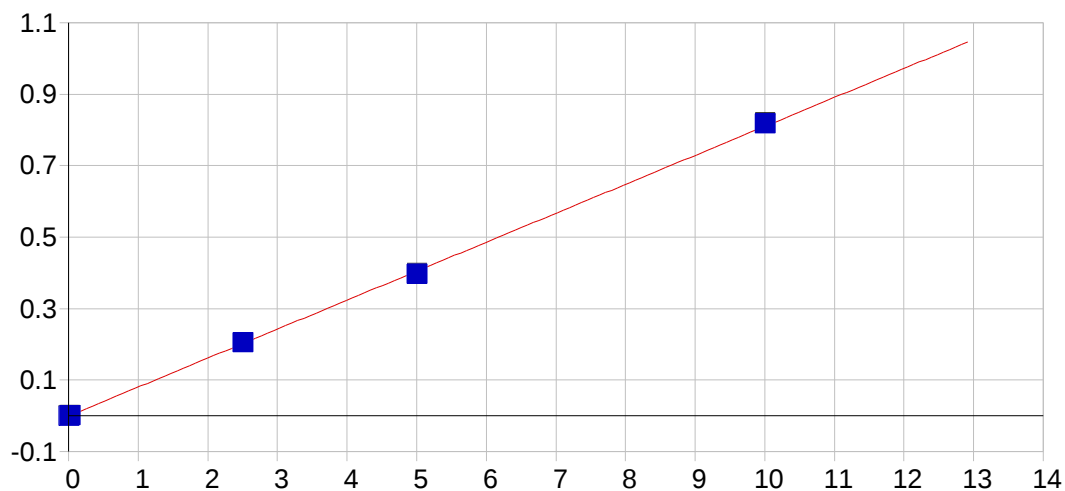


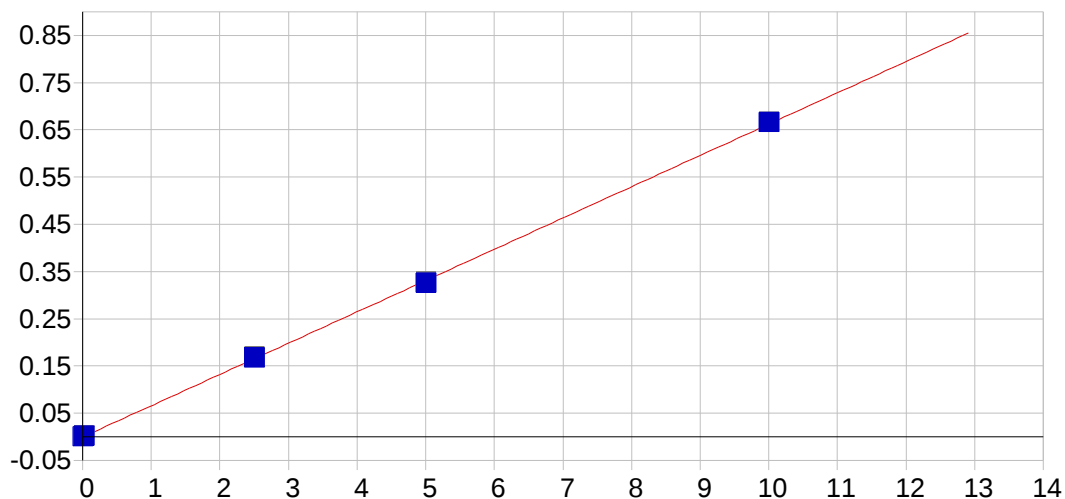


As 189.042 {478}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000641 Re-Slope: 1.000000
 A1 (Gain): 0.081060 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002578
 Predicted MQL: 0.008595

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00064	.000	1
S1	.02000	.01955	-.000	-2.23	.00094	.000	1
S3	2.5000	2.5214	.021	.857	.20373	.001	1
S4	5.0000	4.8974	-.103	-2.05	.39632	.001	1
S5	10.000	10.082	.082	.816	.81652	.003	1



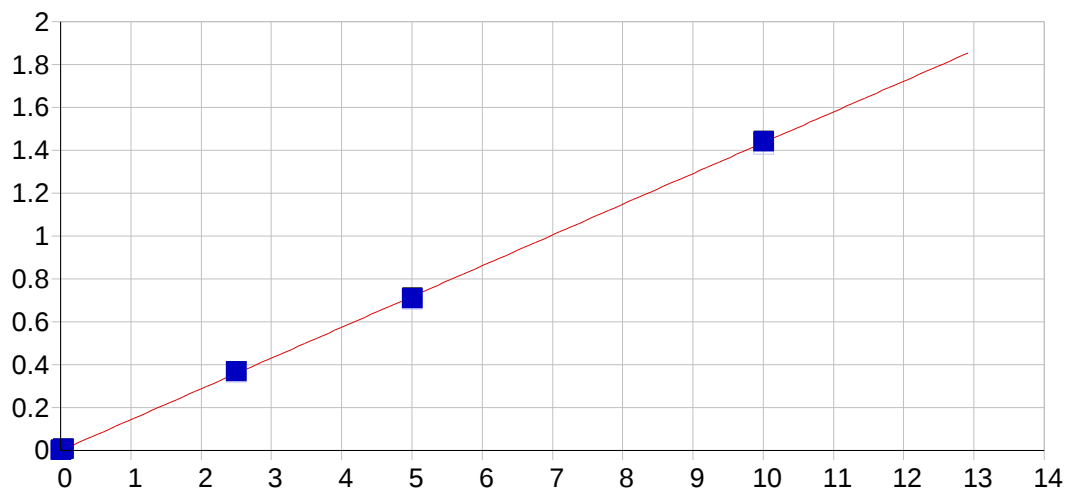
As 189.042 {479}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000369 Re-Slope: 1.000000

A1 (Gain): 0.066259 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002253
 Predicted MQL: 0.007510

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.02000	.01964	-.000	-1.81	.00093	.000	1
S3	2.5000	2.5283	.028	1.13	.16716	.000	1
S4	5.0000	4.9253	-.075	-1.49	.32598	.000	1
S5	10.000	10.047	.047	.467	.66532	.001	1

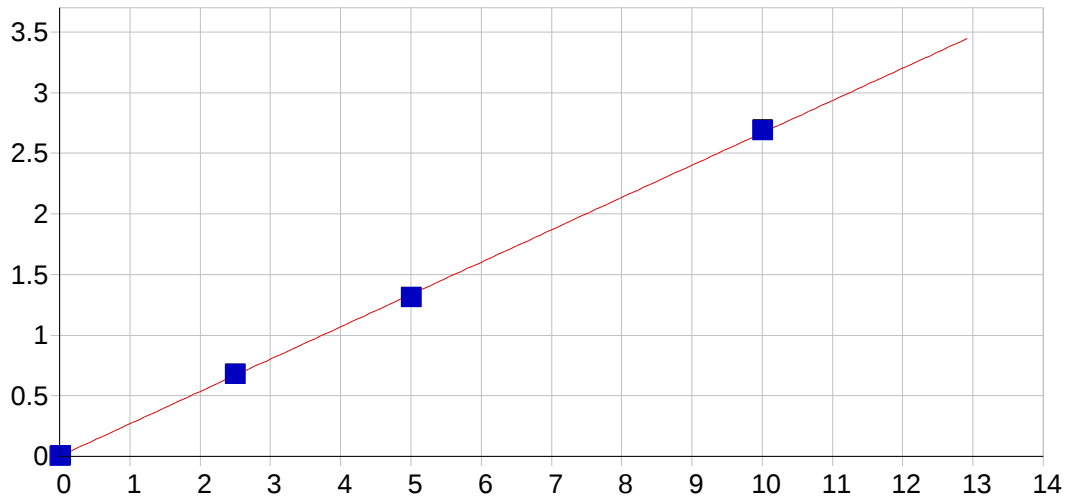


TI 190.856 {477}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000240 Re-Slope: 1.000000
 A1 (Gain): 0.143507 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001152
 Predicted MQL: 0.003840

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.04000	.04077	.001	1.93	.00594	.000	1
S3	2.5000	2.5475	.047	1.90	.36214	.001	1
S4	5.0000	4.9371	-.063	-1.26	.70139	.001	1
S5	10.000	10.015	.015	.146	1.4227	.004	1

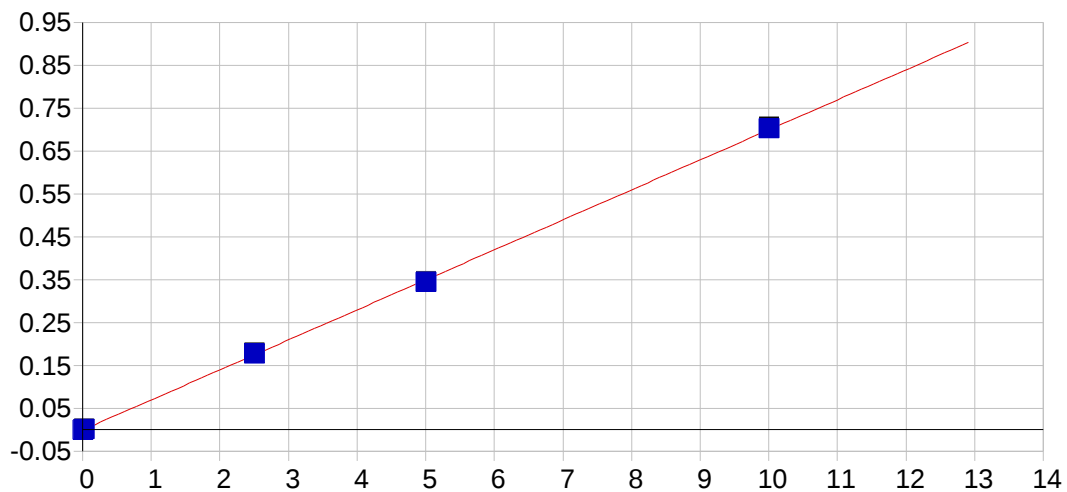


Pb 220.353 {453}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002241 Re-Slope: 1.000000
 A1 (Gain): 0.266593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.000929
 Predicted MQL: 0.003095

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00224	.000	1
S1	.01200	.01139	-.001	-5.07	.00522	.000	1
S3	2.5000	2.5229	.023	.915	.67392	.002	1
S4	5.0000	4.9052	-.095	-1.90	1.3081	.001	1
S5	10.000	10.073	.073	.725	2.6839	.004	1



Se 196.090 {472}

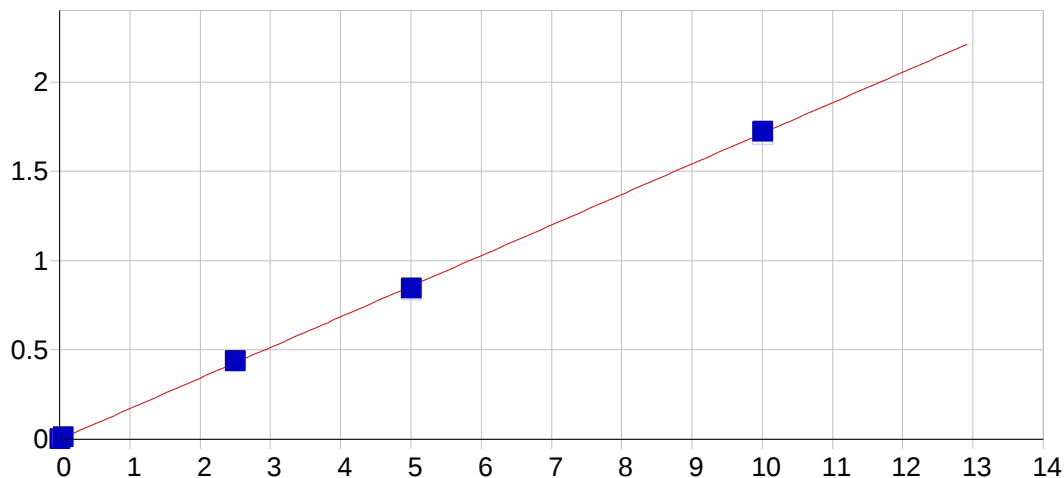
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000192 Re-Slope: 1.000000
 A1 (Gain): 0.069988 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.000020
 Predicted MDL: 0.002632
 Predicted MQL: 0.008772

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.02000	.02187	.002	9.35	.00134	.000	1
S3	2.5000	2.5375	.038	1.50	.17737	.000	1
S4	5.0000	4.9150	-.085	-1.70	.34372	.001	1
S5	10.000	10.046	.046	.456	.70273	.002	1



Sb 206.833 {463}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

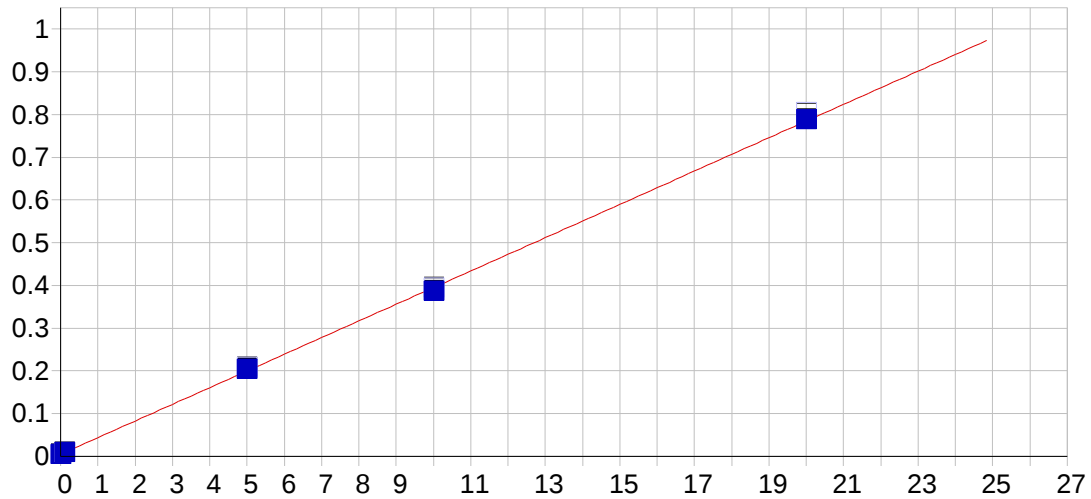
Weighting: 1/Conc

A0 (Offset): 0.000543
 A1 (Gain): 0.171205
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.000076
 Predicted MDL: 0.001404
 Predicted MQL: 0.004679

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	.00054	.000	1
S1	.05000	.05093	.001	1.86	.00905	.000	1
S3	2.5000	2.5443	.044	1.77	.43133	.000	1
S4	5.0000	4.9164	-.084	-1.67	.83263	.002	1
S5	10.000	10.038	.038	.384	1.6999	.002	1

