	.19110	.54916	.12156

#1	3258.0	45051.	4246.6	70.577	3129.7
#2	3251.6	44931.	4261.5	71.204	3126.1
#3	3253.3	45003.	4259.7	70.494	3133.7

Sample Name: K3369-16MSD Acquired: 6/17/2019 14:18:22 Type: Unk
Method: P4-ICP2(v3206) 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	.75490	2.0202	1.0361	1.8584	.29305	63.389	.33285	.20329
Stddev	.00309	.0054	.0012	.0029	.00084	.392	.00217	.00054
%RSD	.40982	.26736	.11597	.15727	.28517	.61896	.65141	.26436
#1	.75245	2.0171	1.0375	1.8598	.29244	62.937	.33072	.20269
#2	.75837	2.0171	1.0352	1.8603	.29400	63.643	.33279	.20342
#3	.75387	2.0265	1.0358	1.8550	.29270	63.586	.33505	.20374
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19218	23.066	.47641	.25566	.38102	99.723	2.5332	21.714
Stddev	.00051	.101	.00157	.00023	.00114	.354	.0055	.121
%RSD	.26344	.43835	.32934	.08945	.29830	.35468	.21621	.55810
#1	.19264	22.963	.47488	.25591	.38166	99.315	2.5275	21.609
#2	.19164	23.071	.47631	.25545	.38169	99.945	2.5336	21.687
#3	.19227	23.165	.47802	.25562	.37971	99.909	2.5384	21.847
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58388	.06504	3.0985	.40464	.45603	15.139	.36415	.25836
Stddev	.00154	.00053	.0203	.00099	.00060	.114	.00039	.00328
%RSD	.26447	.81228	.65385	.24455	.13260	.75043	.10641	1.2677
#1	.58477	.06447	3.0758	.40541	.45667	15.010	.36454	.25458
#2	.58478	.06515	3.1051	.40353	.45547	15.184	.36413	.26026
#3	.58210	.06551	3.1146	.40500	.45593	15.223	.36377	.26024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18988	4.3318	.66701	1.2360	.29844	8.367	.15052	<.00000
Stddev	.00311	.0165	.00207	.0049	.00108	.006	.00066	.22654
%RSD	1.6397	.38058	.31024	.39653	.36230	.0692	.43800	13.945
#1	.18691	4.3434	.66939	1.2311	.29770	8.361	.14995	-1.8860
#2	.18963	4.3129	.66596	1.2409	.29794	8.368	.15124	-1.5021
#3	.19312	4.3391	.66567	1.2360	.29968	8.373	.15037	-1.4855

Sample Name: K3369-16MSD Acquired: 6/17/2019 14:18:22 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	32.909
Stddev	.469
%RSD	1.4253

#1	32.560
#2	33.442
#3	32.724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.3	45011.	4251.8	69.299	3127.6
Stddev	2.5	168.	9.1	.834	4.4
%RSD	.07755	.37235	.21319	1.2041	.14109

#1	3250.8	45204.	4258.3	68.874	3132.2
#2	3245.8	44922.	4241.5	70.260	3127.3
#3	3248.4	44905.	4255.8	68.762	3123.3

Sample Name: K3154-01 Acquired: 6/17/2019 14:26:44 Type: Unk
Method: P4-ICP2(v3206) 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	.03608	.00289	.90578	.00955	.00402	133.89	1.1178	.01017
Stddev	.00180	.00098	.00109	.00031	.00036	.75	.0104	.00016
%RSD	4.9878	33.716	.11999	3.2555	8.8851	.56151	.93525	1.5785

#1	.03805	.00370	.90700	.00979	.00426	133.75	1.1164	.00999
#2	.03452	.00318	.90490	.00965	.00361	134.70	1.1289	.01021
#3	.03567	.00181	.90546	.00920	.00418	133.21	1.1081	.01030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	144.07	.20921	.11890	.41048	213.42	4.4577	49.658
Stddev	.00023	1.05	.00062	.00038	.00175	.25	.0326	.486
%RSD	27.149	.73208	.29467	.32113	.42613	.11836	.73229	.97898

#1	.00082	143.57	.20896	.11903	.41238	213.15	4.4403	49.427
#2	.00064	145.28	.20876	.11846	.40893	213.65	4.4374	50.217
#3	.00110	143.35	.20992	.11919	.41015	213.47	4.4954	49.330

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21982	-.02085	9.3746	.40751	1.4307	14.844	.00585	-.04736
Stddev	.00099	.00036	.0830	.00137	.0016	.194	.00017	.00438
%RSD	.45244	1.7477	.88584	.33730	.11068	1.3098	2.8632	9.2516

#1	.21926	-.02091	9.3618	.40707	1.4292	14.798	.00600	-.04480
#2	.22097	-.02119	9.4633	.40641	1.4324	15.057	.00567	-.05242
#3	.21923	-.02046	9.2987	.40905	1.4304	14.677	.00586	-.04486

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9424	3.2493	.06118	3.3379	.18925	6.274	.42506	<.00000
Stddev	.0130	.0082	.00052	.0071	.00050	.013	.00249	.16860
%RSD	.32969	.25219	.84905	.21251	.26221	.2008	.58556	1.9266

#1	3.9304	3.2493	.06158	3.3313	.18874	6.263	.42220	-8.7728
#2	3.9562	3.2575	.06136	3.3454	.18928	6.288	.42672	-8.5730
#3	3.9404	3.2411	.06059	3.3371	.18973	6.272	.42626	-8.9082

Sample Name: K3154-01 Acquired: 6/17/2019 14:26:44 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 89.018
 Stddev .212
 %RSD .23860

#1 88.963
 #2 88.838
 #3 89.252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.5	49632.	4969.2	67.566	2805.7
Stddev	12.8	93.	28.9	2.253	4.0
%RSD	.35709	.18667	.58177	3.3341	.14364

#1	3572.8	49627.	4976.5	66.392	2808.4
#2	3593.5	49542.	4993.7	70.163	2801.1
#3	3596.3	49727.	4937.3	66.142	2807.6

Sample Name: K3154-03 Acquired: 6/17/2019 14:31:17 Type: Unk
Method: P4-ICP2(v3206) 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	.03452	.00277	.86776	.00993	.00324	137.47	1.0740	.01152
Stddev	.00107	.00101	.00299	.00325	.00170	.82	.0067	.00015
%RSD	3.0881	36.464	.34501	32.756	52.379	.59305	.62041	1.2811

#1	.03363	.00394	.86880	.00736	.00128	136.60	1.0701	.01135
#2	.03570	.00214	.86438	.00883	.00428	138.21	1.0817	.01159
#3	.03423	.00224	.87009	.01358	.00416	137.59	1.0703	.01162

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	91.483	.22957	.12217	.34685	191.48	4.8331	47.095
Stddev	.00033	.606	.00053	.00050	.00188	1.24	.0183	.301
%RSD	24.023	.66227	.22886	.41239	.54167	.64683	.37878	.63814

#1	.00153	90.863	.23003	.12177	.34899	190.32	4.8180	47.002
#2	.00099	92.074	.22968	.12273	.34610	192.78	4.8535	47.431
#3	.00158	91.514	.22900	.12200	.34546	191.35	4.8278	46.852

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20732	-.01738	14.387	.34936	1.4185	14.707	.00347	-.03211
Stddev	.00120	.00016	.088	.00038	.0046	.123	.00014	.00942
%RSD	.57889	.91857	.60839	.10875	.32171	.83438	4.0051	29.342

#1	.20823	-.01756	14.317	.34924	1.4171	14.655	.00333	-.02678
#2	.20777	-.01725	14.485	.34978	1.4147	14.847	.00361	-.02657
#3	.20596	-.01734	14.359	.34905	1.4235	14.619	.00347	-.04299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8520	6.4473	.05610	3.9490	.17996	6.453	.19285	<.00000
Stddev	.0078	.0975	.00043	.0187	.00098	.008	.00330	.20791
%RSD	.27411	1.5125	.76930	.47421	.54292	.1231	1.7112	1.9375

#1	2.8609	6.5109	.05659	3.9395	.17898	6.461	.19633	-10.618
#2	2.8466	6.4960	.05594	3.9706	.18094	6.452	.19244	-10.604
#3	2.8483	6.3351	.05577	3.9369	.17997	6.445	.18977	-10.971

Sample Name: K3154-03 Acquired: 6/17/2019 14:31:17 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 78.858
 Stddev .879
 %RSD 1.1152

#1 79.797
 #2 78.723
 #3 78.054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.9	51328.	5139.3	66.772	2857.6
Stddev	5.5	121.	33.6	.051	7.2
%RSD	.14858	.23600	.65384	.07595	.25317

#1	3716.6	51450.	5100.7	66.816	2858.8
#2	3727.6	51207.	5155.5	66.717	2864.1
#3	3721.6	51328.	5161.8	66.783	2849.8

Sample Name: K3369-16A Acquired: 6/17/2019 14:35:50 Type: Unk
Method: P4-ICP2(v3206) 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	.75123	2.0104	1.0341	1.8539	.29658	63.705	.33459	.20323
Stddev	.00394	.0081	.0042	.0037	.00005	.527	.00334	.00052
%RSD	.52428	.40084	.40360	.19979	.01667	.82690	.99811	.25516

#1	.74669	2.0156	1.0388	1.8578	.29662	63.241	.33301	.20280
#2	.75369	2.0011	1.0308	1.8535	.29660	63.597	.33234	.20308
#3	.75331	2.0146	1.0328	1.8504	.29653	64.277	.33843	.20381

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19159	23.271	.47715	.25477	.38366	101.08	2.5376	21.839
Stddev	.00005	.008	.00193	.00011	.00026	.35	.0032	.173
%RSD	.02568	.03588	.40544	.04253	.06775	.34720	.12592	.79410

#1	.19165	23.264	.47492	.25473	.38336	101.45	2.5347	21.640
#2	.19156	23.280	.47837	.25469	.38376	101.03	2.5369	21.920
#3	.19156	23.269	.47815	.25490	.38385	100.75	2.5410	21.957

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58006	.06466	3.0870	.40638	.45414	15.265	.36462	.24738
Stddev	.00134	.00061	.0327	.00100	.00079	.126	.00053	.00743
%RSD	.23156	.93981	1.0585	.24571	.17345	.82798	.14569	3.0038

#1	.58133	.06420	3.0573	.40533	.45357	15.124	.36474	.24492
#2	.57865	.06535	3.0817	.40732	.45381	15.303	.36403	.24150
#3	.58020	.06443	3.1220	.40649	.45504	15.368	.36507	.25573

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19214	4.8027	.66401	1.2364	.30164	8.364	.14819	<.00000
Stddev	.00651	.0235	.00178	.0062	.00044	.008	.00054	.08545
%RSD	3.3902	.48976	.26784	.50367	.14437	.0909	.36108	5.3953

#1	.19965	4.7965	.66352	1.2292	.30214	8.372	.14783	-1.4940
#2	.18817	4.8287	.66598	1.2405	.30141	8.358	.14793	-1.6641
#3	.18858	4.7828	.66252	1.2394	.30136	8.361	.14880	-1.5932

Sample Name: K3369-16A Acquired: 6/17/2019 14:35:50 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	32.851
Stddev	.586
%RSD	1.7826

#1	32.225
#2	33.385
#3	32.944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.9	44776.	4231.1	68.439	3138.7
Stddev	3.9	93.	23.7	1.086	6.0
%RSD	.12076	.20780	.56064	1.5868	.19211

#1	3238.6	44855.	4209.9	68.060	3133.2
#2	3246.4	44800.	4226.6	69.664	3145.1
#3	3243.6	44673.	4256.7	67.593	3137.8

Sample Name: CCV02 Acquired: 6/17/2019 14:40:02 Type: Unk
Method: P4-ICP2(v3206) 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	5.0065	5.0430	4.9690	4.9835	4.9917	9.9477	10.034	.25638
Stddev	.0139	.0079	.0047	.0005	.0055	.0942	.068	.00081
%RSD	.27732	.15743	.09535	.01061	.11064	.94689	.67573	.31646
#1	5.0170	5.0455	4.9733	4.9831	4.9965	9.8535	9.9842	.25723
#2	4.9908	5.0342	4.9639	4.9834	4.9930	10.042	10.111	.25630
#3	5.0118	5.0494	4.9698	4.9841	4.9857	9.9476	10.007	.25561
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4392	25.104	1.0222	2.4613	1.2832	5.2943	2.5982	25.372
Stddev	.0021	.218	.0011	.0025	.0022	.0063	.0018	.247
%RSD	.08440	.86704	.10939	.10333	.17042	.11839	.06793	.97360
#1	2.4416	24.968	1.0217	2.4613	1.2846	5.2871	2.5994	25.105
#2	2.4380	25.355	1.0235	2.4588	1.2807	5.2973	2.5991	25.592
#3	2.4380	24.990	1.0214	2.4639	1.2843	5.2985	2.5962	25.421
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4540	1.2673	24.701	2.5483	2.4395	25.180	5.0308	5.0104
Stddev	.0008	.0038	.160	.0022	.0026	.229	.0103	.0232
%RSD	.03112	.30305	.64845	.08843	.10632	.90989	.20515	.46215
#1	2.4533	1.2639	24.592	2.5504	2.4422	25.143	5.0398	5.0167
#2	2.4540	1.2715	24.885	2.5487	2.4371	25.426	5.0195	5.0298
#3	2.4548	1.2667	24.626	2.5459	2.4391	24.972	5.0332	4.9848
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7827	5.1602	4.9299	5.0678	5.0198	4.983	5.0351	F 3.3552
Stddev	.0028	.0430	.0112	.0078	.0168	.010	.0213	.1967
%RSD	.05876	.83381	.22617	.15405	.33410	.1982	.42372	5.8637
#1	4.7795	5.1733	4.9407	5.0632	5.0236	4.994	5.0411	3.5816
#2	4.7844	5.1122	4.9185	5.0634	5.0014	4.974	5.0114	3.2254
#3	4.7843	5.1952	4.9304	5.0768	5.0343	4.981	5.0528	3.2587

Sample Name: CCV02 Acquired: 6/17/2019 14:40:02 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.8322
Stddev .4740
%RSD 12.368

#1 3.3063
#2 3.9640
#3 4.2263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.9	41469.	3968.4	67.467	2983.4
Stddev	8.3	153.	27.0	1.166	7.2
%RSD	.27563	.36920	.68008	1.7288	.24131

#1	3007.4	41500.	3946.7	68.511	2975.4
#2	3022.7	41303.	3998.6	66.208	2985.4
#3	3020.6	41605.	3959.9	67.681	2989.4

Sample Name: CCB02 Acquired: 6/17/2019 14:44:00 Type: Unk
Method: P4-ICP2(v3206) 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	-.00098	.00147	.00180	.00038	.00176	-.00360	-.00108	-.00001
Stddev	.00240	.00120	.00021	.00261	.00137	.00240	.00025	.00004
%RSD	244.69	81.808	11.672	683.93	77.722	66.643	23.501	333.46

#1	-.00016	.00115	.00203	.00271	.00292	-.00087	-.00079	-.00003
#2	-.00369	.00279	.00175	-.00244	.00209	-.00455	-.00120	-.00003
#3	.00090	.00046	.00162	.00088	.00025	-.00539	-.00126	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00617	-.00016	.00011	.00086	.00352	.00017	.01715
Stddev	.00005	.01537	.00013	.00009	.00036	.00013	.00005	.05936
%RSD	71.937	249.10	80.140	76.023	42.358	3.7237	28.920	346.09

#1	.00001	.02391	-.00001	.00015	.00045	.00340	.00014	.08405
#2	.00009	-.00259	-.00025	.00001	.00114	.00366	.00015	-.00338
#3	.00010	-.00282	-.00023	.00018	.00098	.00349	.00023	-.02921

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	-.00049	-.33771	.00038	.00034	.06232	.00120	.00004
Stddev	.00036	.00011	.00558	.00027	.00004	.04624	.00020	.00834
%RSD	58.855	22.138	1.6526	69.982	12.063	74.195	16.371	22518.

#1	-.00086	-.00046	-.34082	.00016	.00030	.07064	.00143	-.00774
#2	-.00078	-.00040	-.34105	.00068	.00038	.01249	.00114	.00884
#3	-.00020	-.00061	-.33127	.00030	.00034	.10383	.00105	-.00099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05940	.00570	.00051	.00208	.00255	-.0003	.00017	.13421
Stddev	.00029	.00154	.00070	.00072	.00120	.0009	.00006	.26057
%RSD	.48848	26.985	136.27	34.670	47.112	319.5	31.581	194.15

#1	-.05968	.00723	.00118	.00240	.00224	.0004	.00013	.41766
#2	-.05910	.00572	-.00021	.00258	.00388	-.0012	.00016	.07987
#3	-.05943	.00415	.00056	.00125	.00154	.0000	.00024	-.09490

Sample Name: CCB02 Acquired: 6/17/2019 14:44:00 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.88955
Stddev	.36367
%RSD	40.883

#1	.58946
#2	1.2940
#3	.78521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.1	43616.	4000.1	69.686	3433.3
Stddev	8.5	112.	26.9	.820	7.3
%RSD	.27009	.25755	.67263	1.1771	.21331

#1	3138.9	43667.	4014.5	68.825	3433.0
#2	3139.5	43487.	4016.7	70.458	3426.1
#3	3153.9	43694.	3969.0	69.775	3440.7

Sample Name: K3154-05 Acquired: 6/17/2019 15:17:17 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02666	.00303	.62100	.00888	.00328	137.57	.93015	.00908
Stddev	.00433	.00022	.00058	.00152	.00041	.87	.00380	.00018
%RSD	16.255	7.2591	.09388	17.067	12.542	.63393	.40870	2.0347

#1	.02254	.00321	.62162	.00889	.00376	136.66	.92585	.00898
#2	.03118	.00310	.62046	.01040	.00304	137.66	.93308	.00897
#3	.02627	.00279	.62093	.00737	.00305	138.39	.93151	.00929

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	137.55	.19384	.10202	.30087	192.55	5.5067	56.099
Stddev	.00017	.49	.00180	.00025	.00029	.80	.0292	.245
%RSD	20.359	.35686	.92809	.24957	.09542	.41662	.52976	.43607

#1	-.00080	136.98	.19252	.10227	.30105	192.92	5.4808	55.866
#2	-.00098	137.81	.19311	.10202	.30054	193.10	5.5383	56.354
#3	-.00065	137.86	.19589	.10176	.30102	191.63	5.5010	56.077

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17995	-.01619	9.2701	.33606	1.3344	13.722	.00371	-.04558
Stddev	.00095	.00028	.0477	.00130	.0022	.057	.00013	.00705
%RSD	.52669	1.7241	.51428	.38573	.16202	.41484	3.5882	15.459

#1	.18093	-.01591	9.2153	.33534	1.3365	13.679	.00358	-.05077
#2	.17989	-.01618	9.2927	.33528	1.3345	13.786	.00371	-.04840
#3	.17904	-.01647	9.3023	.33755	1.3322	13.700	.00385	-.03756

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7637	5.9178	.03715	2.7644	.17181	5.014	.26353	<.00000
Stddev	.0007	.0417	.00063	.0171	.00025	.016	.00211	.32059
%RSD	.02609	.70500	1.7055	.61727	.14441	.3265	.80024	4.4972

#1	2.7630	5.8971	.03740	2.7484	.17176	5.033	.26449	-6.8092
#2	2.7645	5.8905	.03762	2.7625	.17159	5.005	.26112	-7.1265
#3	2.7636	5.9658	.03643	2.7824	.17208	5.004	.26500	-7.4504

Sample Name: K3154-05 Acquired: 6/17/2019 15:17:17 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 71.082
 Stddev .593
 %RSD .83468

#1 70.763
 #2 70.716
 #3 71.766

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.5	47283.	4792.3	66.958	2825.0
Stddev	2.4	51.	19.7	.185	3.6
%RSD	.06887	.10869	.41108	.27600	.12728

#1	3440.3	47343.	4770.4	67.056	2821.4
#2	3444.2	47257.	4808.6	67.073	2828.6
#3	3439.9	47251.	4797.9	66.745	2825.1

Sample Name: K3154-09 Acquired: 6/17/2019 15:21:52 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02904	.00280	.96922	.00789	.00331	122.76	.90214	.00863
Stddev	.00082	.00149	.00178	.00387	.00140	.32	.00507	.00010
%RSD	2.8128	53.266	.18348	49.007	42.225	.26004	.56249	1.1171

#1	.02812	.00453	.96720	.00485	.00478	122.52	.89941	.00863
#2	.02932	.00184	.97054	.01224	.00315	123.13	.90800	.00854
#3	.02968	.00205	.96992	.00658	.00200	122.64	.89901	.00873

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	223.99	.21230	.11350	.36239	195.67	3.8229	74.017
Stddev	.00014	1.19	.00149	.00032	.00103	1.04	.0196	.289
%RSD	16.422	.52997	.70059	.28405	.28559	.53143	.51355	.39082

#1	.00077	223.61	.21061	.11343	.36179	195.59	3.8039	73.725
#2	.00080	225.32	.21339	.11321	.36179	196.75	3.8431	74.303
#3	.00103	223.04	.21291	.11385	.36358	194.68	3.8217	74.023

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20010	-.01695	6.6555	.39927	1.4804	13.410	.00848	.03681
Stddev	.00093	.00040	.0357	.00129	.0032	.070	.00026	.00588
%RSD	.46602	2.3886	.53692	.32202	.21640	.52438	3.0077	15.985

#1	.19925	-.01713	6.6497	.39924	1.4777	13.366	.00835	.03802
#2	.19995	-.01649	6.6938	.39801	1.4795	13.491	.00832	.03042
#3	.20110	-.01723	6.6230	.40058	1.4840	13.372	.00878	.04200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4060	3.5330	.03759	3.9201	.17563	6.306	.62900	<.00000
Stddev	.0179	.0358	.00034	.0076	.00164	.016	.00204	.03139
%RSD	.21270	1.0141	.91508	.19258	.93225	.2579	.32465	.36815

#1	8.3895	3.5592	.03736	3.9115	.17374	6.295	.62668	-8.4922
#2	8.4036	3.4922	.03799	3.9255	.17670	6.298	.63054	-8.5525
#3	8.4250	3.5476	.03743	3.9233	.17644	6.324	.62977	-8.5377

Sample Name: K3154-09 Acquired: 6/17/2019 15:21:52 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	75.510
Stddev	1.233
%RSD	1.6328

#1	75.165
#2	74.487
#3	76.879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.3	48195.	4872.8	65.176	2754.8
Stddev	8.9	244.	15.9	1.003	6.9
%RSD	.25468	.50623	.32708	1.5388	.25150

#1	3513.0	48357.	4889.7	64.240	2760.6
#2	3509.8	47915.	4858.0	66.235	2756.8
#3	3496.2	48314.	4870.9	65.052	2747.1

Sample Name: K3154-11 Acquired: 6/17/2019 15:26:26 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03637	.00213	1.0582	.01113	.00298	114.44	.96511	.00848
Stddev	.00094	.00067	.0046	.00518	.00028	.39	.00681	.00007
%RSD	2.5835	31.569	.43778	46.592	9.3595	.33974	.70588	.79428

#1	.03721	.00283	1.0620	.00941	.00266	114.89	.97253	.00841
#2	.03655	.00149	1.0530	.01695	.00316	114.18	.96365	.00852
#3	.03536	.00205	1.0596	.00701	.00313	114.27	.95914	.00853

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	154.69	.19504	.10695	.43110	190.47	4.0424	78.878
Stddev	.00048	.68	.00088	.00015	.00100	1.47	.0280	.304
%RSD	32.733	.44260	.45292	.14324	.23301	.77184	.69283	.38576

#1	.00195	155.14	.19403	.10701	.43097	189.35	4.0451	79.072
#2	.00099	155.03	.19546	.10706	.43017	192.13	4.0690	79.034
#3	.00145	153.90	.19564	.10678	.43216	189.93	4.0132	78.527

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15607	-.01696	8.7305	.34792	1.6268	15.246	.00760	-.05769
Stddev	.00071	.00036	.0447	.00119	.0048	.073	.00035	.00530
%RSD	.45729	2.0944	.51178	.34150	.29732	.47568	4.5859	9.1889

#1	.15604	-.01659	8.7724	.34777	1.6324	15.326	.00770	-.05894
#2	.15538	-.01701	8.7357	.34917	1.6235	15.225	.00788	-.05188
#3	.15680	-.01729	8.6835	.34681	1.6246	15.186	.00721	-.06226

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6809	3.0357	.06669	2.6804	.17442	7.748	.20453	<.00000
Stddev	.0083	.0344	.00155	.0049	.00085	.009	.00231	.35807
%RSD	.17635	1.1341	2.3180	.18333	.48687	.1169	1.1305	3.6157

#1	4.6755	3.0286	.06839	2.6795	.17401	7.743	.20706	-9.7138
#2	4.6904	3.0054	.06537	2.6760	.17385	7.742	.20253	-9.6797
#3	4.6768	3.0731	.06630	2.6857	.17540	7.758	.20400	-10.316

Sample Name: K3154-11 Acquired: 6/17/2019 15:26:26 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 77.043
 Stddev .977
 %RSD 1.2685

#1 76.012
 #2 77.159
 #3 77.957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3649.1	50074.	5077.3	65.946	2768.1
Stddev	5.0	165.	9.6	1.271	5.1
%RSD	.13603	.32859	.18994	1.9275	.18589

#1	3643.4	49962.	5087.4	64.782	2762.2
#2	3651.6	49997.	5068.2	67.302	2771.5
#3	3652.4	50263.	5076.2	65.754	2770.6

Sample Name: K3154-13 Acquired: 6/17/2019 15:31:00 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02358	.00360	1.1346	.01184	.00236	101.14	1.0025	.00715
Stddev	.00034	.00146	.0019	.00338	.00208	.51	.0065	.00010
%RSD	1.4406	40.517	.17167	28.523	88.318	.50669	.64492	1.4550

#1	.02347	.00352	1.1337	.01500	.00471	101.21	.99913	.00727
#2	.02331	.00510	1.1333	.01226	.00075	101.62	1.0100	.00710
#3	.02396	.00219	1.1369	.00828	.00162	100.60	.99844	.00709

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	110.25	.17096	.11066	.61014	187.00	3.1392	41.386
Stddev	.00005	.65	.00080	.00054	.00083	.43	.0078	.247
%RSD	93.534	.58874	.46659	.48960	.13525	.23001	.25001	.59622

#1	-.00000	109.85	.17090	.11128	.60959	187.09	3.1335	41.144
#2	-.00005	111.00	.17019	.11029	.60974	187.38	3.1361	41.637
#3	-.00009	109.90	.17178	.11040	.61109	186.53	3.1482	41.376

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15085	-.01498	6.6711	.35104	1.6659	18.044	.00887	.01751
Stddev	.00024	.00082	.0432	.00200	.0043	.086	.00027	.00455
%RSD	.15703	5.4448	.64688	.56886	.25649	.47815	3.0821	26.009

#1	.15106	-.01408	6.6430	.34900	1.6660	17.958	.00888	.02213
#2	.15090	-.01518	6.7208	.35114	1.6615	18.130	.00859	.01303
#3	.15060	-.01567	6.6495	.35299	1.6701	18.044	.00914	.01736

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9100	2.2046	.04949	3.6502	.15823	F 10.27	.18156	<.00000
Stddev	.0088	.0474	.00086	.0191	.00036	.02	.00109	.25427
%RSD	.17834	2.1479	1.7461	.52381	.22483	.2118	.60221	2.6719

#1	4.9046	2.2217	.05010	3.6301	.15849	10.26	.18132	-9.5762
#2	4.9053	2.1511	.04850	3.6523	.15837	10.25	.18060	-9.7357
#3	4.9201	2.2410	.04988	3.6681	.15782	10.29	.18275	-9.2378

Sample Name: K3154-13 Acquired: 6/17/2019 15:31:00 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	72.524
Stddev	.590
%RSD	.81308

#1	71.919
#2	73.097
#3	72.557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.6	49782.	4906.0	65.742	2857.9
Stddev	5.5	118.	31.0	1.384	4.9
%RSD	.15038	.23723	.63165	2.1055	.17218

#1	3620.3	49908.	4913.4	65.212	2852.6
#2	3629.4	49674.	4932.6	64.701	2862.2
#3	3630.0	49763.	4872.0	67.313	2859.0

Sample Name: K3366-04 Acquired: 6/17/2019 15:35:24 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BRANCH-LEAVE Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00450	-.00409	.02711	.00659	.02118	1.3720	.21459	.00004
Stddev	.00275	.00080	.00010	.00117	.00091	.0161	.00256	.00006
%RSD	61.026	19.457	.35826	17.745	4.2822	1.1736	1.1907	157.44
#1	-.00165	-.00500	.02715	.00783	.02130	1.3881	.21748	.00001
#2	-.00473	-.00371	.02700	.00552	.02022	1.3721	.21368	-.00000
#3	-.00713	-.00355	.02718	.00641	.02202	1.3559	.21262	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00830	77.573	.00316	.00088	.13486	3.9938	1.9424	21.699
Stddev	.00002	1.188	.00031	.00017	.00104	.0723	.0349	.198
%RSD	.29021	1.5312	9.8396	19.414	.76788	1.8111	1.7951	.91196
#1	.00829	78.942	.00347	.00071	.13470	4.0761	1.9823	21.926
#2	.00833	76.813	.00318	.00088	.13597	3.9403	1.9174	21.598
#3	.00828	76.964	.00285	.00105	.13392	3.9652	1.9276	21.571
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01086	.00034	.32617	.00586	.70736	147.03	.00300	.45960
Stddev	.00010	.00058	.00991	.00053	.00291	2.42	.00043	.00977
%RSD	.92176	169.56	3.0378	8.9946	.41115	1.6487	14.292	2.1256
#1	.01074	.00070	.33173	.00647	.71047	149.82	.00349	.45977
#2	.01090	-.00033	.33204	.00554	.70689	145.40	.00274	.46928
#3	.01092	.00065	.31473	.00557	.70471	145.89	.00276	.44975
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.790	1.7193	-.00104	.06563	.00582	F 18.24	.17740	3.1915
Stddev	.067	.0141	.00077	.00103	.00074	.04	.00043	.5423
%RSD	.45079	.82086	73.908	1.5701	12.700	.2044	.24016	16.991
#1	14.863	1.7356	-.00174	.06678	.00625	18.28	.17696	3.8078
#2	14.733	1.7110	-.00116	.06479	.00497	18.20	.17744	2.7875
#3	14.774	1.7114	-.00022	.06533	.00624	18.23	.17781	2.9793

Sample Name: K3366-04 Acquired: 6/17/2019 15:35:24 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BRANCH-LEAVE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9405
Stddev	.4719
%RSD	24.319

#1	1.3962
#2	2.1894
#3	2.2358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.1	39913.	3996.4	67.140	3034.4
Stddev	11.0	661.	13.5	1.737	12.3
%RSD	.38160	1.6570	.33763	2.5879	.40525

#1	2880.4	39152.	3997.4	65.270	3020.2
#2	2900.2	40351.	4009.3	67.447	3041.9
#3	2898.7	40235.	3982.4	68.704	3041.2

Sample Name: K3156-04DUP Acquired: 6/17/2019 15:39:41 Type: Unk
Method: P4-ICP2(v3206) 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	-.00534	-.00179	.00643	.00061	.00375	.26395	.22400	.00010
Stddev	.00207	.00066	.00058	.00150	.00038	.01408	.00101	.00004
%RSD	38.740	36.735	9.0404	247.13	10.148	5.3347	.45312	40.001

#1	-.00420	-.00254	.00637	.00036	.00417	.24998	.22375	.00005
#2	-.00409	-.00131	.00703	-.00076	.00368	.26373	.22511	.00013
#3	-.00772	-.00152	.00587	.00222	.00342	.27814	.22313	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	21.142	-.00032	.00394	.01196	.43114	.58148	4.5658
Stddev	.00006	.150	.00030	.00002	.00025	.01069	.00062	.0819
%RSD	34.759	.70813	91.883	.58830	2.0563	2.4805	.10693	1.7946

#1	.00011	20.988	-.00010	.00397	.01180	.44180	.58078	4.4955
#2	.00018	21.287	-.00066	.00392	.01224	.43121	.58171	4.6558
#3	.00023	21.153	-.00021	.00394	.01183	.42041	.58196	4.5462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	-.00015	319.63	.00064	.07209	.88703	.00009	.03811
Stddev	.00013	.00039	2.86	.00011	.00011	.04788	.00029	.01162
%RSD	13.484	262.17	.89377	16.629	.15750	5.3974	337.19	30.494

#1	.00109	-.00046	316.39	.00052	.07214	.83662	-.00001	.04793
#2	.00090	.00029	320.71	.00071	.07218	.89258	.00041	.02528
#3	.00085	-.00027	321.78	.00068	.07196	.93189	-.00014	.04112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36939	1.8389	.00036	.00617	.00359	.0095	.07935	3.6666
Stddev	.00539	.0209	.00054	.00079	.00081	.0008	.00006	.1315
%RSD	1.4592	1.1341	152.40	12.869	22.422	8.822	.07690	3.5866

#1	.37540	1.8569	.00093	.00526	.00450	.0091	.07936	3.6785
#2	.36776	1.8161	.00027	.00668	.00330	.0104	.07941	3.7917
#3	.36500	1.8437	-.00014	.00659	.00297	.0089	.07929	3.5295

Sample Name: K3156-04DUP Acquired: 6/17/2019 15:39:41 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1412
Stddev	.2703
%RSD	23.690

#1	.93925
#2	1.0360
#3	1.4483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.9	39545.	3947.5	69.247	2939.4
Stddev	6.1	138.	29.3	1.217	4.1
%RSD	.20781	.34950	.74330	1.7573	.13887

#1	2908.6	39430.	3919.3	69.367	2935.1
#2	2912.6	39506.	3977.9	70.400	2943.2
#3	2920.5	39699.	3945.3	67.975	2939.9

Sample Name: K3156-04MS Acquired: 6/17/2019 15:44:12 Type: Unk
Method: P4-ICP2(v3206) 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	.79835	1.8900	.97962	2.0646	.81824	2.4697	.43885	.21100	.19633
Stddev	.00359	.0017	.00222	.0079	.00293	.0026	.00347	.00029	.00039
%RSD	.44959	.09019	.22636	.38082	.35824	.10641	.79093	.13912	.20037

#1	.79793	1.8920	.98045	2.0671	.81663	2.4681	.43563	.21069	.19607
#2	.79499	1.8893	.97711	2.0558	.81647	2.4727	.44253	.21105	.19614
#3	.80213	1.8888	.98131	2.0709	.82163	2.4683	.43841	.21127	.19678

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.371	.43175	.20439	.32404	3.6307	.79034	6.7068	.49706	.07543
Stddev	.239	.00153	.00028	.00059	.0031	.00016	.0993	.00075	.00078
%RSD	1.0705	.35361	.13847	.18080	.08544	.02017	1.4802	.15060	1.0351

#1	22.234	.43250	.20439	.32410	3.6274	.79024	6.5951	.49752	.07521
#2	22.648	.43275	.20467	.32343	3.6313	.79026	6.7848	.49620	.07630
#3	22.232	.42999	.20410	.32459	3.6335	.79052	6.7405	.49748	.07478

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	314.66	.32797	.27448	11.926	.41734	.34481	.34985	2.9019	.68330
Stddev	3.82	.00039	.00138	.138	.00089	.01160	.00602	.0287	.00101
%RSD	1.2149	.12031	.50207	1.1530	.21255	3.3631	1.7194	.98838	.14839

#1	310.25	.32756	.27418	11.897	.41807	.35722	.35635	2.9052	.68433
#2	316.75	.32835	.27598	12.076	.41761	.34297	.34870	2.8717	.68230
#3	316.99	.32800	.27328	11.806	.41635	.33425	.34449	2.9287	.68327

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22064	.22820	6.231	.28621	3.7441	.26346
Stddev	.00294	.00268	.006	.00021	.3318	.12454
%RSD	1.3336	1.1749	.1043	.07497	8.8626	47.272

#1	.22158	.22618	6.238	.28622	4.1273	.16903
#2	.22299	.23124	6.226	.28599	3.5511	.40461
#3	.21734	.22719	6.228	.28642	3.5540	.21674

Sample Name: K3156-04MS Acquired: 6/17/2019 15:44:12 Type: Unk
Method: P4-ICP2(v3206) 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	2902.6	39398.	3885.4	67.113	2919.1
Stddev	7.2	186.	18.2	1.525	5.0
%RSD	.24697	.47139	.46867	2.2718	.17110
#1	2905.8	39383.	3866.5	68.804	2918.7
#2	2907.6	39220.	3902.9	66.692	2924.3
#3	2894.4	39591.	3886.7	65.843	2914.3

Sample Name: K3156-04MSD Acquired: 6/17/2019 15:48:26 Type: Unk
Method: P4-ICP2(v3206) 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	.80515	1.9024	.98695	2.0658	.82168	2.4855	.44328	.21194	.19773
Stddev	.00351	.0037	.00205	.0033	.00162	.0157	.00095	.00076	.00024
%RSD	.43656	.19602	.20809	.15940	.19666	.63248	.21467	.35646	.11944

#1	.80673	1.8991	.98700	2.0655	.81991	2.4784	.44247	.21147	.19759
#2	.80759	1.9017	.98897	2.0691	.82204	2.5035	.44432	.21154	.19801
#3	.80112	1.9064	.98487	2.0626	.82309	2.4745	.44304	.21281	.19761

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.592	.43312	.20479	.32601	3.6400	.79229	6.7551	.49979	.07477
Stddev	.136	.00151	.00050	.00065	.0084	.00243	.0507	.00148	.00030
%RSD	.60238	.34901	.24470	.19997	.23133	.30614	.75052	.29706	.40401

#1	22.549	.43162	.20481	.32548	3.6318	.78951	6.7151	.49873	.07445
#2	22.744	.43310	.20529	.32674	3.6486	.79339	6.8121	.50149	.07482
#3	22.482	.43465	.20429	.32580	3.6398	.79398	6.7380	.49916	.07505

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	315.54	.32904	.27482	11.903	.42067	.35424	.34423	2.8374	.68816
Stddev	4.36	.00077	.00062	.062	.00076	.00751	.00208	.0217	.00202
%RSD	1.3830	.23410	.22396	.52134	.18072	2.1201	.60316	.76667	.29288

#1	311.64	.32815	.27476	11.908	.42084	.34573	.34649	2.8193	.68612
#2	320.25	.32949	.27547	11.962	.42133	.35701	.34240	2.8313	.69015
#3	314.73	.32949	.27425	11.838	.41984	.35997	.34382	2.8615	.68822

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22239	.23018	6.262	.28886	3.8341	.21650
Stddev	.00117	.00076	.013	.00226	.2112	.24544
%RSD	.52512	.32827	.2008	.78210	5.5072	113.37

#1	.22360	.22932	6.250	.28629	3.8250	.25405
#2	.22231	.23047	6.275	.28975	3.6276	.44100
#3	.22126	.23075	6.262	.29053	4.0496	-.04555

Sample Name: K3156-04MSD Acquired: 6/17/2019 15:48:26 Type: Unk
Method: P4-ICP2(v3206) 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	2891.0	39389.	3906.2	67.624	2908.4
Stddev	5.4	53.	17.9	1.141	4.9
%RSD	.18554	.13459	.45756	1.6870	.17011
#1	2885.0	39349.	3921.7	66.999	2902.9
#2	2895.5	39369.	3910.1	66.932	2912.4
#3	2892.4	39449.	3886.7	68.941	2909.9

Sample Name: K3156-04A Acquired: 6/17/2019 15:52:41 Type: Unk
Method: P4-ICP2(v3206) 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	.79390	1.8934	.97841	2.0619	.81586	2.4679	.44649	.21352	.19655
Stddev	.00253	.0060	.00022	.0029	.00077	.1007	.01198	.00696	.00055
%RSD	.31862	.31865	.02234	.14021	.09403	4.0817	2.6824	3.2597	.28122
#1	.79132	1.8872	.97846	2.0646	.81562	2.3917	.44022	.20986	.19600
#2	.79401	1.8938	.97817	2.0622	.81672	2.5821	.46030	.22155	.19711
#3	.79637	1.8993	.97859	2.0589	.81524	2.4300	.43895	.20915	.19655
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.081	.43766	.20402	.32456	3.6797	.80988	6.9045	.49798	.07579
Stddev	.762	.01261	.00023	.00067	.1179	.02650	.1751	.00138	.00195
%RSD	3.3015	2.8818	.11218	.20727	3.2033	3.2715	2.5362	.27663	2.5754
#1	22.519	.43118	.20427	.32533	3.6168	.79657	6.7685	.49643	.07456
#2	23.949	.45219	.20397	.32421	3.8157	.84040	7.1021	.49846	.07804
#3	22.776	.42960	.20381	.32413	3.6067	.79269	6.8429	.49905	.07477
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	324.38	.33287	.27430	11.971	.41934	.34413	.34825	2.9233	.68771
Stddev	11.87	.01128	.00060	.394	.00114	.01276	.00056	.0202	.00297
%RSD	3.6594	3.3888	.22001	3.2881	.27102	3.7083	.16170	.69223	.43219
#1	317.27	.32689	.27364	11.665	.41898	.33081	.34827	2.9122	.68582
#2	338.08	.34588	.27447	12.415	.42062	.35624	.34879	2.9467	.68618
#3	317.79	.32584	.27481	11.833	.41844	.34534	.34767	2.9110	.69114
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22083	.23382	6.253	.29179	4.4390	.55251			
Stddev	.00104	.00191	.014	.00165	.8926	.37671			
%RSD	.47006	.81765	.2214	.56619	20.108	68.181			
#1	.22196	.23325	6.243	.29369	4.0003	.18449			
#2	.21992	.23226	6.248	.29074	5.4660	.53569			
#3	.22062	.23595	6.269	.29093	3.8505	.93734			

Sample Name: K3156-04A Acquired: 6/17/2019 15:52:41 Type: Unk
Method: P4-ICP2(v3206) 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	2898.2	39278.	3859.6	68.076	2916.2
Stddev	4.2	1117.	30.5	1.142	3.8
%RSD	.14414	2.8443	.79139	1.6773	.13042
#1	2900.0	39765.	3824.5	68.713	2918.7
#2	2893.4	38000.	3874.0	68.758	2911.8
#3	2901.1	40070.	3880.3	66.758	2918.0

Sample Name: K3156-04LX5 Acquired: 6/17/2019 15:56:55 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	.00066	.00211	-.00153	-.00005	.05647	.04368	.00002
Stddev	.00115	.00068	.00045	.00069	.00140	.00559	.00044	.00002
%RSD	45.202	101.93	21.521	44.705	2570.4	9.8925	1.0142	100.66

#1	-.00373	.00144	.00246	-.00130	-.00007	.05763	.04321	-.00000
#2	-.00244	.00026	.00159	-.00231	-.00144	.06140	.04409	.00003
#3	-.00145	.00028	.00227	-.00100	.00135	.05040	.04374	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	4.1383	-.00058	.00052	.00302	.07264	.12079	.94900
Stddev	.00003	.0402	.00022	.00003	.00014	.00118	.00052	.02327
%RSD	33.529	.97225	38.804	6.1979	4.5432	1.6179	.43333	2.4519

#1	.00010	4.1031	-.00041	.00051	.00293	.07359	.12057	.94930
#2	.00011	4.1297	-.00048	.00049	.00294	.07302	.12139	.92558
#3	.00005	4.1822	-.00083	.00055	.00317	.07133	.12041	.97212

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00140	.00019	62.924	.00036	.01635	.25665	.00002	.00579
Stddev	.00035	.00013	.127	.00024	.00006	.00199	.00012	.00730
%RSD	24.941	65.989	.20181	65.999	.37720	.77384	761.81	126.10

#1	-.00117	.00027	62.780	.00020	.01639	.25435	.00015	.01184
#2	-.00123	.00005	63.020	.00064	.01628	.25780	-.00003	-.00231
#3	-.00180	.00027	62.972	.00025	.01638	.25779	-.00007	.00783

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01771	.41491	-.00080	.00260	.00363	.0036	.01624	1.4929
Stddev	.00215	.00349	.00014	.00026	.00088	.0001	.00009	.1174
%RSD	12.166	.84067	17.615	9.8388	24.308	3.773	.52493	7.8665

#1	.01827	.41745	-.00064	.00289	.00417	.0035	.01627	1.4565
#2	.01953	.41635	-.00086	.00250	.00261	.0038	.01631	1.3980
#3	.01533	.41093	-.00090	.00241	.00411	.0036	.01615	1.6242

Sample Name: K3156-04LX5 Acquired: 6/17/2019 15:56:55 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2353
Stddev .7908
%RSD 64.021

#1 .64026
#2 2.1327
#3 .93287

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.8	41574.	3947.6	70.536	3209.8
Stddev	4.8	74.	9.7	1.109	5.6
%RSD	.15722	.17722	.24566	1.5720	.17588

#1	3062.5	41489.	3940.8	71.700	3204.0
#2	3063.6	41613.	3958.7	70.416	3210.0
#3	3071.3	41621.	3943.2	69.492	3215.3

Sample Name: CCV03 Acquired: 6/17/2019 16:01:22 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9164	4.9260	4.9214	4.9381	4.9911	9.9487	9.9931	.25550
Stddev	.0047	.0059	.0064	.0076	.0093	.0603	.0374	.00071
%RSD	.09639	.11941	.12994	.15282	.18571	.60619	.37420	.27600
#1	4.9140	4.9278	4.9281	4.9440	4.9896	9.9949	9.9796	.25581
#2	4.9219	4.9195	4.9154	4.9406	5.0011	9.9708	10.035	.25601
#3	4.9134	4.9308	4.9207	4.9296	4.9827	9.8805	9.9643	.25470
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4189	25.031	1.0114	2.4030	1.2736	5.3484	2.5694	25.344
Stddev	.0038	.106	.0019	.0046	.0019	.0160	.0048	.219
%RSD	.15735	.42275	.18534	.18958	.15008	.29984	.18661	.86543
#1	2.4230	25.022	1.0122	2.4069	1.2754	5.3669	2.5735	25.201
#2	2.4155	25.141	1.0128	2.3980	1.2716	5.3394	2.5705	25.597
#3	2.4183	24.930	1.0093	2.4042	1.2739	5.3389	2.5642	25.235
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4065	1.2552	24.463	2.5106	2.3968	25.117	4.8746	4.8273
Stddev	.0057	.0028	.099	.0045	.0038	.135	.0131	.0215
%RSD	.23537	.22488	.40541	.17958	.15792	.53559	.26890	.44561
#1	2.4125	1.2572	24.404	2.5137	2.3986	25.047	4.8897	4.8296
#2	2.4013	1.2566	24.577	2.5127	2.3925	25.272	4.8680	4.8476
#3	2.4056	1.2520	24.407	2.5054	2.3994	25.032	4.8661	4.8047
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7024	5.1013	4.7383	4.9469	5.1421	4.966	4.9507	F 2.5264
Stddev	.0052	.0181	.0167	.0094	.0153	.009	.0159	.2358
%RSD	.10959	.35515	.35235	.18998	.29750	.1791	.32098	9.3345
#1	4.7074	5.0898	4.7544	4.9366	5.1397	4.975	4.9332	2.7983
#2	4.7026	5.0920	4.7211	4.9491	5.1282	4.967	4.9546	2.4034
#3	4.6971	5.1222	4.7393	4.9550	5.1585	4.957	4.9643	2.3775

Sample Name: CCV03 Acquired: 6/17/2019 16:01:22 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WASTE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4661
Stddev	.3575
%RSD	10.314

#1	3.8789
#2	3.2597
#3	3.2597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.0	40634.	3899.3	66.678	2963.3
Stddev	7.7	192.	1.6	1.847	6.1
%RSD	.25605	.47234	.04095	2.7695	.20729

#1	2983.3	40530.	3901.1	64.812	2956.7
#2	2991.2	40517.	3898.8	68.505	2968.8
#3	2998.6	40856.	3898.0	66.717	2964.5

Sample Name: CCB03 Acquired: 6/17/2019 16:05:23 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	.00181	.00139	.00089	.00051	-.00401	.00012
Stddev	.00152	.00134	.00113	.00077	.00160	.01007	.00062
%RSD	93.589	73.966	81.280	85.943	313.06	250.95	531.26

#1	.00013	.00052	.00206	.00003	.00150	.00757	.00049
#2	-.00243	.00319	.00201	.00115	.00136	-.01067	.00047
#3	-.00257	.00171	.00009	.00151	-.00133	-.00894	-.00060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00012	.00394	-.00041	-.00028	.00070	.00373
Stddev	.00004	.00006	.01148	.00036	.00004	.00012	.00038
%RSD	72.379	48.432	291.54	86.746	15.085	17.820	10.156

#1	.00009	.00018	.00646	-.00009	-.00030	.00063	.00417
#2	.00007	.00010	.01394	-.00035	-.00023	.00062	.00352
#3	.00001	.00007	-.00859	-.00079	-.00031	.00084	.00350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00408	-.00139	.00028	-.33791	-.00001	.00002
Stddev	.00005	.03417	.00024	.00008	.00126	.00024	.00012
%RSD	50.159	837.37	17.444	28.121	.37300	2613.6	511.97

#1	.00004	-.04204	-.00138	.00021	-.33857	.00025	.00016
#2	.00010	.02422	-.00164	.00026	-.33645	-.00004	-.00008
#3	.00014	.00558	-.00116	.00036	-.33870	-.00024	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08741	.00080	-.00091	F -.07096	.00342	.00021	.00009
Stddev	.01921	.00043	.01408	.00267	.00171	.00025	.00188
%RSD	21.973	54.001	1555.0	3.7669	50.019	122.60	2072.0

#1	.06654	.00129	-.01575	-.06809	.00356	.00040	-.00207
#2	.09133	.00065	.01226	-.07337	.00164	-.00008	.00134
#3	.10435	.00046	.00077	-.07143	.00505	.00030	.00100

Sample Name: CCB03 Acquired: 6/17/2019 16:05:23 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00378	-.0012	.00016	F .15050	F .76362
Stddev	.00130	.0003	.00008	.20367	.36195
%RSD	34.332	28.88	52.452	135.32	47.400
#1	.00525	-.0015	.00025	-.00591	.42517
#2	.00281	-.0008	.00008	.07662	.72048
#3	.00327	-.0012	.00015	.38080	1.1452
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.0	42909.	3954.9	70.456	3404.7
Stddev	6.4	26.	21.1	1.801	4.4
%RSD	.20385	.06111	.53317	2.5555	.12991
#1	3118.9	42891.	3932.8	68.950	3402.2
#2	3119.8	42939.	3974.8	72.450	3402.0
#3	3130.3	42898.	3956.9	69.967	3409.8

Sample Name: PB120637BS Acquired: 6/17/2019 16:15:33 Type: Unk
Method: P4-ICP2(v3206) 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	.75857	1.9425	.95958	1.9704	.79312	1.9759	.20443
Stddev	.00323	.0034	.00231	.0055	.00109	.0126	.00158
%RSD	.42609	.17560	.24121	.27719	.13715	.63664	.77164

#1	.75531	1.9386	.95805	1.9663	.79424	1.9619	.20313
#2	.76178	1.9447	.96224	1.9766	.79207	1.9799	.20399
#3	.75861	1.9443	.95845	1.9684	.79304	1.9861	.20619

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20560	.18739	1.1646	.42045	.18952	.32641	3.3805
Stddev	.00023	.00035	.0021	.00202	.00046	.00013	.0063
%RSD	.10948	.18804	.18086	.47938	.24272	.04004	.18671

#1	.20582	.18718	1.1622	.42226	.18903	.32640	3.3786
#2	.20537	.18780	1.1657	.41827	.18961	.32654	3.3752
#3	.20561	.18719	1.1660	.42081	.18993	.32628	3.3875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21551	2.1204	.47885	.07487	2.7168	.31105	.18629
Stddev	.00044	.0217	.00221	.00054	.0199	.00117	.00022
%RSD	.20445	1.0218	.46151	.72533	.73230	.37626	.11990

#1	.21503	2.1412	.47633	.07468	2.6957	.31200	.18609
#2	.21590	2.0979	.48044	.07445	2.7193	.30974	.18653
#3	.21560	2.1220	.47979	.07549	2.7353	.31141	.18624

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.219	.39874	.29656	F -.07328	.95172	.64700	.20419
Stddev	.035	.00064	.00782	.00139	.01181	.00293	.00131
%RSD	.34127	.16016	2.6381	1.8961	1.2408	.45269	.64213

#1	10.215	.39810	.29676	-.07178	.96356	.64363	.20329
#2	10.185	.39938	.30429	-.07354	.93994	.64844	.20569
#3	10.255	.39874	.28864	-.07452	.95167	.64893	.20359

Sample Name: PB120637BS Acquired: 6/17/2019 16:15:33 Type: Unk
Method: P4-ICP2(v3206) 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	.22082	5.515	.20823	F 1.1029	F<.00000
Stddev	.00091	.011	.00018	.4351	.08193
%RSD	.41019	.2012	.08528	39.451	35.302
#1	.22088	5.504	.20823	.79620	-.18562
#2	.21989	5.526	.20840	1.6009	-.18393
#3	.22169	5.515	.20805	.91168	-.32667
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.6	41820.	3873.4	70.406	3292.3
Stddev	4.7	115.	27.9	.569	5.6
%RSD	.15461	.27557	.72002	.80776	.17022
#1	3072.6	41696.	3841.3	69.867	3298.7
#2	3067.0	41924.	3887.8	71.000	3290.1
#3	3063.1	41841.	3891.2	70.350	3288.2

Sample Name: PB120674BS Acquired: 6/17/2019 16:19:39 Type: Unk
Method: P4-ICP2(v3206) 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	.76462	1.9655	.96884	1.9900	.79924	1.9761	.20369
Stddev	.00353	.0030	.00070	.0054	.00047	.0010	.00065
%RSD	.46131	.15263	.07191	.27280	.05859	.04939	.32015

#1	.76586	1.9649	.96832	1.9950	.79964	1.9771	.20297
#2	.76064	1.9628	.96964	1.9842	.79873	1.9752	.20385
#3	.76736	1.9687	.96858	1.9908	.79935	1.9761	.20425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20858	.18948	1.1639	.42415	.19181	.32968	3.4105
Stddev	.00163	.00061	.0056	.00334	.00048	.00026	.0329
%RSD	.78153	.32259	.48092	.78755	.25016	.08010	.96336

#1	.21019	.18993	1.1676	.42615	.19236	.32954	3.4376
#2	.20863	.18974	1.1574	.42600	.19150	.32998	3.4200
#3	.20693	.18879	1.1666	.42029	.19157	.32951	3.3740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21789	2.0587	.48371	.07621	2.6586	.31387	.18823
Stddev	.00108	.0202	.00055	.00076	.0099	.00097	.00046
%RSD	.49367	.98170	.11382	.99336	.37330	.30977	.24447

#1	.21889	2.0449	.48422	.07697	2.6517	.31492	.18861
#2	.21804	2.0493	.48378	.07619	2.6542	.31367	.18772
#3	.21675	2.0819	.48313	.07546	2.6700	.31300	.18837

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.279	.40090	.27308	F -.07698	.96194	.65054	.20743
Stddev	.088	.00058	.01509	.00143	.00476	.00084	.00403
%RSD	.85338	.14406	5.5259	1.8592	.49438	.12869	1.9419

#1	10.183	.40023	.27865	-.07616	.96192	.64975	.20959
#2	10.355	.40119	.28459	-.07615	.96671	.65045	.20278
#3	10.300	.40127	.25600	-.07863	.95720	.65142	.20991

Sample Name: PB120674BS Acquired: 6/17/2019 16:19:39 Type: Unk
Method: P4-ICP2(v3206) 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	.22454	5.560	.21031	F 1.7286	F<.00000
Stddev	.00116	.011	.00008	.2132	.23590
%RSD	.51470	.1928	.03706	12.331	92.799

#1	.22327	5.564	.21040	1.6211	-.30071
#2	.22553	5.567	.21024	1.5905	.00148
#3	.22482	5.547	.21029	1.9741	-.46340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.8	41977.	3859.6	70.044	3285.8
Stddev	3.2	301.	26.5	.410	8.4
%RSD	.10561	.71698	.68691	.58579	.25668

#1	3056.1	41653.	3830.0	69.775	3277.1
#2	3061.5	42030.	3867.3	69.842	3286.5
#3	3061.9	42248.	3881.3	70.517	3293.9

Sample Name: LR CHECK 2 Acquired: 6/17/2019 16:38:36 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01125	271.82	.02066	-.03625	-.19539	106.00	-.00193
Stddev	.00226	.00232	.81	.00253	.00071	.00872	1.24	.00010
%RSD	8507.5	20.583	.29803	12.244	1.9588	4.4617	1.1713	5.3244

#1	.00256	-.00978	272.15	.02317	-.03567	-.18889	104.94	-.00197
#2	-.00104	-.01005	270.89	.02071	-.03604	-.19197	105.70	-.00201
#3	-.00159	-.01392	272.40	.01811	-.03704	-.20530	107.37	-.00182

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00694	.13455	-.13988	.00341	246.89	-.79878	48.136	-.13321
Stddev	.00006	.01010	.00042	.00035	.93	.00054	.181	.05442
%RSD	.80617	7.5050	.29699	10.292	.37549	.06751	.37505	40.856

#1	-.00697	.14513	-.14014	.00321	247.85	-.79939	48.273	-.13614
#2	-.00688	.12502	-.13940	.00321	246.81	-.79839	48.204	-.18611
#3	-.00698	.13351	-.14009	.00382	246.00	-.79855	47.931	-.07738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.556	.01241	.19401	-.02290	36.574	.54153	-.00548	-.00553
Stddev	.076	.00024	.01628	.00042	.100	.05056	.00032	.00847
%RSD	.16765	1.9342	8.3911	1.8531	.27401	9.3370	5.8336	153.31

#1	45.589	.01215	.21000	-.02305	36.627	.58772	-.00562	-.00074
#2	45.611	.01263	.19456	-.02242	36.637	.54935	-.00571	-.01531
#3	45.469	.01244	.17746	-.02323	36.459	.48751	-.00512	-.00053

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05823	-.00092	.00249	.01350	.00294	-3.400	.00367	5.1988
Stddev	.00516	.00301	.00026	.00142	.00063	.013	.00003	.3790
%RSD	8.8630	325.76	10.398	10.527	21.504	.3776	.78801	7.2895

#1	-.05271	-.00354	.00225	.01331	.00258	-3.388	.00365	5.5680
#2	-.05905	-.00159	.00277	.01501	.00256	-3.414	.00370	5.2177
#3	-.06293	.00236	.00247	.01218	.00367	-3.399	.00365	4.8108

Sample Name: LR CHECK 2 Acquired: 6/17/2019 16:38:36 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4624
Stddev	.1809
%RSD	12.370

#1	1.3695
#2	1.6709
#3	1.3469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.1	41274.	3785.1	65.489	2872.4
Stddev	10.3	82.	9.2	.945	10.4
%RSD	.36284	.19942	.24430	1.4429	.36267

#1	2834.6	41218.	3782.7	66.200	2866.8
#2	2842.5	41236.	3777.3	65.850	2865.9
#3	2855.1	41369.	3795.3	64.417	2884.4

Sample Name: LR CHECK 1 Acquired: 6/17/2019 17:02:23 Type: Unk
Method: P4-ICP2(v3206) 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	-.13210	-.02585	.07229	-.18862	.08022	1888.7	.01139	.01328
Stddev	.00513	.00439	.00428	.00377	.00472	18.8	.00124	.00058
%RSD	3.8828	16.988	5.9162	2.0014	5.8895	.99397	10.918	4.3841

#1	-.12626	-.02610	.07001	-.18868	.07813	1867.6	.01234	.01294
#2	-.13422	-.03011	.07722	-.19236	.08563	1894.9	.01185	.01395
#3	-.13584	-.02134	.06963	-.18481	.07691	1903.6	.00998	.01295

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07508	1803.4	-.08409	.07470	.13015	956.45	-.01641	1741.3
Stddev	.00110	2.6	.00067	.00099	.00148	4.32	.00037	1.5
%RSD	1.4683	.14262	.79909	1.3307	1.1390	.45159	2.2395	.08649

#1	.07477	1800.5	-.08331	.07360	.12844	951.50	-.01637	1740.1
#2	.07631	1805.0	-.08448	.07553	.13111	958.43	-.01607	1740.9
#3	.07418	1804.9	-.08447	.07498	.13090	959.43	-.01680	1743.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04676	-.19945	1689.3	-.00011	.14072	1008.8	-.00835	-1.5240
Stddev	.00055	.00221	17.1	.00015	.00185	2.6	.00049	.0149
%RSD	1.1794	1.1103	1.0095	137.03	1.3134	.26138	5.8354	.97914

#1	-.04734	-.20185	1682.3	-.00024	.13870	1011.3	-.00829	-1.5412
#2	-.04670	-.19903	1708.8	-.00014	.14233	1006.1	-.00789	-1.5159
#3	-.04624	-.19749	1677.0	.00005	.14113	1009.0	-.00886	-1.5149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25857	.00905	.06154	-.04338	.11806	.0408	-1.0389	<.00000
Stddev	.01288	.00341	.00491	.00211	.00147	.0006	.0048	.43552
%RSD	4.9812	37.658	7.9790	4.8608	1.2472	1.488	.46193	4.6625

#1	.26771	.01196	.06709	-.04466	.11911	.0406	-1.0334	-9.5283
#2	.24384	.00989	.05975	-.04453	.11638	.0415	-1.0411	-9.6511
#3	.26415	.00530	.05777	-.04095	.11869	.0404	-1.0422	-8.8429

Sample Name: LR CHECK 1 Acquired: 6/17/2019 17:02:23 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.5	29893.	3381.1	47.632	1538.1
Stddev	12.0	16.	17.3	.113	11.9
%RSD	.54659	.05377	.51068	.23742	.77104

#1	2208.7	29911.	3394.5	47.639	1551.8
#2	2185.2	29880.	3361.6	47.515	1531.6
#3	2192.6	29889.	3387.3	47.741	1530.9

Sample Name: PB120675BS Acquired: 6/17/2019 17:07:28 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120675BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75437	1.9315	.98334	1.9302	.79915	2.0388	.20832
Stddev	.00189	.0027	.00187	.0109	.00253	.0181	.00113
%RSD	.25101	.14120	.19065	.56491	.31643	.88725	.54350

#1	.75230	1.9299	.98263	1.9341	.80161	2.0193	.20721
#2	.75602	1.9347	.98546	1.9387	.79928	2.0422	.20827
#3	.75479	1.9301	.98192	1.9179	.79655	2.0550	.20947

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20060	.18682	F 1.6549	.43071	.19270	.33459	F 3.6022
Stddev	.00028	.00016	.0191	.00093	.00048	.00159	.0087
%RSD	.14070	.08681	1.1547	.21700	.25029	.47381	.24069

#1	.20030	.18677	1.6384	.42963	.19320	.33295	3.5923
#2	.20086	.18700	1.6504	.43116	.19224	.33469	3.6087
#3	.20065	.18668	1.6758	.43133	.19266	.33612	3.6055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22007	2.1941	.48553	.07504	F 4.2293	.32022	.19237
Stddev	.00038	.0284	.00125	.00023	.0627	.00041	.00081
%RSD	.17216	1.2949	.25739	.30197	1.4835	.12764	.42220

#1	.21963	2.1981	.48696	.07515	4.2930	.32005	.19330
#2	.22034	2.2203	.48493	.07520	4.2274	.32069	.19198
#3	.22023	2.1639	.48469	.07478	4.1676	.31992	.19182

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.648	.40856	.28443	F .12823	.98307	.64509	.21315
Stddev	.063	.00035	.00810	.01613	.00570	.00379	.00179
%RSD	.54142	.08653	2.8463	12.580	.57975	.58802	.83765

#1	11.717	.40836	.27626	.14523	.98693	.64936	.21174
#2	11.633	.40836	.28457	.12633	.98576	.64383	.21516
#3	11.594	.40897	.29245	.11314	.97653	.64209	.21255

Sample Name: PB120675BS Acquired: 6/17/2019 17:07:28 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120675BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .24332	5.482	.21718	F 1.2016	F<.00000
Stddev	.00111	.012	.00052	.0664	.16566
%RSD	.45619	.2195	.23721	5.5248	33.174
#1	.24301	5.495	.21660	1.2100	-.63227
#2	.24455	5.480	.21758	1.2634	-.55204
#3	.24239	5.471	.21735	1.1314	-.31377
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.8	42177.	3792.5	68.869	3315.6
Stddev	13.4	112.	36.3	.771	12.3
%RSD	.43591	.26518	.95691	1.1195	.37184
#1	3064.5	42093.	3763.7	68.775	3306.3
#2	3067.7	42134.	3780.6	68.150	3311.1
#3	3089.1	42304.	3833.3	69.683	3329.6

Sample Name: PB120676BS Acquired: 6/17/2019 17:29:25 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75304	1.9363	.98417	1.9416	.79736	2.0582	.20689	.20055
Stddev	.00300	.0012	.00271	.0048	.00212	.0177	.00097	.00020
%RSD	.39852	.06059	.27519	.24953	.26623	.85831	.47085	.09848
#1	.75023	1.9359	.98599	1.9434	.79552	2.0732	.20725	.20058
#2	.75620	1.9354	.98546	1.9453	.79968	2.0387	.20764	.20073
#3	.75269	1.9376	.98106	1.9361	.79687	2.0626	.20579	.20033
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18719	F 1.7133	.42429	.19253	.33503	3.5371	.21935	2.1727
Stddev	.00020	.0114	.00120	.00010	.00039	.0106	.00015	.0168
%RSD	.10642	.66381	.28191	.05351	.11601	.29839	.06850	.77367
#1	.18740	1.7015	.42292	.19250	.33536	3.5260	.21918	2.1538
#2	.18717	1.7242	.42485	.19245	.33460	3.5382	.21947	2.1857
#3	.18700	1.7142	.42511	.19264	.33514	3.5471	.21940	2.1788
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48388	.07555	2.8950	.31532	.18669	10.587	.40481	.28824
Stddev	.00101	.00043	.0115	.00098	.00028	.071	.00059	.01381
%RSD	.20860	.57427	.39682	.31111	.15122	.66800	.14515	4.7915
#1	.48304	.07518	2.8934	.31525	.18638	10.550	.40451	.27379
#2	.48361	.07544	2.9072	.31438	.18694	10.669	.40548	.28962
#3	.48500	.07602	2.8844	.31634	.18676	10.543	.40443	.30131
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05477	.97774	.64447	.21025	.23059	5.506	.21237	F 1.3141
Stddev	.00064	.00375	.00107	.00115	.00116	.008	.00041	.1865
%RSD	1.1668	.38371	.16537	.54646	.50325	.1475	.19461	14.192
#1	.05494	.98157	.64445	.20983	.22968	5.511	.21193	1.1347
#2	.05530	.97407	.64341	.21155	.23019	5.510	.21244	1.5070
#3	.05406	.97759	.64554	.20937	.23189	5.497	.21274	1.3006

Sample Name: PB120676BS Acquired: 6/17/2019 17:29:25 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .27255
Stddev	.30822
%RSD	113.09

#1	.56188
#2	-.05161
#3	.30738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.9	42653.	3842.9	68.189	3323.0
Stddev	7.7	63.	17.1	.300	6.5
%RSD	.24987	.14761	.44617	.44018	.19583

#1	3080.0	42621.	3848.8	68.533	3316.8
#2	3085.6	42726.	3856.3	67.983	3322.4
#3	3095.2	42612.	3823.5	68.050	3329.7

Sample Name: PB120675BL Acquired: 6/17/2019 17:33:30 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120675BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00445	.00128	F .00423	-.00218	-.00005	.01172	.00058
Stddev	.00132	.00077	.00028	.00103	.00051	.01139	.00029
%RSD	29.777	60.329	6.6118	47.189	969.43	97.191	50.047

#1	-.00348	.00144	.00392	-.00328	.00047	.00761	.00042
#2	-.00390	.00044	.00446	-.00124	-.00007	.02460	.00040
#3	-.00596	.00197	.00429	-.00201	-.00055	.00296	.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00017	.01125	-.00040	-.00002	.00196	.01047
Stddev	.00007	.00002	.00617	.00034	.00007	.00033	.00016
%RSD	162.90	13.483	54.880	87.012	309.88	17.070	1.5553

#1	.00012	.00016	.01139	-.00013	-.00007	.00180	.01061
#2	-.00001	.00015	.00500	-.00078	-.00005	.00234	.01052
#3	.00001	.00020	.01734	-.00028	.00005	.00173	.01029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.03736	-.00115	.00081	-.26911	.00016	.00070
Stddev	.00002	.04230	.00023	.00037	.00441	.00030	.00011
%RSD	8.4472	113.21	20.128	45.411	1.6374	185.03	16.084

#1	.00024	.08389	-.00142	.00122	-.26405	.00044	.00079
#2	.00022	.02696	-.00098	.00068	-.27125	-.00016	.00058
#3	.00021	.00124	-.00106	.00053	-.27205	.00020	.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35610	.00003	.00286	F -.07163	.00190	-.00169	.00051
Stddev	.03933	.00006	.00159	.00085	.00180	.00041	.00143
%RSD	11.045	188.90	55.727	1.1809	94.807	24.457	282.18