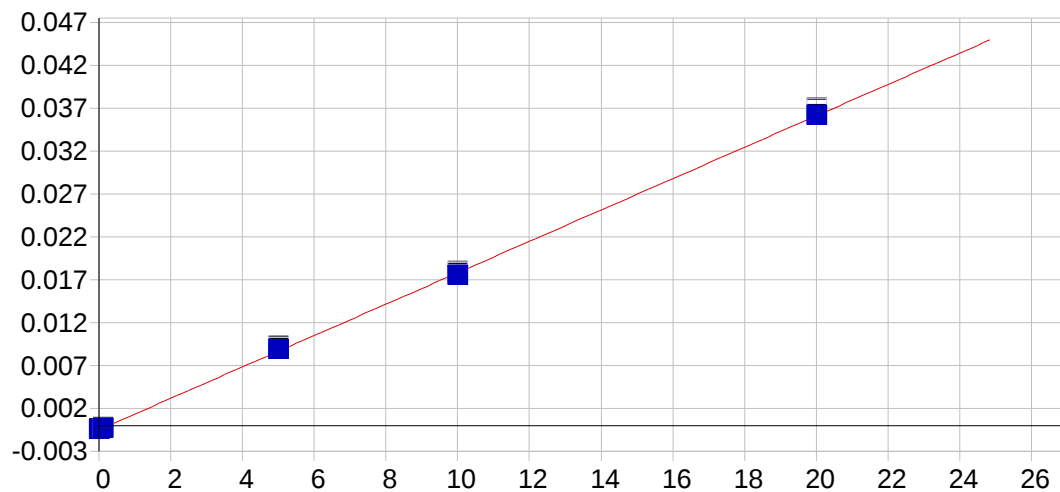


AI 308.215 {109}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004994 Re-Slope: 1.000000
 A1 (Gain): 0.038990 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.002604
 Predicted MQL: 0.008680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00499	.000	1
S1	.10000	.10330	.003	3.30	.00929	.000	1
S3	5.0000	5.1127	.113	2.25	.20822	.000	1
S4	10.000	9.7953	-.205	-2.05	.39467	.001	1
S5	20.000	20.089	.089	.443	.80377	.001	1



AI 309.271 {109}

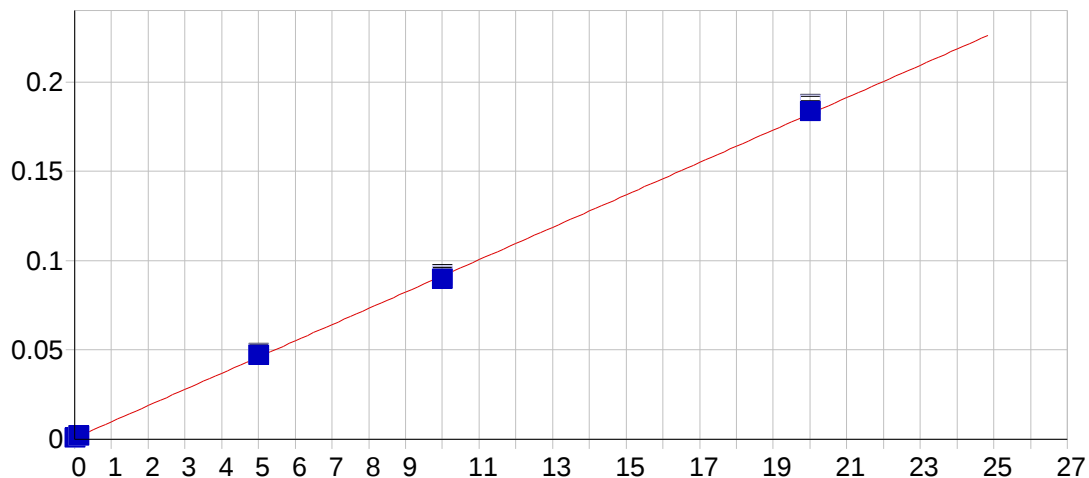
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000486 Re-Slope: 1.000000
 A1 (Gain): 0.001829 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000002
 Predicted MDL: 0.033270
 Predicted MQL: 0.110900

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.10000	.10037	.000	.368	-.00029	.000	1
S3	5.0000	5.1201	.120	2.40	.00906	.000	1
S4	10.000	9.8326	-.167	-1.67	.01786	.000	1
S5	20.000	20.047	.047	.235	.03691	.000	1



AI 396.152 { 85}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

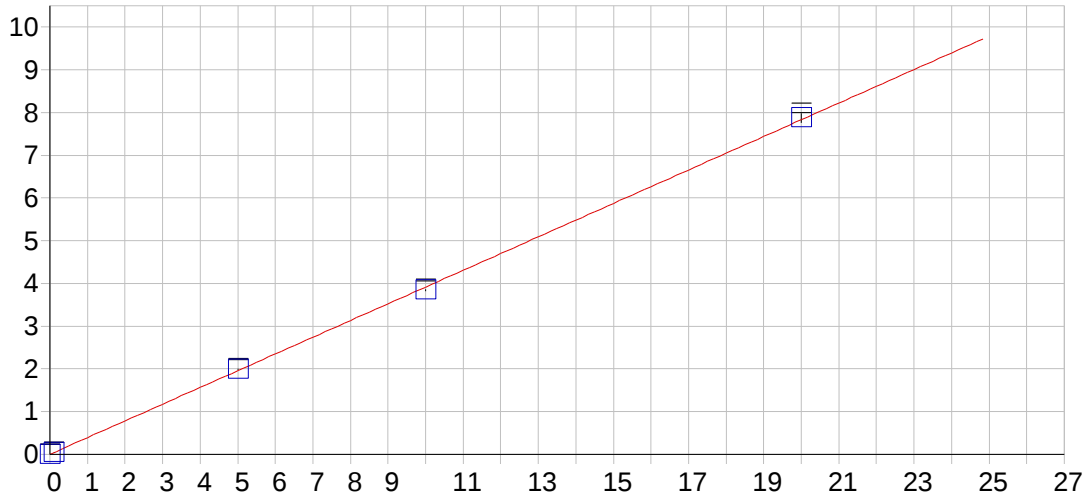
Weighting: 1/Conc

A0 (Offset): 0.000703
 A1 (Gain): 0.009072
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904
 Std Error of Est: 0.000010
 Predicted MDL: 0.011498
 Predicted MQL: 0.038326

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	.00070	.000	1
S1	.10000	.10169	.002	1.69	.00169	.000	1
S3	5.0000	5.0882	.088	1.76	.04777	.000	1
S4	10.000	9.7839	-.216	-2.16	.09127	.001	1
S5	20.000	20.126	.126	.630	.18691	.001	1

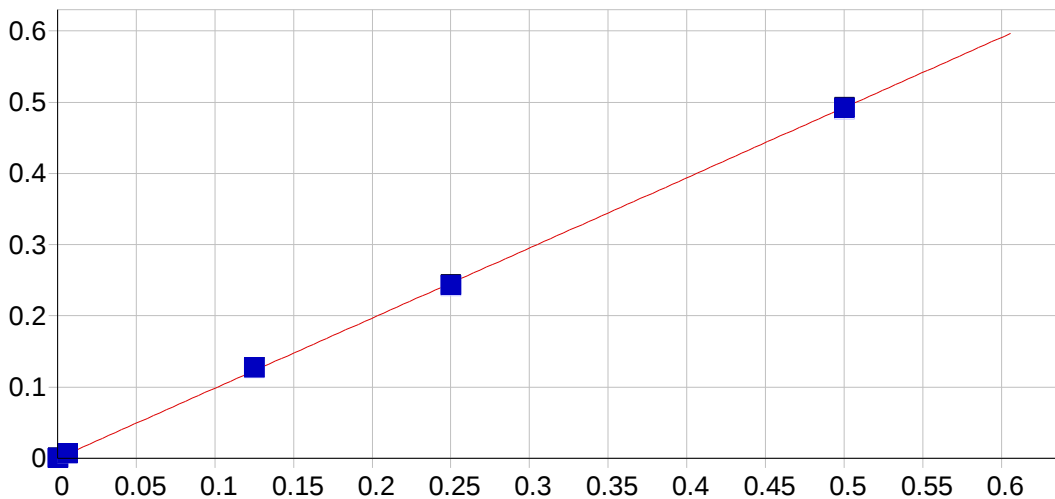


Ba 493.409 { 68}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001211 Re-Slope: 1.000000
 A1 (Gain): 0.391527 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000375
 Predicted MDL: 0.000522
 Predicted MQL: 0.001739

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00121	.000	1
S1	.10000	.10141	.001	1.41	.04092	.000	1
S3	5.0000	5.0828	.083	1.66	1.9913	.013	1
S5	20.000	20.105	.105	.523	7.8727	.112	1
S4	10.000	9.8111	-.189	-1.89	3.8425	.016	1



Be 234.861 {144}

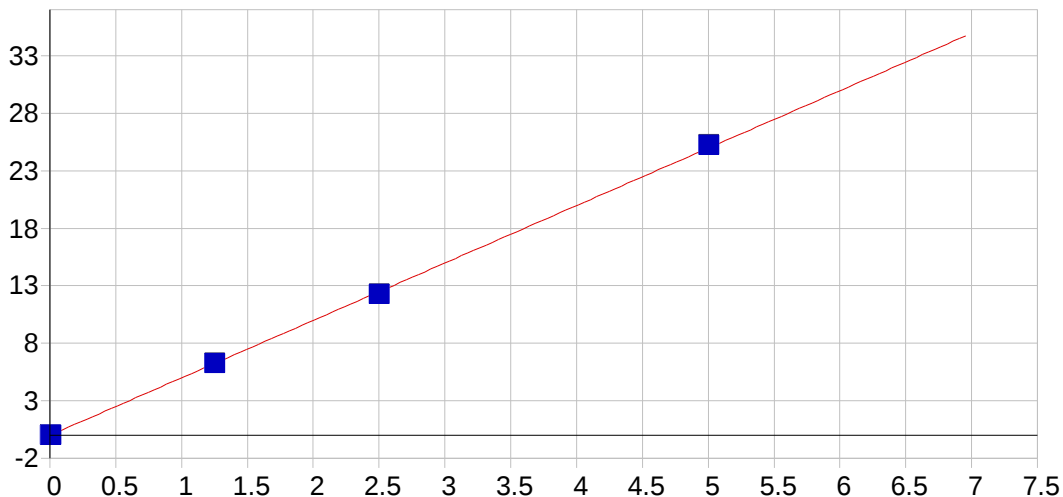
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000120 Re-Slope: 1.000000
 A1 (Gain): 0.984444 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000039
 Predicted MDL: 0.000068
 Predicted MQL: 0.000227

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.00600	.00613	.000	2.13	.00609	.000	1
S3	.12500	.12869	.004	2.95	.12603	.000	1
S4	.25000	.24651	-.003	-1.40	.24125	.001	1
S5	.50000	.49967	-.000	-.065	.48892	.001	1



Cd 226.502 {449}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

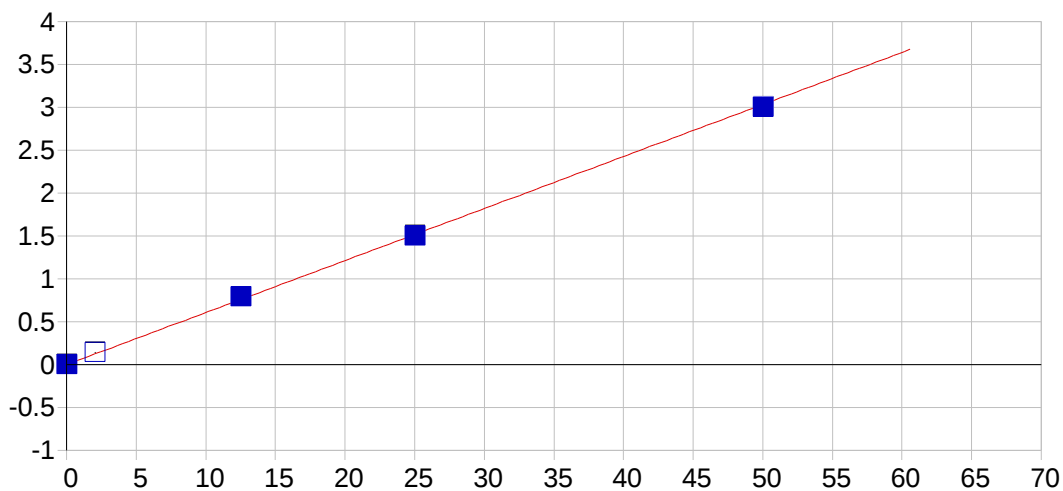
Weighting: 1/Conc

A0 (Offset): -0.000362
 A1 (Gain): 4.992282
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000630
 Predicted MDL: 0.000063
 Predicted MQL: 0.000211

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	-.00036	.000	1
S1	.00600	.00576	-.000	-3.92	.02848	.000	1
S3	1.2500	1.2503	.000	.023	6.2428	.006	1
S4	2.5000	2.4485	-.051	-2.06	12.226	.009	1
S5	5.0000	5.0514	.051	1.03	25.223	.057	1

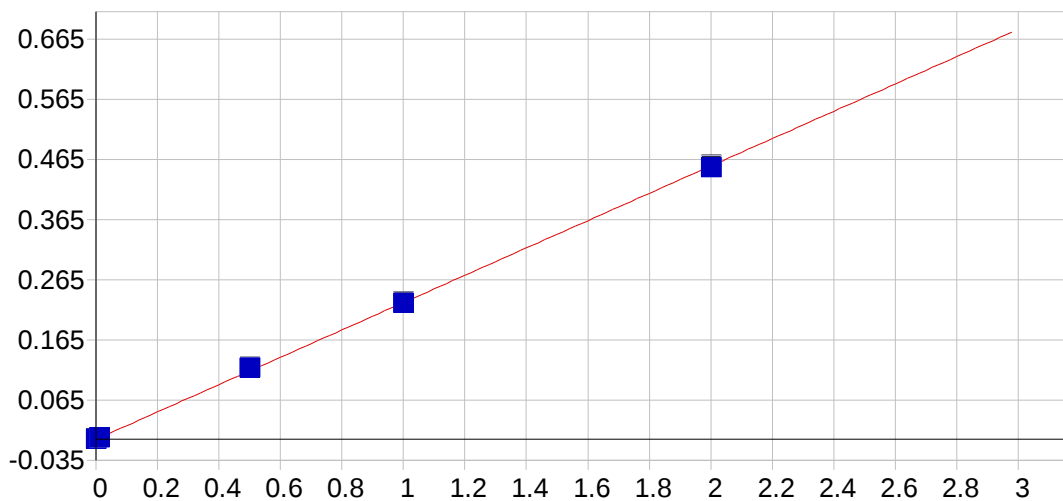


Ca 373.690 { 90}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.060668 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999534 Status: OK.
 Std Error of Est: 0.001012
 Predicted MDL: 0.014170
 Predicted MQL: 0.047234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3320	.332	16.6	.14147	.002	1
S0	.00000	-.00036	-.000	.000	-.00003	.001	1
S3	12.500	12.989	.489	3.91	.78843	.001	1
S4	25.000	24.669	-.331	-1.33	1.4974	.007	1
S5	50.000	49.510	-.490	-.979	3.0053	.002	1



Cr 267.716 {126}

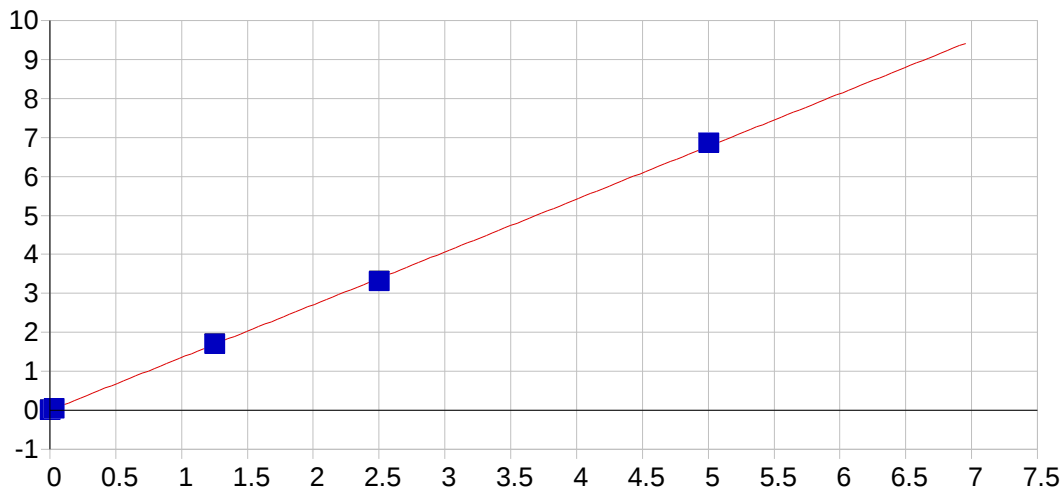
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.227101 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000029
 Predicted MDL: 0.000408
 Predicted MQL: 0.001361