#1	.39191	-.00003	.00456	-.07071	.00046	-.00121	.00042
#2	.31400	.00004	.00263	-.07238	.00132	-.00190	.00198
#3	.36239	.00009	.00139	-.07180	.00392	-.00196	-.00088

Sample Name: PB120675BL Acquired: 6/17/2019 17:33:30 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120675BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00679	-.0009	.00013	F .45789	F .97904
Stddev	.00137	.0007	.00004	.39093	.17623
%RSD	20.127	80.64	29.874	85.377	18.000

#1	.00521	-.0013	.00012	.86161	1.1648
#2	.00767	-.0001	.00010	.08114	.95805
#3	.00747	-.0013	.00018	.43091	.81425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.8	42472.	3850.7	67.889	3396.1
Stddev	12.6	90.	18.7	1.322	8.4
%RSD	.40440	.21228	.48446	1.9479	.24800

#1	3121.3	42482.	3866.6	66.692	3405.6
#2	3098.7	42377.	3855.3	67.667	3393.0
#3	3100.4	42556.	3830.1	69.308	3389.7

Sample Name: PB120676BL Acquired: 6/17/2019 17:37:58 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00104	F .00442	-.00105	.00066	-.00284	.00123
Stddev	.00076	.00060	.00015	.00137	.00171	.00669	.00038
%RSD	7253.5	57.589	3.4492	129.99	257.14	235.79	31.330

#1	-.00007	.00043	.00425	.00006	-.00047	.00053	.00148
#2	-.00073	.00107	.00445	-.00063	-.00016	-.01055	.00078
#3	.00078	.00162	.00455	-.00258	.00263	.00150	.00141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00017	.01574	-.00036	-.00014	.00200	.00751
Stddev	.00002	.00005	.00924	.00021	.00021	.00008	.00008
%RSD	49.833	29.376	58.734	59.814	156.28	3.7825	1.0073

#1	.00005	.00012	.00613	-.00018	-.00014	.00206	.00756
#2	.00002	.00021	.01651	-.00060	.00008	.00203	.00743
#3	.00003	.00017	.02456	-.00031	-.00035	.00191	.00755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00372	-.00145	.00092	-.29034	-.00004	.00076
Stddev	.00003	.01995	.00010	.00048	.00648	.00020	.00011
%RSD	14.805	536.79	7.0402	51.607	2.2305	442.31	13.957

#1	.00020	.02230	-.00155	.00125	-.28456	.00002	.00084
#2	.00022	.00620	-.00134	.00038	-.28912	-.00026	.00081
#3	.00027	-.01736	-.00147	.00114	-.29734	.00011	.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32387	.00004	-.01014	F -.07418	.00229	-.00156	.00040
Stddev	.01759	.00008	.00680	.00218	.00292	.00056	.00121
%RSD	5.4302	239.16	67.064	2.9375	127.82	35.724	300.86

#1	.32968	.00005	-.00416	-.07288	-.00094	-.00195	.00127
#2	.33782	-.00006	-.01753	-.07295	.00476	-.00179	-.00098
#3	.30412	.00011	-.00872	-.07669	.00304	-.00092	.00091

Sample Name: PB120676BL Acquired: 6/17/2019 17:37:58 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00648	-.0006	.00025	F .67744	F 1.4344
Stddev	.00038	.0001	.00005	.40085	.5921
%RSD	5.8407	15.85	21.265	59.170	41.280

#1	.00690	-.0006	.00021	1.0118	1.0566
#2	.00637	-.0006	.00024	.23306	2.1168
#3	.00617	-.0007	.00031	.78752	1.1298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.1	42497.	3805.9	68.267	3379.1
Stddev	6.3	121.	32.2	1.343	9.2
%RSD	.20482	.28521	.84515	1.9671	.27262

#1	3085.0	42615.	3842.6	69.233	3372.5
#2	3097.2	42373.	3792.4	68.833	3389.6
#3	3088.1	42503.	3782.7	66.733	3375.2

Sample Name: K3221-02 Acquired: 6/17/2019 17:42:56 Type: Unk
Method: P4-ICP2(v3206) 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	-.00209	.00214	.00568	-.00267	-.00332	.19382	.07512	.00030
Stddev	.00135	.00016	.00100	.00033	.00074	.00625	.00086	.00003
%RSD	64.905	7.2648	17.589	12.420	22.304	3.2242	1.1432	10.164

#1	-.00061	.00215	.00578	-.00229	-.00359	.19553	.07464	.00030
#2	-.00236	.00198	.00663	-.00290	-.00249	.18689	.07462	.00026
#3	-.00328	.00229	.00464	-.00282	-.00390	.19903	.07611	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	19.681	.00099	.00196	.01142	.32692	.21368	4.2615
Stddev	.00002	.166	.00021	.00003	.00035	.01008	.00213	.0032
%RSD	14.286	.84200	21.207	1.5345	3.0225	3.0831	.99704	.07454

#1	.00016	19.707	.00077	.00194	.01104	.33070	.21295	4.2641
#2	.00013	19.504	.00100	.00199	.01172	.31549	.21202	4.2580
#3	.00017	19.833	.00119	.00194	.01149	.33456	.21608	4.2623

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00076	77.929	.00024	.01032	2.1510	.00001	.00817
Stddev	.00043	.00038	.596	.00006	.00005	.0385	.00020	.00797
%RSD	88.536	49.906	.76433	25.527	.48765	1.7880	1495.9	97.523

#1	.00082	.00117	77.992	.00031	.01034	2.1531	.00022	.01157
#2	.00000	.00068	77.305	.00020	.01036	2.1115	.00000	-.00093
#3	.00064	.00043	78.491	.00021	.01026	2.1884	-.00018	.01388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5245	2.7330	-.00269	-.00044	.00576	.0072	.19668	3.2329
Stddev	.0067	.0193	.00045	.00250	.00165	.0006	.00116	.2956
%RSD	.43788	.70552	16.848	571.12	28.659	8.977	.59045	9.1441

#1	1.5267	2.7405	-.00240	-.00329	.00671	.0074	.19781	3.4253
#2	1.5170	2.7111	-.00321	.00060	.00385	.0064	.19549	2.8925
#3	1.5298	2.7474	-.00246	.00138	.00672	.0077	.19675	3.3808

Sample Name: K3221-02 Acquired: 6/17/2019 17:42:56 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1309
 Stddev .2655
 %RSD 12.460

#1 2.1412
 #2 2.3911
 #3 1.8604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3019.3	41076.	3899.3	68.514	3183.8
Stddev	13.8	296.	16.1	.782	12.7
%RSD	.45758	.72136	.41284	1.1414	.40033

#1	3035.0	41268.	3885.1	68.996	3198.2
#2	3013.5	41225.	3916.8	68.934	3179.0
#3	3009.2	40735.	3896.1	67.611	3174.0

Sample Name: K3221-03 Acquired: 6/17/2019 17:47:21 Type: Unk
Method: P4-ICP2(v3206) 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	-.00301	.00072	.00502	-.00095	-.00143	.10885	.07364	.00101
Stddev	.00011	.00090	.00079	.00140	.00134	.01154	.00041	.00004
%RSD	3.5206	124.07	15.755	147.49	93.130	10.600	.55874	4.1075

#1	-.00311	.00169	.00569	.00066	-.00208	.12041	.07411	.00097
#2	-.00301	-.00008	.00523	-.00168	-.00233	.09733	.07351	.00105
#3	-.00290	.00056	.00415	-.00183	.00010	.10880	.07331	.00101

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	19.349	-.00071	.00175	.41956	.21120	.20311	4.1896
Stddev	.00008	.100	.00039	.00013	.00117	.00068	.00085	.0398
%RSD	56.913	.51673	53.996	7.3272	.27781	.31970	.41713	.94983

#1	.00011	19.422	-.00032	.00162	.42091	.21047	.20373	4.2353
#2	.00009	19.391	-.00073	.00187	.41885	.21180	.20346	4.1709
#3	.00024	19.235	-.00109	.00176	.41894	.21132	.20215	4.1625

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	.00096	77.273	.00018	.03872	2.1322	.00113	.00633
Stddev	.00012	.00026	.550	.00019	.00013	.0028	.00029	.00364
%RSD	18.817	26.675	.71129	105.20	.34344	.12960	25.316	57.594

#1	-.00075	.00075	77.733	-.00002	.03885	2.1350	.00145	.00457
#2	-.00071	.00089	77.421	.00037	.03859	2.1295	.00106	.00389
#3	-.00052	.00125	76.664	.00019	.03873	2.1322	.00089	.01051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4947	2.7350	-.00265	.00053	.00738	-.0044	.18560	2.4237
Stddev	.0106	.0107	.00013	.00084	.00040	.0017	.00054	.2235
%RSD	.71015	.38961	4.7862	158.90	5.4824	37.53	.28939	9.2231

#1	1.5022	2.7386	-.00280	.00092	.00714	-.0048	.18545	2.6779
#2	1.4826	2.7434	-.00256	-.00043	.00715	-.0059	.18515	2.2579
#3	1.4994	2.7230	-.00259	.00109	.00785	-.0026	.18619	2.3354

Sample Name: K3221-03 Acquired: 6/17/2019 17:47:21 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7885
 Stddev .5230
 %RSD 29.241

#1 2.2616
 #2 1.2269
 #3 1.8769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3037.5	40828.	3847.4	66.953	3207.2
Stddev	11.5	164.	6.1	2.653	12.1
%RSD	.37740	.40046	.15905	3.9619	.37724

#1	3033.1	40699.	3853.7	66.657	3204.2
#2	3050.5	40773.	3846.9	69.741	3220.5
#3	3028.9	41012.	3841.5	64.461	3196.9

Sample Name: CCV04 Acquired: 6/17/2019 17:55:26 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15130 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9743	4.9776	4.9821	5.0342	5.0325	10.066	10.241	.25329
Stddev	.0114	.0049	.0122	.0132	.0046	.062	.048	.00041
%RSD	.22849	.09931	.24490	.26118	.09222	.61555	.46894	.16114
#1	4.9629	4.9719	4.9736	5.0192	5.0328	10.107	10.296	.25320
#2	4.9857	4.9807	4.9961	5.0437	5.0370	10.097	10.211	.25293
#3	4.9743	4.9803	4.9767	5.0396	5.0277	9.9950	10.215	.25373
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4261	25.205	1.0215	2.4206	1.2896	5.3293	2.5701	25.927
Stddev	.0027	.111	.0030	.0023	.0015	.0096	.0021	.160
%RSD	.11295	.43900	.29060	.09674	.11607	.17981	.07960	.61603
#1	2.4231	25.259	1.0236	2.4195	1.2883	5.3397	2.5723	25.812
#2	2.4284	25.279	1.0228	2.4233	1.2912	5.3273	2.5695	26.110
#3	2.4269	25.078	1.0181	2.4190	1.2892	5.3209	2.5684	25.861
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4387	1.2718	24.867	2.5503	2.3837	26.228	4.9629	4.9115
Stddev	.0037	.0036	.080	.0021	.0039	.102	.0025	.0069
%RSD	.15028	.28275	.31992	.08389	.16239	.38753	.05085	.14137
#1	2.4362	1.2759	24.959	2.5528	2.3817	26.326	4.9605	4.9035
#2	2.4429	1.2704	24.830	2.5492	2.3882	26.234	4.9626	4.9158
#3	2.4369	1.2692	24.813	2.5490	2.3813	26.123	4.9655	4.9152
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8387	5.2784	4.7587	5.0328	5.3278	5.022	5.0562	F 3.7654
Stddev	.0042	.0519	.0024	.0104	.0186	.009	.0202	.1041
%RSD	.08637	.98353	.05110	.20601	.34953	.1698	.39975	2.7633
#1	4.8406	5.2316	4.7562	5.0227	5.3386	5.028	5.0578	3.7598
#2	4.8415	5.2693	4.7611	5.0321	5.3063	5.027	5.0352	3.8722
#3	4.8339	5.3342	4.7587	5.0434	5.3386	5.013	5.0755	3.6643

Sample Name: CCV04 Acquired: 6/17/2019 17:55:26 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15130 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.0128
Stddev	.0582
%RSD	1.4497

#1	3.9588
#2	4.0744
#3	4.0052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.4	39783.	3764.7	64.873	2924.9
Stddev	5.3	200.	11.6	1.246	7.3
%RSD	.18014	.50250	.30806	1.9208	.25053

#1	2932.1	39563.	3762.8	66.288	2923.6
#2	2929.0	39830.	3777.1	64.397	2918.4
#3	2939.3	39955.	3754.1	63.936	2932.8

Sample Name: CCB04 Acquired: 6/17/2019 17:59:23 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15130 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00259	.00194	F .00466	-.00002	-.00091	-.00462	.00036
Stddev	.00184	.00035	.00050	.00087	.00166	.00078	.00019
%RSD	70.966	18.098	10.691	5102.8	182.50	16.895	54.039

#1	-.00317	.00224	.00503	-.00088	-.00268	-.00551	.00028
#2	-.00053	.00156	.00409	-.00004	-.00065	-.00408	.00058
#3	-.00407	.00203	.00486	.00087	.00060	-.00426	.00022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00012	-.00428	-.00028	-.00020	.00182	.00331
Stddev	.00004	.00003	.00313	.00014	.00014	.00027	.00038
%RSD	1813.0	24.919	73.143	51.349	71.633	14.627	11.558

#1	-.00004	.00010	-.00757	-.00043	-.00005	.00186	.00287
#2	.00002	.00016	-.00134	-.00027	-.00033	.00206	.00358
#3	.00003	.00010	-.00392	-.00014	-.00022	.00154	.00348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00997	-.00137	.00096	-.30955	-.00024	.00036
Stddev	.00003	.04675	.00007	.00042	.00699	.00020	.00004
%RSD	56.269	468.87	5.1467	43.647	2.2589	86.214	11.019

#1	.00007	.06099	-.00129	.00144	-.30699	-.00023	.00036
#2	.00009	-.00024	-.00141	.00072	-.31746	-.00003	.00039
#3	.00002	-.03083	-.00141	.00071	-.30420	-.00044	.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29738	.00081	-.00568	F -.07334	.00564	-.00021	.00158
Stddev	.02653	.00014	.00523	.00198	.00187	.00079	.00221
%RSD	8.9215	17.291	91.967	2.7053	33.114	371.59	139.88

#1	.26735	.00095	-.00596	-.07215	.00519	.00054	-.00008
#2	.31766	.00080	-.00033	-.07564	.00404	-.00015	.00073
#3	.30713	.00068	-.01077	-.07225	.00769	-.00103	.00409

Sample Name: CCB04 Acquired: 6/17/2019 17:59:23 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15130 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00617	-.0020	.00012	F 1.1179	F 1.2893
Stddev	.00095	.0006	.00004	.5647	.4387
%RSD	15.411	30.33	28.748	50.510	34.029

#1	.00607	-.0017	.00016	1.4687	1.5901
#2	.00717	-.0016	.00012	1.4185	.78588
#3	.00528	-.0027	.00009	.46656	1.4921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.0	42558.	3842.8	67.556	3374.2
Stddev	5.9	670.	23.7	.600	9.4
%RSD	.19041	1.5751	.61662	.88887	.27790

#1	3085.8	42429.	3870.1	67.642	3383.4
#2	3075.6	41962.	3828.5	66.917	3364.7
#3	3075.7	43284.	3829.7	68.108	3374.5

Sample Name: K3154-02MS Acquired: 6/17/2019 18:03:52 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00671	-.00272	.01764	.00326	.00015	.16963	.13809	.00008
Stddev	.00109	.00080	.00112	.00001	.00115	.02262	.00137	.00010
%RSD	16.277	29.343	6.3676	.35625	743.59	13.333	.99495	129.35

#1	-.00600	-.00326	.01726	.00325	.00141	.19264	.13920	.00003
#2	-.00797	-.00180	.01891	.00325	-.00010	.14743	.13655	.00019
#3	-.00616	-.00310	.01676	.00327	-.00085	.16881	.13851	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	62.013	-.00001	.00382	.01206	.03040	.80427	2.3971
Stddev	.00004	.391	.00020	.00021	.00042	.00021	.00070	.0183
%RSD	9.0656	.63107	3271.2	5.5882	3.4501	.69111	.08656	.76457

#1	.00051	61.849	-.00005	.00362	.01179	.03053	.80347	2.3762
#2	.00044	61.729	.00021	.00379	.01254	.03051	.80468	2.4106
#3	.00043	62.459	-.00018	.00405	.01185	.03016	.80467	2.4044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00066	348.90	.00030	.04854	1.7074	.00031	.00636
Stddev	.00046	.00023	2.32	.00027	.00021	.0396	.00012	.00801
%RSD	61.920	34.836	.66527	89.361	.42538	2.3190	37.702	125.99

#1	.00127	.00065	346.31	.00060	.04844	1.7123	.00024	-.00228
#2	.00039	.00044	350.77	.00010	.04877	1.6656	.00025	.01356
#3	.00059	.00090	349.63	.00019	.04839	1.7444	.00045	.00780

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2521	1.8526	-.00029	-.00102	.01417	.0071	.30662	4.5339
Stddev	.0072	.0172	.00044	.00098	.00107	.0015	.00112	.0638
%RSD	.22208	.92738	154.43	96.247	7.5829	21.75	.36390	1.4060

#1	3.2508	1.8615	.00005	.00001	.01432	.0057	.30633	4.4603
#2	3.2599	1.8636	-.00079	-.00195	.01303	.0067	.30785	4.5693
#3	3.2457	1.8328	-.00012	-.00112	.01517	.0088	.30568	4.5721

Sample Name: K3154-02MS Acquired: 6/17/2019 18:03:52 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1498
Stddev	.2849
%RSD	13.253

#1	1.8279
#2	2.3695
#3	2.2520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2839.8	38433.	3782.4	64.993	2889.4
Stddev	6.5	40.	26.0	.607	5.7
%RSD	.22940	.10303	.68778	.93455	.19678

#1	2840.6	38387.	3782.8	65.372	2890.0
#2	2833.0	38451.	3756.2	64.293	2883.5
#3	2845.9	38460.	3808.2	65.316	2894.8

Sample Name: PB120673BL Acquired: 6/17/2019 18:08:24 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120673BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00060	F .00384	-.00037	-.00075	-.00190	.00009
Stddev	.00117	.00006	.00055	.00119	.00058	.00370	.00029
%RSD	202.59	9.6111	14.260	321.97	77.498	194.79	322.89

#1	.00076	.00063	.00412	-.00156	-.00133	-.00618	.00019
#2	-.00109	.00063	.00419	.00081	-.00017	.00016	.00031
#3	-.00141	.00053	.00321	-.00035	-.00074	.00031	-.00023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00010	-.00061	-.00048	-.00010	.00145	.00265
Stddev	.00006	.00006	.00838	.00022	.00019	.00012	.00021
%RSD	261.95	60.446	1367.7	46.761	190.63	8.5510	7.8754

#1	.00004	.00016	.00890	-.00029	-.00013	.00158	.00241
#2	.00007	.00007	-.00692	-.00042	-.00027	.00134	.00276
#3	-.00004	.00006	-.00381	-.00073	.00010	.00144	.00279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.03557	-.00143	.00102	-.24110	.00023	.00004
Stddev	.00005	.01303	.00015	.00045	.00904	.00034	.00010
%RSD	47.038	36.629	10.391	43.847	3.7505	148.09	285.00

#1	.00005	.04978	-.00127	.00083	-.23268	-.00010	.00004
#2	.00012	.03275	-.00157	.00071	-.25065	.00059	.00014
#3	.00016	.02418	-.00144	.00154	-.23996	.00021	-.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30477	-.00023	-.01234	F -.07739	.00348	-.00141	-.00140
Stddev	.03446	.00032	.01667	.00141	.00221	.00007	.00072
%RSD	11.306	143.08	135.09	1.8218	63.514	5.0797	51.316

#1	.30995	-.00053	-.01485	-.07747	.00374	-.00134	-.00059
#2	.26802	.00012	.00544	-.07595	.00115	-.00142	-.00165
#3	.33634	-.00027	-.02761	-.07877	.00555	-.00148	-.00196

Sample Name: PB120673BL Acquired: 6/17/2019 18:08:24 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120673BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00661	-.0007	-.00002	F 1.0830	F 1.6141
Stddev	.00043	.0004	.00005	.4101	.1840
%RSD	6.5310	60.23	271.98	37.869	11.398
#1	.00643	-.0010	.00002	1.2170	1.7726
#2	.00711	-.0009	-.00001	1.4095	1.6575
#3	.00630	-.0002	-.00007	.62268	1.4124
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.1	42638.	3826.3	68.172	3373.0
Stddev	7.0	59.	22.5	.623	6.7
%RSD	.22652	.13756	.58862	.91331	.19766
#1	3077.9	42643.	3832.6	68.883	3365.3
#2	3085.5	42694.	3845.1	67.725	3377.4
#3	3091.9	42577.	3801.4	67.908	3376.2

Sample Name: PB120674BL Acquired: 6/17/2019 18:12:53 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120674BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	.00103	.00278	-.00157	-.00088	.00408	.00069
Stddev	.00126	.00061	.00018	.00205	.00226	.00355	.00063
%RSD	43.506	59.390	6.6501	130.59	256.50	86.926	91.198

#1	-.00157	.00037	.00260	-.00171	-.00016	.00817	.00101
#2	-.00302	.00158	.00277	.00055	-.00341	.00229	.00109
#3	-.00408	.00115	.00297	-.00355	.00093	.00179	-.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00009	.01826	-.00034	-.00015	.00207	.00290
Stddev	.00006	.00002	.00998	.00021	.00016	.00031	.00021
%RSD	1983.7	22.076	54.641	61.172	106.18	14.792	7.2187

#1	.00007	.00009	.02030	-.00012	-.00024	.00199	.00314
#2	-.00004	.00007	.02707	-.00054	-.00026	.00181	.00275
#3	-.00003	.00011	.00742	-.00037	.00003	.00241	.00281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.05431	-.00140	.00061	-.32654	.00004	-.00004
Stddev	.00006	.06883	.00019	.00042	.00754	.00014	.00001
%RSD	89.032	126.74	13.888	68.338	2.3089	317.61	14.228

#1	.00013	-.02401	-.00117	.00108	-.33239	.00011	-.00005
#2	.00001	.10519	-.00151	.00029	-.31803	-.00012	-.00005
#3	.00006	.08175	-.00151	.00046	-.32919	.00014	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27496	-.00015	.00729	F -.07724	.00239	-.00179	.00038
Stddev	.04086	.00008	.00449	.00150	.00067	.00035	.00068
%RSD	14.861	55.615	61.594	1.9372	28.114	19.782	177.33

#1	.28526	-.00010	.00738	-.07552	.00204	-.00216	.00063
#2	.30969	-.00025	.01173	-.07819	.00317	-.00176	-.00039
#3	.22993	-.00010	.00275	-.07801	.00197	-.00146	.00090

Sample Name: PB120674BL Acquired: 6/17/2019 18:12:53 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120674BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00703	-.0010	-.00003	F 1.0909	F 2.1402
Stddev	.00148	.0011	.00005	.5122	.3707
%RSD	21.040	107.8	214.18	46.957	17.323

#1	.00642	-.0017	-.00009	1.3640	1.9354
#2	.00872	.0002	.00001	1.4088	2.5681
#3	.00595	-.0015	.00000	.49997	1.9170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.8	42309.	3891.6	68.764	3363.8
Stddev	11.2	189.	63.3	2.305	10.0
%RSD	.36318	.44686	1.6272	3.3515	.29682

#1	3069.9	42131.	3962.0	71.308	3356.0
#2	3065.0	42288.	3873.7	68.167	3360.3
#3	3086.3	42508.	3839.2	66.817	3375.0

Sample Name: PB120675TB Acquired: 6/17/2019 18:17:22 Type: Unk
Method: P4-ICP2(v3206) 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	-.00381	-.00139	.00418	.00113	-.00008	.00876	.00069
Stddev	.00128	.00123	.00038	.00087	.00113	.01102	.00011
%RSD	33.580	88.689	9.1377	77.391	1447.4	125.78	15.541

#1	-.00326	-.00006	.00435	.00020	-.00137	.01965	.00059
#2	-.00527	-.00249	.00446	.00125	.00068	-.00238	.00081
#3	-.00289	-.00161	.00375	.00193	.00046	.00900	.00068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00006	.03666	.00033	-.00036	.00194	.00561
Stddev	.00004	.00009	.00780	.00035	.00002	.00021	.00067
%RSD	50.093	150.65	21.276	106.63	4.9025	10.951	11.947

#1	-.00013	.00014	.03214	.00072	-.00035	.00218	.00532
#2	-.00007	-.00004	.03217	.00006	-.00038	.00189	.00638
#3	-.00005	.00008	.04566	.00020	-.00036	.00176	.00513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.03406	-.00052	.00208	F 300.31	.00006	.00566
Stddev	.00003	.01539	.00023	.00040	.59	.00013	.00004
%RSD	17.723	45.180	44.858	19.480	.19611	229.58	.76777

#1	.00020	.03978	-.00063	.00180	300.41	.00010	.00565
#2	.00021	.04577	-.00068	.00189	299.68	.00017	.00571
#3	.00015	.01663	-.00025	.00254	300.85	-.00009	.00563

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33947	-.00004	-.00473	F -.06878	.00935	-.00083	.00059
Stddev	.01301	.00018	.01047	.00266	.00169	.00061	.00066
%RSD	3.8321	447.93	221.38	3.8745	18.104	73.915	113.09

#1	.33454	-.00010	-.01680	-.07184	.00941	-.00018	.00085
#2	.32964	-.00019	.00084	-.06698	.00762	-.00139	.00108
#3	.35422	.00016	.00178	-.06751	.01100	-.00092	-.00017

Sample Name: PB120675TB Acquired: 6/17/2019 18:17:22 Type: Unk
Method: P4-ICP2(v3206) 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	.00746	-.0002	.00011	3.9945	1.5991
Stddev	.00110	.0014	.00003	.2131	.2198
%RSD	14.750	588.6	30.254	5.3343	13.743
#1	.00830	-.0018	.00015	3.9677	1.3636
#2	.00788	.0008	.00008	3.7961	1.7988
#3	.00622	.0003	.00010	4.2197	1.6349
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.5	39201.	3773.5	65.831	2949.3
Stddev	2.0	175.	47.6	.905	3.3
%RSD	.06952	.44749	1.2605	1.3742	.11093
#1	2882.4	38999.	3748.6	66.875	2952.5
#2	2884.6	39289.	3828.4	65.292	2949.3
#3	2880.6	39316.	3743.7	65.325	2945.9

Sample Name: PB120676TB Acquired: 6/17/2019 18:21:59 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120674BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00470	-.00066	.00290	-.00060	.00115	.00729	.00095
Stddev	.00103	.00070	.00030	.00304	.00118	.00555	.00046
%RSD	21.935	107.03	10.436	503.82	102.96	76.225	48.286

#1	-.00452	-.00048	.00261	.00281	.00152	.00453	.00047
#2	-.00377	-.00143	.00321	-.00161	.00210	.01368	.00101
#3	-.00581	-.00006	.00289	-.00301	-.00018	.00365	.00138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00005	.02215	-.00007	-.00037	.00148	.00390
Stddev	.00002	.00004	.00915	.00018	.00022	.00028	.00108
%RSD	64.607	75.603	41.323	265.93	58.110	18.688	27.753

#1	-.00005	.00005	.01375	-.00020	-.00061	.00166	.00482
#2	-.00003	.00001	.03190	.00014	-.00019	.00162	.00417
#3	-.00001	.00010	.02080	-.00015	-.00032	.00116	.00271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.06031	-.00059	.00229	F 312.46	.00016	.00378
Stddev	.00002	.00923	.00018	.00034	.94	.00039	.00004
%RSD	28.932	15.305	30.868	14.743	.30064	241.15	1.1359

#1	.00006	.05853	-.00080	.00259	313.24	-.00012	.00379
#2	.00009	.05209	-.00050	.00236	312.74	-.00000	.00373
#3	.00006	.07030	-.00047	.00192	311.42	.00061	.00381

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36927	-.00011	-.00668	F -.07121	.01079	-.00031	.00184
Stddev	.02090	.00007	.01696	.00385	.00167	.00081	.00194
%RSD	5.6587	63.705	253.87	5.4125	15.504	259.37	105.41

#1	.39237	-.00019	-.01666	-.07231	.01179	.00033	.00009
#2	.35169	-.00009	-.01627	-.07440	.00886	-.00005	.00151
#3	.36374	-.00005	.01290	-.06693	.01173	-.00122	.00393

Sample Name: PB120676TB Acquired: 6/17/2019 18:21:59 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120674BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00837	-.0016	.00002	4.3536	2.0307
Stddev	.00173	.0007	.00001	.1526	.1800
%RSD	20.707	46.72	31.662	3.5057	8.8634
#1	.00663	-.0016	.00002	4.1879	2.0041
#2	.01010	-.0023	.00002	4.3844	1.8655
#3	.00839	-.0008	.00001	4.4884	2.2225
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.5	39005.	3717.2	63.564	2957.8
Stddev	4.2	113.	39.1	2.104	.2
%RSD	.14538	.28847	1.0521	3.3094	.00759
#1	2892.5	38904.	3673.2	62.417	2957.7
#2	2891.6	38983.	3748.0	65.992	2957.6
#3	2899.3	39126.	3730.4	62.283	2958.1

Sample Name: K3154-07 Acquired: 6/17/2019 18:26:38 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01799	.00382	.62197	.01239	.00177	76.176	.60079	.00588
Stddev	.00118	.00061	.00340	.00108	.00038	.212	.00290	.00006
%RSD	6.5853	15.851	.54736	8.6939	21.480	.27778	.48294	.97598

#1	.01662	.00403	.61898	.01349	.00136	76.072	.59817	.00587
#2	.01869	.00430	.62127	.01134	.00184	76.036	.60030	.00583
#3	.01865	.00314	.62568	.01234	.00212	76.419	.60391	.00594

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	62.761	.15220	.06561	.21170	137.91	2.6323	30.240
Stddev	.00009	.136	.00022	.00020	.00042	.29	.0007	.086
%RSD	3.1807	.21623	.14624	.31054	.19626	.20881	.02764	.28429

#1	-.00288	62.627	.15224	.06540	.21128	138.18	2.6323	30.144
#2	-.00272	62.759	.15197	.06563	.21171	137.61	2.6316	30.309
#3	-.00274	62.898	.15241	.06581	.21211	137.95	2.6331	30.268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10772	-.00927	5.7103	.23591	1.0083	10.376	.00343	-.00041
Stddev	.00103	.00026	.0255	.00048	.0013	.068	.00037	.00495
%RSD	.95985	2.7943	.44705	.20513	.13176	.65569	10.771	1216.6

#1	.10882	-.00915	5.6808	.23631	1.0073	10.312	.00363	.00015
#2	.10676	-.00910	5.7257	.23537	1.0098	10.370	.00300	-.00562
#3	.10759	-.00957	5.7243	.23605	1.0076	10.447	.00365	.00425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6331	3.1078	.03200	2.5297	.12579	3.499	.07590	<.00000
Stddev	.0059	.0371	.00009	.0170	.00062	.004	.00173	.11781
%RSD	.35901	1.1942	.29635	.67369	.49137	.1227	2.2800	3.9070

#1	1.6314	3.0906	.03205	2.5101	.12583	3.495	.07400	-3.0360
#2	1.6283	3.1504	.03189	2.5409	.12638	3.499	.07738	-2.8886
#3	1.6396	3.0824	.03206	2.5381	.12515	3.503	.07631	-3.1215

Sample Name: K3154-07 Acquired: 6/17/2019 18:26:38 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	53.983
Stddev	.414
%RSD	.76699

#1	54.107
#2	54.321
#3	53.521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.1	46137.	4357.2	66.558	3017.3
Stddev	2.0	79.	18.6	.959	3.8
%RSD	.05925	.17083	.42581	1.4412	.12496

#1	3378.0	46074.	4375.6	67.594	3021.5
#2	3374.0	46226.	4338.5	65.700	3014.2
#3	3376.4	46112.	4357.4	66.381	3016.1

Sample Name: K3154-07DUP Acquired: 6/17/2019 18:30:58 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01676	.00374	.61985	.01151	.00207	76.705	.60745	.00589
Stddev	.00324	.00056	.00235	.00122	.00081	.342	.00282	.00002
%RSD	19.312	14.862	.37874	10.634	39.227	.44558	.46442	.34843

#1	.01966	.00368	.61720	.01169	.00299	76.312	.60518	.00589
#2	.01735	.00322	.62068	.01264	.00144	76.867	.61061	.00586
#3	.01327	.00433	.62168	.01021	.00178	76.934	.60655	.00590

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00285	62.959	.15185	.06571	.21327	137.87	2.6324	30.221
Stddev	.00011	.189	.00056	.00045	.00077	.64	.0015	.182
%RSD	3.7457	.30041	.36969	.68103	.36279	.46168	.05647	.60065

#1	-.00277	62.742	.15121	.06568	.21404	137.74	2.6324	30.054
#2	-.00297	63.042	.15208	.06618	.21328	138.56	2.6309	30.195
#3	-.00282	63.091	.15227	.06529	.21249	137.31	2.6339	30.414

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10799	-.00936	5.6922	.23493	1.0074	10.491	.00372	-.01400
Stddev	.00020	.00042	.0244	.00130	.0015	.043	.00008	.01213
%RSD	.18666	4.4523	.42826	.55296	.14816	.41203	2.0518	86.623

#1	.10821	-.00898	5.6655	.23343	1.0079	10.447	.00365	-.02323
#2	.10797	-.00929	5.6980	.23571	1.0057	10.533	.00380	-.01851
#3	.10781	-.00981	5.7132	.23565	1.0085	10.494	.00370	-.00026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6339	3.0818	.03327	2.5411	.12448	3.504	.07621	<.00000
Stddev	.0008	.0455	.00032	.0063	.00207	.008	.00133	.12743
%RSD	.04872	1.4773	.97231	.24878	1.6609	.2400	1.7442	4.3424

#1	1.6345	3.1332	.03303	2.5437	.12378	3.505	.07740	-3.0593
#2	1.6342	3.0658	.03364	2.5339	.12285	3.496	.07477	-2.9400
#3	1.6330	3.0465	.03314	2.5458	.12681	3.513	.07646	-2.8046

Sample Name: K3154-07DUP Acquired: 6/17/2019 18:30:58 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 54.075
 Stddev .335
 %RSD .61870

#1 53.689
 #2 54.265
 #3 54.271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.0	45943.	4352.5	65.918	3005.0
Stddev	.8	31.	27.6	.612	1.4
%RSD	.02430	.06684	.63345	.92801	.04785

#1	3360.5	45911.	4320.8	66.620	3005.0
#2	3360.5	45946.	4371.0	65.630	3006.4
#3	3361.9	45972.	4365.7	65.502	3003.6