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.01000	.01014	.000	1.44	.00222	.000	1
S3	.50000	.52026	.020	4.05	.11895	.000	1
S4	1.0000	.99542	-.005	-.458	.22775	.000	1
S5	2.0000	1.9842	-.016	-.792	.45408	.001	1



Co 228.616 {447}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

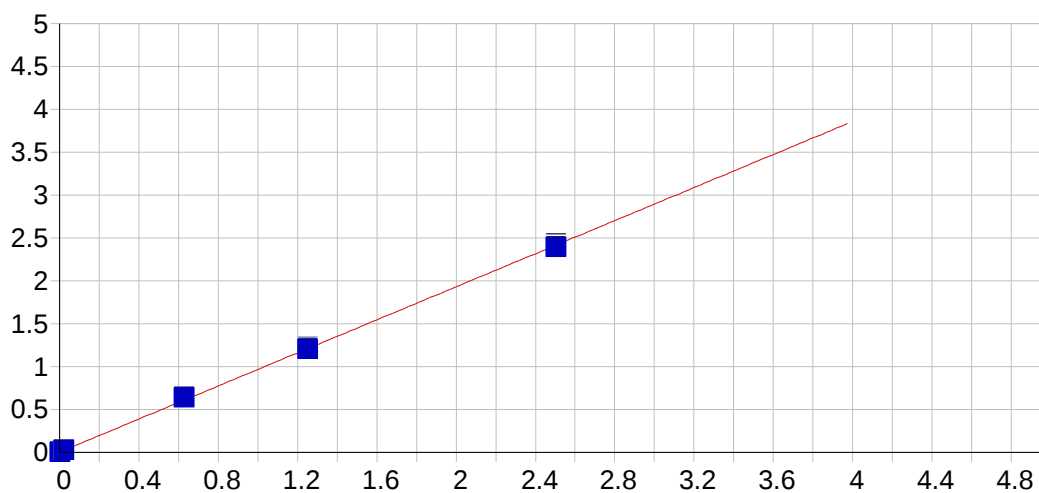
Weighting: 1/Conc

A0 (Offset): -0.000415
 A1 (Gain): 1.354112
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000465
 Predicted MDL: 0.000198
 Predicted MQL: 0.000660

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	-.00041	.000	1
S1	.03000	.02820	-.002	-6.00	.03750	.000	1
S3	1.2500	1.2531	.003	.250	1.6978	.002	1
S4	2.5000	2.4384	-.062	-2.46	3.3041	.003	1
S5	5.0000	5.0603	.060	1.21	6.8571	.009	1

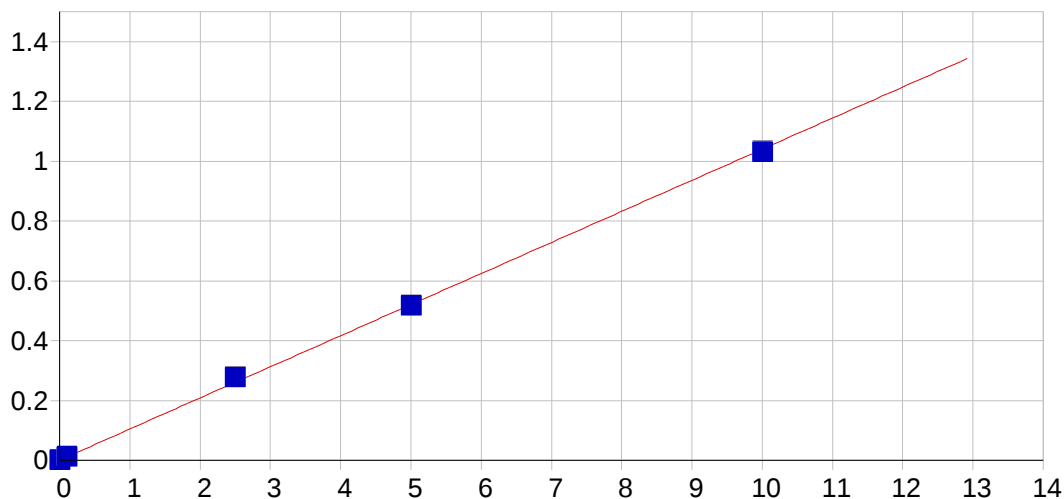


Cu 224.700 {450}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003059 Re-Slope: 1.000000
 A1 (Gain): 0.963972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.000350
 Predicted MQL: 0.001167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00306	.000	1
S1	.02000	.02169	.002	8.45	.02427	.000	1
S3	.62500	.65514	.030	4.82	.64433	.001	1
S4	1.2500	1.2425	-.008	-.603	1.2202	.001	1
S5	2.5000	2.4757	-.024	-.972	2.4285	.005	1



Fe 240.488 {140}

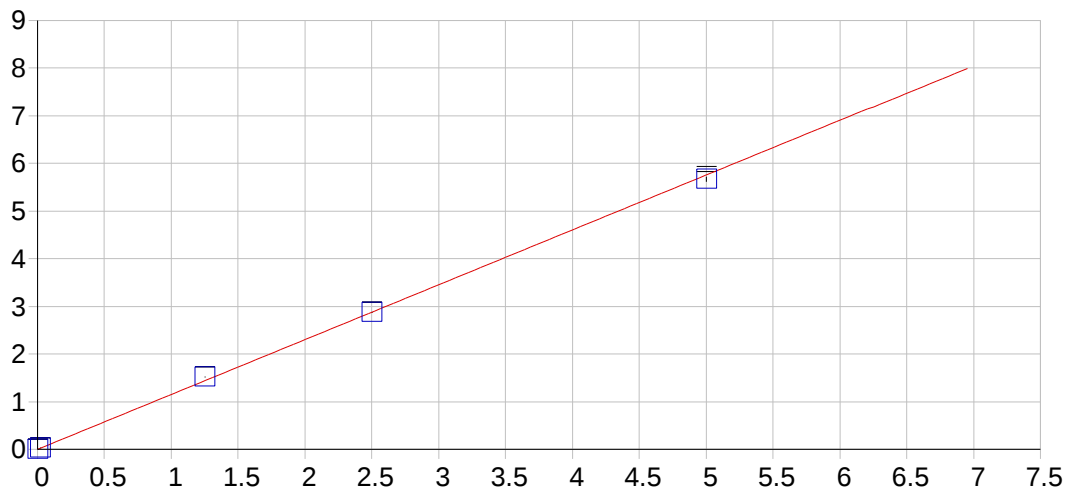
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000858 Re-Slope: 1.000000
 A1 (Gain): 0.103933 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999686
 Std Error of Est: 0.000142
 Predicted MDL: 0.000687
 Predicted MQL: 0.002291

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00086	.000	1
S1	.10000	.10453	.005	4.53	.01177	.000	1
S3	2.5000	2.6524	.152	6.09	.27749	.000	1
S4	5.0000	4.9539	-.046	-.923	.51767	.001	1
S5	10.000	9.8892	-.111	-1.11	1.0326	.001	1



Mn 257.610 {131}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

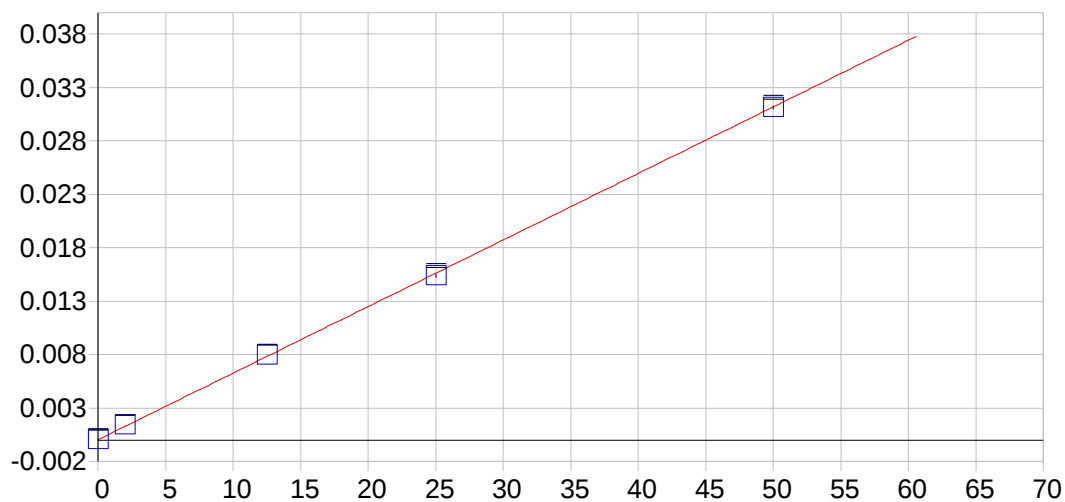
Weighting: 1/Conc

A0 (Offset): 0.000227
 A1 (Gain): 1.150271
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731
 Std Error of Est: 0.000456
 Predicted MDL: 0.000068
 Predicted MQL: 0.000228

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	.00022	.000	1
S1	.02000	.02177	.002	8.83	.02526	.000	1
S3	1.2500	1.3169	.067	5.35	1.5150	.000	1
S4	2.5000	2.5015	.001	.059	2.8776	.003	1
S5	5.0000	4.9299	-.070	-1.40	5.6709	.052	1

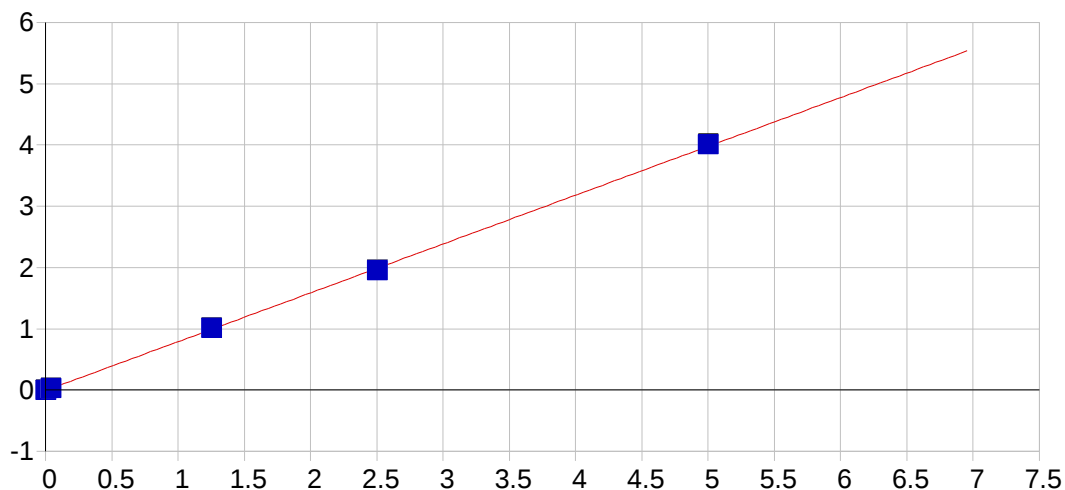


Mg 279.079 {121}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.000623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.049199
 Predicted MQL: 0.163996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1985	.199	9.93	.00140	.000	1
S0	.00000	-.00020	-.000	.000	.00003	.000	1
S3	12.500	12.742	.242	1.93	.00797	.000	1
S4	25.000	24.627	-.373	-1.49	.01538	.000	1
S5	50.000	49.933	-.067	-.134	.03114	.000	1



Ni 231.604 {445}

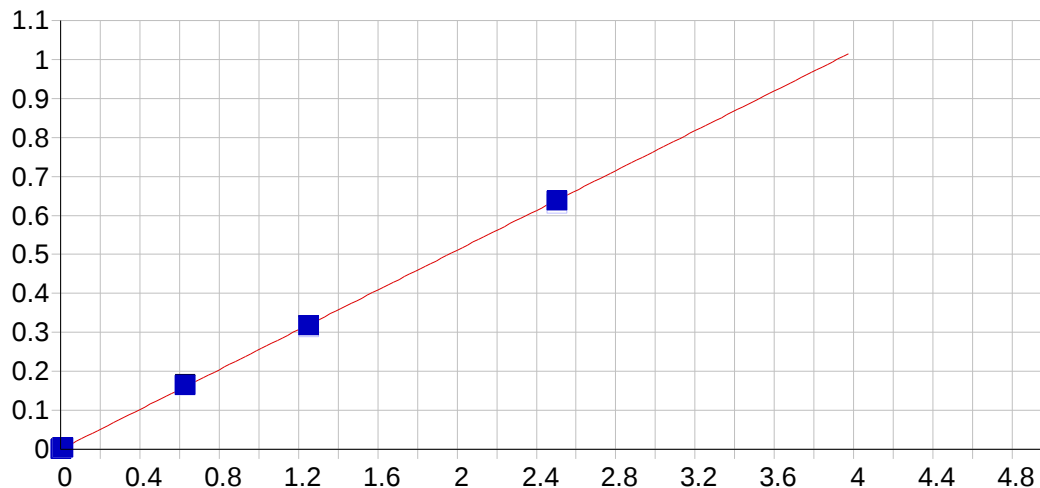
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007330 Re-Slope: 1.000000
 A1 (Gain): 0.797151 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000234
 Predicted MDL: 0.000356
 Predicted MQL: 0.001185

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00733	.000	1
S1	.04000	.03886	-.001	-2.85	.02366	.000	1
S3	1.2500	1.2690	.019	1.52	1.0053	.001	1
S4	2.5000	2.4548	-.045	-1.81	1.9517	.003	1
S5	5.0000	5.0274	.027	.548	4.0046	.008	1



Ag 328.068 {103}

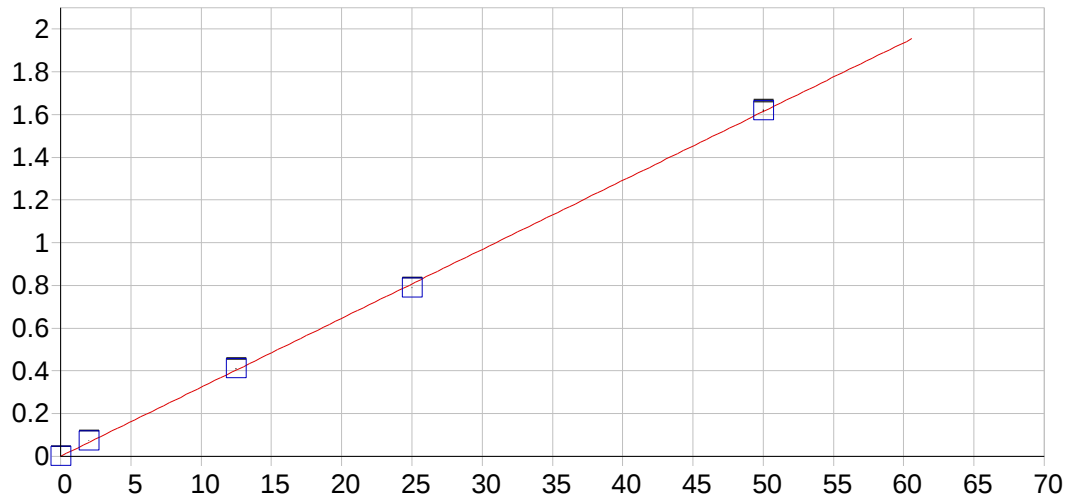
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000181
 A1 (Gain): 0.255268
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000029
 Predicted MDL: 0.000546
 Predicted MQL: 0.001820