Sample Name: K3154-07LX5 Acquired: 6/17/2019 18:35:18 Type: Unk
Method: P4-ICP2(v3206) 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	.00111	.00171	.12574	.00323	.00012	16.647	.13137	.00128
Stddev	.00101	.00067	.00050	.00198	.00087	.136	.00047	.00004
%RSD	91.577	38.907	.39806	61.292	720.85	.81723	.35602	2.7433

#1	-.00004	.00174	.12599	.00407	.00108	16.495	.13116	.00125
#2	.00187	.00236	.12606	.00097	-.00063	16.757	.13190	.00132
#3	.00148	.00103	.12516	.00465	-.00009	16.688	.13104	.00128

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	14.362	.03417	.01292	.05066	34.125	.59725	6.7223
Stddev	.00002	.073	.00016	.00027	.00027	.131	.00142	.0380
%RSD	1.4940	.50516	.46528	2.0890	.53572	.38257	.23788	.56563

#1	-.00138	14.281	.03429	.01276	.05084	34.138	.59620	6.6792
#2	-.00138	14.385	.03424	.01276	.05080	33.988	.59886	6.7368
#3	-.00135	14.421	.03399	.01323	.05035	34.248	.59667	6.7510

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01993	-.00101	.93415	.05251	.19630	2.4438	.00061	-.00136
Stddev	.00021	.00016	.00240	.00045	.00001	.0023	.00023	.00590
%RSD	1.0361	15.644	.25665	.84809	.00260	.09241	38.476	435.01

#1	.01993	-.00115	.93160	.05222	.19631	2.4459	.00034	-.00158
#2	.02014	-.00084	.93636	.05228	.19630	2.4440	.00070	-.00715
#3	.01973	-.00104	.93448	.05302	.19631	2.4414	.00078	.00465

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25590	.72347	.00525	.57303	.03495	.6820	.01366	2.0092
Stddev	.00226	.00059	.00065	.00505	.00109	.0013	.00022	.2771
%RSD	.88231	.08203	12.371	.88045	3.1138	.1954	1.6399	13.791

#1	.25363	.72283	.00452	.56936	.03619	.6826	.01363	2.3071
#2	.25814	.72400	.00578	.57094	.03449	.6804	.01390	1.7591
#3	.25593	.72358	.00544	.57878	.03417	.6829	.01345	1.9615

Sample Name: K3154-07LX5 Acquired: 6/17/2019 18:35:18 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.889
Stddev .479
%RSD 3.4501

#1 13.695
#2 14.435
#3 13.537

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.6	42665.	3880.1	64.411	3230.9
Stddev	8.9	114.	15.8	1.028	8.6
%RSD	.28569	.26647	.40652	1.5962	.26508

#1	3113.9	42657.	3870.3	64.742	3224.2
#2	3125.7	42555.	3898.3	65.233	3228.0
#3	3131.4	42782.	3871.7	63.258	3240.5

Sample Name: K3154-07MS Acquired: 6/17/2019 18:39:48 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65096	1.9111	1.8826	1.6473	.16015	84.798	.85773	.18361
Stddev	.00305	.0026	.0035	.0016	.00124	.320	.00338	.00015
%RSD	.46830	.13810	.18596	.09627	.77382	.37761	.39381	.08010

#1	.65402	1.9103	1.8786	1.6491	.15877	84.607	.86154	.18362
#2	.64793	1.9090	1.8848	1.6460	.16052	84.619	.85654	.18375
#3	.65092	1.9141	1.8845	1.6467	.16116	85.168	.85511	.18346

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18467	75.139	.55882	.25326	.47639	132.68	2.5520	31.780
Stddev	.00013	.091	.00082	.00017	.00088	1.30	.0045	.295
%RSD	.06856	.12052	.14704	.06748	.18489	.98056	.17524	.92676

#1	.18453	75.109	.55970	.25341	.47692	131.75	2.5531	32.117
#2	.18476	75.241	.55866	.25308	.47537	134.17	2.5557	31.650
#3	.18473	75.068	.55808	.25329	.47688	132.13	2.5470	31.572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58873	.05669	8.1817	.51885	1.0865	18.862	.33238	.23952
Stddev	.00137	.00033	.0261	.00070	.0013	.138	.00025	.00926
%RSD	.23353	.58174	.31922	.13402	.11609	.73242	.07523	3.8658

#1	.58763	.05693	8.2117	.51904	1.0852	19.021	.33224	.24554
#2	.58830	.05683	8.1693	.51943	1.0867	18.794	.33267	.22885
#3	.59027	.05631	8.1641	.51808	1.0877	18.770	.33224	.24415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4326	4.9245	.64651	3.0813	.31390	9.366	.29844	<.00000
Stddev	.0071	.2813	.00159	.1549	.01721	.004	.02474	.23699
%RSD	.29052	5.7130	.24528	5.0274	5.4814	.0424	8.2911	11.815

#1	2.4294	5.1748	.64469	3.2300	.32948	9.364	.32030	-2.1979
#2	2.4277	4.6200	.64719	2.9209	.29543	9.371	.27158	-2.0785
#3	2.4407	4.9786	.64764	3.0932	.31678	9.364	.30345	-1.7410

Sample Name: K3154-07MS Acquired: 6/17/2019 18:39:48 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	49.793
Stddev	.757
%RSD	1.5194

#1	50.273
#2	48.921
#3	50.185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.0	45370.	4274.7	65.672	2967.1
Stddev	5.7	168.	216.0	2.133	6.3
%RSD	.17181	.37079	5.0524	3.2478	.21161

#1	3325.4	45258.	4076.2	64.709	2974.0
#2	3317.4	45288.	4504.7	68.117	2965.6
#3	3314.3	45564.	4243.2	64.191	2961.7

Sample Name: K3154-07MSD Acquired: 6/17/2019 18:44:06 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65134	1.9177	1.8622	1.6488	.16153	83.537	.86975	.18392
Stddev	.00166	.0094	.0050	.0032	.00095	.301	.00056	.00104
%RSD	.25478	.48905	.26959	.19315	.58788	.36072	.06416	.56668
#1	.65033	1.9069	1.8590	1.6503	.16257	83.256	.86925	.18278
#2	.65044	1.9228	1.8680	1.6509	.16133	83.855	.87035	.18418
#3	.65326	1.9235	1.8596	1.6451	.16070	83.499	.86964	.18482
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18481	73.828	.55268	.25303	.47768	132.38	2.5459	31.626
Stddev	.00056	.261	.00046	.00003	.00025	.82	.0039	.092
%RSD	.30496	.35379	.08265	.00994	.05157	.62270	.15249	.28973
#1	.18419	73.634	.55321	.25300	.47795	132.52	2.5427	31.690
#2	.18529	73.725	.55248	.25305	.47763	131.50	2.5502	31.667
#3	.18495	74.125	.55236	.25305	.47747	133.13	2.5449	31.521
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58899	.05703	8.1328	.51562	1.0958	18.799	.33466	.24132
Stddev	.00137	.00033	.0423	.00072	.0018	.082	.00067	.01547
%RSD	.23337	.58026	.51986	.13969	.16795	.43601	.19944	6.4097
#1	.58809	.05677	8.1084	.51479	1.0950	18.705	.33403	.25470
#2	.59057	.05692	8.1816	.51603	1.0946	18.857	.33536	.24487
#3	.58830	.05740	8.1082	.51605	1.0979	18.835	.33459	.22438
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2867	4.9310	.64695	3.0216	.31199	9.345	.29347	<.00000
Stddev	.0050	.0521	.00109	.0211	.00224	.020	.00274	.19454
%RSD	.22077	1.0565	.16894	.69822	.71921	.2118	.93219	14.839
#1	2.2857	4.9561	.64689	2.9985	.31022	9.322	.29113	-1.5077
#2	2.2822	4.8711	.64807	3.0264	.31123	9.357	.29281	-1.1187
#3	2.2922	4.9658	.64588	3.0399	.31451	9.356	.29648	-1.3067

Sample Name: K3154-07MSD Acquired: 6/17/2019 18:44:06 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	50.782
Stddev	.295
%RSD	.58075

#1	51.009
#2	50.889
#3	50.449

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.9	45327.	4278.7	66.074	2962.9
Stddev	10.9	109.	47.2	.975	6.9
%RSD	.32955	.24156	1.1024	1.4755	.23197

#1	3293.1	45276.	4287.6	65.946	2959.2
#2	3314.6	45453.	4320.8	67.106	2970.9
#3	3300.9	45252.	4227.7	65.169	2958.8

Sample Name: K3154-07A Acquired: 6/17/2019 18:48:17 Type: Unk
Method: P4-ICP2(v3206) 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	.65481	1.9113	1.8624	1.6476	.16212	84.389	.87058	.18406
Stddev	.00084	.0011	.0044	.0040	.00075	.470	.00303	.00039
%RSD	.12898	.05831	.23606	.24208	.46490	.55732	.34799	.21012
#1	.65384	1.9107	1.8615	1.6470	.16143	84.003	.86837	.18368
#2	.65526	1.9107	1.8585	1.6440	.16201	84.251	.86933	.18445
#3	.65534	1.9126	1.8672	1.6519	.16293	84.912	.87403	.18404
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18442	74.062	.55325	.25262	.47748	132.29	2.5426	31.801
Stddev	.00027	.414	.00119	.00063	.00163	1.04	.0022	.148
%RSD	.14816	.55860	.21483	.24795	.34230	.78384	.08672	.46509
#1	.18437	73.790	.55204	.25232	.47656	132.40	2.5402	31.702
#2	.18418	73.859	.55328	.25219	.47937	131.20	2.5445	31.730
#3	.18472	74.538	.55442	.25334	.47651	133.27	2.5432	31.971
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58980	.05593	8.1629	.51621	1.0957	18.834	.33369	.25337
Stddev	.00104	.00054	.0316	.00114	.0018	.114	.00125	.00914
%RSD	.17554	.95876	.38738	.22131	.16372	.60469	.37312	3.6087
#1	.59017	.05624	8.1454	.51562	1.0975	18.707	.33310	.25847
#2	.58863	.05624	8.1439	.51753	1.0939	18.869	.33512	.24281
#3	.59060	.05531	8.1994	.51548	1.0955	18.927	.33286	.25882
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3022	4.9243	.64738	3.0245	.31623	9.364	.29614	<.00000
Stddev	.0095	.0415	.00010	.0089	.00241	.019	.00206	.15866
%RSD	.41050	.84194	.01603	.29308	.76154	.2075	.69712	10.316
#1	2.3103	4.9093	.64737	3.0158	.31350	9.381	.29536	-1.5384
#2	2.2918	4.9712	.64729	3.0336	.31713	9.343	.29848	-1.3791
#3	2.3045	4.8924	.64749	3.0240	.31805	9.367	.29458	-1.6964

Sample Name: K3154-07A Acquired: 6/17/2019 18:48:17 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	51.616
Stddev	.473
%RSD	.91679

#1	51.514
#2	51.202
#3	52.132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.0	45257.	4266.9	65.761	2966.3
Stddev	10.3	62.	19.6	1.523	3.3
%RSD	.31155	.13746	.45936	2.3163	.11179

#1	3308.5	45194.	4260.5	64.439	2962.9
#2	3297.4	45318.	4251.3	67.426	2969.5
#3	3318.0	45259.	4288.9	65.417	2966.4

Sample Name: CCV05 Acquired: 6/17/2019 18:52:30 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9870	5.0217	5.0443	5.0203	5.0205	9.9666	10.208	.25194
Stddev	.0122	.0026	.0110	.0202	.0093	.0617	.057	.00068
%RSD	.24444	.05246	.21882	.40219	.18490	.61946	.55797	.26847
#1	4.9986	5.0219	5.0564	5.0435	5.0310	9.9384	10.149	.25126
#2	4.9882	5.0242	5.0348	5.0069	5.0135	9.9240	10.213	.25196
#3	4.9743	5.0189	5.0417	5.0104	5.0169	10.037	10.263	.25261
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4357	25.114	1.0223	2.4349	1.2936	5.2607	2.5825	25.917
Stddev	.0032	.213	.0033	.0034	.0052	.0141	.0040	.208
%RSD	.13124	.84831	.32424	.14176	.40348	.26751	.15658	.80198
#1	2.4393	24.891	1.0194	2.4383	1.2979	5.2458	2.5793	25.722
#2	2.4346	25.138	1.0216	2.4314	1.2952	5.2626	2.5810	25.894
#3	2.4332	25.315	1.0259	2.4349	1.2878	5.2738	2.5870	26.136
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4663	1.2756	24.637	2.5744	2.3963	26.268	5.0183	4.9137
Stddev	.0015	.0026	.127	.0044	.0040	.260	.0078	.0450
%RSD	.06047	.20255	.51512	.17131	.16906	.98796	.15483	.91658
#1	2.4680	1.2744	24.502	2.5748	2.4004	25.969	5.0260	4.8844
#2	2.4659	1.2738	24.654	2.5698	2.3962	26.436	5.0105	4.8912
#3	2.4651	1.2785	24.754	2.5786	2.3923	26.398	5.0185	4.9656
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8837	5.4580	4.8071	5.0230	5.3716	5.077	5.0419	F 4.1584
Stddev	.0248	.0262	.0103	.0095	.0272	.015	.0137	.1581
%RSD	.50784	.48097	.21322	.18989	.50539	.3013	.27177	3.8013
#1	4.8834	5.4867	4.8180	5.0311	5.3970	5.092	5.0528	4.3030
#2	4.8590	5.4520	4.7976	5.0254	5.3748	5.061	5.0465	4.1826
#3	4.9086	5.4353	4.8057	5.0125	5.3430	5.078	5.0265	3.9897

Sample Name: CCV05 Acquired: 6/17/2019 18:52:30 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.1964
Stddev	.3799
%RSD	7.3108

#1	4.8262
#2	5.5853
#3	5.1777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.3	39975.	3717.6	64.324	2918.4
Stddev	16.2	104.	16.1	.515	13.8
%RSD	.55215	.26078	.43226	.80125	.47204

#1	2916.4	40068.	3702.1	64.529	2904.0
#2	2931.8	39994.	3716.5	64.705	2919.8
#3	2948.8	39862.	3734.1	63.737	2931.4

Sample Name: CCB05 Acquired: 6/17/2019 18:56:28 Type: Unk
Method: P4-ICP2(v3206) 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	-.00089	.00214	F .00585	-.00037	.00058	.01073	.00148
Stddev	.00120	.00040	.00061	.00218	.00069	.01169	.00041
%RSD	135.02	18.840	10.455	588.04	118.83	108.91	27.544

#1	.00047	.00254	.00583	.00111	.00113	.01223	.00175
#2	-.00135	.00173	.00525	-.00288	.00082	-.00163	.00101
#3	-.00178	.00215	.00647	.00065	-.00020	.02160	.00167

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00006	.00603	-.00059	-.00005	.00181	.00535
Stddev	.00001	.00008	.00457	.00040	.00021	.00010	.00118
%RSD	27.706	134.76	75.767	67.590	420.51	5.7196	21.973

#1	.00005	.00010	.00088	-.00102	-.00024	.00183	.00453
#2	.00003	.00011	.00762	-.00024	-.00009	.00170	.00483
#3	.00005	-.00003	.00958	-.00050	.00018	.00190	.00670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.03224	-.00149	.00092	-.41095	.00009	.00034
Stddev	.00003	.01127	.00024	.00030	.00693	.00033	.00012
%RSD	18.100	34.962	15.810	32.699	1.6867	362.44	33.779

#1	.00021	.04525	-.00137	.00070	-.41563	.00026	.00048
#2	.00014	.02610	-.00176	.00127	-.40299	-.00029	.00027
#3	.00018	.02536	-.00133	.00080	-.41424	.00031	.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26098	.00102	.00711	F -.07830	.00771	-.00045	.00006
Stddev	.03401	.00058	.00714	.00314	.00132	.00031	.00132
%RSD	13.031	57.381	100.37	4.0056	17.096	69.414	2131.7

#1	.25001	.00169	.00068	-.08192	.00924	-.00076	.00137
#2	.23382	.00065	.00587	-.07639	.00692	-.00014	-.00127
#3	.29912	.00072	.01479	-.07658	.00698	-.00043	.00009

Sample Name: CCB05 Acquired: 6/17/2019 18:56:28 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00901	-.0005	.00006	F 1.9994	F 2.1720
Stddev	.00198	.0012	.00007	.3150	.2517
%RSD	22.017	243.1	101.91	15.755	11.588
#1	.00838	.0004	.00005	2.1534	2.4053
#2	.00742	-.0019	.00014	2.2077	1.9053
#3	.01124	.0000	.00001	1.6370	2.2054
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.9	42118.	3758.3	66.125	3360.0
Stddev	4.5	54.	13.6	1.668	4.9
%RSD	.14673	.12767	.36318	2.5227	.14553
#1	3065.4	42060.	3773.8	65.967	3360.7
#2	3057.7	42129.	3752.6	67.867	3354.8
#3	3065.5	42166.	3748.4	64.542	3364.5

Sample Name: K3376-01 Acquired: 6/17/2019 19:00:57 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NEW-DOVER-TP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00962	.00471	.08993	.01164	.00512	143.06	.58416	.00666
Stddev	.00129	.00044	.00142	.00339	.00104	4.79	.01969	.00023
%RSD	13.399	9.2553	1.5752	29.138	20.256	3.3456	3.3706	3.5215

#1	.00893	.00510	.09024	.01476	.00581	148.59	.60689	.00693
#2	.01111	.00424	.08838	.01213	.00563	140.13	.57212	.00649
#3	.00883	.00479	.09117	.00803	.00393	140.47	.57348	.00657

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00477	28.832	.13281	.05799	.11451	140.62	1.3681	25.519
Stddev	.00046	.883	.00469	.00007	.00104	4.16	.0551	.777
%RSD	9.5893	3.0640	3.5286	.12885	.91006	2.9614	4.0301	3.0438

#1	-.00528	29.834	.13822	.05808	.11352	145.36	1.4317	26.403
#2	-.00442	28.168	.12996	.05795	.11560	137.56	1.3358	24.947
#3	-.00459	28.492	.13025	.05795	.11442	138.93	1.3367	25.206

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12075	-.01069	.77755	.21584	.40557	6.9404	.00099	-.00776
Stddev	.00065	.00061	.05305	.00783	.00146	.1914	.00026	.01142
%RSD	.53424	5.7057	6.8230	3.6274	.35909	2.7578	26.209	147.09

#1	.12115	-.01135	.83857	.22488	.40523	7.1526	.00122	.00531
#2	.12000	-.01058	.74233	.21119	.40716	6.7808	.00106	-.01282
#3	.12109	-.01014	.75176	.21146	.40431	6.8879	.00071	-.01578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1090	4.9734	.00660	1.4393	.16505	2.997	-.11829	<.00000
Stddev	.0086	.1135	.00096	.0089	.00081	.011	.00446	1.4106
%RSD	.40981	2.2817	14.556	.61904	.49056	.3774	3.7712	456.92

#1	2.1065	4.8489	.00771	1.4351	.16582	2.996	-.12336	1.2852
#2	2.1019	5.0711	.00601	1.4332	.16421	3.009	-.11495	-.81540
#3	2.1186	5.0001	.00607	1.4495	.16512	2.987	-.11658	-1.3960

Sample Name: K3376-01 Acquired: 6/17/2019 19:00:57 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NEW-DOVER-TP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	55.177
Stddev	.429
%RSD	.77704

#1	55.659
#2	54.839
#3	55.032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.2	43636.	4217.6	63.982	3044.5
Stddev	8.9	1567.	21.4	1.077	13.8
%RSD	.27145	3.5913	.50783	1.6824	.45476

#1	3264.5	41827.	4211.2	64.407	3033.0
#2	3270.3	44526.	4200.0	62.758	3040.8
#3	3281.9	44556.	4241.4	64.782	3059.9

Sample Name: K3382-01 Acquired: 6/17/2019 19:05:29 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04688	-.00110	.13845	-.00476	.00462	157.23	1.0643	.01641
Stddev	.00182	.00373	.00080	.00193	.00132	.82	.0036	.00006
%RSD	3.8833	340.96	.58060	40.480	28.649	.52320	.33957	.39049
#1	.04897	.00315	.13869	-.00273	.00319	156.33	1.0617	.01641
#2	.04564	-.00387	.13756	-.00656	.00581	157.44	1.0629	.01635
#3	.04602	-.00257	.13911	-.00499	.00487	157.94	1.0685	.01648
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	1326.3	.24894	.07524	.86567	119.73	2.6897	78.376
Stddev	.00005	5.2	.00109	.00050	.00132	.25	.0068	.544
%RSD	13.266	.39540	.43748	.65872	.15233	.20546	.25140	.69436
#1	.00030	1330.5	.25002	.07475	.86670	119.58	2.6957	77.940
#2	.00038	1327.9	.24784	.07574	.86613	120.01	2.6824	78.203
#3	.00039	1320.4	.24896	.07523	.86418	119.59	2.6911	78.986
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18214	-.00918	5.5681	.48961	.64084	30.787	.01455	.19038
Stddev	.00040	.00046	.0392	.00331	.00031	.065	.00023	.00422
%RSD	.21958	4.9583	.70434	.67532	.04803	.21050	1.6015	2.2185
#1	.18223	-.00918	5.5437	.49283	.64097	30.718	.01444	.19409
#2	.18170	-.00873	5.5473	.48622	.64049	30.797	.01438	.18578
#3	.18248	-.00964	5.6134	.48979	.64106	30.846	.01481	.19125
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 54.040	.61689	.00189	5.1965	.28517	F 11.01	8.1910	1.0132
Stddev	.098	.00443	.00016	.0156	.00043	.01	.0095	.2244
%RSD	.18161	.71804	8.3073	.29962	.15086	.0673	.11623	22.151
#1	54.078	.61376	.00187	5.1788	.28539	11.01	8.1928	1.2591
#2	53.928	.62196	.00206	5.2024	.28545	11.02	8.1995	.81936
#3	54.113	.61494	.00175	5.2082	.28468	11.01	8.1807	.96117

Sample Name: K3382-01 Acquired: 6/17/2019 19:05:29 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	60.942
Stddev	.250
%RSD	.41079

#1	61.228
#2	60.764
#3	60.833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.1	43496.	4488.7	59.610	2400.1
Stddev	7.7	29.	6.4	1.181	5.0
%RSD	.24255	.06586	.14291	1.9819	.20780

#1	3165.4	43462.	4481.3	58.277	2394.4
#2	3176.6	43512.	4491.9	60.527	2403.0
#3	3180.2	43512.	4492.8	60.027	2403.0

Sample Name: K3382-05 Acquired: 6/17/2019 19:10:10 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRAVEL-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	.05363	-.00728	.11502	.00413	.00552	51.090	.27122	.00949
Stddev	.00061	.00143	.00107	.00234	.00055	.241	.00075	.00015
%RSD	1.1456	19.594	.93026	56.653	9.9476	.47172	.27505	1.5938
#1	.05364	-.00582	.11492	.00225	.00490	51.032	.27039	.00943
#2	.05423	-.00734	.11400	.00676	.00594	50.883	.27146	.00966
#3	.05301	-.00867	.11614	.00339	.00571	51.354	.27182	.00938
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01351	89.319	-.01377	.17675	3.8894	216.47	1.8513	18.384
Stddev	.00036	.184	.00022	.00024	.0051	.78	.0020	.082
%RSD	2.6638	.20631	1.5724	.13507	.13212	.36063	.10833	.44372
#1	.01391	89.123	-.01354	.17668	3.8937	215.57	1.8509	18.319
#2	.01340	89.343	-.01397	.17656	3.8837	216.88	1.8495	18.357
#3	.01321	89.489	-.01380	.17702	3.8908	216.96	1.8534	18.476
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01357	-.03039	.50080	.06822	1.5930	12.480	.00233	-.12708
Stddev	.00006	.00017	.00585	.00069	.0055	.021	.00011	.00780
%RSD	.44815	.54427	1.1678	1.0052	.34685	.16860	4.8171	6.1402
#1	-.01351	-.03031	.50112	.06747	1.5978	12.460	.00246	-.12334
#2	-.01356	-.03058	.49480	.06882	1.5870	12.480	.00225	-.12186
#3	-.01364	-.03027	.50648	.06838	1.5942	12.502	.00228	-.13605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6382	1.2976	.01421	2.5909	.05852	F 35.59	-.15563	<.00000
Stddev	.0024	.0360	.00040	.0100	.00120	.14	.00079	.87246
%RSD	.06549	2.7745	2.8243	.38750	2.0577	.3967	.50468	3.0479
#1	3.6405	1.3157	.01396	2.5796	.05783	35.72	-.15475	-27.935
#2	3.6383	1.3210	.01400	2.5988	.05991	35.44	-.15627	-29.606
#3	3.6357	1.2562	.01468	2.5942	.05782	35.62	-.15586	-28.335

Sample Name: K3382-05 Acquired: 6/17/2019 19:10:10 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRAVEL-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 158.92
Stddev	1.53
%RSD	.96539

#1	157.77
#2	160.66
#3	158.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5262.3	73510.	7000.5	62.078	2782.5
Stddev	6.5	110.	38.2	.749	13.2
%RSD	.12296	.14995	.54500	1.2069	.47275

#1	5258.6	73486.	6964.4	62.442	2772.5
#2	5269.8	73631.	6996.7	62.575	2797.4
#3	5258.5	73414.	7040.4	61.216	2777.5

Sample Name: K3382-07 Acquired: 6/17/2019 19:14:30 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRAVEL-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	.01971	.00439	.22019	.00714	.00514	80.851	.49388	.00802
Stddev	.00176	.00050	.00275	.00127	.00158	.639	.00506	.00003
%RSD	8.9340	11.418	1.2488	17.785	30.637	.79067	1.0243	.35310
#1	.01777	.00461	.22279	.00671	.00439	80.115	.48809	.00799
#2	.02120	.00473	.22048	.00615	.00695	81.163	.49613	.00804
#3	.02016	.00381	.21731	.00857	.00409	81.274	.49742	.00802
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	260.91	.21140	.19910	1.5318	252.38	5.2028	86.552
Stddev	.00025	2.06	.00159	.00032	.0030	1.44	.0257	.550
%RSD	15.857	.78967	.75385	.16177	.19317	.57182	.49372	.63548
#1	.00189	258.60	.21119	.19942	1.5342	250.73	5.1962	85.946
#2	.00151	261.60	.20991	.19911	1.5285	253.42	5.1811	86.689
#3	.00141	262.54	.21308	.19877	1.5328	253.00	5.2312	87.021
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22885	-.03115	2.2412	.70343	1.2646	11.168	.00150	-.01137
Stddev	.00116	.00067	.0087	.00150	.0015	.081	.00012	.01756
%RSD	.50851	2.1502	.38675	.21362	.11590	.72841	7.8702	154.47
#1	.22820	-.03183	2.2333	.70391	1.2654	11.074	.00157	.00266
#2	.22816	-.03049	2.2505	.70464	1.2655	11.204	.00136	-.00571
#3	.23020	-.03113	2.2397	.70175	1.2629	11.224	.00156	-.03106
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0695	1.9829	.01895	3.0274	.20369	F 14.94	1.2331	<.00000
Stddev	.0035	.0330	.00079	.0117	.00093	.03	.0010	.20089
%RSD	.17023	1.6640	4.1733	.38640	.45713	.2073	.08396	2.6360
#1	2.0714	2.0169	.01967	3.0140	.20460	14.95	1.2324	-7.5445
#2	2.0717	1.9511	.01811	3.0325	.20374	14.96	1.2327	-7.4692
#3	2.0654	1.9807	.01907	3.0357	.20274	14.90	1.2343	-7.8486

Sample Name: K3382-07 Acquired: 6/17/2019 19:14:30 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRAVEL-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 124.26
Stddev	2.03
%RSD	1.6337

#1	126.00
#2	124.74
#3	122.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.2	48854.	4718.1	62.414	2679.9
Stddev	6.6	58.	29.5	1.360	3.5
%RSD	.18696	.11833	.62455	2.1795	.13059

#1	3509.6	48878.	4684.2	63.418	2678.3
#2	3521.7	48896.	4737.5	62.958	2677.4
#3	3511.2	48788.	4732.5	60.866	2683.9

Sample Name: K3389-01 Acquired: 6/17/2019 19:19:06 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GS-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05852	.00519	.57133	.00382	.00774	261.15	1.3833	.01617
Stddev	.00031	.00071	.00299	.00379	.00109	1.61	.0086	.00017
%RSD	.53357	13.694	.52269	99.059	14.026	.61800	.62077	1.0587
#1	.05888	.00597	.57025	.00567	.00889	262.88	1.3932	.01614
#2	.05833	.00501	.57470	-.00053	.00758	259.68	1.3788	.01636
#3	.05836	.00458	.56902	.00633	.00674	260.91	1.3779	.01602
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	267.49	.37661	.12057	.30757	251.67	4.9648	129.63
Stddev	.00020	1.11	.00135	.00040	.00127	2.14	.0098	.67
%RSD	17.217	.41664	.35726	.33247	.41257	.85133	.19788	.51919
#1	.00111	268.69	.37792	.12026	.30612	253.35	4.9682	130.36
#2	.00140	267.30	.37667	.12103	.30847	249.26	4.9725	129.51
#3	.00101	266.49	.37523	.12043	.30812	252.40	4.9538	129.03
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20988	-.03131	67.566	.65078	.92449	46.296	.01068	-.11524
Stddev	.00055	.00051	.362	.00133	.00106	.296	.00029	.01907
%RSD	.26263	1.6334	.53565	.20475	.11485	.64002	2.7103	16.552
#1	.20962	-.03115	67.980	.65213	.92571	46.590	.01036	-.12187
#2	.21051	-.03188	67.410	.65073	.92400	46.300	.01092	-.13011
#3	.20951	-.03089	67.309	.64947	.92376	45.998	.01076	-.09373
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2598	6.2662	.02478	1.0337	.40851	6.344	2.1989	<.00000
Stddev	.0124	.0628	.00072	.0028	.00198	.018	.0099	.20730
%RSD	.15042	1.0014	2.8924	.27372	.48516	.2812	.45200	3.9988
#1	8.2507	6.1963	.02559	1.0355	.40957	6.354	2.2089	-5.1846
#2	8.2739	6.2850	.02424	1.0351	.40622	6.354	2.1890	-5.3910
#3	8.2546	6.3175	.02450	1.0304	.40973	6.323	2.1988	-4.9764

Sample Name: K3389-01 Acquired: 6/17/2019 19:19:06 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GS-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 119.79
Stddev 1.76
%RSD 1.4677

#1 119.44
#2 121.69
#3 118.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.4	46279.	4622.5	61.264	2559.2
Stddev	1.8	180.	19.4	1.017	4.6
%RSD	.05470	.38795	.41998	1.6604	.17836

#1	3367.6	46081.	4611.4	61.180	2555.5
#2	3369.2	46432.	4644.9	62.321	2557.9
#3	3371.3	46322.	4611.2	60.292	2564.3

Sample Name: K3392-02 Acquired: 6/17/2019 19:23:40 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-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	.04776	-.00458	.17485	-.01009	.00757	174.05	1.7213	.05578
Stddev	.00249	.00077	.00284	.00024	.00294	.56	.0051	.00015
%RSD	5.2095	16.817	1.6257	2.3840	38.866	.32053	.29576	.26140
#1	.04638	-.00402	.17216	-.00991	.00444	174.02	1.7200	.05564
#2	.04627	-.00426	.17458	-.01036	.00798	173.50	1.7170	.05593
#3	.05063	-.00546	.17782	-.00999	.01028	174.62	1.7269	.05577
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02684	473.76	.53215	.21035	.16000	258.51	3.7318	375.30
Stddev	.00032	2.04	.00125	.00041	.00058	.23	.0248	2.31
%RSD	1.1766	.43102	.23403	.19540	.36541	.08909	.66379	.61563
#1	.02660	472.15	.53091	.21001	.15961	258.36	3.7129	373.39
#2	.02719	473.08	.53340	.21081	.16067	258.77	3.7227	374.64
#3	.02672	476.06	.53215	.21024	.15972	258.38	3.7599	377.87
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41490	-.04400	3.3473	.41654	1.2712	32.389	.02038	-.22487
Stddev	.00122	.00034	.0273	.00194	.0013	.163	.00027	.00564
%RSD	.29438	.76454	.81713	.46517	.10188	.50352	1.3238	2.5065
#1	.41394	-.04392	3.3295	.41482	1.2701	32.212	.02007	-.23030
#2	.41448	-.04371	3.3336	.41615	1.2710	32.421	.02056	-.21905
#3	.41627	-.04437	3.3788	.41864	1.2726	32.533	.02051	-.22526
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2159	2.0720	.02384	.24000	.16250	F 51.49	.61571	<.00000
Stddev	.0255	.0381	.00057	.00206	.00042	.05	.00514	.30905
%RSD	.35298	1.8380	2.3974	.85711	.25749	.0921	.83507	1.8540
#1	7.2211	2.0479	.02440	.23969	.16299	51.47	.61019	-16.315
#2	7.1882	2.1159	.02326	.24220	.16226	51.45	.62037	-16.887
#3	7.2384	2.0521	.02385	.23812	.16227	51.54	.61656	-16.805

Sample Name: K3392-02 Acquired: 6/17/2019 19:23:40 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OD-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 165.85
 Stddev 1.68
 %RSD 1.0133

#1 164.22
 #2 165.75
 #3 167.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4095.3	57504.	5775.2	57.033	2298.7
Stddev	6.6	41.	35.9	1.328	2.3
%RSD	.16097	.07107	.62137	2.3287	.09874

#1	4101.4	57466.	5798.2	57.530	2301.3
#2	4088.3	57547.	5733.9	58.040	2297.8
#3	4096.2	57500.	5793.6	55.528	2297.0

Sample Name: K3392-02DUP Acquired: 6/17/2019 19:28:13 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04647	-.00327	.17455	-.01418	.00763	172.57	1.7266	.05663
Stddev	.00188	.00243	.00044	.00269	.00133	1.16	.0068	.00013
%RSD	4.0441	74.408	.25334	18.966	17.495	.67184	.39356	.23591
#1	.04548	-.00589	.17414	-.01700	.00682	171.26	1.7188	.05673
#2	.04864	-.00282	.17450	-.01389	.00690	172.98	1.7301	.05648
#3	.04530	-.00109	.17502	-.01165	.00917	173.47	1.7309	.05668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02886	462.22	.53318	.21335	.17218	274.40	4.0418	365.75
Stddev	.00062	1.68	.00046	.00062	.00204	.12	.0831	1.78
%RSD	2.1545	.36409	.08539	.29001	1.1845	.04210	2.0553	.48544
#1	.02955	460.27	.53371	.21371	.17441	274.49	4.1338	363.70
#2	.02871	463.11	.53291	.21264	.17172	274.43	4.0193	366.70
#3	.02833	463.27	.53292	.21371	.17041	274.27	3.9723	366.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42702	-.04911	3.3493	.42374	1.2904	31.992	.02089	-.25976
Stddev	.00207	.00022	.0202	.00126	.0020	.084	.00031	.00787
%RSD	.48384	.45126	.60332	.29708	.15831	.26205	1.4968	3.0314
#1	.42935	-.04912	3.3263	.42288	1.2928	31.897	.02071	-.26569
#2	.42629	-.04932	3.3576	.42518	1.2892	32.020	.02125	-.26277
#3	.42541	-.04887	3.3641	.42315	1.2894	32.058	.02071	-.25082
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4204	1.9916	.02557	.23611	.16107	F 52.47	.59038	<.00000
Stddev	.0358	.0587	.00055	.00236	.00045	.07	.00407	.10663
%RSD	.48240	2.9448	2.1440	.99922	.27812	.1375	.68992	.59657
#1	7.4593	2.0277	.02614	.23767	.16056	52.55	.59501	-17.984
#2	7.3888	2.0233	.02505	.23726	.16141	52.44	.58879	-17.865
#3	7.4131	1.9240	.02554	.23340	.16123	52.42	.58734	-17.771

Sample Name: K3392-02DUP Acquired: 6/17/2019 19:28:13 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-1DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 177.19
Stddev	.48
%RSD	.27141

#1	176.64
#2	177.55
#3	177.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4128.3	58093.	5809.4	57.596	2288.1
Stddev	9.7	60.	48.4	.557	2.2
%RSD	.23564	.10301	.83396	.96679	.09632

#1	4131.7	58158.	5754.4	56.966	2290.5
#2	4117.3	58081.	5827.9	57.800	2286.1
#3	4135.8	58041.	5845.9	58.023	2287.6

Sample Name: K3392-02LX5 Acquired: 6/17/2019 19:32:47 Type: Unk
Method: P4-ICP2(v3206) 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	.00337	.00359	.01332	.00792	.00006	27.527	.29146	.01013
Stddev	.00288	.00044	.00048	.00077	.00116	.107	.00071	.00018
%RSD	85.394	12.288	3.5808	9.6856	1970.5	.39009	.24501	1.7653

#1	.00580	.00316	.01367	.00741	.00109	27.481	.29156	.01003
#2	.00412	.00404	.01278	.00755	-.00120	27.450	.29212	.01034
#3	.00019	.00356	.01352	.00881	.00029	27.649	.29070	.01003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	78.315	.09778	.02402	.04335	92.818	.96904	55.739
Stddev	.00006	.099	.00072	.00013	.00045	.426	.00538	.144
%RSD	1.9103	.12608	.73994	.53202	1.0293	.45922	.55559	.25846

#1	-.00294	78.219	.09728	.02391	.04385	93.017	.96962	55.587
#2	-.00293	78.416	.09861	.02416	.04300	92.328	.97411	55.874
#3	-.00303	78.309	.09746	.02400	.04319	93.108	.96339	55.757

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04804	-.00647	.17765	.08265	.12308	4.9965	.00416	-.01941
Stddev	.00024	.00050	.00461	.00106	.00028	.0190	.00039	.00955
%RSD	.50779	7.6764	2.5933	1.2836	.22423	.38112	9.4340	49.186

#1	.04778	-.00672	.18174	.08245	.12340	5.0155	.00371	-.00935
#2	.04826	-.00680	.17855	.08380	.12291	4.9965	.00442	-.02054
#3	.04808	-.00590	.17266	.08171	.12293	4.9774	.00435	-.02835

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75587	.34609	.00169	.03989	.03398	5.961	.05292	.74820
Stddev	.00207	.00401	.00025	.00141	.00206	.023	.00057	.62074
%RSD	.27397	1.1591	14.834	3.5299	6.0585	.3789	1.0784	82.964

#1	.75354	.34933	.00167	.04088	.03437	5.984	.05237	1.4432
#2	.75656	.34734	.00195	.03828	.03581	5.958	.05351	.55250
#3	.75750	.34161	.00145	.04051	.03175	5.939	.05288	.24890

Sample Name: K3392-02LX5 Acquired: 6/17/2019 19:32:47 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	38.683
Stddev	.598
%RSD	1.5466

#1	38.884
#2	39.155
#3	38.010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3156.7	43677.	4048.2	64.308	2992.0
Stddev	11.0	264.	30.3	.838	8.7
%RSD	.34782	.60456	.74956	1.3039	.29228

#1	3144.0	43492.	4021.6	64.002	2982.1
#2	3163.6	43559.	4041.7	65.256	2998.8
#3	3162.5	43979.	4081.2	63.665	2995.0

Sample Name: K3392-02MS Acquired: 6/17/2019 19:37:13 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52451	1.8904	1.1752	1.1975	.09082	205.14	1.8534	.18575
Stddev	.00283	.0095	.0030	.0041	.00214	.62	.0097	.00071
%RSD	.53940	.50071	.25144	.34326	2.3596	.30263	.52097	.37987
#1	.52137	1.8853	1.1738	1.1930	.09088	204.65	1.8475	.18493
#2	.52685	1.9013	1.1732	1.2010	.09293	205.84	1.8646	.18615
#3	.52530	1.8845	1.1786	1.1987	.08864	204.93	1.8482	.18616
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20755	404.81	.86037	.56994	.26093	168.12	3.3612	350.00
Stddev	.00017	2.06	.00309	.00089	.00027	.31	.0215	1.95
%RSD	.08154	.50858	.35936	.15601	.10206	.18481	.63879	.55634
#1	.20744	403.27	.85916	.57020	.26072	167.89	3.3538	348.42
#2	.20774	407.15	.86388	.57067	.26083	168.48	3.3854	352.18
#3	.20746	404.02	.85806	.56895	.26123	168.00	3.3444	349.41
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87971	.02804	5.4399	.58457	1.5534	43.830	.14313	.00602
Stddev	.00307	.00033	.0251	.00158	.0047	.236	.00041	.00682
%RSD	.34875	1.1817	.46156	.27091	.30065	.53913	.28409	113.40
#1	.87890	.02840	5.4260	.58352	1.5527	43.711	.14332	-.00173
#2	.88310	.02796	5.4689	.58639	1.5584	44.102	.14340	.00866
#3	.87713	.02776	5.4249	.58380	1.5491	43.677	.14266	.01111
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1391	2.0612	.65434	.32800	.33846	F 61.46	.86925	<.00000
Stddev	.0242	.0136	.00189	.00040	.00190	.17	.00369	.33320
%RSD	.29722	.65911	.28864	.12181	.56218	.2720	.42475	2.5908
#1	8.1406	2.0483	.65329	.32754	.33777	61.49	.87340	-12.537
#2	8.1625	2.0598	.65321	.32815	.33699	61.61	.86801	-13.203
#3	8.1141	2.0754	.65652	.32829	.34060	61.28	.86633	-12.843

Sample Name: K3392-02MS Acquired: 6/17/2019 19:37:13 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-1MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 102.13
Stddev	.51
%RSD	.50283

#1	101.53
#2	102.42
#3	102.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4134.5	57842.	5767.2	57.711	2400.3
Stddev	6.5	139.	23.0	.786	6.2
%RSD	.15620	.24067	.39873	1.3626	.25691

#1	4127.8	57869.	5740.8	57.219	2398.7
#2	4134.8	57692.	5782.8	57.296	2395.2
#3	4140.7	57966.	5778.0	58.618	2407.2

Sample Name: K3392-02MSD Acquired: 6/17/2019 19:41:40 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52482	1.9103	1.1859	1.1969	.09149	205.93	1.8832	.18610
Stddev	.00222	.0026	.0021	.0028	.00115	.40	.0029	.00016
%RSD	.42229	.13553	.17764	.23533	1.2579	.19534	.15117	.08785
#1	.52646	1.9112	1.1859	1.1936	.09123	205.99	1.8799	.18629
#2	.52571	1.9074	1.1839	1.1985	.09049	205.50	1.8850	.18600
#3	.52230	1.9123	1.1881	1.1985	.09274	206.30	1.8848	.18602
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20821	386.50	.86317	.59641	.26121	167.29	3.4591	340.00
Stddev	.00042	.90	.00147	.00080	.00038	1.53	.0159	.62
%RSD	.20041	.23170	.17007	.13377	.14438	.91521	.45912	.18252
#1	.20869	385.86	.86180	.59569	.26077	167.60	3.4551	339.35
#2	.20799	386.13	.86299	.59627	.26145	165.62	3.4456	340.06
#3	.20794	387.53	.86472	.59726	.26140	168.64	3.4766	340.59
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88829	.02851	5.4874	.58478	1.5684	43.967	.14366	.00998
Stddev	.00128	.00008	.0144	.00127	.0016	.086	.00066	.00826
%RSD	.14425	.27554	.26281	.21671	.10435	.19652	.45611	82.730
#1	.88687	.02842	5.4707	.58614	1.5672	43.870	.14296	.01947
#2	.88864	.02857	5.4951	.58364	1.5703	44.035	.14425	.00605
#3	.88936	.02854	5.4962	.58457	1.5678	43.997	.14376	.00442
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3796	2.0199	.65879	.32736	.33766	F 61.52	.86903	<.00000
Stddev	.0126	.0154	.00007	.00151	.00126	.07	.00680	.44289
%RSD	.15081	.76087	.00992	.46024	.37258	.1072	.78238	3.4674
#1	8.3751	2.0360	.65886	.32639	.33637	61.45	.86156	-12.914
#2	8.3939	2.0054	.65879	.32659	.33771	61.58	.87485	-12.277
#3	8.3699	2.0184	.65873	.32910	.33888	61.53	.87068	-13.128

Sample Name: K3392-02MSD Acquired: 6/17/2019 19:41:40 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-1MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 100.91
Stddev	.48
%RSD	.47782

#1	100.76
#2	101.45
#3	100.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4149.3	57965.	5760.8	57.717	2407.3
Stddev	1.9	98.	16.4	1.911	3.5
%RSD	.04662	.16946	.28462	3.3108	.14476

#1	4150.0	57876.	5779.4	55.536	2409.4
#2	4147.1	58070.	5754.2	58.519	2403.3
#3	4150.8	57948.	5748.7	59.097	2409.2

Sample Name: CCV06 Acquired: 6/17/2019 19:46:07 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9947	5.0465	5.0360	5.0336	5.0398	9.9437	10.187	.25269
Stddev	.0091	.0136	.0209	.0125	.0052	.1665	.042	.00137
%RSD	.18174	.26885	.41415	.24844	.10389	1.6745	.41403	.54332
#1	4.9983	5.0489	5.0221	5.0480	5.0379	9.7604	10.140	.25416
#2	5.0013	5.0587	5.0600	5.0262	5.0458	9.9851	10.221	.25247
#3	4.9843	5.0319	5.0259	5.0265	5.0358	10.086	10.200	.25144
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4199	25.085	1.0136	2.4365	1.2974	5.1619	2.5923	25.764
Stddev	.0089	.330	.0005	.0083	.0022	.0124	.0032	.377
%RSD	.36700	1.3156	.04531	.34246	.16859	.24107	.12479	1.4631
#1	2.4146	24.709	1.0140	2.4338	1.2983	5.1714	2.5941	25.337
#2	2.4301	25.216	1.0131	2.4458	1.2990	5.1478	2.5886	25.907
#3	2.4149	25.329	1.0137	2.4298	1.2949	5.1666	2.5942	26.049
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4633	1.2692	24.670	2.5717	2.3978	26.473	5.0378	4.9506
Stddev	.0065	.0030	.098	.0029	.0086	.080	.0085	.0808
%RSD	.26547	.23828	.39711	.11465	.35737	.30194	.16884	1.6323
#1	2.4612	1.2727	24.558	2.5748	2.3947	26.405	5.0430	4.8653
#2	2.4706	1.2679	24.736	2.5689	2.4074	26.561	5.0424	4.9605
#3	2.4580	1.2671	24.718	2.5715	2.3912	26.454	5.0280	5.0260
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8888	5.4202	4.7870	4.9869	5.3317	5.105	4.9980	5.1372
Stddev	.0324	.0537	.0149	.0218	.0389	.009	.0278	.2491
%RSD	.66280	.99138	.31131	.43770	.72927	.1713	.55658	4.8494
#1	4.9141	5.4821	4.7808	4.9621	5.3758	5.115	5.0300	5.3874
#2	4.9000	5.3927	4.8040	4.9955	5.3169	5.104	4.9852	4.8892
#3	4.8523	5.3857	4.7762	5.0031	5.3024	5.097	4.9789	5.1349

Sample Name: CCV06 Acquired: 6/17/2019 19:46:07 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.1446
Stddev .2870
%RSD 4.6710

#1 6.0851
#2 6.4568
#3 5.8921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.5	40247.	3752.5	62.557	2932.0
Stddev	5.7	93.	43.6	1.482	8.6
%RSD	.19534	.23109	1.1610	2.3683	.29266

#1	2927.6	40169.	3702.7	61.598	2930.8
#2	2931.1	40221.	3771.4	61.811	2924.1
#3	2938.8	40350.	3783.4	64.264	2941.1

Sample Name: CCB06 Acquired: 6/17/2019 19:50:05 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120673BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	.00225	F .00438	-.00138	.00016	.00166	.00131
Stddev	.00289	.00043	.00037	.00390	.00086	.00893	.00060
%RSD	81.442	19.014	8.3583	282.71	522.88	537.55	46.036

#1	-.00583	.00271	.00437	.00154	.00012	-.00549	.00158
#2	-.00030	.00215	.00476	.00013	-.00067	.01167	.00062
#3	-.00451	.00188	.00402	-.00581	.00105	-.00120	.00173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00002	.01192	-.00040	-.00017	.00186	.00941
Stddev	.00008	.00003	.01160	.00010	.00007	.00023	.00080
%RSD	427.25	187.42	97.250	25.531	41.803	12.370	8.4820

#1	.00010	-.00000	.00320	-.00043	-.00014	.00209	.00851
#2	-.00005	.00006	.00749	-.00049	-.00011	.00163	.01003
#3	.00001	.00000	.02508	-.00029	-.00024	.00185	.00970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.03706	-.00172	.00152	-.44181	.00022	.00015
Stddev	.00002	.02050	.00003	.00024	.00557	.00031	.00004
%RSD	5.6587	55.319	1.9327	15.777	1.2617	140.73	27.627

#1	.00031	.02268	-.00170	.00144	-.44034	.00042	.00017
#2	.00027	.02797	-.00176	.00132	-.44797	.00039	.00019
#3	.00029	.06054	-.00170	.00178	-.43712	-.00014	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25387	.00097	-.00567	F -.07984	.00718	-.00143	.00117
Stddev	.01485	.00008	.01142	.00162	.00050	.00027	.00109
%RSD	5.8478	8.2802	201.50	2.0258	6.9128	18.731	92.503

#1	.26596	.00107	-.00306	-.07798	.00661	-.00164	-.00006
#2	.25834	.00093	.00422	-.08092	.00751	-.00113	.00162
#3	.23730	.00092	-.01816	-.08063	.00742	-.00151	.00196

Sample Name: CCB06 Acquired: 6/17/2019 19:50:05 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120673BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00978	-.0023	.00005	F 2.8314	F 2.9655
Stddev	.00031	.0006	.00007	.1465	.5072
%RSD	3.1413	26.04	156.05	5.1724	17.102
#1	.00981	-.0030	.00010	2.8312	2.9892
#2	.00946	-.0019	-.00004	2.9779	2.4469
#3	.01007	-.0020	.00008	2.6850	3.4604
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.8	42693.	3789.6	68.047	3382.5
Stddev	4.0	158.	25.3	2.111	6.9
%RSD	.12853	.37076	.66632	3.1021	.20498
#1	3083.3	42688.	3762.2	66.900	3390.3
#2	3075.9	42853.	3794.6	66.758	3377.1
#3	3077.1	42537.	3811.9	70.483	3380.1

Sample Name: K3392-02A Acquired: 6/17/2019 19:54:34 Type: Unk
Method: P4-ICP2(v3206) 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	.52175	1.9026	1.1757	1.1989	.09037	204.64	1.8640	.18557
Stddev	.00061	.0033	.0046	.0022	.00213	1.82	.0182	.00036
%RSD	.11699	.17562	.39521	.18337	2.3569	.88804	.97871	.19303
#1	.52154	1.9062	1.1811	1.2014	.08987	202.62	1.8443	.18583
#2	.52127	1.9017	1.1736	1.1980	.09270	206.15	1.8804	.18572
#3	.52243	1.8997	1.1725	1.1973	.08853	205.15	1.8672	.18516
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20567	391.61	.86044	.58312	.26117	165.90	3.4130	342.30
Stddev	.00051	3.51	.00100	.00133	.00031	.47	.0093	2.77
%RSD	.24987	.89547	.11620	.22737	.11694	.28588	.27218	.81067
#1	.20508	387.96	.86159	.58336	.26150	165.52	3.4195	339.25
#2	.20586	394.95	.85983	.58432	.26090	166.43	3.4023	344.67
#3	.20605	391.90	.85989	.58170	.26112	165.74	3.4171	342.98
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88161	.02807	5.4355	.58335	1.5540	43.831	.14330	.00906
Stddev	.00228	.00012	.0662	.00183	.0028	.359	.00042	.00460
%RSD	.25881	.41067	1.2185	.31384	.18043	.81850	.29611	50.755
#1	.88202	.02795	5.3701	.58437	1.5537	43.473	.14334	.01224
#2	.88366	.02810	5.5025	.58445	1.5514	44.190	.14370	.01116
#3	.87915	.02817	5.4339	.58124	1.5570	43.829	.14285	.00379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2954	2.0532	.65462	.32660	.33698	F 61.12	.86924	<.00000
Stddev	.0079	.0221	.00094	.00318	.00059	.04	.00193	.33706
%RSD	.09536	1.0746	.14423	.97456	.17484	.0624	.22236	2.8042
#1	8.2886	2.0776	.65354	.32423	.33739	61.14	.87037	-11.829
#2	8.3041	2.0346	.65509	.33021	.33631	61.08	.86701	-11.822
#3	8.2936	2.0473	.65524	.32534	.33724	61.14	.87034	-12.409

Sample Name: K3392-02A Acquired: 6/17/2019 19:54:34 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 101.79
Stddev .80
%RSD .78717

#1 101.19
#2 102.70
#3 101.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4152.4	58147.	5771.4	58.936	2417.9
Stddev	9.6	125.	51.9	1.569	7.0
%RSD	.23013	.21522	.89870	2.6627	.29106

#1	4146.8	58168.	5713.4	57.371	2413.7
#2	4163.4	58013.	5813.3	58.927	2426.0
#3	4146.9	58261.	5787.4	60.509	2413.9

Sample Name: K3392-05 Acquired: 6/17/2019 19:59:01 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-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	.00315	-.00198	.20684	.00190	.00039	193.90	1.2148	.05807
Stddev	.00274	.00062	.00388	.00165	.00177	.88	.0032	.00017
%RSD	86.952	31.342	1.8777	86.740	458.84	.45136	.26084	.28668

#1	.00451	-.00227	.20689	.00056	.00242	192.92	1.2141	.05790
#2	.00495	-.00127	.20294	.00375	-.00046	194.62	1.2182	.05809
#3	-.00000	-.00240	.21070	.00140	-.00080	194.15	1.2120	.05823

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01743	216.05	.54327	.36098	.06833	128.79	2.6806	268.35
Stddev	.00018	.99	.00040	.00061	.00034	.64	.0110	1.57
%RSD	1.0197	.45986	.07370	.16778	.49484	.49975	.41062	.58340

#1	.01751	215.13	.54362	.36139	.06802	128.13	2.6811	266.68
#2	.01756	217.10	.54284	.36029	.06828	129.42	2.6693	269.79
#3	.01723	215.91	.54335	.36127	.06869	128.82	2.6913	268.59

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44596	-.01464	2.3578	.45588	1.7956	32.145	.02687	-.05615
Stddev	.00118	.00035	.0115	.00084	.0037	.104	.00009	.00739
%RSD	.26423	2.3708	.48905	.18469	.20657	.32378	.33295	13.162

#1	.44632	-.01457	2.3450	.45510	1.7989	32.157	.02678	-.04831
#2	.44691	-.01433	2.3672	.45677	1.7916	32.242	.02696	-.06299
#3	.44464	-.01501	2.3614	.45576	1.7964	32.035	.02686	-.05714

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6001	1.9989	.01902	.26969	.14575	F 70.64	.38910	<.00000
Stddev	.0035	.0157	.00129	.00212	.00083	.14	.00338	.06564
%RSD	.21817	.78446	6.8052	.78439	.57148	.2024	.86858	.36138

#1	1.5966	2.0166	.01820	.26787	.14572	70.77	.39295	-18.120
#2	1.6036	1.9934	.01835	.27201	.14493	70.49	.38777	-18.240
#3	1.6000	1.9868	.02051	.26920	.14659	70.68	.38660	-18.132

Sample Name: K3392-05 Acquired: 6/17/2019 19:59:01 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OD-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	87.121
Stddev	.484
%RSD	.55512

#1	87.652
#2	87.005
#3	86.706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4744.1	66016.	6489.6	58.409	2511.8
Stddev	14.7	97.	43.8	.208	8.4
%RSD	.30897	.14670	.67454	.35638	.33363

#1	4731.5	66108.	6439.2	58.646	2502.1
#2	4740.5	65915.	6518.3	58.257	2516.7
#3	4760.2	66025.	6511.4	58.323	2516.6

Sample Name: K3396-01 Acquired: 6/17/2019 20:03:37 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390612709.2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00296	.00138	.00405	.00168	-.00075	.19898	.02308	.00005
Stddev	.00170	.00061	.00058	.00237	.00147	.01453	.00032	.00003
%RSD	57.516	44.635	14.202	141.10	195.05	7.3039	1.3957	58.410

#1	-.00334	.00164	.00428	.00357	-.00216	.21557	.02273	.00002
#2	-.00110	.00067	.00340	.00246	-.00086	.19290	.02335	.00007
#3	-.00443	.00182	.00448	-.00098	.00077	.18848	.02318	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	9.1351	.00021	.00024	.01452	4.8075	.10639	1.1195
Stddev	.00002	.0294	.00037	.00020	.00018	.0031	.00039	.0298
%RSD	6.1554	.32164	175.16	82.838	1.2121	.06396	.36726	2.6585

#1	-.00032	9.1187	-.00021	.00001	.01472	4.8090	.10607	1.1468
#2	-.00029	9.1690	.00038	.00036	.01441	4.8040	.10682	1.1239
#3	-.00029	9.1175	.00046	.00036	.01443	4.8096	.10627	1.0878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00107	3.1372	.00060	.02934	1.4915	.00017	.00335
Stddev	.00016	.00053	.0046	.00025	.00011	.0231	.00019	.00527
%RSD	10.228	49.500	.14508	42.275	.35994	1.5493	115.85	157.62

#1	-.00153	.00094	3.1336	.00078	.02944	1.5172	.00037	-.00239
#2	-.00174	.00165	3.1355	.00070	.02923	1.4724	-.00001	.00798
#3	-.00143	.00062	3.1423	.00031	.02935	1.4849	.00014	.00445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86492	.40439	-.00155	.01154	.00803	2.835	.03457	2.1845
Stddev	.00086	.00512	.00069	.00193	.00236	.007	.00020	.1783
%RSD	.09913	1.2658	44.273	16.711	29.375	.2373	.56979	8.1614

#1	.86402	.41008	-.00216	.01090	.00574	2.834	.03435	2.1265
#2	.86573	.40291	-.00081	.01370	.00789	2.842	.03465	2.0424
#3	.86500	.40017	-.00168	.01001	.01045	2.829	.03472	2.3845

Sample Name: K3396-01 Acquired: 6/17/2019 20:03:37 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390612709.2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8724
Stddev	.5416
%RSD	11.115

#1	4.7916
#2	4.3758
#3	5.4499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.6	43172.	3867.1	67.089	3377.4
Stddev	6.5	134.	9.0	1.032	6.9
%RSD	.21007	.30948	.23339	1.5379	.20285

#1	3092.2	43053.	3877.4	67.750	3381.1
#2	3100.6	43146.	3860.3	67.617	3381.7
#3	3087.9	43316.	3863.7	65.900	3369.5

Sample Name: K3397-01 Acquired: 6/17/2019 20:08:02 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390610038.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00678	3.1744	-.00691	.03204	268.32	15.342	.01445
Stddev	.00072	.00206	.0111	.00455	.00223	3.72	.231	.00031
%RSD	30.284	30.302	.34842	65.815	6.9604	1.3857	1.5046	2.1281
#1	.00313	-.00770	3.1871	-.00438	.02961	270.28	15.445	.01479
#2	.00170	-.00822	3.1688	-.01215	.03250	264.03	15.078	.01419
#3	.00228	-.00443	3.1673	-.00419	.03400	270.64	15.503	.01437
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09900	448.99	1.1768	.10139	11.405	416.74	11.731	67.406
Stddev	.00055	6.14	.0149	.00062	.008	5.00	.147	1.036
%RSD	.55959	1.3671	1.2676	.60961	.06787	1.2010	1.2514	1.5367
#1	.09853	451.89	1.1882	.10210	11.403	420.43	11.795	67.544
#2	.09961	441.94	1.1599	.10108	11.414	411.04	11.564	66.308
#3	.09887	453.13	1.1824	.10099	11.399	418.74	11.836	68.366
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39785	.08369	9.7535	.38545	24.743	21.581	.04334	-.55167
Stddev	.00260	.00100	.1407	.00406	.099	.289	.00063	.01170
%RSD	.65329	1.1999	1.4421	1.0527	.39896	1.3404	1.4603	2.1201
#1	.39879	.08389	9.8403	.38842	24.853	21.724	.04380	-.55011
#2	.39492	.08260	9.5912	.38083	24.661	21.248	.04262	-.54084
#3	.39986	.08457	9.8290	.38709	24.714	21.770	.04361	-.56407
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.620	2.3150	1.0226	2.4782	.07761	F 356.7	2.9615	<.00000
Stddev	.123	.0252	.0075	.0076	.00065	1.8	.0237	.42239
%RSD	.40154	1.0891	.73737	.30463	.83401	.5174	.79858	3.2942
#1	30.753	2.3074	1.0309	2.4827	.07772	358.8	2.9470	-12.348
#2	30.510	2.3431	1.0162	2.4695	.07819	355.4	2.9887	-13.158
#3	30.598	2.2944	1.0208	2.4824	.07691	355.9	2.9487	-12.961

Sample Name: K3397-01 Acquired: 6/17/2019 20:08:02 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390610038.0 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.5	47038.	4735.0	57.723	2336.3
Stddev	2.5	579.	40.3	.722	7.8
%RSD	.07421	1.2301	.85019	1.2512	.33443

#1	3324.3	46583.	4738.4	58.167	2327.6
#2	3319.7	47689.	4693.2	56.890	2342.6
#3	3323.5	46840.	4773.5	58.113	2338.8

Sample Name: K3398-01 Acquired: 6/17/2019 20:12:42 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390611024.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	-.00026	.12550	.01900	.00103	6.3370	1.6316	.00058
Stddev	.00115	.00081	.00086	.00208	.00183	.0556	.0077	.00000
%RSD	29.902	307.56	.68466	10.961	178.41	.87798	.47372	.83076

#1	.00354	.00068	.12578	.01953	-.00109	6.2786	1.6252	.00057
#2	.00286	-.00072	.12619	.02077	.00209	6.3894	1.6295	.00058
#3	.00510	-.00075	.12454	.01671	.00208	6.3430	1.6402	.00058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	54.246	.03651	.00484	1.9765	25.613	1.4091	6.2208
Stddev	.00010	.202	.00031	.00023	.0075	.012	.0014	.0356
%RSD	5.7294	.37326	.85855	4.6556	.38091	.04512	.10204	.57202

#1	.00173	54.028	.03680	.00509	1.9822	25.600	1.4084	6.2109
#2	.00184	54.429	.03618	.00479	1.9679	25.617	1.4108	6.1913
#3	.00164	54.281	.03655	.00464	1.9793	25.623	1.4082	6.2603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02486	.00973	3.8403	.02205	1.9258	2.5907	.01305	.06814
Stddev	.00010	.00013	.0185	.00020	.0048	.0140	.00009	.00671
%RSD	.40152	1.3056	.48137	.90018	.24790	.54125	.65764	9.8474

#1	.02496	.00960	3.8238	.02196	1.9295	2.5967	.01310	.07505
#2	.02476	.00985	3.8603	.02191	1.9204	2.5747	.01310	.06771
#3	.02486	.00974	3.8369	.02228	1.9275	2.6008	.01295	.06165

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.365	2.3671	.05721	.20287	.01379	F 25.25	.17579	3.2556
Stddev	.056	.0109	.00032	.00887	.00085	.07	.00093	.2528
%RSD	.22047	.45865	.55194	4.3714	6.1914	.2610	.52721	7.7648

#1	25.422	2.3765	.05732	.19716	.01336	25.30	.17479	3.4268
#2	25.311	2.3552	.05745	.21309	.01477	25.17	.17597	2.9653
#3	25.363	2.3695	.05685	.19837	.01324	25.27	.17662	3.3748

Sample Name: K3398-01 Acquired: 6/17/2019 20:12:42 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390611024.0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.206
Stddev	.359
%RSD	2.9425

#1	12.447
#2	11.793
#3	12.378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3037.4	42906.	3923.7	67.095	3225.4
Stddev	13.1	116.	.6	1.845	10.7
%RSD	.43205	.27111	.01622	2.7497	.33023

#1	3023.9	42994.	3924.3	65.402	3214.1
#2	3050.1	42774.	3923.7	69.061	3235.3
#3	3038.2	42950.	3923.0	66.820	3226.8

Sample Name: K3400-01 Acquired: 6/17/2019 20:17:00 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390610037.0 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	.00375	.00190	.19324	.00916	.00256	22.683	1.1735	.00118	.00174
Stddev	.00097	.00124	.00210	.00181	.00016	.078	.0070	.00003	.00002
%RSD	25.955	65.173	1.0871	19.741	6.1125	.34333	.59629	2.8965	1.4160
#1	.00468	.00274	.19110	.01024	.00239	22.615	1.1655	.00114	.00171
#2	.00383	.00249	.19331	.00708	.00269	22.768	1.1784	.00120	.00176
#3	.00274	.00048	.19530	.01017	.00261	22.666	1.1766	.00120	.00175
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.818	.11991	.00729	.93586	53.268	1.1178	6.5726	.03615	.00927
Stddev	.102	.00007	.00029	.00296	.184	.0015	.0625	.00042	.00009
%RSD	.26330	.06108	4.0207	.31637	.34484	.13349	.95173	1.1628	1.0120
#1	38.700	.11999	.00705	.93821	53.063	1.1161	6.5557	.03568	.00938
#2	38.866	.11984	.00762	.93684	53.324	1.1187	6.5202	.03630	.00923
#3	38.887	.11990	.00720	.93253	53.418	1.1187	6.6419	.03649	.00920
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	3.6876	.05124	1.7681	5.9064	.00692	.00197	7.5452	2.3816	.04939
Stddev	.0595	.00005	.0071	.0820	.00002	.01851	.0019	.0487	.00034
%RSD	1.6130	.09250	.40146	1.3884	.36058	939.03	.02514	2.0438	.69534
#1	3.6259	.05123	1.7656	5.8394	.00694	-.00340	7.5466	2.4274	.04901
#2	3.6922	.05129	1.7762	5.8820	.00689	.02257	7.5460	2.3870	.04948
#3	3.7446	.05120	1.7627	5.9978	.00692	-.01326	7.5431	2.3305	.04968
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.30444	.01425	F 41.77	.23389	1.8754	22.979			
Stddev	.00230	.00173	.15	.00164	.2447	.206			
%RSD	.75710	12.160	.3649	.70152	13.047	.89802			
#1	.30695	.01226	41.73	.23438	1.7219	23.183			
#2	.30396	.01511	41.93	.23523	1.7468	22.770			
#3	.30241	.01539	41.63	.23206	2.1576	22.985			

Sample Name: K3400-01 Acquired: 6/17/2019 20:17:00 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390610037.0 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	3073.3	43049.	3919.8	69.369	3216.1
Stddev	21.3	80.	23.9	1.701	16.5
%RSD	.69164	.18658	.61006	2.4520	.51185
#1	3056.9	43117.	3908.5	67.655	3211.4
#2	3065.7	42960.	3903.6	69.395	3202.5
#3	3097.3	43071.	3947.2	71.057	3234.4

Sample Name: K3406-02 Acquired: 6/17/2019 20:21:24 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B14 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11242	.00667	1.0712	.00621	.01218	113.98	.80137	.00757
Stddev	.00486	.00154	.0038	.00220	.00094	.38	.00504	.00008
%RSD	4.3245	22.998	.35187	35.395	7.7093	.33566	.62919	1.0398
#1	.11098	.00798	1.0672	.00632	.01160	114.29	.80318	.00766
#2	.11784	.00705	1.0718	.00835	.01327	114.09	.80526	.00753
#3	.10844	.00499	1.0747	.00396	.01168	113.55	.79567	.00752
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00257	501.73	.21713	.08308	.49367	209.62	3.0880	198.55
Stddev	.00045	2.47	.00032	.00011	.00105	2.60	.0010	.36
%RSD	17.559	.49241	.14739	.13446	.21320	1.2401	.03074	.17989
#1	-.00285	503.10	.21685	.08317	.49260	210.69	3.0891	198.82
#2	-.00281	503.21	.21706	.08296	.49471	211.51	3.0876	198.68
#3	-.00205	498.88	.21747	.08312	.49370	206.65	3.0873	198.14
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42620	-.01952	11.644	.36269	1.0444	12.194	.01210	-.06741
Stddev	.00136	.00060	.089	.00153	.0018	.096	.00007	.01165
%RSD	.31921	3.0554	.76289	.42253	.16832	.78528	.59719	17.277
#1	.42515	-.01947	11.699	.36353	1.0430	12.231	.01219	-.06503
#2	.42774	-.01895	11.692	.36092	1.0464	12.265	.01207	-.08006
#3	.42573	-.02014	11.542	.36362	1.0438	12.085	.01205	-.05713
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.253	3.3709	.02698	2.7718	.19442	5.519	.83496	1.4974
Stddev	.010	.0203	.00067	.0143	.00189	.015	.00591	.3622
%RSD	.07836	.60218	2.4914	.51484	.97150	.2769	.70753	24.185
#1	13.246	3.3708	.02721	2.7755	.19547	5.520	.83400	1.4624
#2	13.265	3.3507	.02622	2.7560	.19224	5.534	.82960	1.8758
#3	13.248	3.3913	.02750	2.7838	.19554	5.503	.84129	1.1540

Sample Name: K3406-02 Acquired: 6/17/2019 20:21:24 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B14 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 90.314
Stddev	1.499
%RSD	1.6595