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.01000	.01054	.001	5.42	.00282	.000	1
S3	.62500	.64462	.020	3.14	.16292	.000	1
S4	1.2500	1.2374	-.013	-1.01	.31242	.001	1
S5	2.5000	2.4924	-.008	-.303	.62916	.001	1

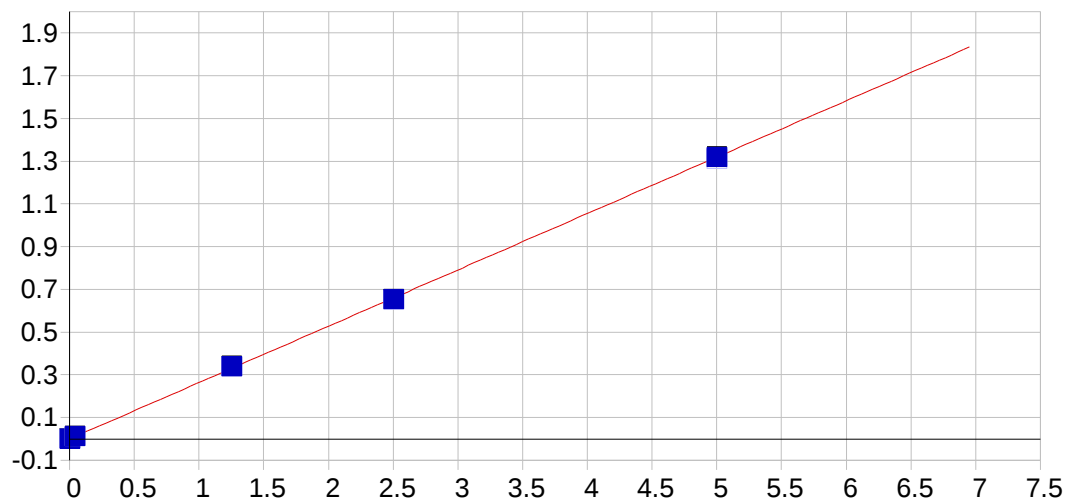


Na 589.592 { 57}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000923 Re-Slope: 1.000000
 A1 (Gain): 0.032262 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.000403
 Predicted MDL: 0.008246
 Predicted MQL: 0.027485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2448	.245	12.2	.07335	.000	1
S0	.00000	-.00024	-.000	.000	.00092	.000	1
S3	12.500	12.696	.196	1.56	.41051	.003	1
S4	25.000	24.421	-.579	-2.32	.78881	.002	1
S5	50.000	50.138	.138	.277	1.6185	.006	1



V 292.402 {115}

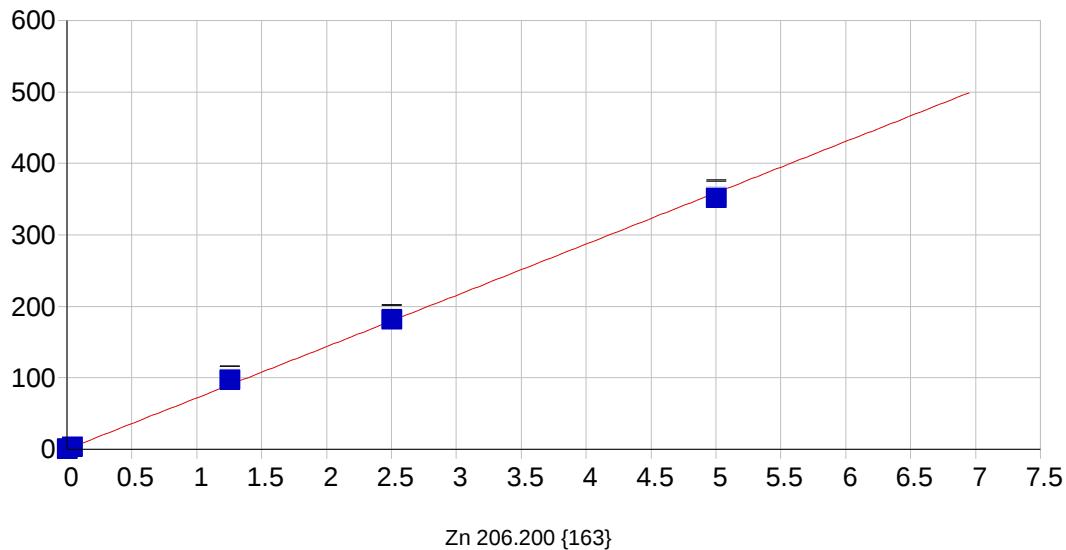
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.263840 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000077
 Predicted MDL: 0.000407
 Predicted MQL: 0.001358

Status: OK.

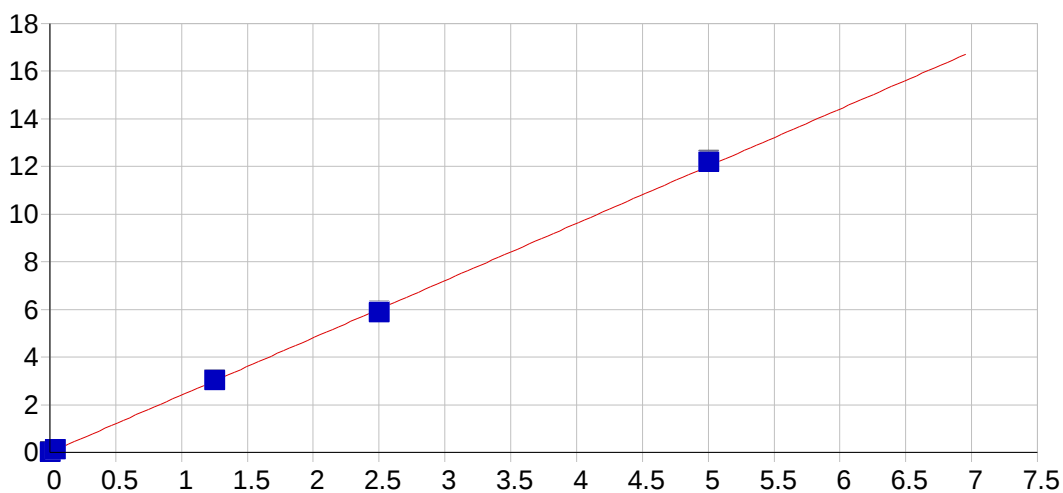
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.04000	.03956	-.000	-1.09	.01013	.000	1
S3	1.2500	1.2847	.035	2.78	.33665	.000	1
S4	2.5000	2.4724	-.028	-1.11	.64785	.000	1
S5	5.0000	4.9934	-.007	-.132	1.3087	.002	1



Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.148960 Re-Slope: 1.000000
 A1 (Gain): 71.753032 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999432 Status: OK.
 Std Error of Est: 0.058911
 Predicted MDL: 0.000425
 Predicted MQL: 0.001418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.14869	.041	1
S1	.04000	.04141	.001	3.52	3.1389	.107	1
S3	1.2500	1.3463	.096	7.70	97.290	4.97	1
S4	2.5000	2.5155	.015	.620	181.73	6.55	1
S5	5.0000	4.8868	-.113	-2.26	352.96	9.88	1

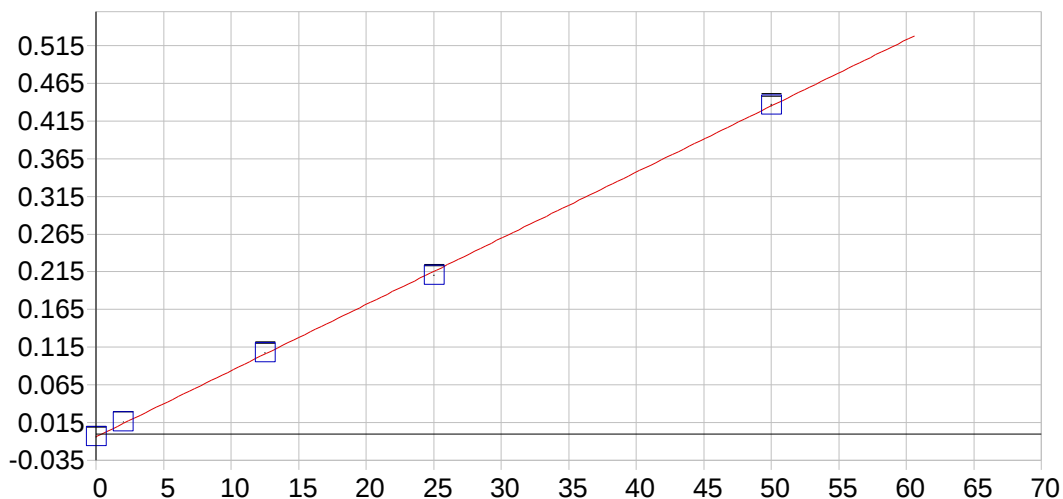


Zn 213.856 {458}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003149 Re-Slope: 1.000000
 A1 (Gain): 2.402128 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000934
 Predicted MDL: 0.000085
 Predicted MQL: 0.000283

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00316	.000	1
S1	.04000	.03787	-.002	-5.32	.09479	.000	1
S3	1.2500	1.2513	.001	.106	3.0281	.008	1
S4	2.5000	2.4403	-.060	-2.39	5.9034	.003	1
S5	5.0000	5.0605	.060	1.21	12.236	.020	1



K 766.490 {44}

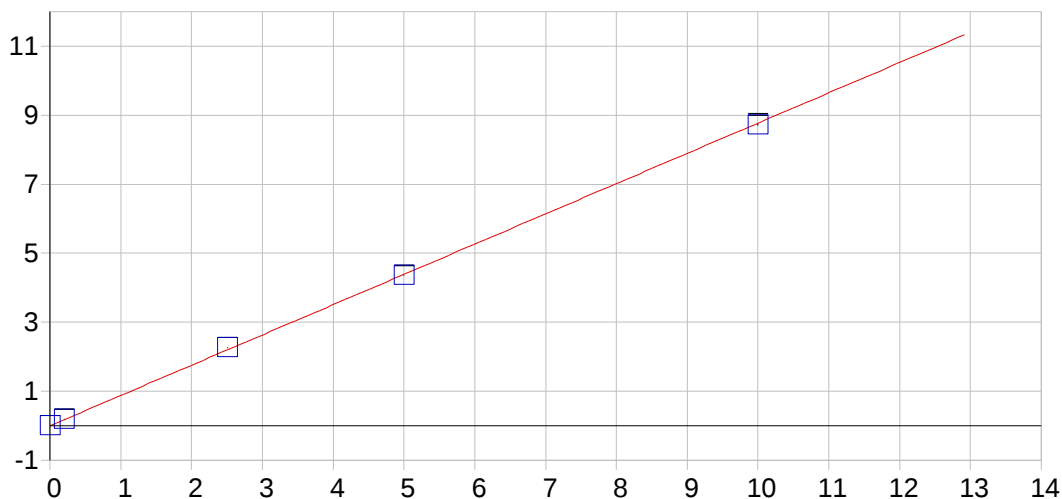
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003940 Re-Slope: 1.000000
 A1 (Gain): 0.008775 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750
 Std Error of Est: 0.000107
 Predicted MDL: 0.034734
 Predicted MQL: 0.115780

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2334	.233	11.7	.01566	.000	1
S0	.00000	-.00023	-.000	.000	-.00394	.000	1
S3	12.500	12.711	.211	1.69	.10761	.001	1
S4	25.000	24.419	-.581	-2.33	.21034	.001	1
S5	50.000	50.136	.136	.273	.43602	.002	1



Mo 202.030 {467}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

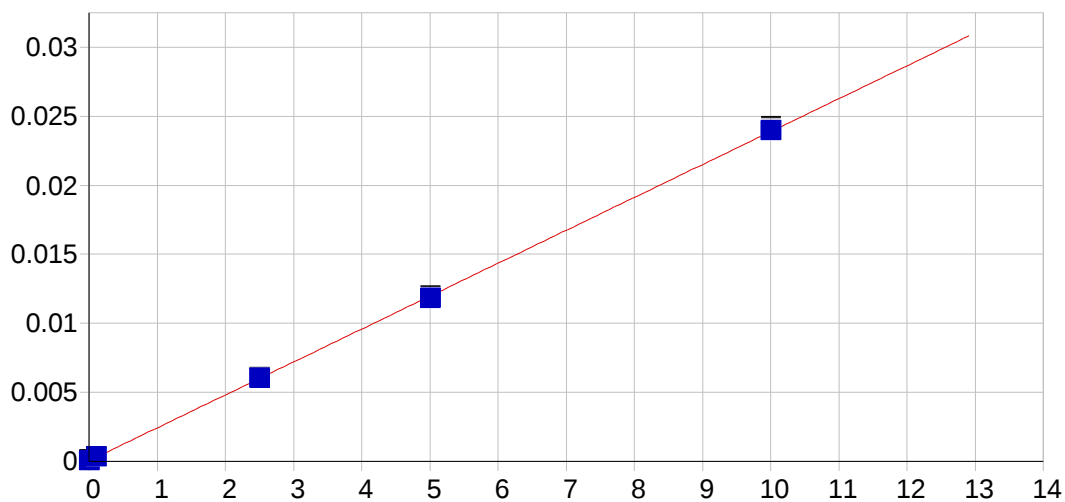
Weighting: 1/Conc

A0 (Offset): -0.000041
 A1 (Gain): 0.877266
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000963
 Predicted MDL: 0.000246
 Predicted MQL: 0.000818

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	-.00005	.000	1
S1	.20000	.20782	.008	3.91	.18227	.000	1
S3	2.5000	2.5830	.083	3.32	2.2659	.002	1
S4	5.0000	4.9640	-.036	-.721	4.3547	.006	1
S5	10.000	9.9452	-.055	-.548	8.7246	.023	1

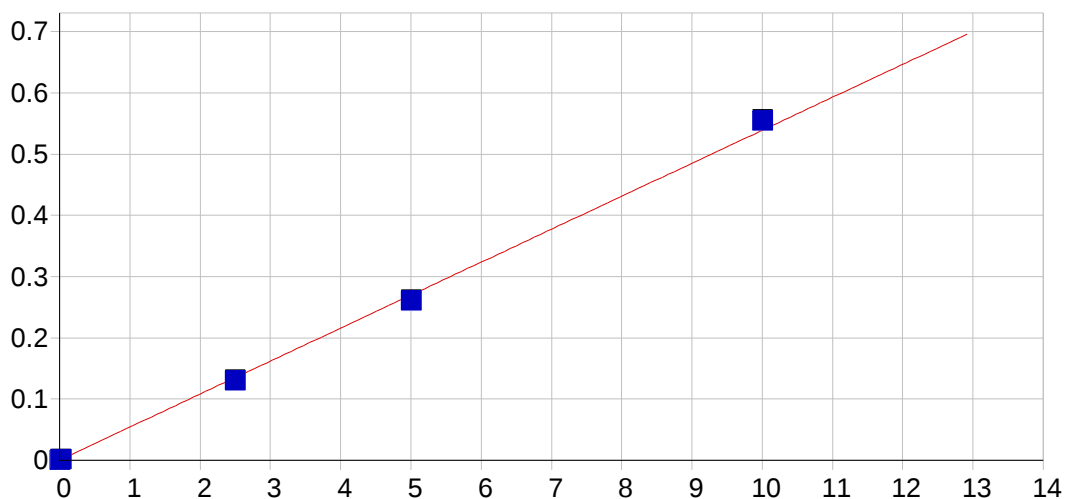


B 249.678 {135}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.002384 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011758
 Predicted MQL: 0.039192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00005	.000	1
S1	.10000	.11260	.013	12.6	.00031	.000	1
S3	2.5000	2.5074	.007	.297	.00601	.000	1
S4	5.0000	4.9396	-.060	-1.21	.01179	.000	1
S5	10.000	10.040	.040	.404	.02393	.000	1



S 182.034 {485}

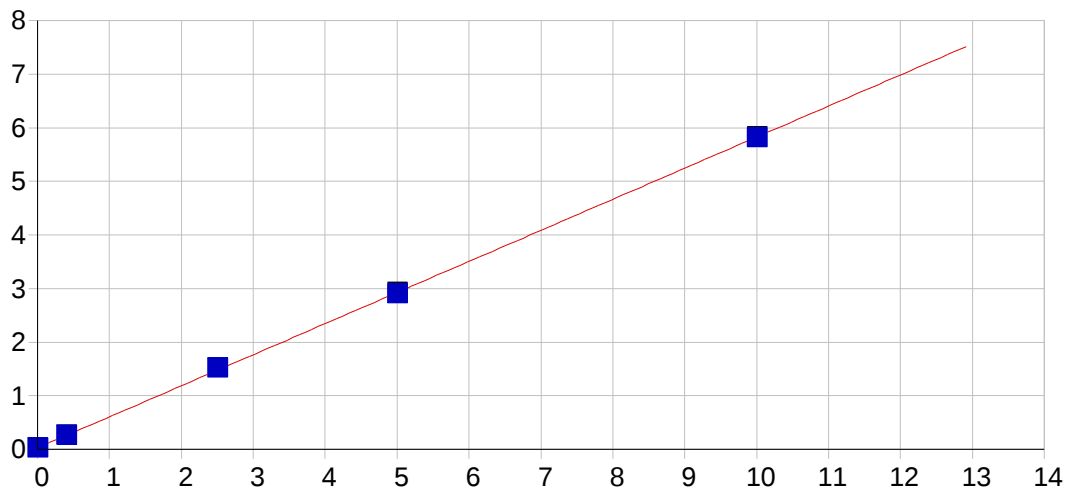
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000495 Re-Slope: 1.000000
 A1 (Gain): 0.053840 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999470
 Std Error of Est: 0.000042
 Predicted MDL: 0.002587
 Predicted MQL: 0.008625

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.02000	.01752	-.002	-12.4	.00141	.000	1
S3	2.5000	2.4055	-.094	-3.78	.12986	.000	1
S4	5.0000	4.8160	-.184	-3.68	.25948	.001	1
S5	10.000	10.281	.281	2.81	.55341	.001	1



Si 288.158 {117}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

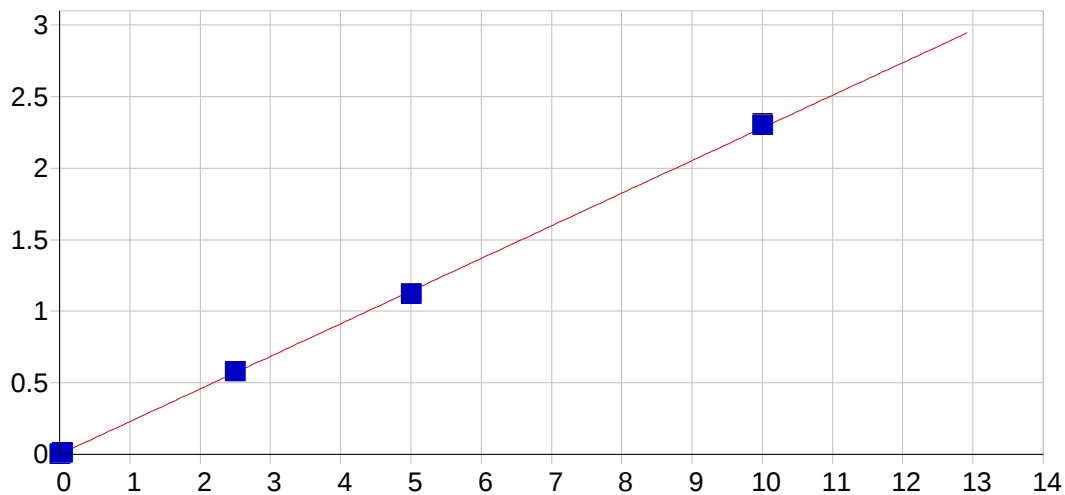
Weighting: 1/Conc

A0 (Offset): 0.025077
 A1 (Gain): 0.579949
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000724
 Predicted MDL: 0.002104
 Predicted MQL: 0.007014

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	.02507	.002	1
S1	.40000	.40550	.005	1.37	.26005	.001	1
S3	2.5000	2.5667	.067	2.67	1.5129	.009	1
S4	5.0000	4.9546	-.045	-.908	2.8970	.026	1
S5	10.000	9.9732	-.027	-.268	5.8059	.020	1

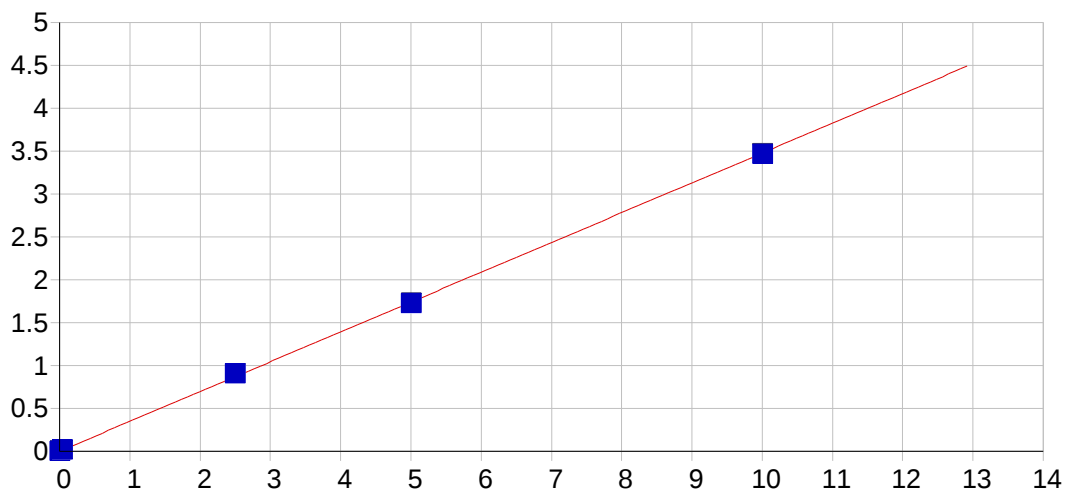


Sn 189.989 {477}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001220 Re-Slope: 1.000000
 A1 (Gain): 0.228033 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000615
 Predicted MQL: 0.002051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00122	.000	1
S1	.04000	.03853	-.001	-3.67	.01001	.000	1
S3	2.5000	2.5190	.019	.761	.57574	.001	1
S4	5.0000	4.9009	-.099	-1.98	1.1190	.003	1
S5	10.000	10.082	.082	.815	2.3005	.006	1



Ti 336.121 {100}

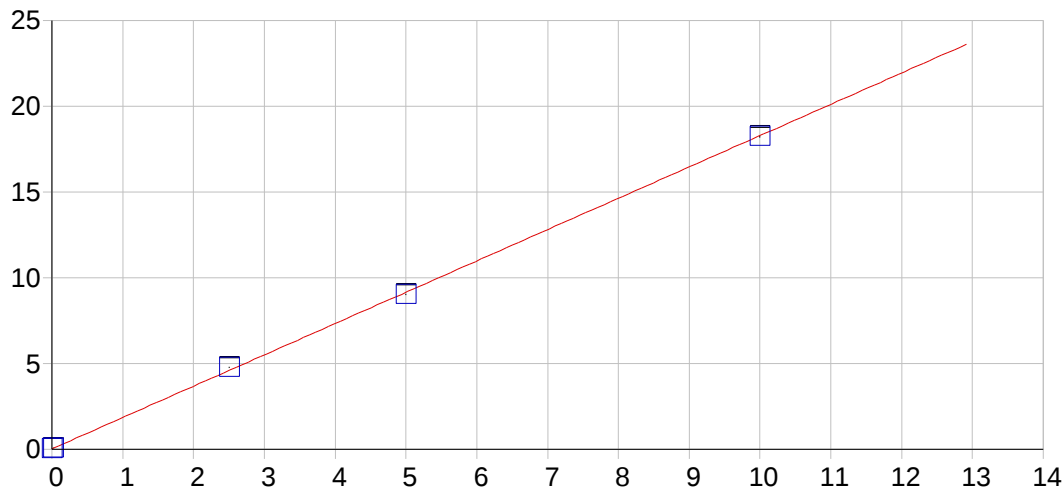
Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001754 Re-Slope: 1.000000
 A1 (Gain): 0.347555 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000184
 Predicted MDL: 0.001758
 Predicted MQL: 0.005859

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00175	.001	1
S1	.04000	.04188	.002	4.71	.01630	.001	1
S3	2.5000	2.5914	.091	3.66	.90229	.003	1
S4	5.0000	4.9443	-.056	-1.11	1.7199	.003	1
S5	10.000	9.9624	-.038	-.376	3.4638	.007	1



Li 670.784 { 50}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

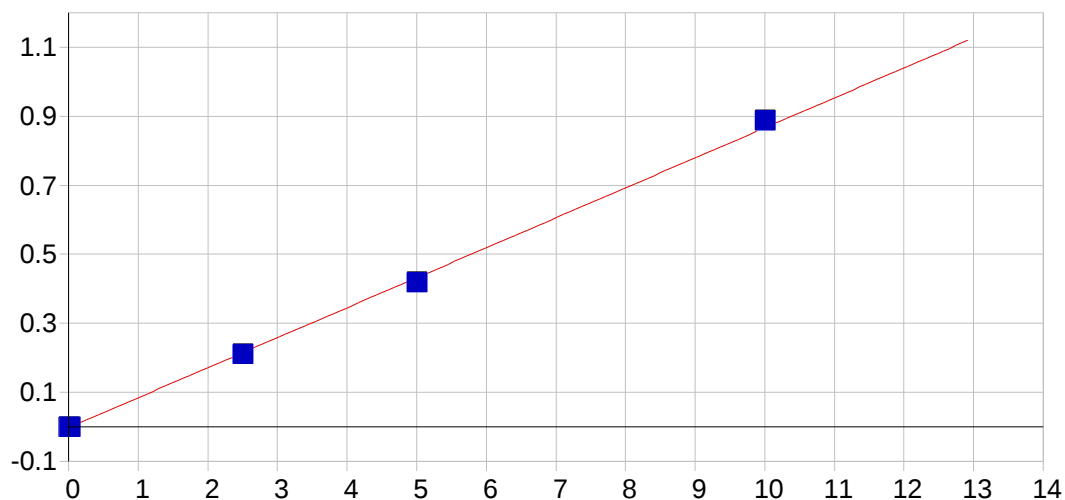
Weighting: 1/Conc

A0 (Offset): 0.026717
 A1 (Gain): 1.826252
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867
 Std Error of Est: 0.000719
 Predicted MDL: 0.001611
 Predicted MQL: 0.005370

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	.02671	.002	1
S1	.02000	.02102	.001	5.09	.06510	.002	1
S3	2.5000	2.5957	.096	3.83	4.7671	.028	1
S4	5.0000	4.9357	-.064	-1.29	9.0405	.043	1
S5	10.000	9.9676	-.032	-.324	18.230	.052	1



P 177.495 {490}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002376 Re-Slope: 1.000000
 A1 (Gain): 0.086883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999656 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.001559
 Predicted MQL: 0.005196

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00238	.000	1
S1	.02000	.01812	-.002	-9.38	-.00081	.000	1
S3	2.5000	2.4351	-.065	-2.60	.20888	.000	1
S4	5.0000	4.8409	-.159	-3.18	.41759	.001	1
S5	10.000	10.226	.226	2.26	.88482	.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

Status: Warning Zero Gain

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

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

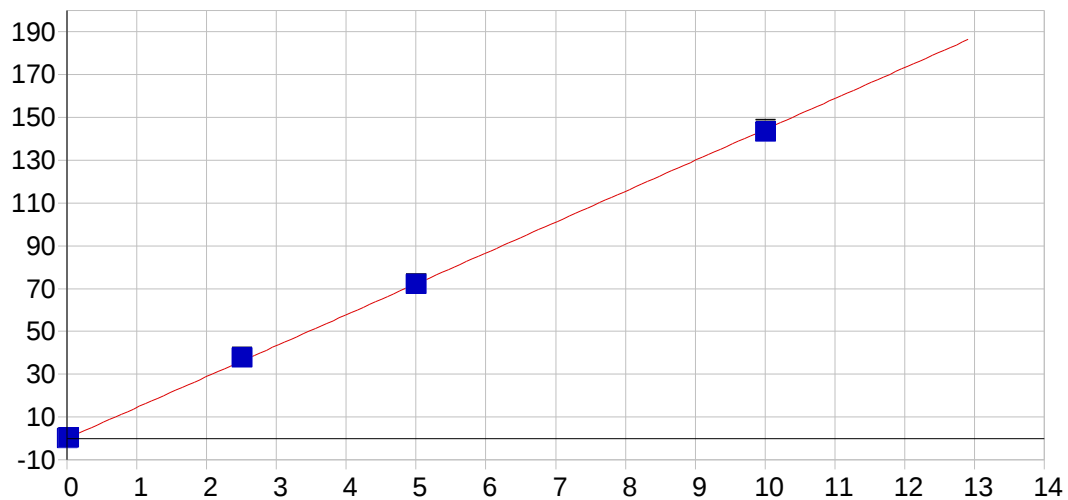
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 5/30/2019 12:24:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005021

Re-Slope: 1.000000

A1 (Gain): 14.440257

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999835

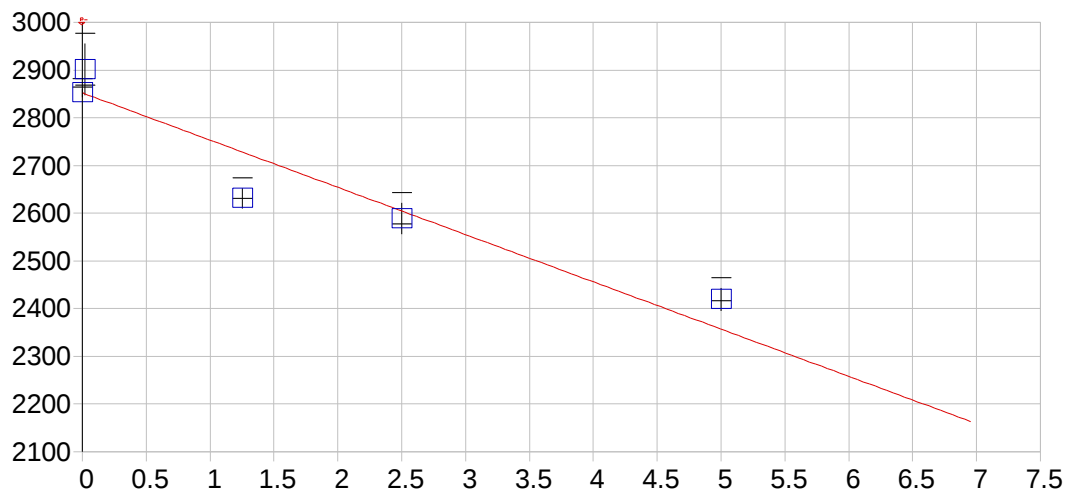
Status: OK.