#1	89.891
#2	89.073
#3	91.979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.2	40797.	3972.3	59.367	2572.9
Stddev	4.9	220.	14.2	.878	7.3
%RSD	.16803	.53936	.35807	1.4785	.28503

#1	2933.9	40610.	3964.7	58.695	2572.5
#2	2927.9	40742.	3988.7	60.360	2565.8
#3	2937.7	41039.	3963.5	59.046	2580.5

Sample Name: K3407-02 Acquired: 6/17/2019 20:25:50 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00412	-.00006	.02761	.00240	.00236	.64650	.05397	.00011
Stddev	.00092	.00070	.00054	.00116	.00104	.00552	.00084	.00001
%RSD	22.337	1174.9	1.9598	48.117	43.924	.85429	1.5567	12.770
#1	-.00306	-.00081	.02713	.00210	.00329	.64233	.05320	.00011
#2	-.00458	.00057	.02820	.00143	.00124	.65277	.05487	.00012
#3	-.00471	.00005	.02750	.00368	.00255	.64442	.05384	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	48.705	.01724	.00115	.20138	8.6865	.08824	.60577
Stddev	.00003	.591	.00032	.00022	.00007	.0015	.00028	.00353
%RSD	9.7120	1.2134	1.8505	18.669	.03696	.01771	.31715	.58348
#1	-.00030	48.102	.01760	.00127	.20140	8.6856	.08812	.60404
#2	-.00028	49.283	.01702	.00129	.20130	8.6882	.08803	.60343
#3	-.00025	48.730	.01708	.00091	.20145	8.6856	.08856	.60983
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06732	.00091	-.19878	.00435	15.109	.38490	.02941	1.3169
Stddev	.00018	.00012	.01108	.00042	.034	.03492	.00029	.0218
%RSD	.27048	13.680	5.5754	9.6977	.22767	9.0736	.97402	1.6539
#1	.06752	.00104	-.20461	.00392	15.076	.34457	.02944	1.2920
#2	.06727	.00080	-.18600	.00477	15.107	.40530	.02912	1.3325
#3	.06716	.00089	-.20573	.00435	15.145	.40482	.02969	1.3261
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.241	.77000	-.00960	.02901	.01105	2.112	.02628	2.9692
Stddev	.075	.01353	.00041	.00038	.00126	.002	.00028	.4160
%RSD	.22436	1.7570	4.2410	1.3175	11.381	.0710	1.0662	14.011
#1	33.155	.77569	-.01004	.02858	.00965	2.114	.02615	3.1749
#2	33.281	.75455	-.00952	.02929	.01208	2.112	.02609	3.2423
#3	33.286	.77975	-.00924	.02917	.01141	2.111	.02660	2.4904

Sample Name: K3407-02 Acquired: 6/17/2019 20:25:50 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.0659
Stddev	.2792
%RSD	3.9516

#1	6.7439
#2	7.2407
#3	7.2132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.3	42588.	3888.2	69.017	3265.2
Stddev	3.4	88.	43.9	1.790	3.5
%RSD	.11387	.20672	1.1303	2.5937	.10639

#1	3008.2	42674.	3861.5	70.017	3266.4
#2	3008.5	42498.	3938.9	66.950	3267.9
#3	3002.4	42592.	3864.1	70.083	3261.3

Sample Name: K3407-05 Acquired: 6/17/2019 20:30:07 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	.00050	.00421	.00166	.00037	.01862	.00143	.00000
Stddev	.00178	.00047	.00080	.00051	.00122	.01119	.00028	.00009
%RSD	85.097	93.405	18.941	30.549	328.01	60.125	19.874	2327.1

#1	-.00144	.00059	.00442	.00158	-.00018	.03141	.00120	-.00008
#2	-.00410	-.00000	.00333	.00221	-.00047	.01065	.00135	.00000
#3	-.00073	.00092	.00488	.00120	.00176	.01378	.00175	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	2.6311	.00009	-.00001	.01587	.03515	.00317	.06008
Stddev	.00002	.0073	.00021	.00002	.00009	.00027	.00004	.03815
%RSD	25.970	.27858	231.78	325.20	.57372	.77869	1.1384	63.505

#1	-.00007	2.6230	-.00015	.00002	.01597	.03544	.00313	.02290
#2	-.00006	2.6332	.00022	-.00002	.01580	.03489	.00320	.09914
#3	-.00010	2.6373	.00020	-.00001	.01582	.03512	.00318	.05820

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	.00192	-.33500	.00010	1.0163	.26918	-.00027	.05513
Stddev	.00033	.00015	.01225	.00036	.0024	.00866	.00014	.01119
%RSD	33.357	7.8865	3.6560	353.72	.23662	3.2185	50.943	20.293

#1	-.00094	.00208	-.32611	-.00030	1.0182	.27783	-.00043	.04588
#2	-.00067	.00191	-.34897	.00022	1.0136	.26920	-.00016	.05193
#3	-.00132	.00178	-.32993	.00038	1.0171	.26050	-.00023	.06756

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7462	.03117	-.00234	.00215	.00933	.1834	.00140	1.9063
Stddev	.0070	.00287	.00055	.00187	.00048	.0014	.00003	.0834
%RSD	.25468	9.2227	23.290	86.887	5.1479	.7431	1.8119	4.3732

#1	2.7511	.03256	-.00276	.00008	.00973	.1849	.00138	1.9680
#2	2.7492	.03309	-.00172	.00372	.00947	.1831	.00139	1.9394
#3	2.7382	.02786	-.00254	.00264	.00880	.1823	.00143	1.8114

Sample Name: K3407-05 Acquired: 6/17/2019 20:30:07 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.8957
Stddev	.2627
%RSD	9.0709

#1	2.6842
#2	2.8132
#3	3.1897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.8	43813.	3899.5	69.003	3481.7
Stddev	10.6	292.	24.8	1.438	11.8
%RSD	.34220	.66630	.63696	2.0834	.33918

#1	3079.8	43498.	3897.1	67.708	3469.5
#2	3099.6	43868.	3875.9	68.750	3493.1
#3	3096.1	44074.	3925.4	70.550	3482.4

Sample Name: K3409-01 Acquired: 6/17/2019 20:34:33 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-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	.06890	.00565	.46806	.01502	.00453	54.478	.47984	.00818
Stddev	.00281	.00131	.00041	.00329	.00129	.152	.00148	.00006
%RSD	4.0737	23.131	.08833	21.935	28.547	.27940	.30773	.77143

#1	.06566	.00604	.46816	.01732	.00381	54.512	.48066	.00819
#2	.07053	.00419	.46841	.01125	.00376	54.312	.47813	.00811
#3	.07052	.00671	.46761	.01649	.00603	54.611	.48072	.00824

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00428	36.224	.21261	.01821	.09534	143.45	1.4827	11.886
Stddev	.00012	.130	.00090	.00032	.00063	.54	.0018	.083
%RSD	2.6909	.35878	.42350	1.7806	.65723	.37406	.11974	.70002

#1	-.00441	36.370	.21301	.01837	.09546	144.06	1.4830	11.856
#2	-.00422	36.121	.21324	.01843	.09590	143.21	1.4843	11.980
#3	-.00421	36.180	.21158	.01784	.09466	143.07	1.4808	11.822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02491	-.01025	-.24794	.19273	.49293	17.687	.00299	.04462
Stddev	.00055	.00071	.00756	.00119	.00190	.036	.00018	.00896
%RSD	2.2145	6.9610	3.0493	.61897	.38623	.20333	6.0114	20.091

#1	.02541	-.01025	-.25660	.19225	.49401	17.703	.00320	.03586
#2	.02432	-.01097	-.24457	.19409	.49405	17.646	.00290	.05378
#3	.02500	-.00954	-.24264	.19186	.49073	17.712	.00288	.04421

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5128	4.4083	.01231	.47914	.04745	8.860	-.07964	.09643
Stddev	.0076	.0174	.00055	.00268	.00075	.023	.00027	.17683
%RSD	.30055	.39461	4.4352	.55995	1.5840	.2622	.34020	183.38

#1	2.5113	4.3910	.01271	.47897	.04764	8.879	-.07996	.17171
#2	2.5210	4.4258	.01253	.48190	.04662	8.867	-.07948	-.10559
#3	2.5062	4.4081	.01169	.47654	.04809	8.834	-.07949	.22316

Sample Name: K3409-01 Acquired: 6/17/2019 20:34:33 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	60.055
Stddev	.730
%RSD	1.2162

#1	59.696
#2	60.895
#3	59.573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3161.0	43860.	4065.6	66.501	3107.0
Stddev	9.4	204.	22.2	1.085	8.7
%RSD	.29793	.46558	.54544	1.6323	.28103

#1	3163.7	43627.	4040.0	65.389	3101.9
#2	3150.5	44008.	4079.7	67.558	3102.1
#3	3168.8	43945.	4077.0	66.555	3117.1

Sample Name: CCV07 Acquired: 6/17/2019 20:38:54 Type: Unk
Method: P4-ICP2(v3206) 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	5.0277	5.0807	5.0489	5.0579	5.0572	9.8712	10.175	.25141
Stddev	.0155	.0051	.0087	.0208	.0134	.0212	.033	.00058
%RSD	.30753	.10015	.17193	.41054	.26432	.21439	.31992	.22903
#1	5.0393	5.0849	5.0409	5.0814	5.0706	9.8514	10.190	.25082
#2	5.0101	5.0750	5.0477	5.0420	5.0439	9.8935	10.198	.25197
#3	5.0335	5.0822	5.0582	5.0502	5.0571	9.8686	10.138	.25143
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4108	24.895	1.0109	2.4393	1.3090	5.0938	2.5831	25.486
Stddev	.0023	.100	.0036	.0016	.0042	.0178	.0022	.024
%RSD	.09680	.40266	.35273	.06456	.31770	.34897	.08568	.09595
#1	2.4089	24.909	1.0084	2.4404	1.3121	5.0826	2.5826	25.497
#2	2.4101	24.788	1.0150	2.4375	1.3043	5.1143	2.5856	25.458
#3	2.4134	24.987	1.0094	2.4401	1.3106	5.0845	2.5812	25.503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4766	1.2686	24.565	2.5693	2.3945	26.442	5.0494	4.8953
Stddev	.0019	.0008	.048	.0067	.0022	.076	.0136	.0227
%RSD	.07647	.06643	.19366	.26271	.09247	.28673	.26896	.46370
#1	2.4773	1.2691	24.579	2.5727	2.3955	26.529	5.0650	4.9173
#2	2.4780	1.2690	24.604	2.5737	2.3961	26.398	5.0409	4.8720
#3	2.4744	1.2676	24.512	2.5615	2.3920	26.398	5.0422	4.8967
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8890	F 5.5003	4.8067	4.9776	5.3576	5.121	5.0576	5.3414
Stddev	.0064	.0137	.0056	.0194	.0190	.009	.0075	.5098
%RSD	.13177	.24986	.11700	.38915	.35502	.1805	.14820	9.5436
#1	4.8889	5.4850	4.8027	4.9558	5.3616	5.121	5.0560	5.9236
#2	4.8955	5.5044	4.8131	4.9844	5.3743	5.112	5.0658	5.1254
#3	4.8826	5.5116	4.8043	4.9927	5.3369	5.131	5.0511	4.9751

Sample Name: CCV07 Acquired: 6/17/2019 20:38:54 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 6.5780
Stddev	.4711
%RSD	7.1610

#1	6.2436
#2	7.1167
#3	6.3738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.4	40328.	3715.4	65.045	2923.2
Stddev	14.2	231.	13.6	1.232	6.6
%RSD	.48683	.57311	.36591	1.8945	.22678

#1	2905.1	40108.	3700.4	64.708	2915.8
#2	2931.0	40307.	3718.9	66.411	2925.2
#3	2928.2	40569.	3726.9	64.017	2928.6

Sample Name: CCB07 Acquired: 6/17/2019 20:42:53 Type: Unk
Method: P4-ICP2(v3206) 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	-.00182	.00224	F .00570	-.00064	.00044	.01091	.00089
Stddev	.00197	.00069	.00084	.00064	.00116	.00632	.00079
%RSD	108.05	30.961	14.758	100.63	263.49	57.879	88.406

#1	.00045	.00203	.00665	-.00023	.00074	.01376	.00131
#2	-.00286	.00168	.00543	-.00137	-.00084	.00367	-.00002
#3	-.00305	.00302	.00503	-.00030	.00142	.01530	.00139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00003	.00728	-.00070	-.00025	.00193	.00402
Stddev	.00004	.00003	.00584	.00019	.00014	.00029	.00038
%RSD	326.80	94.805	80.154	27.275	53.971	15.151	9.4731

#1	-.00003	-.00003	.00062	-.00053	-.00038	.00165	.00428
#2	.00004	-.00007	.00976	-.00066	-.00011	.00189	.00358
#3	.00003	-.00001	.01147	-.00091	-.00028	.00223	.00419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.02816	-.00219	.00196	-.47348	.00011	.00092
Stddev	.00005	.02722	.00020	.00011	.00752	.00039	.00016
%RSD	27.981	96.691	9.1228	5.4247	1.5881	349.70	17.921

#1	.00025	.04113	-.00197	.00200	-.47079	-.00034	.00104
#2	.00014	-.00313	-.00237	.00203	-.48198	.00034	.00099
#3	.00019	.04647	-.00223	.00183	-.46768	.00034	.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24711	.00075	-.00580	F -.08036	.01362	-.00060	.00135
Stddev	.02133	.00031	.00999	.00086	.00258	.00040	.00048
%RSD	8.6320	41.548	172.18	1.0726	18.909	66.968	35.221

#1	.26952	.00099	.00374	-.08108	.01393	-.00015	.00183
#2	.24473	.00088	-.01618	-.08060	.01603	-.00076	.00087
#3	.22706	.00040	-.00496	-.07940	.01090	-.00091	.00136

Sample Name: CCB07 Acquired: 6/17/2019 20:42:53 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00999	-.0010	.00005	F 2.6064	F 3.8494
Stddev	.00149	.0011	.00004	.3187	.3916
%RSD	14.915	104.7	80.927	12.229	10.174
#1	.01016	-.0023	.00006	2.5880	3.4070
#2	.01138	-.0005	.00000	2.9339	3.9893
#3	.00842	-.0003	.00008	2.2972	4.1518
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.3	42578.	3761.3	67.089	3373.0
Stddev	19.1	21.	25.6	1.873	23.7
%RSD	.62154	.04919	.68163	2.7923	.70168
#1	3045.6	42602.	3753.2	66.442	3348.0
#2	3070.4	42563.	3740.8	65.625	3376.0
#3	3083.0	42569.	3790.1	69.200	3395.0

Sample Name: K3154-02 Acquired: 6/17/2019 20:47:22 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	-.00089	.01820	-.00035	.00004	.14204	.12218	.00004
Stddev	.00056	.00095	.00064	.00124	.00132	.00807	.00157	.00005
%RSD	106.96	106.37	3.5370	353.67	3147.0	5.6819	1.2882	124.34

#1	-.00117	-.00145	.01885	.00079	.00062	.14865	.12057	-.00001
#2	-.00018	-.00142	.01817	-.00017	-.00146	.14443	.12371	.00005
#3	-.00022	.00020	.01757	-.00168	.00097	.13305	.12226	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	54.847	-.00057	.00355	.01132	.02293	.71933	2.1512
Stddev	.00002	.624	.00019	.00020	.00013	.00048	.00124	.0265
%RSD	7.6004	1.1379	33.252	5.6184	1.1212	2.1040	.17264	1.2338

#1	.00021	54.130	-.00078	.00357	.01143	.02261	.71923	2.1296
#2	.00024	55.267	-.00047	.00373	.01118	.02348	.71814	2.1433
#3	.00024	55.145	-.00044	.00334	.01135	.02268	.72062	2.1808

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00177	306.89	.00002	.04556	1.4580	.00046	.00371
Stddev	.00015	.00018	3.52	.00068	.00005	.0275	.00013	.00908
%RSD	144.25	10.318	1.1480	3464.8	.10867	1.8857	27.595	244.57

#1	.00004	.00156	302.84	-.00074	.04556	1.4271	.00042	.00109
#2	.00027	.00183	308.57	.00021	.04561	1.4675	.00060	.01381
#3	-.00000	.00191	309.26	.00059	.04551	1.4796	.00035	-.00377

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9547	1.7066	-.00148	-.00084	.01346	.0078	.27313	5.9251
Stddev	.0136	.0223	.00020	.00101	.00100	.0015	.00166	.1555
%RSD	.46111	1.3060	13.396	120.74	7.4561	18.65	.60819	2.6252

#1	2.9692	1.7267	-.00169	.00018	.01241	.0064	.27482	6.0997
#2	2.9528	1.6826	-.00145	-.00085	.01358	.0093	.27150	5.8739
#3	2.9421	1.7104	-.00130	-.00184	.01440	.0078	.27308	5.8015

Sample Name: K3154-02 Acquired: 6/17/2019 20:47:22 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4711
 Stddev .2272
 %RSD 5.0817

#1 4.6434
 #2 4.5562
 #3 4.2136

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.0	39284.	3752.9	65.866	2919.0
Stddev	8.4	33.	32.5	1.043	8.2
%RSD	.29283	.08283	.86643	1.5840	.28212

#1	2857.1	39248.	3716.6	65.885	2914.4
#2	2857.3	39294.	3779.2	66.899	2914.1
#3	2871.7	39311.	3763.0	64.813	2928.5

Sample Name: K3154-02DUP Acquired: 6/17/2019 20:51:55 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00328	-.00062	.01807	.00002	-.00012	.14678	.12506	.00004
Stddev	.00176	.00114	.00102	.00291	.00102	.00995	.00068	.00001
%RSD	53.492	182.94	5.6472	12899.	878.60	6.7810	.54645	25.522

#1	-.00399	.00029	.01784	.00307	-.00129	.15599	.12539	.00003
#2	-.00457	-.00026	.01919	-.00028	.00055	.13622	.12551	.00005
#3	-.00128	-.00190	.01719	-.00273	.00039	.14811	.12427	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	55.440	-.00049	.00369	.01136	.02372	.72893	2.1665
Stddev	.00006	.233	.00009	.00034	.00003	.00106	.00118	.0577
%RSD	29.828	.42020	17.687	9.2362	.23090	4.4857	.16129	2.6636

#1	.00023	55.466	-.00049	.00345	.01137	.02330	.72761	2.1411
#2	.00014	55.195	-.00058	.00408	.01137	.02493	.72933	2.2326
#3	.00025	55.659	-.00041	.00354	.01133	.02293	.72985	2.1259

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00182	311.62	.00036	.04550	1.4977	-.00013	-.00603
Stddev	.00024	.00006	1.23	.00023	.00021	.0232	.00028	.00213
%RSD	768.69	3.0970	.39368	64.980	.45164	1.5518	213.32	35.357

#1	-.00017	.00184	310.48	.00016	.04572	1.5171	.00009	-.00788
#2	-.00004	.00186	312.92	.00062	.04546	1.5040	-.00004	-.00652
#3	.00030	.00175	311.48	.00030	.04531	1.4719	-.00045	-.00370

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9557	1.7145	-.00173	-.00166	.01469	.0046	.27333	5.9587
Stddev	.0046	.0113	.00033	.00030	.00146	.0007	.00195	.0619
%RSD	.15385	.65912	19.301	18.072	9.9500	15.90	.71297	1.0394

#1	2.9608	1.7130	-.00211	-.00189	.01349	.0051	.27374	5.9336
#2	2.9521	1.7041	-.00157	-.00132	.01426	.0050	.27121	5.9134
#3	2.9541	1.7265	-.00150	-.00178	.01632	.0038	.27504	6.0293

Sample Name: K3154-02DUP Acquired: 6/17/2019 20:51:55 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.5691
Stddev	.4728
%RSD	10.348

#1	4.9668
#2	4.6942
#3	4.0463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.6	38925.	3748.3	64.760	2902.4
Stddev	13.5	52.	22.3	2.113	13.3
%RSD	.47417	.13464	.59364	3.2627	.45754

#1	2835.8	38875.	3736.2	63.310	2888.9
#2	2837.8	38922.	3774.0	63.787	2902.8
#3	2860.1	38979.	3734.8	67.185	2915.4

Sample Name: K3154-02LX5 Acquired: 6/17/2019 20:56:28 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8324 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00227	.00104	.00709	.00014	-.00002	.02546	.02493	.00005
Stddev	.00130	.00025	.00042	.00160	.00058	.00891	.00036	.00001
%RSD	57.295	23.625	5.8512	1157.7	3652.8	35.010	1.4384	21.086

#1	-.00350	.00124	.00730	-.00170	.00043	.01548	.02473	.00004
#2	-.00091	.00113	.00737	.00088	.00020	.03263	.02534	.00006
#3	-.00240	.00077	.00662	.00124	-.00067	.02826	.02471	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	10.954	-.00047	.00078	.00435	.00722	.15275	.47611
Stddev	.00005	.051	.00028	.00015	.00019	.00013	.00045	.05651
%RSD	59.526	.46822	60.228	19.023	4.4380	1.8512	.29504	11.870

#1	-.00010	10.936	-.00078	.00091	.00434	.00706	.15266	.54090
#2	-.00011	11.012	-.00038	.00062	.00417	.00727	.15235	.45045
#3	-.00003	10.915	-.00024	.00082	.00455	.00732	.15323	.43698

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	.00207	61.494	.00031	.00930	.48775	-.00019	-.00808
Stddev	.00024	.00016	.277	.00003	.00007	.01310	.00018	.01001
%RSD	9.9252	7.6270	.45107	8.1050	.78378	2.6853	96.161	123.86

#1	-.00259	.00194	61.631	.00032	.00938	.47267	-.00024	-.00135
#2	-.00250	.00225	61.676	.00033	.00928	.49632	.00001	-.01959
#3	-.00214	.00203	61.175	.00028	.00924	.49425	-.00034	-.00332

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51150	.38005	-.00188	.00032	.01288	.0012	.05756	4.0867
Stddev	.00284	.00567	.00045	.00142	.00175	.0022	.00029	.3433
%RSD	.55453	1.4932	24.134	440.48	13.617	191.0	.49990	8.3993

#1	.51386	.37493	-.00238	.00189	.01087	.0019	.05723	4.3892
#2	.51230	.37906	-.00176	-.00087	.01368	-.0013	.05765	4.1573
#3	.50835	.38615	-.00150	-.00005	.01409	.0029	.05779	3.7137

Sample Name: K3154-02LX5 Acquired: 6/17/2019 20:56:28 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8324 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6581
Stddev	.2748
%RSD	7.5127

#1	3.3682
#2	3.9148
#3	3.6915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.2	41082.	3731.6	66.661	3168.6
Stddev	10.6	135.	25.2	1.280	13.4
%RSD	.35484	.32914	.67455	1.9203	.42285

#1	2975.5	40983.	3740.9	67.667	3156.6
#2	2989.9	41025.	3750.8	67.097	3166.2
#3	2996.1	41236.	3703.1	65.220	3183.1

Sample Name: K3154-02MS Acquired: 6/17/2019 21:00:55 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 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	.75420	1.7737	.92799	1.9415	.76279	2.1262	.33890	.19372	.17784
Stddev	.00121	.0096	.00545	.0036	.00062	.0175	.00123	.00030	.00091
%RSD	.16019	.54329	.58689	.18552	.08122	.82413	.36219	.15267	.51346

#1	.75284	1.7844	.93370	1.9456	.76346	2.1412	.33903	.19342	.17857
#2	.75514	1.7657	.92285	1.9388	.76269	2.1304	.34007	.19401	.17681
#3	.75463	1.7709	.92742	1.9402	.76223	2.1069	.33762	.19372	.17812

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.129	.40929	.18757	.30772	3.0622	.98934	4.2978	.47493	.07228
Stddev	.242	.00213	.00105	.00025	.0137	.00196	.0290	.00171	.00076
%RSD	.39578	.51926	.56198	.08049	.44751	.19771	.67551	.35941	1.0505

#1	60.935	.40753	.18849	.30798	3.0611	.98961	4.2659	.47574	.07150
#2	61.400	.41165	.18642	.30749	3.0764	.99115	4.3227	.47297	.07302
#3	61.053	.40869	.18780	.30771	3.0491	.98726	4.3049	.47608	.07230

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	338.91	.30909	.24951	12.360	.39994	.29337	3.2052	2.8125	.64000
Stddev	3.36	.00088	.00054	.012	.00102	.00550	.0095	.0132	.00346
%RSD	.99268	.28321	.21589	.10052	.25384	1.8751	.29516	.46836	.54009

#1	335.64	.30832	.24992	12.348	.40087	.29214	3.2064	2.8050	.64312
#2	342.36	.31004	.24890	12.358	.39886	.28858	3.1953	2.8277	.63628
#3	338.73	.30891	.24972	12.373	.40010	.29938	3.2141	2.8049	.64061

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19430	.23127	5.987	.49815	6.3613	3.9235
Stddev	.00133	.00145	.017	.00090	.1739	.5602
%RSD	.68265	.62720	.2893	.18053	2.7343	14.279

#1	.19517	.22966	5.997	.49805	6.4762	3.8664
#2	.19495	.23248	5.967	.49909	6.1612	3.3941
#3	.19277	.23166	5.997	.49730	6.4465	4.5102

Sample Name: K3154-02MS Acquired: 6/17/2019 21:00:55 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 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	2860.2	39207.	3701.7	64.875	2900.3
Stddev	10.3	173.	13.2	.806	13.0
%RSD	.35850	.44001	.35555	1.2431	.44933
#1	2848.6	39098.	3696.2	64.886	2885.8
#2	2868.1	39117.	3692.1	64.063	2911.1
#3	2863.9	39406.	3716.7	65.676	2903.9

Sample Name: K3154-02MSD Acquired: 6/17/2019 21:05:10 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 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	.81786	1.9285	1.0071	2.1120	.82699	2.2657	.35254	.21018	.19282
Stddev	.00087	.0081	.0011	.0087	.00266	.0145	.00456	.00042	.00012
%RSD	.10642	.42087	.10611	.41051	.32213	.64107	1.2937	.19791	.05996

#1	.81874	1.9278	1.0069	2.1121	.82803	2.2541	.34886	.21049	.19290
#2	.81786	1.9370	1.0082	2.1207	.82898	2.2820	.35764	.21034	.19287
#3	.81700	1.9208	1.0061	2.1033	.82397	2.2610	.35114	.20971	.19269

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.701	.43769	.20321	.33202	3.2888	1.0031	4.4420	.50995	.07778
Stddev	.551	.00131	.00069	.00056	.0033	.0006	.0076	.00005	.00073
%RSD	.90711	.29933	.33971	.16855	.10075	.05567	.17101	.01017	.93704

#1	60.093	.43645	.20340	.33261	3.2889	1.0030	4.4505	.51001	.07853
#2	61.165	.43906	.20378	.33151	3.2921	1.0037	4.4396	.50991	.07773
#3	60.846	.43756	.20244	.33193	3.2855	1.0026	4.4358	.50994	.07708

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	335.94	.33515	.26313	13.166	.43221	.31848	3.2064	2.9046	.69496
Stddev	4.14	.00102	.00041	.180	.00059	.00339	.0173	.0091	.00032
%RSD	1.2312	.30467	.15483	1.3644	.13579	1.0630	.54009	.31484	.04573

#1	331.33	.33546	.26332	12.972	.43279	.31553	3.2261	2.9031	.69461
#2	337.13	.33598	.26340	13.326	.43221	.32217	3.1993	2.8963	.69522
#3	339.34	.33401	.26266	13.199	.43162	.31774	3.1937	2.9144	.69504

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20944	.24928	6.483	.51518	6.1519	3.8832
Stddev	.00200	.00269	.019	.00240	.2911	.3292
%RSD	.95264	1.0798	.2881	.46507	4.7318	8.4774

#1	.20812	.24899	6.491	.51391	6.4427	4.0642
#2	.20847	.24675	6.497	.51368	5.8605	4.0822
#3	.21174	.25211	6.462	.51794	6.1525	3.5032

Sample Name: K3154-02MSD Acquired: 6/17/2019 21:05:10 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 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	2871.9	39478.	3695.6	63.726	2909.6
Stddev	4.4	116.	32.5	1.318	2.1
%RSD	.15440	.29316	.87921	2.0681	.07338
#1	2868.2	39382.	3671.9	62.205	2907.6
#2	2876.8	39447.	3732.7	64.449	2911.8
#3	2870.7	39607.	3682.3	64.524	2909.5

Sample Name: K3154-02A Acquired: 6/17/2019 21:09:25 Type: Unk
Method: P4-ICP2(v3206) 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	.82801	1.9508	1.0204	2.1421	.84031	2.2941	.35745	.21331	.19510
Stddev	.00692	.0158	.0104	.0180	.00682	.0215	.00309	.00022	.00117
%RSD	.83545	.80966	1.0224	.83799	.81172	.93597	.86535	.10286	.59987

#1	.83221	1.9476	1.0219	2.1387	.83951	2.2752	.35494	.21354	.19509
#2	.83179	1.9679	1.0300	2.1615	.84750	2.3175	.35650	.21311	.19628
#3	.82002	1.9368	1.0093	2.1261	.83392	2.2897	.36090	.21328	.19394

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.419	.43853	.20597	.33588	3.2956	1.0140	4.5241	.51361	.07879
Stddev	.407	.00128	.00187	.00280	.0081	.0021	.0647	.00236	.00064
%RSD	.66242	.29262	.90701	.83371	.24607	.20973	1.4296	.45907	.80634

#1	60.950	.43728	.20565	.33606	3.2902	1.0118	4.4716	.51299	.07850
#2	61.674	.43985	.20798	.33858	3.3050	1.0161	4.5044	.51621	.07834
#3	61.633	.43845	.20429	.33299	3.2918	1.0142	4.5964	.51162	.07951

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	338.99	.34005	.25500	13.370	.43915	.31533	3.2278	2.9462	.70336
Stddev	2.33	.00114	.00160	.131	.00173	.00663	.0100	.0119	.00627
%RSD	.68772	.33439	.62847	.98284	.39427	2.1041	.30858	.40456	.89129

#1	336.90	.33885	.25492	13.218	.43884	.30772	3.2234	2.9592	.70470
#2	341.51	.34111	.25664	13.439	.44102	.31830	3.2392	2.9437	.70884
#3	338.57	.34020	.25344	13.452	.43760	.31996	3.2207	2.9358	.69652

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21431	.25387	6.568	.51906	6.3544	3.9697			
Stddev	.00176	.00141	.042	.00166	.2936	.5120			
%RSD	.82326	.55520	.6405	.31906	4.6207	12.898			

#1	.21414	.25503	6.561	.52097	6.3579	3.8504			
#2	.21616	.25427	6.614	.51810	6.0590	4.5308			
#3	.21265	.25230	6.530	.51811	6.6462	3.5279			

Sample Name: K3154-02A Acquired: 6/17/2019 21:09:25 Type: Unk
Method: P4-ICP2(v3206) 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	2838.7	39157.	3687.2	64.433	2887.2
Stddev	19.6	110.	32.0	.988	17.7
%RSD	.68935	.28202	.86862	1.5341	.61386
#1	2833.0	39088.	3650.5	63.726	2887.0
#2	2822.6	39098.	3701.6	65.563	2869.6
#3	2860.5	39284.	3709.6	64.012	2905.0

Sample Name: K3154-04 Acquired: 6/17/2019 21:13:39 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00380	-.00033	.01661	.00358	.00285	.15774	.16065	.00007
Stddev	.00280	.00045	.00080	.00010	.00141	.01285	.00053	.00005
%RSD	73.605	133.16	4.8128	2.8075	49.694	8.1455	.32784	71.518

#1	-.00687	-.00002	.01686	.00347	.00341	.14374	.16006	.00004
#2	-.00139	-.00013	.01725	.00360	.00124	.16047	.16105	.00013
#3	-.00314	-.00084	.01571	.00367	.00390	.16900	.16086	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	42.117	-.00079	.00389	.01293	.38366	1.1717	1.9286
Stddev	.00002	.343	.00030	.00019	.00024	.00186	.0029	.0183
%RSD	9.5556	.81362	37.985	4.8526	1.8411	.48503	.24420	.94856

#1	.00021	41.722	-.00109	.00394	.01270	.38220	1.1685	1.9474
#2	.00021	42.300	-.00049	.00368	.01290	.38575	1.1727	1.9108
#3	.00018	42.329	-.00078	.00405	.01318	.38303	1.1740	1.9277

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00238	305.40	.00018	.05341	1.4373	-.00015	.00809
Stddev	.00035	.00027	2.91	.00016	.00008	.0492	.00017	.00261
%RSD	153.61	11.209	.95444	87.640	.15893	3.4218	116.61	32.274

#1	.00001	.00242	302.18	.00012	.05350	1.3811	-.00004	.01111
#2	-.00007	.00263	306.16	.00036	.05334	1.4580	-.00006	.00661
#3	-.00063	.00210	307.86	.00007	.05338	1.4727	-.00034	.00656

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68701	2.2374	-.00095	-.00125	.01606	.0034	.22535	5.7629
Stddev	.00708	.0080	.00058	.00086	.00188	.0004	.00125	.1687
%RSD	1.0313	.35855	61.663	68.357	11.717	11.10	.55423	2.9276

#1	.69316	2.2375	-.00027	-.00224	.01391	.0037	.22591	5.7865
#2	.68861	2.2455	-.00128	-.00078	.01685	.0034	.22622	5.9186
#3	.67926	2.2294	-.00129	-.00074	.01742	.0030	.22392	5.5837

Sample Name: K3154-04 Acquired: 6/17/2019 21:13:39 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5413
 Stddev .5671
 %RSD 12.488

#1 3.9075
 #2 5.0007
 #3 4.7157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.4	39485.	3778.2	64.017	2958.3
Stddev	10.9	89.	15.0	1.070	9.1
%RSD	.37640	.22592	.39627	1.6707	.30723

#1	2893.2	39535.	3764.3	63.225	2955.6
#2	2884.2	39539.	3776.2	63.592	2950.8
#3	2905.9	39382.	3794.0	65.233	2968.4

Sample Name: K3154-06 Acquired: 6/17/2019 21:18:11 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00390	-.00137	.01369	.00073	.00169	.14763	.12377	.00011
Stddev	.00176	.00144	.00055	.00155	.00078	.00680	.00178	.00003
%RSD	45.284	105.56	4.0007	210.86	45.830	4.6073	1.4382	27.535

#1	-.00593	-.00250	.01356	-.00102	.00087	.15445	.12268	.00011
#2	-.00296	.00025	.01322	.00132	.00180	.14085	.12582	.00008
#3	-.00279	-.00185	.01429	.00190	.00241	.14760	.12279	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	33.016	-.00056	.00281	.00863	.02677	.77742	1.9657
Stddev	.00003	.522	.00040	.00011	.00010	.00037	.00229	.0541
%RSD	1845.0	1.5811	71.202	4.0501	1.1463	1.3898	.29396	2.7524