Std Error of Est: 0.006337

Predicted MDL: 0.000083

Predicted MQL: 0.000278

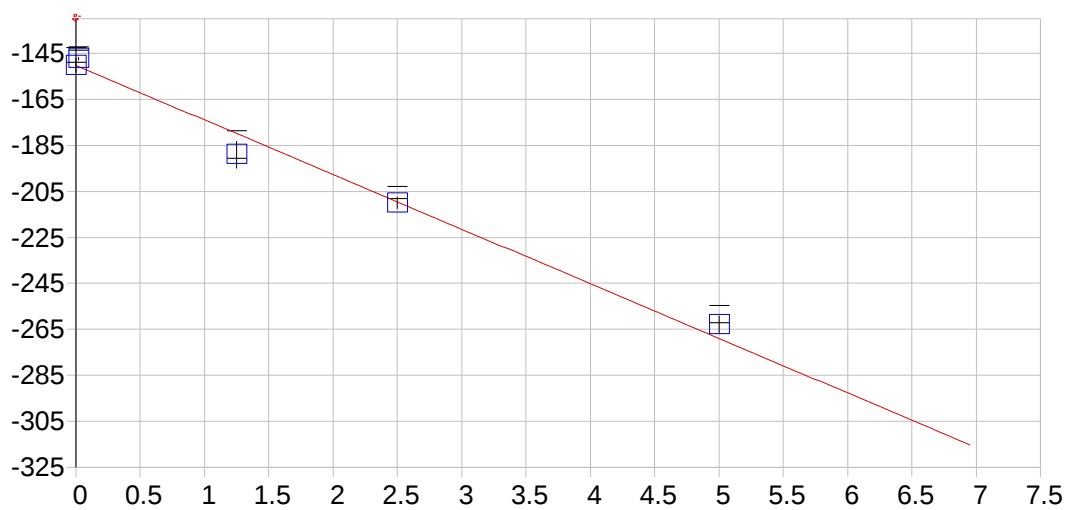
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00504	.001	1
S1	.02000	.02068	.001	3.39	.29516	.002	1
S3	2.5000	2.6105	.110	4.42	37.731	.110	1
S4	5.0000	4.9765	-.024	-.471	71.936	.413	1
S5	10.000	9.9124	-.088	-.876	143.29	.936	1



Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2852.235200 Re-Slope: 1.000000
A1 (Gain): -99.029605 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.617927 Status: Warning Negative Gain
Std Error of Est: 2.153222
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.001	.000	2852.2	8.47	1
S1	.02000	-.49636	-.516	-2580.	2901.4	54.8	1
S3	1.2500	2.2276	.978	78.2	2631.6	21.5	1
S4	2.5000	2.6646	.165	6.59	2588.4	33.0	1
S5	5.0000	4.3741	-.626	-12.5	2419.1	24.1	1



U 385.958 { 87}

Date of Fit: 5/30/2019 12:24:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -150.269859 Re-Slope: 1.000000

A1 (Gain): -23.729390 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.938625

Status: Warning Negative Gain

Std Error of Est: 0.149020

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	-150.27	3.17	1
S1	.02000	-.12507	-.145	-725.	-147.30	.709	1
S3	1.2500	1.6338	.384	30.7	-189.04	5.99	1
S4	2.5000	2.5177	.018	.706	-210.01	2.64	1
S5	5.0000	4.7436	-.256	-5.13	-262.83	3.74	1

Sample Name: S0 Acquired: 5/30/2019 11:59:21 Type: Cal
Method: P4-ICP2(v3158) 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	-.00037	.00024	.00224	-.00019	.00054	.00070	.00121	.00012
Stddev	.00010	.00008	.00027	.00015	.00010	.00005	.00019	.00008
%RSD	28.386	33.943	12.100	76.042	18.690	7.5725	15.920	69.161
#1	-.00031	.00028	.00244	-.00006	.00043	.00064	.00133	.00022
#2	-.00049	.00030	.00193	-.00017	.00061	.00072	.00132	.00007
#3	-.00031	.00015	.00235	-.00035	.00059	.00075	.00099	.00007
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	-.00036	-.00003	-.00009	-.00041	.00306	.00086	.00022	.00003
Stddev	.00019	.00123	.00000	.00020	.00007	.00003	.00004	.00004
%RSD	52.690	4133.5	2.0181	48.933	2.2039	3.6576	15.864	136.37
#1	-.00019	.00130	-.00009	-.00051	.00313	.00089	.00022	.00007
#2	-.00056	-.00028	-.00009	-.00055	.00300	.00086	.00026	.00003
#3	-.00033	-.00111	-.00010	-.00018	.00304	.00083	.00019	-.00001
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	-.00733	.00018	.00092	-.00015	.00316	-.00394	-.00005	.00005
Stddev	.00022	.00007	.00039	.00005	.00024	.00009	.00017	.00003
%RSD	2.9853	37.741	42.295	33.753	7.5198	2.3081	322.22	66.771
#1	-.00726	.00018	.00054	-.00017	.00338	-.00385	-.00017	.00001
#2	-.00715	.00011	.00088	-.00018	.00319	-.00403	.00014	.00007
#3	-.00757	.00025	.00132	-.00009	.00290	-.00395	-.00012	.00006
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	.00050	.02507	.00122	.00175	.02671	-.0024	-.00504	2852.2
Stddev	.00005	.00167	.00006	.00054	.00241	.0001	.00076	8.5
%RSD	10.138	6.6719	4.9113	30.841	9.0042	3.137	15.108	.29694
#1	.00045	.02469	.00127	.00183	.02594	-.0024	-.00416	2842.6
#2	.00055	.02362	.00124	.00225	.02479	-.0023	-.00543	2855.6
#3	.00049	.02690	.00115	.00118	.02941	-.0024	-.00552	2858.5

Sample Name: S0 Acquired: 5/30/2019 11:59:21 Type: Cal
Method: P4-ICP2(v3158) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-150.27
Stddev	3.17
%RSD	2.1088

#1	-147.72
#2	-153.82
#3	-149.28

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.3	44608.	3941.9	39.508	3746.2
Stddev	16.9	47.	10.3	.215	19.7
%RSD	.48854	.10620	.26207	.54527	.52475

#1	3452.2	44572.	3953.8	39.661	3731.0
#2	3485.1	44591.	3935.3	39.600	3768.4
#3	3461.5	44661.	3936.6	39.261	3739.2

Sample Name: S1 Acquired: 5/30/2019 12:03:47 Type: Cal
Method: P4-ICP2(v3158) 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	.00093	.00594	.00522	.00134	.00905	.00169	.04092	.00609
Stddev	.00010	.00006	.00008	.00012	.00012	.00007	.00028	.00004
%RSD	11.175	.93181	1.5743	8.6388	1.3560	4.4039	.67303	.71677

#1	.00103	.00591	.00522	.00131	.00891	.00174	.04086	.00610
#2	.00082	.00590	.00513	.00124	.00912	.00160	.04122	.00613
#3	.00094	.00601	.00530	.00147	.00912	.00172	.04067	.00604

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	.02848	.00222	.03750	.02427	.01177	.02526	.02366	.00282
Stddev	.00018	.00006	.00028	.00017	.00003	.00023	.00045	.00013
%RSD	.63556	2.7638	.73606	.68967	.27819	.90476	1.9070	4.7641

#1	.02864	.00228	.03761	.02408	.01181	.02501	.02325	.00295
#2	.02850	.00222	.03718	.02439	.01175	.02545	.02360	.00283
#3	.02828	.00216	.03770	.02433	.01176	.02534	.02414	.00268

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01013	.09479	.18227	.00031	.00141	.26005	.01001	.01630
Stddev	.00010	.00009	.00012	.00002	.00006	.00126	.00016	.00075
%RSD	.99595	.09268	.06646	7.3004	3.9406	.48483	1.5791	4.6258

#1	.01001	.09485	.18213	.00030	.00146	.26056	.00996	.01568
#2	.01021	.09469	.18236	.00034	.00135	.25862	.00988	.01609
#3	.01015	.09483	.18233	.00030	.00141	.26098	.01018	.01714

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06510	-.0008	.29516	2901.4	-147.30
Stddev	.00160	.0001	.00154	54.8	.71
%RSD	2.4634	15.05	.52271	1.8881	.48120

#1	.06351	-.0009	.29365	2921.9	-148.12
#2	.06672	-.0008	.29673	2942.9	-146.90
#3	.06507	-.0007	.29508	2839.3	-146.88

Sample Name: S1 Acquired: 5/30/2019 12:03:47 Type: Cal
Method: P4-ICP2(v3158) 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	3453.4	44522.	3916.6	39.979	3711.5
Stddev	4.1	159.	9.3	1.349	7.1
%RSD	.11894	.35669	.23715	3.3756	.19237
#1	3449.8	44518.	3909.8	39.468	3703.6
#2	3452.5	44365.	3927.2	38.959	3713.4
#3	3457.9	44682.	3912.9	41.509	3717.4

Sample Name: S2 Acquired: 5/30/2019 12:08:22 Type: Cal
Method: P4-ICP2(v3158) 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	.14147	.00140	.07335	.01566
Stddev	.00205	.00004	.00017	.00015
%RSD	1.4506	2.8348	.23827	.97837

#1	.13991	.00144	.07354	.01548
#2	.14380	.00137	.07321	.01577
#3	.14070	.00139	.07329	.01572

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	44738.	3918.6
Stddev	308.	4.9
%RSD	.68902	.12404

#1	44503.	3914.7
#2	44624.	3917.2
#3	45087.	3924.1

Sample Name: S3 Acquired: 5/30/2019 12:12:35 Type: Cal
Method: P4-ICP2(v3158) 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	.16716	.36214	.67392	.17737	.43133	.04777	1.9913	.12603
Stddev	.00042	.00142	.00174	.00042	.00025	.00040	.0135	.00027
%RSD	.25001	.39225	.25810	.23443	.05723	.82705	.67682	.21107

#1	.16693	.36237	.67380	.17738	.43139	.04740	1.9801	.12576
#2	.16764	.36344	.67571	.17778	.43106	.04773	1.9875	.12605
#3	.16690	.36062	.67224	.17694	.43154	.04818	2.0062	.12629

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.2428	.78843	.11895	1.6978	.64433	.27749	1.5150	.00797
Stddev	.0059	.00110	.00003	.0022	.00095	.00027	.0003	.00003
%RSD	.09411	.14014	.02237	.13244	.14809	.09771	.01724	.38420

#1	6.2405	.78968	.11893	1.6982	.64538	.27759	1.5149	.00796
#2	6.2495	.78799	.11898	1.6998	.64409	.27719	1.5148	.00795
#3	6.2385	.78760	.11894	1.6954	.64352	.27770	1.5153	.00800

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0053	.16292	.41051	.33665	3.0281	.10761	2.2659	.00601
Stddev	.0010	.00039	.00266	.00035	.0083	.00056	.0016	.00003
%RSD	.10095	.24057	.64733	.10448	.27430	.51762	.07043	.44712

#1	1.0046	.16276	.40809	.33654	3.0229	.10774	2.2651	.00598
#2	1.0065	.16336	.41009	.33637	3.0377	.10700	2.2678	.00604
#3	1.0049	.16263	.41336	.33704	3.0238	.10809	2.2649	.00601

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	.12986	1.5129	.57574	.90229	4.7671	.2089	37.731	2631.6
Stddev	.00031	.0086	.00092	.00305	.0279	.0000	.110	21.5
%RSD	.23813	.56771	.16022	.33841	.58593	.0156	.29143	.81819

#1	.13020	1.5179	.57533	.89977	4.7980	.2089	37.853	2614.0
#2	.12959	1.5178	.57680	.90568	4.7599	.2089	37.700	2625.3
#3	.12978	1.5030	.57510	.90141	4.7435	.2088	37.639	2655.6

Sample Name: S3 Acquired: 5/30/2019 12:12:35 Type: Cal
Method: P4-ICP2(v3158) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-189.04
Stddev	5.99
%RSD	3.1709

#1	-195.92
#2	-184.98
#3	-186.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3386.9	43739.	3915.7	37.833	3460.2
Stddev	8.0	103.	23.2	1.973	12.6
%RSD	.23550	.23506	.59362	5.2142	.36428

#1	3378.9	43856.	3895.9	39.896	3451.4
#2	3386.9	43699.	3910.0	37.638	3454.6
#3	3394.9	43663.	3941.3	35.966	3474.6

Sample Name: S4 Acquired: 5/30/2019 12:16:36 Type: Cal
Method: P4-ICP2(v3158) 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	.32598	.70139	1.3081	.34372	.83263	.09127	3.8425	.24125
Stddev	.00010	.00119	.0008	.00106	.00170	.00075	.0160	.00071
%RSD	.03122	.16923	.06301	.30950	.20366	.82689	.41569	.29509
#1	.32606	.70250	1.3081	.34486	.83454	.09132	3.8439	.24043
#2	.32602	.70154	1.3073	.34356	.83131	.09201	3.8578	.24171
#3	.32587	.70014	1.3089	.34275	.83202	.09050	3.8259	.24160
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	12.226	1.4974	.22775	3.3041	1.2202	.51767	2.8776	.01538
Stddev	.009	.0065	.00019	.0029	.0008	.00099	.0028	.00016
%RSD	.07401	.43539	.08485	.08706	.06512	.19149	.09598	1.0697
#1	12.225	1.4939	.22778	3.3012	1.2207	.51705	2.8745	.01536
#2	12.218	1.4934	.22793	3.3041	1.2193	.51881	2.8798	.01555
#3	12.236	1.5049	.22755	3.3070	1.2207	.51714	2.8786	.01522
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9517	.31242	.78881	.64785	5.9034	.21034	4.3547	.01179
Stddev	.0029	.00052	.00229	.00047	.0028	.00099	.0058	.00016
%RSD	.15083	.16503	.29039	.07186	.04704	.47218	.13376	1.3178
#1	1.9484	.31274	.78950	.64742	5.9039	.21092	4.3614	.01184
#2	1.9523	.31182	.79068	.64834	5.9059	.21090	4.3514	.01192
#3	1.9542	.31269	.78626	.64778	5.9004	.20919	4.3512	.01162
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	.25948	2.8970	1.1190	1.7199	9.0405	.4176	71.936	2588.4
Stddev	.00143	.0264	.0032	.0028	.0427	.0007	.413	33.0
%RSD	.55104	.90986	.28876	.16136	.47277	.1623	.57469	1.2740
#1	.25863	2.8781	1.1163	1.7217	9.0203	.4179	71.753	2626.4
#2	.26114	2.8857	1.1226	1.7167	9.0116	.4181	71.646	2569.2
#3	.25869	2.9271	1.1181	1.7214	9.0896	.4168	72.409	2569.4

Sample Name: S4 Acquired: 5/30/2019 12:16:36 Type: Cal
Method: P4-ICP2(v3158) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-210.01
Stddev	2.64
%RSD	1.2565

#1	-207.27
#2	-212.53
#3	-210.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.4	42736.	3866.6	37.363	3311.8
Stddev	5.9	102.	29.6	1.460	3.3
%RSD	.17660	.23787	.76461	3.9084	.09867

#1	3312.6	42645.	3873.2	37.020	3308.1
#2	3322.5	42717.	3892.3	36.104	3312.8
#3	3323.0	42846.	3834.3	38.964	3314.4

Sample Name: S5 Acquired: 5/30/2019 12:20:38 Type: Cal
Method: P4-ICP2(v3158) 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	.66532	1.4227	2.6839	.70273	1.6999	.18691	7.8727	.48892
Stddev	.00090	.0042	.0043	.00230	.0023	.00056	.1124	.00083
%RSD	.13507	.29435	.16062	.32710	.13777	.29951	1.4275	.16931
#1	.66593	1.4208	2.6820	.70448	1.7016	.18655	7.7881	.48807
#2	.66574	1.4275	2.6888	.70359	1.7010	.18755	8.0002	.48972
#3	.66429	1.4198	2.6808	.70013	1.6972	.18662	7.8299	.48897
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	25.223	3.0053	.45408	6.8571	2.4285	1.0326	5.6709	.03114
Stddev	.057	.0022	.00131	.0086	.0051	.0006	.0519	.00016
%RSD	.22616	.07377	.28771	.12591	.21115	.06182	.91448	.52653
#1	25.195	3.0057	.45281	6.8531	2.4300	1.0318	5.7237	.03096
#2	25.289	3.0029	.45542	6.8670	2.4327	1.0331	5.6691	.03127
#3	25.186	3.0073	.45402	6.8511	2.4228	1.0327	5.6200	.03121
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	4.0046	.62916	1.6185	1.3087	12.236	.43602	8.7246	.02393
Stddev	.0085	.00110	.0058	.0024	.020	.00204	.0231	.00025
%RSD	.21209	.17499	.35850	.18370	.16198	.46885	.26497	1.0310
#1	4.0061	.62972	1.6252	1.3067	12.231	.43794	8.7391	.02376
#2	4.0123	.62986	1.6155	1.3113	12.258	.43625	8.7367	.02421
#3	3.9955	.62789	1.6148	1.3080	12.219	.43387	8.6979	.02381
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	.55341	5.8059	2.3005	3.4638	18.230	.8848	143.29	2419.1
Stddev	.00150	.0201	.0065	.0071	.052	.0015	.94	24.1
%RSD	.27043	.34636	.28233	.20413	.28340	.1639	.65331	.99710
#1	.55444	5.7903	2.2963	3.4651	18.224	.8848	144.37	2446.9
#2	.55410	5.8286	2.3080	3.4701	18.285	.8863	142.77	2403.6
#3	.55170	5.7988	2.2973	3.4562	18.182	.8834	142.73	2406.8

Sample Name: S5 Acquired: 5/30/2019 12:20:38 Type: Cal
 Method: P4-ICP2(v3158) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-262.83
Stddev	3.74
%RSD	1.4247

#1	-266.70
#2	-262.57
#3	-259.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.1	41782.	3840.1	37.277	3092.6
Stddev	4.0	78.	14.2	1.213	7.4
%RSD	.12467	.18565	.36913	3.2538	.23898

#1	3200.1	41737.	3841.8	36.637	3099.2
#2	3194.8	41738.	3825.1	36.518	3084.6
#3	3202.6	41872.	3853.3	38.676	3094.0

Sample Name: ICV01 Acquired: 5/30/2019 12:25:01 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96870	1.0058	.96791	.98014	.95909	2.5082	.47850	.48083
Stddev	.00208	.0013	.00120	.00034	.00473	.0145	.00173	.00154
%RSD	.21494	.12615	.12432	.03519	.49324	.57688	.36122	.32052
#1	.97070	1.0045	.96719	.98003	.95362	2.4927	.47652	.48204
#2	.96655	1.0070	.96930	.97987	.96171	2.5107	.47927	.48137
#3	.96884	1.0061	.96724	.98053	.96193	2.5213	.47970	.47910
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47141	9.9420	.49105	.47953	.50912	4.9883	.49750	F 5.7422
Stddev	.00075	.0669	.00115	.00049	.00082	.0121	.00038	.0144
%RSD	.15836	.67265	.23458	.10245	.16039	.24176	.07619	.25109
#1	.47157	9.8675	.49156	.47959	.50824	4.9965	.49794	5.7268
#2	.47206	9.9616	.49185	.47999	.50925	4.9939	.49726	5.7553
#3	.47060	9.9969	.48973	.47901	.50986	4.9745	.49731	5.7446
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48275	.49235	9.6253	.47849	F .93870	9.5937	2.5218	2.4889
Stddev	.00085	.00076	.0337	.00102	.00182	.0403	.0044	.0237
%RSD	.17561	.15479	.35039	.21316	.19421	.42057	.17310	.95144
#1	.48188	.49296	9.5939	.47733	.94061	9.5732	2.5228	2.4675
#2	.48358	.49150	9.6610	.47889	.93851	9.5676	2.5255	2.4849
#3	.48278	.49260	9.6211	.47926	.93697	9.6401	2.5170	2.5143
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00738	2.4684	2.4600	2.5765	F .00185	F -.0024	F .00614	F 1.6243
Stddev	.00376	.0317	.0044	.0079	.00064	.0019	.00011	.3057
%RSD	50.925	1.2832	.17948	.30777	34.765	79.99	1.7464	18.823
#1	.00305	2.5049	2.4590	2.5678	.00123	-.0040	.00624	1.2718
#2	.00984	2.4492	2.4648	2.5834	.00181	-.0028	.00602	1.7833
#3	.00924	2.4510	2.4561	2.5784	.00251	-.0003	.00615	1.8178

Sample Name: ICV01 Acquired: 5/30/2019 12:25:01 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8331
Stddev .1871
%RSD 10.208

#1 2.0363
#2 1.6680
#3 1.7950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3392.4	43804.	3906.1	37.950	3526.5
Stddev	7.5	35.	33.5	.714	8.5
%RSD	.21984	.08059	.85654	1.8807	.24034

#1	3386.2	43764.	3867.5	37.202	3520.7
#2	3390.3	43832.	3927.0	38.623	3522.4
#3	3400.7	43816.	3923.8	38.024	3536.2

Sample Name: LLICV01 Acquired: 5/30/2019 12:29:07 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02109	.04090	.01207	.02002	.04961	.10503	.10152	.00622
Stddev	.00103	.00058	.00085	.00046	.00112	.00870	.00056	.00003
%RSD	4.8721	1.4263	7.0029	2.2793	2.2666	8.2870	.55078	.41481
#1	.02215	.04025	.01122	.01963	.04948	.11432	.10092	.00623
#2	.02101	.04106	.01292	.02053	.05079	.10371	.10160	.00620
#3	.02010	.04138	.01207	.01992	.04855	.09706	.10203	.00624
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	2.0766	.01026	.02857	.02149	.10549	.02191	2.0023
Stddev	.00003	.0186	.00037	.00023	.00018	.00051	.00006	.0436
%RSD	.45405	.89354	3.6051	.80209	.85879	.48315	.27927	2.1789
#1	.00589	2.0552	.00986	.02830	.02141	.10493	.02188	1.9758
#2	.00591	2.0872	.01033	.02867	.02136	.10593	.02187	1.9784
#3	.00594	2.0875	.01059	.02873	.02170	.10562	.02198	2.0527
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03898	.01066	2.0326	.04011	.03813	1.9449	.20748	.10950
Stddev	.00018	.00022	.0071	.00020	.00022	.0338	.00053	.00742
%RSD	.46904	2.0223	.35081	.50243	.57595	1.7388	.25717	6.7737
#1	.03901	.01045	2.0254	.04013	.03838	1.9188	.20772	.10104
#2	.03915	.01088	2.0397	.04030	.03797	1.9831	.20786	.11485
#3	.03879	.01066	2.0326	.03990	.03803	1.9328	.20687	.11263
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01565	.40748	.03864	.04194	.02262	.0185	.02077	F .51010
Stddev	.00189	.00368	.00059	.00127	.00222	.0013	.00005	.13070
%RSD	12.093	.90376	1.5232	3.0237	9.8303	6.820	.24689	25.623
#1	.01516	.41028	.03830	.04054	.02208	.0198	.02074	.62473
#2	.01404	.40885	.03830	.04228	.02071	.0184	.02082	.36776
#3	.01773	.40331	.03932	.04301	.02506	.0173	.02073	.53780

Sample Name: LLICV01 Acquired: 5/30/2019 12:29:07 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .15657
Stddev .18979
%RSD 121.22

#1 .01009
#2 .08865
#3 .37097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3440.5	44235.	3869.3	37.679	3688.6
Stddev	7.5	95.	14.4	1.047	10.4
%RSD	.21848	.21438	.37173	2.7781	.28219

#1	3433.4	44196.	3861.4	38.664	3680.6
#2	3439.7	44166.	3860.6	37.793	3684.7
#3	3448.4	44343.	3885.9	36.580	3700.3

Sample Name: ICB01 Acquired: 5/30/2019 12:34:17 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.00108	-.00014	.00054	.00078	.00436	.00036	-.00006
Stddev	.00032	.00082	.00019	.00131	.00070	.00205	.00043	.00008
%RSD	78.875	75.907	135.49	240.90	90.409	47.111	119.45	146.33
#1	-.00076	.00202	-.00033	-.00095	.00021	.00478	.00016	.00001
#2	-.00029	.00072	.00005	.00146	.00156	.00617	.00085	-.00015
#3	-.00016	.00050	-.00013	.00111	.00056	.00213	.00007	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01383	-.00016	.00002	-.00031	.00031	.00000	.00362
Stddev	.00007	.00591	.00022	.00016	.00035	.00025	.00006	.02198
%RSD	2077.7	42.710	132.31	803.01	111.25	81.061	2258.8	606.64
#1	.00007	.00808	-.00002	.00020	-.00063	.00012	-.00006	.02326
#2	-.00003	.01352	-.00006	-.00001	.00006	.00060	.00001	-.02012
#3	-.00005	.01989	-.00041	-.00013	-.00036	.00021	.00005	.00773
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00035	-.00718	.00047	-.00003	-.02824	.00007	.00542
Stddev	.00017	.00042	.00384	.00041	.00005	.03550	.00004	.01839
%RSD	49.843	120.99	53.563	85.425	133.22	125.71	58.274	339.29
#1	-.00026	.00019	-.00910	.00012	.00000	.00404	.00008	.01014
#2	-.00055	.00003	-.00968	.00092	-.00002	-.02249	.00010	.02099
#3	-.00023	.00083	-.00275	.00039	-.00009	-.06625	.00002	-.01487
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	.00312	-.00009	.00043	.00036	-.0014	-.00007	F 1.8094
Stddev	.00196	.00219	.00077	.00147	.00104	.0017	.00004	.4975
%RSD	406.20	70.079	902.60	338.59	291.54	118.8	62.935	27.497
#1	.00154	.00524	.00027	.00143	.00141	-.0030	-.00008	2.1659
#2	-.00062	.00327	.00045	.00113	.00033	.0003	-.00010	2.0214
#3	-.00237	.00086	-.00097	-.00126	-.00067	-.0015	-.00002	1.2410

Sample Name: ICB01 Acquired: 5/30/2019 12:34:17 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .03465
Stddev	.81312
%RSD	2346.9

#1	.95676
#2	-.57954
#3	-.27329

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.3	43681.	3778.2	37.543	3667.4
Stddev	28.3	159.	19.0	.583	34.2
%RSD	.83370	.36351	.50329	1.5515	.93373

#1	3372.8	43773.	3793.0	36.889	3639.0
#2	3388.4	43772.	3784.9	37.736	3657.7
#3	3427.8	43498.	3756.8	38.005	3705.4

Sample Name: CRI01 Acquired: 5/30/2019 12:38:45 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01937	.04102	.01177	.02069	.05061	.11366	.10182	.00628
Stddev	.00173	.00084	.00057	.00223	.00080	.00904	.00023	.00007
%RSD	8.9253	2.0384	4.8149	10.755	1.5771	7.9537	.22326	1.0406
#1	.01737	.04045	.01111	.01957	.05003	.11603	.10167	.00626
#2	.02034	.04198	.01210	.01924	.05152	.12128	.10208	.00622
#3	.02039	.04064	.01208	.02325	.05028	.10367	.10171	.00635
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	2.0978	.01017	.02868	.02197	.10601	.02211	2.0245
Stddev	.00004	.0086	.00012	.00022	.00009	.00094	.00006	.0296
%RSD	.63193	.40985	1.2205	.76353	.42801	.88279	.27632	1.4615
#1	.00585	2.0977	.01031	.02889	.02193	.10675	.02215	2.0192
#2	.00584	2.0892	.01010	.02870	.02208	.10632	.02204	1.9980
#3	.00591	2.1064	.01009	.02845	.02190	.10496	.02214	2.0564
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03925	.01073	2.0280	.04036	.03802	1.9403	.20859	.10905
Stddev	.00010	.00018	.0131	.00086	.00007	.0280	.00050	.00623
%RSD	.26237	1.6858	.64476	2.1378	.19197	1.4427	.23743	5.7102
#1	.03933	.01072	2.0421	.04124	.03794	1.9712	.20845	.10218
#2	.03928	.01092	2.0258	.03951	.03809	1.9168	.20914	.11433
#3	.03913	.01056	2.0162	.04034	.03802	1.9328	.20818	.11064
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01984	.40922	.03844	.04123	.02073	.0158	.02093	F 1.6440
Stddev	.00164	.00101	.00023	.00141	.00137	.0008	.00017	.3710
%RSD	8.2435	.24667	.59629	3.4085	6.5923	5.006	.79947	22.567
#1	.01958	.40902	.03834	.04072	.01927	.0158	.02088	2.0613
#2	.01836	.40832	.03827	.04015	.02095	.0166	.02112	1.3516
#3	.02160	.41031	.03870	.04282	.02197	.0150	.02080	1.5189

Sample Name: CRI01 Acquired: 5/30/2019 12:38:45 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .26777
Stddev	.32735
%RSD	122.25

#1	.58440
#2	.28826
#3	-.06934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.2	43973.	3822.6	37.073	3655.7
Stddev	15.0	167.	14.6	.528	9.5
%RSD	.43907	.37983	.38210	1.4255	.25913

#1	3409.2	43967.	3830.3	37.032	3652.9
#2	3397.4	43808.	3805.8	36.566	3648.0
#3	3427.1	44142.	3831.8	37.620	3666.3

Sample Name: ICSA01 Acquired: 5/30/2019 12:43:11 Type: Unk
 Method: P4-ICP2(v3158) 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	-.01314	.00851	-.00787	-.00174	.00504	279.65	.00698	.00295
Stddev	.00187	.00279	.00178	.00439	.00061	1.08	.00013	.00015
%RSD	14.194	32.800	22.577	252.51	12.062	.38452	1.8376	5.1261
#1	-.01123	.01090	-.00639	-.00579	.00537	278.41	.00703	.00300
#2	-.01324	.00919	-.00984	.00293	.00541	280.19	.00684	.00277
#3	-.01496	.00544	-.00737	-.00235	.00434	280.34	.00708	.00306
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	257.13	.04876	-.00059	.00740	99.602	.01446	282.40
Stddev	.00025	1.50	.00069	.00016	.00019	.370	.00015	1.52
%RSD	9.5031	.58309	1.4104	27.297	2.6076	.37142	1.0483	.53977
#1	-.00271	255.41	.04953	-.00042	.00733	99.603	.01463	280.69
#2	-.00286	257.81	.04821	-.00060	.00761	99.971	.01437	282.89
#3	-.00237	258.17	.04854	-.00074	.00724	99.231	.01437	283.62
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00692	-.00839	.02926	.00190	-.01296	-.07733	-.00102	.01170
Stddev	.00038	.00041	.00765	.00025	.00008	.02226	.00006	.01245
%RSD	5.5159	4.8421	26.134	13.125	.63244	28.791	5.6506	106.39
#1	-.00700	-.00795	.02384	.00216	-.01304	-.05951	-.00096	.02353
#2	-.00725	-.00875	.03801	.00166	-.01296	-.07018	-.00105	.01285
#3	-.00650	-.00849	.02592	.00188	-.01287	-.10228	-.00106	-.00128
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00444	.00188	.00990	-.00350	.01129	.0153	-.00282	5.5349
Stddev	.00303	.00254	.00158	.00052	.00151	.0033	.00071	.3410
%RSD	68.316	135.00	15.997	14.784	13.339	21.82	25.328	6.1614
#1	-.00754	.00141	.00933	-.00381	.01229	.0120	-.00339	5.7716
#2	-.00148	.00462	.01170	-.00378	.01201	.0152	-.00304	5.6890
#3	-.00429	-.00039	.00869	-.00290	.00956	.0186	-.00202	5.1440