#1	.00003	32.422	-.00046	.00294	.00875	.02635	.77520	1.9439
#2	.00001	33.400	-.00099	.00271	.00857	.02693	.77976	2.0273
#3	-.00003	33.227	-.00021	.00279	.00858	.02704	.77729	1.9259

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	.00230	307.92	.00013	.05026	1.9687	-.00009	.01539
Stddev	.00015	.00030	2.14	.00018	.00007	.0586	.00024	.01221
%RSD	27.188	12.828	.69643	133.84	.14501	2.9752	268.51	79.322

#1	-.00055	.00229	305.72	-.00005	.05029	1.9014	.00002	.01065
#2	-.00073	.00260	310.00	.00030	.05032	1.9964	-.00036	.02926
#3	-.00042	.00201	308.04	.00015	.05018	2.0083	.00007	.00627

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37719	1.1981	-.00150	.00049	.01417	.0058	.18858	6.0085
Stddev	.00222	.0221	.00054	.00158	.00060	.0026	.00014	.1477
%RSD	.58946	1.8473	36.410	324.10	4.2128	44.60	.07629	2.4591

#1	.37951	1.2174	-.00121	.00182	.01429	.0087	.18848	5.9116
#2	.37507	1.1739	-.00115	.00090	.01352	.0039	.18874	6.1785
#3	.37700	1.2029	-.00212	-.00126	.01469	.0048	.18851	5.9353

Sample Name: K3154-06 Acquired: 6/17/2019 21:18:11 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2461
Stddev	.4949
%RSD	11.656

#1	4.4787
#2	4.5820
#3	3.6778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2891.2	39737.	3788.0	66.769	2953.6
Stddev	8.9	211.	40.2	.703	9.3
%RSD	.30613	.52979	1.0615	1.0527	.31383

#1	2890.5	39778.	3741.6	67.150	2949.2
#2	2882.7	39509.	3810.4	65.958	2947.3
#3	2900.4	39924.	3812.0	67.200	2964.2

Sample Name: K3154-08 Acquired: 6/17/2019 21:22:45 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	-.00039	.02040	.00063	.00020	.12533	.11798	.00005
Stddev	.00150	.00021	.00064	.00244	.00095	.00435	.00088	.00006
%RSD	59.066	54.070	3.1416	388.05	466.72	3.4726	.74253	127.13

#1	-.00176	-.00056	.01970	.00009	-.00089	.12482	.11770	-.00002
#2	-.00159	-.00047	.02094	.00329	.00081	.12991	.11896	.00007
#3	-.00427	-.00015	.02057	-.00150	.00068	.12125	.11727	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	19.766	-.00031	.00248	.01023	.04575	.42921	1.5426
Stddev	.00006	.113	.00016	.00005	.00048	.00091	.00067	.0169
%RSD	65.071	.57346	50.399	1.9284	4.6591	1.9968	.15580	1.0981

#1	.00009	19.676	-.00047	.00250	.00982	.04555	.42918	1.5313
#2	.00003	19.894	-.00032	.00252	.01075	.04494	.42989	1.5344
#3	.00015	19.729	-.00015	.00243	.01011	.04674	.42855	1.5621

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00224	290.81	.00012	.06735	1.0629	-.00007	.00239
Stddev	.00010	.00029	2.14	.00024	.00037	.0182	.00031	.00118
%RSD	27.739	12.883	.73695	198.16	.55186	1.7101	457.83	49.502

#1	-.00033	.00227	288.40	.00023	.06773	1.0801	.00020	.00244
#2	-.00027	.00194	292.52	.00029	.06733	1.0439	-.00040	.00118
#3	-.00046	.00251	291.49	-.00015	.06699	1.0646	-.00001	.00355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25100	.74308	-.00049	.00144	.01349	.0065	.10573	4.8999
Stddev	.00181	.00214	.00059	.00106	.00049	.0014	.00040	.1561
%RSD	.72007	.28852	120.55	73.417	3.6330	20.97	.37532	3.1856

#1	.25003	.74069	-.00008	.00242	.01375	.0057	.10565	5.0787
#2	.25309	.74370	-.00022	.00032	.01292	.0058	.10538	4.8304
#3	.24988	.74484	-.00116	.00158	.01379	.0081	.10616	4.7906

Sample Name: K3154-08 Acquired: 6/17/2019 21:22:45 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4616
Stddev	.1296
%RSD	2.9048

#1	4.3166
#2	4.5663
#3	4.5019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.6	40057.	3809.7	64.506	2998.6
Stddev	5.2	79.	18.2	1.810	5.8
%RSD	.17776	.19664	.47758	2.8059	.19311

#1	2924.4	40023.	3823.6	64.417	2995.4
#2	2921.1	40000.	3816.5	66.358	2995.2
#3	2931.3	40147.	3789.1	62.742	3005.3

Sample Name: K3154-10 Acquired: 6/17/2019 21:27:18 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	-.00120	.02198	.00001	.00064	.14702	.13297	.00015
Stddev	.00138	.00025	.00061	.00129	.00139	.00206	.00124	.00002
%RSD	57.151	21.165	2.7556	11177.	215.88	1.3997	.93538	16.598

#1	-.00110	-.00110	.02158	.00021	.00033	.14715	.13221	.00012
#2	-.00385	-.00149	.02268	-.00137	.00216	.14490	.13230	.00016
#3	-.00230	-.00101	.02169	.00119	-.00056	.14901	.13441	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	36.110	-.00021	.00365	.01262	.05092	.60338	2.1630
Stddev	.00009	.338	.00036	.00014	.00023	.00042	.00219	.0034
%RSD	45.745	.93654	171.26	3.7041	1.7921	.81512	.36304	.15738

#1	.00009	36.164	.00016	.00363	.01248	.05048	.60156	2.1644
#2	.00024	35.748	-.00056	.00379	.01251	.05099	.60581	2.1591
#3	.00024	36.418	-.00024	.00352	.01288	.05130	.60277	2.1654

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00251	302.93	.00034	.06093	1.2592	-.00025	.00513
Stddev	.00005	.00047	1.46	.00013	.00033	.0290	.00019	.01200
%RSD	21.811	18.703	.48127	38.542	.54282	2.2999	77.281	233.73

#1	.00020	.00230	301.30	.00048	.06086	1.2311	-.00008	.00353
#2	.00027	.00305	304.12	.00033	.06064	1.2576	-.00046	-.00599
#3	.00018	.00219	303.36	.00022	.06129	1.2889	-.00021	.01786

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37163	1.1826	-.00084	-.00051	.01644	.0096	.18319	5.6990
Stddev	.00298	.0093	.00032	.00108	.00104	.0006	.00176	.1494
%RSD	.80151	.78288	38.142	210.41	6.3424	6.403	.96047	2.6218

#1	.37161	1.1933	-.00047	-.00111	.01759	.0096	.18408	5.6511
#2	.36865	1.1783	-.00103	-.00117	.01556	.0103	.18117	5.5795
#3	.37461	1.1764	-.00101	.00073	.01616	.0090	.18433	5.8665

Sample Name: K3154-10 Acquired: 6/17/2019 21:27:18 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6377
 Stddev .6516
 %RSD 14.050

#1 3.9433
 #2 5.2357
 #3 4.7341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.7	39801.	3811.2	66.450	2947.2
Stddev	10.8	138.	29.8	2.190	13.4
%RSD	.37591	.34727	.78300	3.2950	.45401

#1	2876.5	39651.	3776.8	64.208	2942.5
#2	2897.0	39829.	3829.9	68.583	2962.3
#3	2880.6	39923.	3826.9	66.558	2936.7

Sample Name: CCV08 Acquired: 6/17/2019 21:31:52 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9827	5.0455	5.0629	5.0047	5.0321	9.7998	10.040	.25139
Stddev	.0096	.0078	.0033	.0073	.0102	.0290	.076	.00050
%RSD	.19190	.15473	.06478	.14543	.20249	.29636	.75713	.19698
#1	4.9892	5.0542	5.0637	5.0043	5.0314	9.7674	9.9548	.25159
#2	4.9873	5.0431	5.0593	5.0122	5.0427	9.8082	10.063	.25083
#3	4.9717	5.0392	5.0657	4.9977	5.0223	9.8236	10.102	.25176
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3839	24.970	1.0102	2.4206	1.3036	5.1127	2.5899	25.845
Stddev	.0016	.269	.0034	.0028	.0024	.0098	.0032	.293
%RSD	.06769	1.0771	.33855	.11625	.18758	.19158	.12272	1.1323
#1	2.3846	24.672	1.0084	2.4224	1.3022	5.1027	2.5923	25.529
#2	2.3851	25.043	1.0141	2.4221	1.3064	5.1223	2.5863	25.899
#3	2.3821	25.194	1.0080	2.4173	1.3022	5.1129	2.5912	26.107
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4679	1.2651	24.547	2.5723	2.3852	26.403	5.0087	4.8992
Stddev	.0021	.0033	.169	.0053	.0030	.224	.0028	.0366
%RSD	.08372	.25970	.68954	.20599	.12465	.84934	.05567	.74768
#1	2.4687	1.2637	24.351	2.5762	2.3886	26.146	5.0119	4.8787
#2	2.4656	1.2688	24.645	2.5744	2.3831	26.503	5.0076	4.8775
#3	2.4695	1.2627	24.644	2.5663	2.3838	26.559	5.0066	4.9415
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8301	5.4330	4.8020	4.9369	5.2722	5.106	5.0015	4.7771
Stddev	.0210	.0477	.0060	.0119	.0142	.016	.0046	.5238
%RSD	.43456	.87722	.12464	.24115	.27010	.3090	.09282	10.965
#1	4.8514	5.4703	4.8087	4.9311	5.2883	5.123	5.0014	4.9952
#2	4.8094	5.4495	4.7972	4.9290	5.2673	5.103	4.9969	4.1795
#3	4.8294	5.3793	4.8002	4.9506	5.2611	5.092	5.0062	5.1566

Sample Name: CCV08 Acquired: 6/17/2019 21:31:52 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.9798
Stddev .4576
%RSD 6.5558

#1 7.1695
#2 7.3120
#3 6.4579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.5	40907.	3778.5	63.910	2962.5
Stddev	6.0	116.	16.7	1.829	8.6
%RSD	.20316	.28453	.44069	2.8626	.29045

#1	2958.8	41012.	3761.1	63.386	2952.7
#2	2967.3	40782.	3780.2	62.400	2966.3
#3	2970.4	40927.	3794.3	65.945	2968.6

Sample Name: CCB08 Acquired: 6/17/2019 21:35:50 Type: Unk
Method: P4-ICP2(v3206) 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	-.00091	.00255	F .00457	-.00046	.00142	.00059	.00115
Stddev	.00309	.00116	.00045	.00234	.00144	.01296	.00026
%RSD	338.63	45.293	9.7384	511.34	101.16	2214.2	22.639

#1	-.00425	.00271	.00508	.00219	.00115	.01036	.00102
#2	.00184	.00133	.00438	-.00225	.00297	-.01411	.00099
#3	-.00032	.00362	.00425	-.00132	.00014	.00550	.00145

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00012	.01391	-.00038	-.00013	.00244	.00178
Stddev	.00002	.00004	.00492	.00006	.00013	.00028	.00008
%RSD	4825.0	36.406	35.357	15.176	95.065	11.372	4.7510

#1	-.00001	-.00012	.01132	-.00035	-.00012	.00212	.00185
#2	-.00002	-.00008	.01958	-.00045	-.00026	.00257	.00179
#3	.00002	-.00017	.01083	-.00035	-.00001	.00262	.00169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.03451	-.00183	.00220	-.36555	.00023	.00007
Stddev	.00002	.02471	.00013	.00025	.00219	.00009	.00003
%RSD	15.215	71.585	6.9531	11.297	.59780	39.114	41.942

#1	.00013	.06259	-.00169	.00193	-.36572	.00026	.00011
#2	.00010	.01610	-.00188	.00224	-.36765	.00013	.00006
#3	.00013	.02485	-.00192	.00242	-.36329	.00030	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25832	.00078	-.00497	F -.08639	.00645	-.00115	-.00070
Stddev	.01344	.00037	.00414	.00130	.00123	.00038	.00031
%RSD	5.2018	47.623	83.182	1.5055	19.130	32.742	43.979

#1	.26930	.00092	-.00738	-.08788	.00774	-.00126	-.00085
#2	.24334	.00106	-.00735	-.08552	.00631	-.00073	-.00091
#3	.26234	.00036	-.00020	-.08576	.00528	-.00146	-.00035

Sample Name: CCB08 Acquired: 6/17/2019 21:35:50 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01138	-.0022	.00008	F 2.4311	F 3.6553
Stddev	.00113	.0004	.00001	.1904	.6465
%RSD	9.8987	16.94	9.1384	7.8303	17.687

#1	.01025	-.0021	.00009	2.3917	2.9534
#2	.01140	-.0027	.00007	2.6380	4.2264
#3	.01250	-.0019	.00009	2.2635	3.7862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.3	43238.	3804.4	68.525	3409.6
Stddev	1.4	77.	16.4	1.372	6.6
%RSD	.04430	.17900	.42994	2.0027	.19405

#1	3105.4	43209.	3798.1	68.858	3402.0
#2	3104.8	43326.	3792.1	69.700	3412.5
#3	3102.8	43180.	3822.9	67.017	3414.2

Sample Name: K3154-12 Acquired: 6/17/2019 21:40:19 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	.00060	.01062	-.00012	.00301	.50921	.06690	.00003
Stddev	.00111	.00019	.00088	.00415	.00230	.01694	.00064	.00002
%RSD	71.652	31.500	8.3306	3556.1	76.255	3.3271	.96243	73.928

#1	-.00039	.00080	.00966	.00420	.00152	.52804	.06721	.00000
#2	-.00167	.00058	.01141	-.00407	.00185	.50441	.06734	.00004
#3	-.00261	.00043	.01079	-.00049	.00566	.49519	.06616	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	4.1637	.00163	-.00016	.00720	1.0738	.07544	1.0396
Stddev	.00003	.0346	.00008	.00015	.00021	.0038	.00023	.0960
%RSD	223.95	.83098	4.9158	89.257	2.8470	.35791	.30531	9.2336

#1	-.00001	4.1354	.00162	-.00009	.00702	1.0708	.07519	1.0177
#2	-.00005	4.2023	.00171	-.00033	.00717	1.0725	.07550	1.1447
#3	.00001	4.1535	.00155	-.00007	.00742	1.0781	.07564	.95652

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	.00243	300.85	.00193	.03934	1.1299	.00026	.00928
Stddev	.00022	.00010	.20	.00016	.00017	.0403	.00011	.00774
%RSD	10.849	3.9980	.06750	8.5517	.42541	3.5654	42.295	83.400

#1	-.00185	.00242	300.62	.00174	.03919	1.1747	.00014	.00540
#2	-.00229	.00233	300.94	.00199	.03952	1.1184	.00028	.00425
#3	-.00201	.00253	301.00	.00205	.03930	1.0966	.00035	.01819

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00639	1.1308	-.00066	.01249	.01266	.0780	.01670	5.2905
Stddev	.00133	.0075	.00074	.00197	.00109	.0011	.00012	.0855
%RSD	20.815	.66326	111.10	15.783	8.6310	1.362	.72252	1.6158

#1	.00789	1.1245	.00003	.01435	.01298	.0791	.01678	5.2139
#2	.00589	1.1287	-.00144	.01269	.01357	.0770	.01656	5.2750
#3	.00538	1.1391	-.00059	.01043	.01145	.0777	.01676	5.3827

Sample Name: K3154-12 Acquired: 6/17/2019 21:40:19 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0754
 Stddev .3583
 %RSD 8.7913

#1 4.0051
 #2 4.4636
 #3 3.7574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2908.3	39748.	3768.9	65.728	2989.3
Stddev	4.2	239.	13.5	1.677	2.5
%RSD	.14602	.60064	.35920	2.5509	.08281

#1	2904.0	39564.	3755.1	64.167	2989.6
#2	2912.5	39663.	3782.2	65.517	2986.8
#3	2908.3	40018.	3769.2	67.500	2991.7

Sample Name: K3154-14 Acquired: 6/17/2019 21:44:53 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00073	.03006	-.00128	.00088	.20667	.16167	.00013
Stddev	.00256	.00096	.00054	.00074	.00180	.01446	.00239	.00003
%RSD	269.06	131.09	1.7819	57.377	205.21	6.9965	1.4796	25.009

#1	-.00345	.00033	.03068	-.00075	.00247	.20994	.16098	.00011
#2	.00167	-.00153	.02976	-.00097	-.00107	.19085	.16434	.00017
#3	-.00107	-.00099	.02974	-.00213	.00123	.21921	.15971	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	42.556	-.00026	.00361	.01548	.29863	.54552	2.0595
Stddev	.00007	.476	.00013	.00010	.00028	.00237	.00111	.0865
%RSD	18.489	1.1193	51.077	2.7849	1.7974	.79205	.20363	4.2012

#1	.00046	42.085	-.00042	.00369	.01571	.29820	.54544	2.0010
#2	.00032	43.038	-.00022	.00350	.01556	.29650	.54445	2.1589
#3	.00042	42.545	-.00016	.00364	.01517	.30118	.54666	2.0186

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00246	302.04	.00028	.09002	1.6063	-.00002	.01104
Stddev	.00022	.00033	2.29	.00027	.00017	.0282	.00009	.00715
%RSD	48.163	13.305	.75753	96.224	.19287	1.7576	362.31	64.785

#1	.00042	.00282	300.05	-.00002	.08997	1.5752	-.00001	.01573
#2	.00025	.00217	301.54	.00052	.09021	1.6304	.00005	.01459
#3	.00069	.00240	304.54	.00035	.08987	1.6133	-.00011	.00281

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38762	1.2361	-.00047	.00156	.01636	.0069	.19740	5.5410
Stddev	.00170	.0107	.00056	.00080	.00125	.0007	.00081	.1269
%RSD	.43877	.86254	119.93	50.907	7.6197	10.08	.41138	2.2896

#1	.38731	1.2407	-.00111	.00082	.01500	.0063	.19651	5.3976
#2	.38609	1.2240	-.00002	.00240	.01746	.0067	.19810	5.6388
#3	.38945	1.2438	-.00028	.00147	.01663	.0077	.19760	5.5865

Sample Name: K3154-14 Acquired: 6/17/2019 21:44:53 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-061419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.7552
Stddev	.0726
%RSD	1.5264

#1	4.7047
#2	4.7224
#3	4.8383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2904.0	39493.	3786.2	66.231	2963.2
Stddev	15.7	100.	25.5	.648	16.6
%RSD	.54068	.25349	.67469	.97822	.56040

#1	2890.6	39381.	3776.2	66.958	2948.7
#2	2900.2	39573.	3815.2	66.017	2959.7
#3	2921.3	39525.	3767.1	65.717	2981.3

Sample Name: K3366-02 Acquired: 6/17/2019 21:49:26 Type: Unk
Method: P4-ICP2(v3206) 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	-.00320	-.00020	.04040	.00058	.00084	.16715	.13698	.00008
Stddev	.00184	.00152	.00096	.00132	.00170	.00955	.00084	.00003
%RSD	57.388	744.39	2.3742	226.09	201.42	5.7145	.61083	33.429

#1	-.00140	-.00046	.04007	.00198	.00271	.16444	.13607	.00007
#2	-.00313	-.00157	.04148	-.00065	-.00061	.15924	.13715	.00010
#3	-.00507	.00142	.03965	.00042	.00043	.17776	.13772	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	27.246	-.00052	.00843	.01775	.14057	1.3495	3.3584
Stddev	.00003	.265	.00006	.00029	.00014	.00058	.0017	.0398
%RSD	6.5131	.97223	10.838	3.4625	.76703	.41331	.12671	1.1864

#1	.00039	26.972	-.00057	.00872	.01768	.14093	1.3476	3.3457
#2	.00044	27.268	-.00046	.00841	.01767	.14089	1.3503	3.3264
#3	.00044	27.500	-.00052	.00814	.01791	.13990	1.3507	3.4030

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	.00289	310.33	.00026	.11976	1.3637	-.00016	.01473
Stddev	.00025	.00009	1.62	.00026	.00017	.0151	.00014	.00666
%RSD	11.553	3.2443	.52204	97.794	.14030	1.1091	84.110	45.172

#1	.00210	.00300	308.57	.00053	.11993	1.3559	-.00003	.01734
#2	.00242	.00283	310.67	.00001	.11977	1.3540	-.00030	.01969
#3	.00193	.00285	311.75	.00025	.11959	1.3811	-.00015	.00717

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34004	1.3252	-.00087	.00209	.01399	.0115	.06695	5.4469
Stddev	.00257	.0089	.00009	.00117	.00109	.0011	.00038	.4944
%RSD	.75649	.67439	10.107	56.036	7.8064	9.446	.56615	9.0763

#1	.34299	1.3200	-.00097	.00194	.01518	.0111	.06651	5.4418
#2	.33890	1.3355	-.00085	.00332	.01303	.0128	.06713	4.9550
#3	.33824	1.3200	-.00080	.00100	.01377	.0107	.06720	5.9437

Sample Name: K3366-02 Acquired: 6/17/2019 21:49:26 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-SOIL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3571
 Stddev .1091
 %RSD 2.5035

#1 4.3117
 #2 4.2780
 #3 4.4815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.0	39958.	3808.3	66.794	2975.7
Stddev	3.5	86.	14.4	.625	3.0
%RSD	.12039	.21509	.37855	.93615	.10189

#1	2908.3	40051.	3812.8	67.408	2972.5
#2	2914.9	39882.	3792.2	66.158	2976.1
#3	2909.7	39941.	3820.0	66.817	2978.6

Sample Name: K3366-05 Acquired: 6/17/2019 21:54:00 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BRANCH-LEAVE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00370	.00013	.01146	.00131	.00139	.03432	.09916	-.00007
Stddev	.00198	.00048	.00051	.00104	.00084	.01025	.00077	.00003
%RSD	53.544	380.18	4.4549	79.562	60.204	29.866	.77398	41.557

#1	-.00555	.00061	.01088	.00142	.00043	.03375	.09828	-.00006
#2	-.00396	.00012	.01167	.00229	.00194	.02437	.09959	-.00005
#3	-.00160	-.00035	.01183	.00022	.00180	.04485	.09963	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	3.5613	-.00021	-.00052	.01907	.05004	.22122	2.9249
Stddev	.00002	.0343	.00037	.00005	.00011	.00065	.00008	.0065
%RSD	7.0576	.96391	174.10	10.436	.58859	1.2924	.03457	.22087

#1	.00026	3.5275	-.00026	-.00056	.01894	.04933	.22131	2.9205
#2	.00023	3.5601	.00018	-.00046	.01913	.05018	.22120	2.9323
#3	.00023	3.5961	-.00055	-.00054	.01914	.05061	.22116	2.9218

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	.00282	276.10	-.00004	.10525	25.077	-.00010	.06152
Stddev	.00021	.00020	2.59	.00028	.00035	.034	.00002	.00149
%RSD	22.149	7.0914	.93760	713.38	.32874	.13398	18.793	2.4154

#1	-.00075	.00262	273.12	-.00000	.10494	25.039	-.00008	.06279
#2	-.00093	.00281	277.79	-.00034	.10518	25.100	-.00010	.06190
#3	-.00117	.00302	277.40	.00022	.10562	25.093	-.00012	.05989

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30727	.07409	-.00118	.00071	.01213	1.408	.00770	4.6599
Stddev	.00309	.00254	.00090	.00010	.00213	.005	.00001	.0610
%RSD	1.0061	3.4247	75.869	14.023	17.572	.3554	.09443	1.3088

#1	.30976	.07702	-.00127	.00078	.01369	1.414	.00769	4.7151
#2	.30381	.07249	-.00204	.00059	.00970	1.405	.00770	4.5945
#3	.30825	.07277	-.00025	.00075	.01299	1.406	.00770	4.6702

Sample Name: K3366-05 Acquired: 6/17/2019 21:54:00 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BRANCH-LEAVE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2284
 Stddev .1322
 %RSD 4.0961

#1 3.1173
 #2 3.3747
 #3 3.1933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.3	40522.	3847.9	68.008	3030.7
Stddev	5.3	103.	14.6	1.593	1.9
%RSD	.18010	.25303	.38014	2.3421	.06428

#1	2957.4	40422.	3836.9	69.372	3032.8
#2	2947.5	40519.	3842.4	68.394	3030.3
#3	2949.0	40627.	3864.5	66.258	3029.0

Sample Name: K3389-08 Acquired: 6/17/2019 21:58:36 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GS-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	-.00047	.01483	.00097	.00057	.18076	.21892	.00010
Stddev	.00204	.00114	.00091	.00088	.00179	.00751	.00066	.00007
%RSD	60.031	242.18	6.1039	90.988	312.46	4.1558	.30165	72.400

#1	-.00263	-.00105	.01381	.00101	.00097	.18920	.21827	.00008
#2	-.00573	.00084	.01555	.00182	-.00138	.17480	.21891	.00004
#3	-.00187	-.00121	.01513	.00006	.00213	.17828	.21959	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	53.314	-.00075	.00427	.00629	.14235	1.0733	7.5103
Stddev	.00003	.329	.00031	.00023	.00035	.00066	.0017	.0125
%RSD	24.247	.61705	41.708	5.4378	5.5561	.46451	.16185	.16654

#1	-.00015	52.980	-.00081	.00409	.00602	.14169	1.0751	7.5197
#2	-.00009	53.322	-.00041	.00419	.00668	.14235	1.0731	7.5152
#3	-.00010	53.638	-.00102	.00453	.00617	.14301	1.0716	7.4961

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	.00246	290.39	.00018	.02876	2.5134	-.00043	-.00056
Stddev	.00026	.00018	1.83	.00032	.00019	.0181	.00008	.00724
%RSD	30.240	7.1303	.62846	180.56	.65592	.71967	19.693	1284.1

#1	-.00114	.00264	288.73	.00005	.02886	2.4927	-.00047	-.00338
#2	-.00065	.00243	290.08	.00055	.02888	2.5219	-.00033	-.00597
#3	-.00076	.00229	292.34	-.00006	.02855	2.5257	-.00049	.00766

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10428	.53440	-.00070	.00010	.01605	.0001	.50791	4.6996
Stddev	.00327	.00309	.00050	.00129	.00091	.0010	.00041	.1393
%RSD	3.1315	.57863	72.115	1245.3	5.6948	749.8	.07985	2.9637

#1	.10214	.53084	-.00048	-.00055	.01690	.0005	.50745	4.7747
#2	.10804	.53642	-.00034	.00159	.01617	-.0010	.50820	4.7852
#3	.10266	.53595	-.00127	-.00073	.01508	.0009	.50809	4.5389

Sample Name: K3389-08 Acquired: 6/17/2019 21:58:36 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GS-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.3319
Stddev	.2973
%RSD	6.8632

#1	4.0333
#2	4.3347
#3	4.6279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.7	40149.	3821.7	66.927	2981.0
Stddev	5.9	144.	18.9	1.183	11.3
%RSD	.19955	.35778	.49379	1.7682	.37981

#1	2935.7	39983.	3801.3	67.441	2977.7
#2	2929.8	40227.	3825.3	65.573	2971.7
#3	2941.6	40237.	3838.5	67.766	2993.6

Sample Name: K3392-01 Acquired: 6/17/2019 22:03:12 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-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	-.00088	-.00170	.01077	-.00056	.00103	.14839	.44277	.00039
Stddev	.00105	.00083	.00086	.00121	.00055	.00710	.00169	.00003
%RSD	120.34	48.729	8.0088	215.42	53.945	4.7855	.38118	6.5027

#1	-.00089	-.00245	.00988	-.00095	.00039	.14868	.44130	.00041
#2	.00018	-.00081	.01161	.00080	.00127	.14115	.44239	.00036
#3	-.00192	-.00184	.01083	-.00153	.00141	.15534	.44461	.00040

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	43.296	.00121	.00252	.02849	.08005	.10173	23.479
Stddev	.00007	.158	.00015	.00021	.00017	.00023	.00040	.069
%RSD	398.67	.36444	12.061	8.5077	.60110	.28169	.39209	.29534

#1	.00005	43.201	.00130	.00240	.02857	.07982	.10136	23.467
#2	.00007	43.208	.00104	.00277	.02829	.08007	.10215	23.416
#3	-.00006	43.478	.00128	.00239	.02861	.08027	.10169	23.553

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00294	.00256	285.01	.00168	.17916	5.9638	.00174	.10330
Stddev	.00042	.00019	.96	.00023	.00024	.0453	.00034	.00689
%RSD	14.419	7.4043	.33710	13.671	.13227	.75963	19.727	6.6662

#1	.00335	.00255	283.98	.00194	.17943	5.9260	.00211	.09905
#2	.00296	.00238	285.19	.00161	.17905	6.0141	.00144	.09961
#3	.00250	.00276	285.87	.00149	.17899	5.9514	.00166	.11125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7543	5.0657	-.00119	.00224	.02574	.0309	.20290	5.5898
Stddev	.0040	.0843	.00033	.00147	.00242	.0010	.00297	.1810
%RSD	.22779	1.6644	28.266	65.536	9.4097	3.316	1.4653	3.2376

#1	1.7528	5.1061	-.00080	.00102	.02672	.0310	.20423	5.7987
#2	1.7514	4.9687	-.00133	.00183	.02298	.0298	.19949	5.4864
#3	1.7589	5.1221	-.00143	.00387	.02752	.0318	.20497	5.4841

Sample Name: K3392-01 Acquired: 6/17/2019 22:03:12 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OD-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.0108
Stddev	.2508
%RSD	6.2532

#1	3.7238
#2	4.1878
#3	4.1208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2908.7	39840.	3814.3	68.254	2963.6
Stddev	8.4	107.	52.1	.634	6.2
%RSD	.28738	.26757	1.3662	.92896	.20778

#1	2899.1	39719.	3779.2	68.773	2956.6
#2	2913.4	39919.	3874.2	68.442	2968.2
#3	2913.8	39883.	3789.6	67.547	2966.0

Sample Name: K3392-04 Acquired: 6/17/2019 22:07:45 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-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	.00010	-.00037	.01278	.00159	.00036	1.7111	.57477	.00135
Stddev	.00134	.00087	.00054	.00127	.00220	.0200	.00331	.00004
%RSD	1355.4	237.94	4.2281	80.289	607.01	1.1701	.57579	3.2062
#1	.00163	.00013	.01220	.00271	.00158	1.6884	.57104	.00133
#2	-.00052	-.00137	.01328	.00185	-.00218	1.7190	.57737	.00140
#3	-.00082	.00014	.01285	.00020	.00169	1.7261	.57590	.00133
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	20.624	.00520	.00265	.04368	1.3693	.08318	14.400
Stddev	.00003	.190	.00025	.00009	.00028	.0067	.00031	.160
%RSD	65.808	.92219	4.8221	3.5369	.64686	.48730	.37116	1.1128
#1	-.00007	20.425	.00507	.00263	.04372	1.3627	.08302	14.233
#2	-.00003	20.804	.00504	.00257	.04393	1.3760	.08298	14.553
#3	-.00002	20.641	.00549	.00275	.04337	1.3692	.08353	14.414
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	.00202	291.28	.00958	.16243	7.0604	.01774	.07771
Stddev	.00012	.00047	1.63	.00057	.00029	.0628	.00019	.01909
%RSD	2.8188	23.040	.55907	5.9966	.18075	.88964	1.0958	24.568
#1	.00449	.00248	289.50	.00982	.16265	6.9879	.01791	.05729
#2	.00426	.00203	292.69	.00892	.16210	7.0963	.01778	.09511
#3	.00430	.00155	291.65	.00999	.16255	7.0972	.01752	.08071
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62994	F 13.226	-.00107	.03795	.02322	.3039	.10502	4.9497
Stddev	.00244	.067	.00048	.00128	.00222	.0007	.00044	.1521
%RSD	.38706	.50870	44.742	3.3602	9.5684	.2432	.42285	3.0723
#1	.63272	13.264	-.00099	.03749	.02122	.3032	.10457	5.0987
#2	.62814	13.149	-.00159	.03696	.02561	.3037	.10502	4.9557
#3	.62897	13.266	-.00064	.03939	.02283	.3047	.10546	4.7948

Sample Name: K3392-04 Acquired: 6/17/2019 22:07:45 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OD-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2785
Stddev	.2814
%RSD	6.5775

#1	3.9791
#2	4.5375
#3	4.3189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.3	40326.	3828.4	67.240	2993.0
Stddev	9.5	106.	19.2	.313	10.6
%RSD	.32279	.26368	.50133	.46585	.35554

#1	2929.7	40283.	3813.2	67.326	2980.8
#2	2943.4	40249.	3850.0	67.501	3000.4
#3	2947.9	40447.	3822.0	66.893	2997.9

Sample Name: K3407-01 Acquired: 6/17/2019 22:12:17 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00756	-.00006	.00771	.00130	.00179	.03587	.10786	-.00010
Stddev	.00187	.00120	.00032	.00044	.00073	.00529	.00180	.00003
%RSD	24.708	2106.0	4.1494	33.919	41.019	14.754	1.6709	28.924

#1	-.00607	-.00143	.00802	.00180	.00116	.03852	.10991	-.00007
#2	-.00966	.00076	.00771	.00106	.00161	.02978	.10711	-.00012
#3	-.00696	.00050	.00738	.00102	.00259	.03932	.10654	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	47.499	.00017	-.00064	.00256	.06572	.00666	.19373
Stddev	.00006	.340	.00020	.00023	.00023	.00039	.00003	.04483
%RSD	24.747	.71494	119.88	36.436	8.9769	.59626	.48972	23.140

#1	-.00018	47.779	-.00001	-.00054	.00273	.06613	.00666	.17669
#2	-.00030	47.598	.00038	-.00090	.00230	.06535	.00670	.24458
#3	-.00023	47.121	.00013	-.00047	.00264	.06569	.00663	.15992

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00318	.00292	326.65	.00059	8.7153	.47391	-.00061	1.6083
Stddev	.00039	.00023	3.40	.00039	.0423	.02814	.00021	.0169
%RSD	12.387	7.9557	1.0413	66.500	.48501	5.9374	34.366	1.0522

#1	-.00363	.00318	322.91	.00018	8.7545	.50617	-.00056	1.5998
#2	-.00292	.00281	327.50	.00095	8.6705	.45447	-.00084	1.6278
#3	-.00299	.00276	329.55	.00064	8.7208	.46108	-.00043	1.5974

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0420	.08060	-.00092	-.00163	.01432	.7110	.02304	5.5224
Stddev	.0041	.00430	.00063	.00171	.00059	.0026	.00013	.3869
%RSD	.39352	5.3380	68.777	104.65	4.1387	.3637	.58559	7.0056

#1	1.0467	.07607	-.00140	.00008	.01364	.7135	.02294	5.3853
#2	1.0396	.08110	-.00116	-.00164	.01473	.7083	.02319	5.2227
#3	1.0396	.08464	-.00020	-.00334	.01460	.7112	.02298	5.9591

Sample Name: K3407-01 Acquired: 6/17/2019 22:12:17 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2358
Stddev	.0282
%RSD	.66668

#1	4.2675
#2	4.2135
#3	4.2263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.2	39808.	3804.8	66.175	2956.9
Stddev	13.2	184.	22.4	1.358	19.5
%RSD	.45544	.46219	.58986	2.0528	.65870

#1	2883.2	39616.	3830.6	66.475	2936.5
#2	2908.2	39827.	3794.0	64.692	2975.3
#3	2903.0	39982.	3789.7	67.358	2958.8

Sample Name: K3407-04 Acquired: 6/17/2019 22:16:51 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00431	-.00053	.00542	-.00043	.00061	-.00193	.00178	-.00007
Stddev	.00344	.00124	.00099	.00231	.00131	.00574	.00007	.00002
%RSD	79.710	236.92	18.343	533.08	213.94	297.11	3.8958	22.188

#1	-.00827	-.00169	.00437	-.00291	.00126	.00338	.00176	-.00008
#2	-.00261	.00079	.00635	.00167	-.00089	-.00116	.00172	-.00005
#3	-.00206	-.00068	.00555	-.00006	.00147	-.00801	.00186	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	1.4140	.00002	-.00026	.01113	.03727	.00143	.06552
Stddev	.00004	.0075	.00021	.00013	.00014	.00026	.00006	.02699
%RSD	24.680	.53080	845.76	49.854	1.2580	.70568	3.8446	41.199

#1	-.00016	1.4177	.00013	-.00018	.01125	.03702	.00148	.09034
#2	-.00015	1.4189	-.00021	-.00041	.01098	.03724	.00138	.06943
#3	-.00023	1.4053	.00016	-.00020	.01116	.03754	.00145	.03678

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	.00249	-.12833	.00007	.72190	.29477	.00028	.31256
Stddev	.00022	.00014	.02086	.00040	.00327	.00914	.00015	.01663
%RSD	20.106	5.6737	16.258	547.31	.45341	3.1003	54.360	5.3194

#1	-.00097	.00235	-.10757	-.00038	.72509	.28423	.00016	.30794
#2	-.00099	.00264	-.12811	.00021	.72206	.30055	.00023	.33100
#3	-.00136	.00247	-.14930	.00039	.71855	.29952	.00046	.29872

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1782	.01824	-.00249	-.00048	.01013	.0710	.00091	1.1584
Stddev	.0073	.00179	.00028	.00056	.00216	.0009	.00006	.3942
%RSD	.33712	9.8308	11.427	116.75	21.360	1.290	7.0663	34.028

#1	2.1854	.01929	-.00281	.00002	.01075	.0701	.00092	1.4854
#2	2.1785	.01617	-.00243	-.00108	.01191	.0719	.00084	1.2691
#3	2.1708	.01925	-.00225	-.00037	.00772	.0710	.00097	.72072

Sample Name: K3407-04 Acquired: 6/17/2019 22:16:51 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0925
Stddev .1466
%RSD 4.7403

#1 3.1639
#2 3.1897
#3 2.9239

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.0	44466.	3872.0	69.506	3473.8
Stddev	19.8	44.	2.9	.375	21.6
%RSD	.63416	.09960	.07362	.53957	.62139

#1	3108.5	44503.	3870.2	69.350	3453.0
#2	3121.8	44417.	3870.6	69.233	3472.3
#3	3147.5	44477.	3875.3	69.933	3496.1

Sample Name: K3369-02 Acquired: 6/17/2019 22:21:17 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00361	.00006	.00449	.00159	.00121	.02149	.05037	-.00004
Stddev	.00097	.00045	.00025	.00041	.00027	.00178	.00035	.00005
%RSD	26.766	765.36	5.5776	25.601	22.033	8.2903	.69748	106.01
#1	-.00257	-.00001	.00425	.00154	.00118	.02217	.05056	-.00010
#2	-.00448	-.00035	.00446	.00122	.00095	.02283	.04996	-.00003
#3	-.00378	.00054	.00475	.00203	.00148	.01947	.05059	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	10.220	-.00006	-.00036	.00297	.01347	.00411	1.5874
Stddev	.00004	.076	.00012	.00008	.00027	.00024	.00006	.0416
%RSD	21.725	.73975	192.10	22.640	9.1016	1.7483	1.5706	2.6218
#1	-.00019	10.249	-.00004	-.00039	.00323	.01374	.00418	1.5906
#2	-.00026	10.277	.00004	-.00042	.00269	.01336	.00409	1.6273
#3	-.00017	10.134	-.00019	-.00027	.00299	.01330	.00406	1.5442
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00264	18.594	.00064	.02356	1.3970	.00003	.01976
Stddev	.00021	.00031	.121	.00015	.00014	.0148	.00027	.01039
%RSD	12.498	11.599	.64842	23.216	.60097	1.0626	818.90	52.579
#1	-.00148	.00292	18.573	.00053	.02346	1.4003	.00032	.00815
#2	-.00190	.00231	18.723	.00058	.02350	1.4099	.00000	.02819
#3	-.00170	.00268	18.485	.00081	.02372	1.3808	-.00022	.02292
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5520	1.0332	-.00276	-.00026	.01012	.0239	.04033	2.7803
Stddev	.0080	.0024	.00026	.00126	.00136	.0007	.00016	.5143
%RSD	.31243	.23444	9.5313	481.57	13.397	2.825	.39754	18.499
#1	2.5587	1.0307	-.00266	.00101	.00985	.0242	.04016	2.9497
#2	2.5541	1.0334	-.00305	-.00151	.00892	.0231	.04037	2.2027
#3	2.5432	1.0355	-.00256	-.00028	.01159	.0243	.04047	3.1886

Sample Name: K3369-02 Acquired: 6/17/2019 22:21:17 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FRAC-TANK-CO Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2925
 Stddev .2632
 %RSD 7.9927

#1 3.4992
 #2 2.9963
 #3 3.3821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3056.4	42832.	3848.4	69.085	3335.6
Stddev	11.3	204.	25.0	.121	7.5
%RSD	.37079	.47580	.64913	.17576	.22623

#1	3043.6	42633.	3864.2	68.947	3327.0
#2	3060.1	42823.	3861.4	69.178	3338.7
#3	3065.4	43040.	3819.6	69.128	3341.1

Sample Name: CCV09 Acquired: 6/17/2019 22:25:43 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15131 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9285	4.9997	5.0450	4.9508	5.0055	9.5409	9.8446	.24877
Stddev	.0075	.0095	.0038	.0125	.0059	.0621	.0362	.00079
%RSD	.15221	.19013	.07607	.25241	.11736	.65049	.36797	.31778
#1	4.9256	4.9919	5.0447	4.9503	5.0051	9.5011	9.8028	.24961
#2	4.9370	5.0103	5.0489	4.9635	5.0116	9.5091	9.8670	.24867
#3	4.9229	4.9969	5.0413	4.9385	4.9999	9.6124	9.8640	.24803
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3595	24.477	.99042	2.3992	1.2934	5.0531	2.5402	25.415
Stddev	.0038	.070	.00232	.0030	.0029	.0106	.0016	.062
%RSD	.16094	.28438	.23447	.12336	.22591	.20988	.06370	.24570
#1	2.3565	24.425	.98807	2.3995	1.2913	5.0412	2.5391	25.362
#2	2.3638	24.556	.99048	2.4020	1.2968	5.0615	2.5421	25.484
#3	2.3581	24.450	.99271	2.3961	1.2922	5.0566	2.5395	25.400
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4526	1.2538	24.043	2.5335	2.3594	26.063	4.9466	4.7828
Stddev	.0043	.0011	.102	.0047	.0051	.105	.0086	.0393
%RSD	.17673	.08834	.42537	.18620	.21736	.40180	.17364	.82183
#1	2.4529	1.2526	23.930	2.5300	2.3587	25.948	4.9495	4.7405
#2	2.4567	1.2542	24.130	2.5316	2.3649	26.152	4.9534	4.8182
#3	2.4481	1.2547	24.067	2.5388	2.3547	26.089	4.9370	4.7897
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8003	5.4157	4.7725	4.8749	5.2185	5.075	4.9671	F 4.3603
Stddev	.0137	.0368	.0153	.0403	.0499	.009	.0432	.1645
%RSD	.28438	.67999	.31961	.82570	.95558	.1864	.86959	3.7725
#1	4.7966	5.3905	4.7634	4.8302	5.1759	5.080	4.9231	4.5327
#2	4.8155	5.3986	4.7901	4.8862	5.2063	5.080	4.9689	4.2051
#3	4.7890	5.4579	4.7640	4.9083	5.2733	5.064	5.0094	4.3430

Sample Name: CCV09 Acquired: 6/17/2019 22:25:43 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15131 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 6.2976
Stddev	.1928
%RSD	3.0617

#1	6.3854
#2	6.4309
#3	6.0765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.4	41503.	3789.8	65.758	3002.2
Stddev	8.9	47.	24.7	1.036	8.9
%RSD	.29513	.11333	.65187	1.5747	.29492

#1	3015.5	41521.	3808.3	66.812	3003.0
#2	3007.9	41538.	3799.3	64.742	2993.0
#3	3025.7	41450.	3761.7	65.721	3010.7

Sample Name: CCB09 Acquired: 6/17/2019 22:29:41 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15131 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00308	F .00553	-.00119	.00188	-.00948	.00189
Stddev	.00231	.00047	.00061	.00149	.00085	.01017	.00029
%RSD	900.18	15.324	11.054	125.41	45.171	107.29	15.083

#1	.00149	.00255	.00519	-.00290	.00258	-.00966	.00181
#2	-.00241	.00325	.00623	-.00012	.00212	.00078	.00221
#3	.00170	.00345	.00516	-.00055	.00093	-.01955	.00166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00013	-.00506	-.00053	-.00020	.00252	.00178
Stddev	.00007	.00005	.00516	.00026	.00021	.00054	.00022
%RSD	1102.5	35.934	102.15	48.629	102.65	21.335	12.357

#1	.00007	-.00019	-.00891	-.00033	-.00036	.00259	.00166
#2	-.00007	-.00012	-.00707	-.00082	-.00028	.00302	.00203
#3	-.00001	-.00009	.00081	-.00044	.00003	.00195	.00165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00810	-.00169	F .00279	-.40873	-.00000	.00011
Stddev	.00006	.02942	.00004	.00017	.00608	.00045	.00008
%RSD	54.507	363.07	2.3667	6.0837	1.4870	11204.	66.666

#1	.00006	-.03653	-.00173	.00287	-.41574	.00037	.00019
#2	.00019	-.00998	-.00167	.00291	-.40546	-.00051	.00011
#3	.00011	.02221	-.00166	.00260	-.40499	.00012	.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22813	.00079	-.00532	F -.08803	.00628	-.00103	.00010
Stddev	.01744	.00014	.01051	.00233	.00147	.00045	.00163
%RSD	7.6458	17.292	197.31	2.6465	23.402	43.322	1583.4

#1	.22343	.00091	-.01583	-.09048	.00460	-.00072	.00048
#2	.21352	.00081	.00518	-.08584	.00734	-.00083	-.00168
#3	.24744	.00064	-.00533	-.08777	.00688	-.00154	.00151

Sample Name: CCB09 Acquired: 6/17/2019 22:29:41 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15131 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01006	-.0011	.00009	F 1.6354	F 3.3920
Stddev	.00165	.0005	.00007	.3995	.2063
%RSD	16.432	50.10	76.264	24.425	6.0816
#1	.00905	-.0011	.00014	1.2597	3.2085
#2	.00916	-.0005	.00001	1.5916	3.6153
#3	.01197	-.0016	.00013	2.0550	3.3522
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.5	43856.	3870.8	68.244	3465.6
Stddev	11.4	136.	17.4	.674	12.2
%RSD	.36137	.30897	.44914	.98753	.35101
#1	3169.7	43941.	3885.5	68.450	3473.4
#2	3147.7	43700.	3851.6	68.792	3451.6
#3	3164.1	43928.	3875.3	67.492	3471.9

Sample Name: K3382-03 Acquired: 6/17/2019 22:34:10 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00017	.00479	-.00079	.00115	.06583	.05325	-.00009
Stddev	.00266	.00065	.00030	.00153	.00126	.00221	.00037	.00002
%RSD	686.06	391.83	6.2727	194.68	109.59	3.3569	.70264	18.198

#1	.00210	-.00037	.00460	.00011	.00062	.06729	.05309	-.00008
#2	-.00319	-.00001	.00514	.00008	.00258	.06329	.05299	-.00007
#3	-.00007	.00088	.00463	-.00256	.00024	.06692	.05368	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	3.8693	.00023	-.00021	.00273	.13225	.00086	.78684
Stddev	.00004	.0112	.00021	.00017	.00001	.00134	.00003	.04013
%RSD	18.998	.28928	88.420	81.088	.40932	1.0153	3.4689	5.0999

#1	-.00020	3.8676	.00044	-.00006	.00272	.13380	.00085	.82969
#2	-.00022	3.8812	.00002	-.00039	.00274	.13144	.00084	.75015
#3	-.00015	3.8590	.00024	-.00017	.00273	.13152	.00090	.78068

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00150	.00238	1.0365	.00068	.01463	.62732	.00260	.02107
Stddev	.00013	.00038	.0039	.00028	.00010	.03008	.00014	.00131
%RSD	8.3828	15.854	.37929	41.093	.67269	4.7955	5.3110	6.2277

#1	-.00140	.00282	1.0409	.00036	.01469	.66078	.00247	.02033
#2	-.00164	.00216	1.0334	.00079	.01469	.61867	.00258	.02259
#3	-.00146	.00217	1.0352	.00089	.01452	.60251	.00274	.02029

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91819	.60842	-.00278	.00302	.00624	.0049	.02668	1.8173
Stddev	.00283	.00559	.00053	.00117	.00112	.0010	.00006	.3660
%RSD	.30871	.91909	19.134	38.675	17.869	20.48	.22465	20.138

#1	.91955	.61376	-.00218	.00434	.00536	.0061	.02671	1.4291
#2	.91493	.60889	-.00318	.00212	.00750	.0043	.02661	2.1559
#3	.92008	.60261	-.00298	.00260	.00587	.0043	.02672	1.8670

Sample Name: K3382-03 Acquired: 6/17/2019 22:34:10 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0500
Stddev	.2748
%RSD	9.0101

#1	3.3419
#2	2.7962
#3	3.0121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.7	44020.	3890.4	68.922	3447.8
Stddev	10.8	175.	17.5	1.593	7.1
%RSD	.34523	.39813	.44985	2.3109	.20501

#1	3132.3	43838.	3876.9	69.817	3442.1
#2	3130.5	44036.	3884.2	69.867	3445.5
#3	3150.1	44187.	3910.2	67.083	3455.7

Sample Name: K3382-03DUP Acquired: 6/17/2019 22:38:38 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMPDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.00033	.00465	.00105	.00295	.07124	.05451	-.00011
Stddev	.00057	.00023	.00015	.00215	.00084	.00984	.00050	.00008
%RSD	32.419	71.067	3.2978	204.70	28.434	13.812	.91477	76.147

#1	-.00236	.00011	.00475	.00177	.00388	.06229	.05400	-.00011
#2	-.00168	.00057	.00448	.00275	.00224	.06964	.05499	-.00019
#3	-.00123	.00029	.00473	-.00137	.00273	.08178	.05455	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	3.9225	.00038	-.00038	.00279	.13484	.00090	.78699
Stddev	.00004	.0391	.00017	.00006	.00013	.00045	.00003	.05755
%RSD	18.664	.99698	43.334	15.139	4.7883	.33271	3.1269	7.3131

#1	-.00020	3.8954	.00051	-.00043	.00283	.13501	.00093	.79277
#2	-.00016	3.9673	.00020	-.00032	.00290	.13518	.00091	.84144
#3	-.00023	3.9047	.00044	-.00039	.00264	.13433	.00087	.72677

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	.00249	1.0474	.00070	.01504	.60367	.00237	.01794
Stddev	.00008	.00032	.0098	.00007	.00012	.01485	.00009	.01365
%RSD	5.1277	12.689	.93328	9.4887	.79884	2.4596	3.6856	76.100

#1	-.00157	.00238	1.0516	.00063	.01518	.61831	.00237	.00234
#2	-.00144	.00225	1.0544	.00076	.01500	.60407	.00246	.02377
#3	-.00157	.00285	1.0363	.00072	.01495	.58862	.00229	.02772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93079	.61725	-.00177	.00211	.00890	.0045	.02714	1.5969
Stddev	.00454	.00617	.00026	.00219	.00166	.0009	.00005	.3650
%RSD	.48788	.99934	14.921	104.08	18.634	19.80	.17296	22.859

#1	.92662	.61108	-.00148	.00332	.00895	.0038	.02709	1.3244
#2	.93563	.61725	-.00183	.00343	.01053	.0041	.02717	2.0117
#3	.93011	.62342	-.00199	-.00042	.00722	.0055	.02717	1.4547

Sample Name: K3382-03DUP Acquired: 6/17/2019 22:38:38 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMPDUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4045
 Stddev .5273
 %RSD 15.489

#1 3.1239
 #2 3.0769
 #3 4.0128

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3131.9	43960.	3896.2	69.167	3440.9
Stddev	8.0	121.	22.1	1.249	7.3
%RSD	.25685	.27472	.56644	1.8053	.21143

#1	3122.6	43821.	3907.2	68.425	3432.8
#2	3136.7	44033.	3910.7	70.608	3446.9
#3	3136.3	44027.	3870.8	68.467	3443.0

Sample Name: K3382-03LX5 Acquired: 6/17/2019 22:43:06 Type: Unk
Method: P4-ICP2(v3206) 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	-.00130	.00173	.00478	-.00073	.00119	.01201	.01242	-.00000
Stddev	.00178	.00014	.00090	.00177	.00166	.00398	.00029	.00003
%RSD	136.81	7.9170	18.762	243.66	140.00	33.156	2.3285	796.27

#1	.00043	.00188	.00499	-.00191	-.00022	.00912	.01270	.00001
#2	-.00121	.00167	.00380	-.00157	.00302	.01036	.01245	.00002
#3	-.00312	.00163	.00555	.00131	.00076	.01655	.01212	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.80284	-.00003	-.00014	.00245	.03006	.00040	.19119
Stddev	.00003	.01891	.00018	.00014	.00002	.00056	.00002	.03051
%RSD	20.419	2.3559	603.33	102.19	.62831	1.8636	5.1434	15.957

#1	-.00010	.78203	-.00024	-.00007	.00244	.03061	.00042	.20694
#2	-.00016	.80748	.00004	-.00031	.00245	.03010	.00039	.21061
#3	-.00014	.81900	.00011	-.00005	.00247	.02949	.00039	.15603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	.00316	-.13586	.00022	.00368	.27497	.00020	.00207
Stddev	.00028	.00044	.00734	.00020	.00009	.01503	.00029	.00589
%RSD	19.637	14.045	5.4028	94.152	2.3505	5.4673	146.61	284.59

#1	-.00122	.00266	-.14419	.00016	.00377	.29089	.00034	.00288
#2	-.00129	.00329	-.13035	.00044	.00365	.27299	-.00014	.00751
#3	-.00174	.00352	-.13303	.00005	.00361	.26102	.00039	-.00418

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12228	.13516	-.00197	.00041	.00693	.0007	.00543	1.7965
Stddev	.00209	.00222	.00020	.00024	.00118	.0008	.00010	.0675
%RSD	1.7105	1.6443	10.103	57.163	16.976	113.1	1.8155	3.7593

#1	.12111	.13413	-.00194	.00068	.00595	.0009	.00532	1.8638
#2	.12103	.13771	-.00218	.00024	.00661	-.0002	.00549	1.7287
#3	.12469	.13364	-.00179	.00032	.00824	.0014	.00549	1.7970

Sample Name: K3382-03LX5 Acquired: 6/17/2019 22:43:06 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2633
Stddev	.1165
%RSD	3.5694

#1	3.3967
#2	3.1813
#3	3.2120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.7	44027.	3894.0	68.397	3442.2
Stddev	9.1	17.	12.3	1.247	5.5
%RSD	.28794	.03753	.31495	1.8238	.16067

#1	3164.7	44046.	3908.1	69.833	3445.6
#2	3152.2	44022.	3885.6	67.583	3435.8
#3	3147.1	44014.	3888.3	67.775	3445.2

Sample Name: K3382-03MS Acquired: 6/17/2019 22:47:35 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP 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	.69655	1.7780	.90237	1.7653	.73622	1.8606	.24740	.17776	.16453
Stddev	.00494	.0038	.00345	.0029	.00276	.0138	.00216	.00046	.00038
%RSD	.70934	.21523	.38236	.16602	.37469	.73989	.87245	.25871	.22894

#1	.70040	1.7822	.90632	1.7683	.73525	1.8549	.24962	.17818	.16496
#2	.69828	1.7748	.90085	1.7625	.73408	1.8763	.24727	.17783	.16434
#3	.69098	1.7768	.89995	1.7652	.73934	1.8506	.24530	.17726	.16428

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6898	.38874	.17671	.30482	3.1631	.20113	2.7184	.44778	.06923
Stddev	.0235	.00016	.00035	.00072	.0043	.00040	.0215	.00047	.00032
%RSD	.41278	.04019	.19565	.23493	.13752	.19837	.79084	.10452	.46043

#1	5.7168	.38861	.17689	.30537	3.1680	.20132	2.6969	.44831	.06955
#2	5.6784	.38871	.17692	.30401	3.1617	.20067	2.7183	.44758	.06891
#3	5.6741	.38891	.17631	.30508	3.1597	.20139	2.7399	.44744	.06921

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	3.9644	.29881	.19178	10.411	.38858	.28235	.99706	1.5958	.60213
Stddev	.0193	.00121	.00023	.047	.00096	.01440	.00312	.0174	.00066
%RSD	.48817	.40618	.11968	.44958	.24756	5.1000	.31317	1.0918	.10894

#1	3.9855	.29839	.19201	10.463	.38760	.29893	.99409	1.5781	.60180
#2	3.9602	.30017	.19155	10.395	.38863	.27293	.99677	1.5964	.60288
#3	3.9475	.29786	.19178	10.373	.38953	.27520	1.0003	1.6130	.60170

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19310	.21750	5.132	.22575	2.9493	2.1753
Stddev	.00124	.00062	.018	.00075	.1946	.3123
%RSD	.64142	.28277	.3578	.33049	6.5991	14.358

#1	.19326	.21800	5.147	.22490	3.1713	1.8781
#2	.19179	.21681	5.138	.22601	2.8686	2.1469
#3	.19425	.21769	5.112	.22632	2.8079	2.5008

Sample Name: K3382-03MS Acquired: 6/17/2019 22:47:35 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP 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	3086.7	43133.	3805.4	67.989	3348.8
Stddev	7.2	136.	17.0	1.733	13.7
%RSD	.23428	.31618	.44732	2.5495	.40985
#1	3080.9	42979.	3824.4	66.450	3335.7
#2	3084.4	43178.	3800.2	67.650	3347.8
#3	3094.8	43241.	3791.6	69.867	3363.1

Sample Name: K3382-03MSD Acquired: 6/17/2019 22:51:44 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMPMSD 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	.76625	1.9552	.99191	1.9406	.80402	2.0357	.26637	.19509	.18119
Stddev	.00210	.0017	.00246	.0045	.00122	.0139	.00256	.00026	.00058
%RSD	.27424	.08447	.24845	.22937	.15184	.68066	.95958	.13390	.32089

#1	.76867	1.9533	.99471	1.9391	.80425	2.0384	.26563	.19522	.18156
#2	.76512	1.9564	.99093	1.9457	.80271	2.0207	.26427	.19525	.18150
#3	.76495	1.9558	.99008	1.9372	.80512	2.0480	.26922	.19479	.18052

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7508	.42657	.19398	.33156	3.3953	.21968	2.9019	.49196	.07643
Stddev	.0258	.00094	.00033	.00057	.0080	.00036	.0954	.00108	.00022
%RSD	.44919	.22122	.17039	.17331	.23646	.16185	3.2894	.21871	.29327

#1	5.7309	.42591	.19363	.33209	3.3979	.21992	3.0119	.49320	.07619
#2	5.7416	.42614	.19428	.33163	3.3863	.21927	2.8524	.49139	.07664
#3	5.7800	.42765	.19403	.33095	3.4017	.21984	2.8413	.49129	.07646

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	4.2238	.32805	.19544	11.398	.42543	.31272	.99246	1.6703	.65783
Stddev	.0142	.00087	.00059	.028	.00080	.01668	.00739	.0068	.00095
%RSD	.33549	.26588	.30296	.24854	.18899	5.3331	.74467	.40576	.14479

#1	4.2191	.32704	.19569	11.407	.42568	.29354	.98674	1.6691	.65719
#2	4.2127	.32848	.19476	11.420	.42607	.32082	1.0008	1.6776	.65737
#3	4.2398	.32862	.19586	11.366	.42453	.32380	.98983	1.6643	.65892

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21248	.23687	5.643	.24295	2.8275	2.4372
Stddev	.00182	.00164	.009	.00017	.3315	.2728
%RSD	.85811	.69361	.1541	.06906	11.726	11.193

#1	.21079	.23589	5.651	.24278	3.0028	2.1790
#2	.21441	.23877	5.642	.24312	3.0345	2.7226
#3	.21225	.23597	5.634	.24296	2.4451	2.4101

Sample Name: K3382-03MSD Acquired: 6/17/2019 22:51:44 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMPMSD 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	3090.0	43371.	3818.6	68.756	3350.0
Stddev	8.4	161.	11.4	.990	9.1
%RSD	.27292	.37187	.29918	1.4406	.27273
#1	3080.3	43201.	3816.7	67.701	3339.5
#2	3095.0	43522.	3808.3	68.900	3354.1
#3	3094.8	43389.	3830.9	69.666	3356.4

Sample Name: K3382-03A Acquired: 6/17/2019 22:55:51 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8324 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	.75957	1.9371	.98336	1.9255	.79757	2.0244	.26474	.19356	.17917
Stddev	.00194	.0025	.00311	.0069	.00190	.0078	.00081	.00019	.00033
%RSD	.25475	.13118	.31610	.35602	.23769	.38318	.30669	.09767	.18391

#1	.75962	1.9379	.98617	1.9303	.79589	2.0168	.26381	.19341	.17929
#2	.76148	1.9343	.98003	1.9177	.79719	2.0241	.26510	.19350	.17942
#3	.75761	1.9392	.98389	1.9285	.79963	2.0323	.26531	.19377	.17879

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8207	.42325	.19238	.33187	3.4492	.21829	2.8932	.48876	.07526
Stddev	.0369	.00065	.00047	.00066	.0048	.00109	.0405	.00181	.00046
%RSD	.63397	.15279	.24436	.20022	.13798	.49891	1.3993	.37029	.61305

#1	5.7807	.42341	.19260	.33134	3.4528	.21875	2.8572	.48998	.07577
#2	5.8281	.42254	.19269	.33261	3.4438	.21704	2.9370	.48961	.07488
#3	5.8534	.42380	.19184	.33165	3.4511	.21907	2.8854	.48668	.07513

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	4.1905	.32591	.20639	11.278	.42251	.31205	.99244	1.6761	.65399
Stddev	.0237	.00099	.00024	.062	.00075	.01259	.00731	.0223	.00162
%RSD	.56611	.30320	.11429	.55023	.17733	4.0345	.73684	1.3290	.24702

#1	4.1668	.32704	.20662	11.222	.42239	.29759	.98945	1.6900	.65214
#2	4.2142	.32527	.20641	11.345	.42183	.31795	.98711	1.6504	.65472
#3	4.1905	.32540	.20615	11.268	.42331	.32060	1.0008	1.6880	.65512

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21248	.23689	5.594	.24167	3.0469	2.6874
Stddev	.00270	.00220	.009	.00075	.2091	.4076
%RSD	1.2705	.93054	.1572	.30927	6.8637	15.168

#1	.20988	.23500	5.603	.24210	3.0749	2.8477
#2	.21231	.23637	5.594	.24081	3.2406	2.2240
#3	.21527	.23931	5.585	.24211	2.8251	2.9904

Sample Name: K3382-03A Acquired: 6/17/2019 22:55:51 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8324 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	3106.1	43474.	3820.5	69.074	3361.9
Stddev	5.5	101.	20.5	.033	9.9
%RSD	.17675	.23197	.53621	.04717	.29393
#1	3101.7	43375.	3798.0	69.104	3352.6
#2	3104.3	43470.	3838.0	69.079	3360.9
#3	3112.3	43577.	3825.7	69.039	3372.3

Sample Name: CCV10 Acquired: 6/17/2019 22:59:59 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8916	4.9899	5.0368	4.9397	4.9734	9.5321	9.8318	.24742
Stddev	.0154	.0200	.0103	.0273	.0107	.0350	.0121	.00010
%RSD	.31489	.40053	.20456	.55228	.21531	.36773	.12356	.03992
#1	4.9080	5.0041	5.0249	4.9597	4.9773	9.5692	9.8383	.24731
#2	4.8893	4.9985	5.0433	4.9507	4.9817	9.5276	9.8178	.24750
#3	4.8774	4.9670	5.0421	4.9086	4.9613	9.4995	9.8393	.24744
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3483	24.457	.97962	2.3863	1.2858	5.0424	2.5223	25.485
Stddev	.0024	.078	.00366	.0027	.0043	.0080	.0032	.060
%RSD	.10348	.31764	.37349	.11107	.33126	.15840	.12653	.23600
#1	2.3511	24.420	.98030	2.3872	1.2896	5.0471	2.5192	25.433
#2	2.3473	24.405	.98289	2.3884	1.2867	5.0470	2.5256	25.551
#3	2.3465	24.546	.97567	2.3833	1.2812	5.0332	2.5220	25.471
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4442	1.2473	23.950	2.5257	2.3533	26.078	4.9170	4.7720
Stddev	.0058	.0027	.014	.0019	.0023	.059	.0181	.0589
%RSD	.23906	.21616	.05995	.07326	.09611	.22437	.36789	1.2340
#1	2.4497	1.2463	23.960	2.5245	2.3551	26.024	4.9301	4.7326
#2	2.4447	1.2504	23.933	2.5278	2.3541	26.140	4.9246	4.7437
#3	2.4381	1.2453	23.955	2.5247	2.3507	26.068	4.8964	4.8397
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7892	5.3529	4.7731	4.8623	5.1581	5.071	4.9331	4.9990
Stddev	.0170	.0270	.0057	.0194	.0045	.012	.0108	.0513
%RSD	.35590	.50392	.11930	.39842	.08786	.2297	.21977	1.0256
#1	4.7992	5.3262	4.7789	4.8486	5.1530	5.084	4.9206	5.0467
#2	4.7990	5.3801	4.7675	4.8537	5.1617	5.069	4.9381	5.0055
#3	4.7695	5.3525	4.7729	4.8844	5.1595	5.061	4.9405	4.9448

Sample Name: CCV10 Acquired: 6/17/2019 22:59:59 Type: Unk
Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.6911
Stddev .3104
%RSD 4.6385

#1 6.9245
#2 6.8099
#3 6.3389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.2	41669.	3827.4	66.924	3006.5
Stddev	10.1	147.	14.2	.501	6.9
%RSD	.33264	.35300	.37192	.74900	.22863

#1	3017.6	41603.	3835.0	67.402	3001.8
#2	3019.2	41567.	3810.9	66.968	3003.4
#3	3035.8	41838.	3836.1	66.402	3014.4

Sample Name: CCB10 Acquired: 6/17/2019 23:03:59 Type: Unk
Method: P4-ICP2(v3206) 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	-.00120	.00230	F .00696	-.00025	.00149	-.01085	.00151
Stddev	.00115	.00024	.00123	.00220	.00102	.00622	.00021
%RSD	96.248	10.551	17.688	887.66	68.412	57.362	14.056

#1	.00012	.00202	.00830	.00095	.00250	-.01794	.00169
#2	-.00172	.00241	.00671	.00110	.00150	-.00633	.00156
#3	-.00200	.00246	.00588	-.00279	.00046	-.00826	.00128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00012	.00767	-.00068	-.00033	.00230	.00202
Stddev	.00002	.00004	.00710	.00015	.00003	.00023	.00039
%RSD	66.423	37.089	92.550	21.496	10.518	9.7682	19.500

#1	-.00001	-.00009	.01129	-.00062	-.00036	.00220	.00220
#2	-.00004	-.00009	.01224	-.00058	-.00029	.00256	.00229
#3	-.00005	-.00017	-.00051	-.00085	-.00033	.00215	.00157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.01401	-.00153	F .00337	-.45716	.00025	-.00008
Stddev	.00001	.03960	.00020	.00036	.01197	.00006	.00004
%RSD	15.157	282.70	12.905	10.782	2.6174	22.370	50.737

#1	.00010	-.02430	-.00139	.00332	-.46066	.00030	-.00010
#2	.00007	.02972	-.00144	.00375	-.46698	.00019	-.00004
#3	.00008	-.04745	-.00175	.00303	-.44383	.00025	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22632	.00065	-.00167	F -.08908	.00688	-.00075	-.00006
Stddev	.03611	.00023	.00784	.00060	.00075	.00012	.00151
%RSD	15.955	34.733	470.29	.67356	10.961	16.127	2694.0

#1	.24827	.00090	.00708	-.08920	.00623	-.00069	-.00020
#2	.24605	.00058	-.00402	-.08843	.00770	-.00089	.00152
#3	.18465	.00047	-.00806	-.08961	.00670	-.00068	-.00149

Sample Name: CCB10 Acquired: 6/17/2019 23:03:59 Type: Unk
 Method: P4-ICP2(v3206) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00694	- .0016	. 00008	F 1 .9253	F 3 .9854
Stddev	.00136	.0008	.00006	.2330	.4641
%RSD	19.615	51.48	78.108	12.100	11.645
#1	. 00794	- .0011	. 00012	2 .1809	3 .6956
#2	. 00749	- .0025	. 00001	1 .7249	3 .7399
#3	. 00539	- .0011	. 00011	1 .8700	4 .5207
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3 167.6	4 3981.	3 876.8	7 0.536	3 473.0
Stddev	1.6	70.	23.5	1.189	3.0
%RSD	.05178	.15814	.60504	1.6857	.08497
#1	3 166.4	4 4057.	3 851.6	7 0.092	3 469.8
#2	3 166.9	4 3966.	3 897.9	6 9.633	3 473.8
#3	3 169.4	4 3920.	3 880.8	7 1.883	3 475.5