Sample Name: ICSA01 Acquired: 5/30/2019 12:43:11 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 31.114
 Stddev .359
 %RSD 1.1543

#1 31.508
 #2 30.806
 #3 31.026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.1	38512.	3639.8	34.183	2895.3
Stddev	.6	100.	14.5	1.886	9.2
%RSD	.02148	.25919	.39961	5.5186	.31682

#1	3011.3	38473.	3637.4	32.099	2889.1
#2	3012.3	38438.	3626.6	34.674	2890.8
#3	3012.5	38626.	3655.4	35.775	2905.8

Sample Name: ICSAB01 Acquired: 5/30/2019 12:47:50 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09509	.11631	.04426	.04645	.64183	282.67	.54739	.55060
Stddev	.00154	.00028	.00103	.00078	.01140	.79	.00187	.00350
%RSD	1.6190	.23817	2.3379	1.6879	1.7756	.27915	.34190	.63505
#1	.09394	.11605	.04316	.04656	.62871	282.40	.54955	.54706
#2	.09684	.11628	.04442	.04561	.64926	283.56	.54622	.55068
#3	.09450	.11660	.04521	.04717	.64752	282.05	.54640	.55406
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0433	257.11	.55984	.52257	.52641	99.807	.53059	284.51
Stddev	.0177	.74	.00241	.00827	.00765	.025	.00244	1.10
%RSD	1.6980	.28783	.43098	1.5821	1.4523	.02509	.46016	.38794
#1	1.0245	256.36	.55812	.51377	.51820	99.802	.52864	283.58
#2	1.0456	257.15	.55881	.52377	.52770	99.834	.52981	284.22
#3	1.0597	257.83	.56260	.53018	.53333	99.785	.53333	285.73
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0231	.20638	.02956	.51636	1.1069	-.05743	1.0971	1.1041
Stddev	.0170	.00174	.00335	.00326	.0204	.01675	.0199	.0038
%RSD	1.6625	.84347	11.343	.63043	1.8381	29.167	1.8179	.34148
#1	1.0055	.20464	.03340	.51395	1.0855	-.05817	1.0754	1.1084
#2	1.0242	.20637	.02720	.51505	1.1090	-.07379	1.1010	1.1027
#3	1.0395	.20813	.02809	.52006	1.1261	-.04032	1.1147	1.1013
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .16153	.96577	1.1250	1.0711	F .18116	F .1739	F .16816	6.0059
Stddev	.00156	.00939	.0222	.0053	.00225	.0008	.00077	.1932
%RSD	.96379	.97204	1.9762	.49744	1.2432	.4332	.45885	3.2161
#1	.16087	.95737	1.1018	1.0677	.18096	.1743	.16748	5.9934
#2	.16041	.96404	1.1270	1.0772	.18351	.1730	.16900	5.8192
#3	.16331	.97590	1.1461	1.0682	.17902	.1743	.16801	6.2049

Sample Name: ICSAB01 Acquired: 5/30/2019 12:47:50 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	31.161
Stddev	.451
%RSD	1.4464

#1	30.988
#2	30.823
#3	31.673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.5	38766.	3706.9	35.495	2877.0
Stddev	8.3	91.	4.8	.774	5.1
%RSD	.27741	.23581	.12843	2.1798	.17587

#1	2988.1	38668.	3708.2	36.368	2871.6
#2	2993.8	38779.	3701.6	35.223	2877.6
#3	3004.5	38849.	3710.9	34.894	2881.6

Sample Name: CCV01 Acquired: 5/30/2019 12:52:15 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0115	5.0636	5.0324	5.0323	5.0375	9.9957	9.9754	.25525
Stddev	.0105	.0177	.0102	.0082	.0119	.0590	.0916	.00041
%RSD	.20984	.34914	.20249	.16258	.23590	.59074	.91829	.16220
#1	5.0018	5.0443	5.0209	5.0253	5.0333	9.9652	9.8698	.25487
#2	5.0227	5.0674	5.0358	5.0304	5.0283	10.064	10.022	.25520
#3	5.0102	5.0791	5.0404	5.0413	5.0509	9.9581	10.034	.25569
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5114	25.296	1.0174	2.5105	1.2670	5.1045	2.5815	25.041
Stddev	.0057	.086	.0006	.0038	.0010	.0078	.0016	.127
%RSD	.22564	.34142	.06221	.14982	.07602	.15354	.06314	.50794
#1	2.5065	25.221	1.0179	2.5073	1.2672	5.0995	2.5796	24.986
#2	2.5101	25.390	1.0167	2.5095	1.2659	5.1004	2.5824	25.187
#3	2.5176	25.276	1.0175	2.5146	1.2678	5.1135	2.5825	24.951
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5083	1.2626	25.093	2.5242	2.5018	24.680	5.0400	4.9685
Stddev	.0035	.0017	.078	.0027	.0048	.043	.0065	.0325
%RSD	.13924	.13594	.31160	.10819	.19293	.17479	.12856	.65414
#1	2.5062	1.2646	25.041	2.5211	2.4967	24.633	5.0360	4.9893
#2	2.5065	1.2612	25.183	2.5263	2.5023	24.687	5.0366	4.9310
#3	2.5124	1.2621	25.055	2.5253	2.5063	24.719	5.0475	4.9850
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9181	5.0107	4.9878	5.0635	5.0086	5.006	5.1149	F 4.7169
Stddev	.0156	.0222	.0269	.0211	.0251	.023	.0232	.0608
%RSD	.31738	.44384	.54003	.41661	.50141	.4535	.45305	1.2891
#1	4.9036	4.9857	4.9584	5.0415	4.9800	4.985	5.0882	4.6691
#2	4.9161	5.0178	4.9937	5.0835	5.0187	5.005	5.1294	4.7853
#3	4.9347	5.0284	5.0113	5.0657	5.0271	5.030	5.1272	4.6963

Sample Name: CCV01 Acquired: 5/30/2019 12:52:15 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4747
Stddev	.4340
%RSD	17.536

#1	2.1408
#2	2.9652
#3	2.3180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.7	41728.	3767.2	36.859	3209.4
Stddev	4.1	64.	11.2	1.891	2.7
%RSD	.12811	.15440	.29747	5.1302	.08345

#1	3216.9	41782.	3780.1	38.863	3211.1
#2	3223.8	41657.	3760.7	36.608	3210.6
#3	3224.3	41744.	3760.7	35.106	3206.3

Sample Name: LLCCV01 Acquired: 5/30/2019 12:56:20 Type: Unk
Method: P4-ICP2(v3158) 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	.01818	.04262	.01179	.02378	.05239	.10926	.10377	.00638
Stddev	.00172	.00098	.00025	.00063	.00313	.00271	.00123	.00009
%RSD	9.4737	2.3106	2.0936	2.6666	5.9712	2.4842	1.1854	1.4628
#1	.01817	.04151	.01175	.02440	.05496	.11167	.10237	.00646
#2	.01990	.04340	.01156	.02378	.04891	.10632	.10426	.00639
#3	.01646	.04295	.01205	.02314	.05330	.10978	.10468	.00628
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	2.1110	.00999	.02911	.02184	.10960	.02244	2.0493
Stddev	.00002	.0158	.00052	.00003	.00023	.00047	.00006	.0470
%RSD	.25323	.74922	5.2003	.10451	1.0700	.42754	.24698	2.2951
#1	.00603	2.0927	.01015	.02914	.02181	.10915	.02251	2.0193
#2	.00602	2.1203	.01041	.02909	.02163	.10957	.02241	2.0251
#3	.00600	2.1200	.00941	.02909	.02209	.11008	.02241	2.1035
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03940	.01080	2.0614	.04099	.03883	1.9581	.21201	.09815
Stddev	.00004	.00014	.0093	.00064	.00013	.0232	.00042	.01080
%RSD	.09888	1.3111	.45137	1.5605	.33127	1.1841	.19896	11.007
#1	.03937	.01066	2.0527	.04112	.03869	1.9575	.21221	.11002
#2	.03944	.01095	2.0712	.04156	.03886	1.9816	.21153	.08890
#3	.03939	.01079	2.0603	.04030	.03894	1.9352	.21230	.09553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01617	.41508	.03933	.04204	.02052	.0194	.02119	F 2.8026
Stddev	.00059	.00273	.00130	.00183	.00165	.0014	.00014	.0757
%RSD	3.6330	.65794	3.2975	4.3520	8.0347	7.363	.67028	2.7004
#1	.01684	.41821	.03985	.04079	.01994	.0209	.02103	2.8504
#2	.01591	.41318	.04028	.04414	.01923	.0193	.02129	2.8420
#3	.01576	.41386	.03785	.04119	.02238	.0180	.02125	2.7153

Sample Name: LLCCV01 Acquired: 5/30/2019 12:56:20 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .32468
Stddev	.09280
%RSD	28.581

#1	.29012
#2	.42979
#3	.25411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.7	43155.	3760.0	37.218	3586.6
Stddev	6.1	19.	15.6	1.610	8.0
%RSD	.18297	.04317	.41368	4.3256	.22416

#1	3338.9	43144.	3748.8	36.018	3577.4
#2	3347.2	43145.	3777.8	39.048	3590.2
#3	3350.9	43177.	3753.5	36.589	3592.2

Sample Name: CCB01 Acquired: 5/30/2019 13:00:47 Type: Unk
 Method: P4-ICP2(v3158) 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	-.00267	-.00003	.00008	.00050	-.00011	-.00146	-.00009
Stddev	.00151	.00009	.00046	.00313	.00101	.00468	.00024
%RSD	56.491	275.32	604.55	627.57	899.34	321.58	254.79

#1	-.00095	.00003	-.00033	.00314	-.00082	.00260	-.00031
#2	-.00377	-.00014	.00059	-.00296	.00104	-.00038	.00016
#3	-.00329	.00001	-.00003	.00132	-.00056	-.00658	-.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00002	.01275	-.00009	-.00000	-.00023	.00069
Stddev	.00005	.00001	.01229	.00016	.00012	.00017	.00033
%RSD	3670.0	45.458	96.423	176.79	8562.8	71.255	47.542

#1	.00005	-.00002	.02335	-.00023	.00014	-.00033	.00086
#2	-.00006	-.00002	-.00072	.00008	-.00007	-.00033	.00090
#3	.00001	-.00003	.01561	-.00013	-.00008	-.00004	.00031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.04581	-.00065	.00025	-.02076	.00018	-.00012
Stddev	.00005	.02403	.00023	.00028	.00267	.00018	.00005
%RSD	713.97	52.468	35.059	109.99	12.852	100.59	46.006

#1	.00002	.06253	-.00050	.00029	-.02195	.00019	-.00006
#2	.00005	.05662	-.00091	-.00004	-.02262	-.00000	-.00013
#3	-.00005	.01826	-.00054	.00050	-.01770	.00036	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06467	.00031	.00369	.00143	.00276	-.00043	-.00049
Stddev	.04141	.00017	.01502	.00122	.00166	.00022	.00087
%RSD	64.040	54.543	407.02	85.527	60.263	50.582	176.64

#1	-.10982	.00050	.02042	.00009	.00324	-.00040	-.00141
#2	-.05574	.00019	-.00072	.00250	.00091	-.00066	-.00041
#3	-.02845	.00024	-.00863	.00170	.00412	-.00023	.00033

Sample Name: CCB01 Acquired: 5/30/2019 13:00:47 Type: Unk
 Method: P4-ICP2(v3158) 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	.00205	-.0008	-.00003	F 1.4658	F<.00000
Stddev	.00070	.0010	.00001	.4411	.30302
%RSD	34.205	126.5	55.297	30.089	209.74

#1	.00285	-.0010	-.00001	1.8534	.03323
#2	.00156	-.0015	-.00004	.98594	.02771
#3	.00173	.0003	-.00003	1.5581	-.49435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3351.9	43149.	3724.6	36.081	3625.0
Stddev	4.5	77.	27.2	1.397	2.1
%RSD	.13437	.17780	.72917	3.8725	.05798

#1	3346.9	43102.	3751.2	37.502	3622.6
#2	3353.0	43108.	3725.6	36.032	3625.6
#3	3355.7	43238.	3696.9	34.709	3626.7

Sample Name: LR CHECK 1 Acquired: 5/30/2019 13:05:01 Type: Unk
Method: P4-ICP2(v3158) 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	-.16420	.01719	-.02626	-.71252	.10586	2083.0	.01739	.10154
Stddev	.00884	.00807	.00474	.01599	.00511	4.1	.00064	.00038
%RSD	5.3824	46.924	18.053	2.2446	4.8281	.19713	3.6870	.37397

#1	-.16955	.02173	-.02260	-.71967	.11075	2079.9	.01746	.10191
#2	-.16905	.02197	-.02456	-.72369	.10055	2087.6	.01672	.10155
#3	-.15400	.00788	-.03161	-.69420	.10629	2081.4	.01799	.10115

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17818	1670.2	-.09711	.12160	.42237	890.04	-.03027	1923.2
Stddev	.00297	15.1	.00060	.00225	.00183	2.12	.00059	6.6
%RSD	1.6662	.90299	.61438	1.8495	.43213	.23847	1.9360	.34562

#1	.18161	1684.1	-.09779	.12420	.42228	888.19	-.03020	1920.6
#2	.17642	1672.2	-.09670	.12041	.42423	892.36	-.03090	1918.2
#3	.17651	1654.2	-.09683	.12020	.42058	889.57	-.02973	1930.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12818	-.44215	1941.1	.02167	.36251	1097.5	-.02216	-3.2136
Stddev	.00250	.00128	22.4	.00082	.00430	5.6	.00081	.0283
%RSD	1.9499	.29007	1.1529	3.7879	1.1858	.51437	3.6782	.88051

#1	.13056	-.44274	1964.2	.02146	.36731	1104.0	-.02302	-3.2396
#2	.12558	-.44304	1919.5	.02098	.36121	1093.6	-.02140	-3.1835
#3	.12842	-.44068	1939.6	.02258	.35901	1094.9	-.02204	-3.2176

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33491	.03718	.10852	-.04959	.07399	.1605	-.96491	<.00000
Stddev	.01378	.00159	.00339	.00190	.00100	.0012	.00227	.22544
%RSD	4.1145	4.2824	3.1269	3.8317	1.3453	.7690	.23478	1.5243

#1	.32141	.03664	.10565	-.04916	.07449	.1620	-.96292	-15.045
#2	.33437	.03898	.10764	-.05167	.07462	.1598	-.96737	-14.703
#3	.34895	.03594	.11226	-.04795	.07284	.1598	-.96442	-14.619

Sample Name: LR CHECK 1 Acquired: 5/30/2019 13:05:01 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI 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	2195.3	28692.	3182.7	29.342	1635.0
Stddev	5.9	117.	13.1	.434	3.4
%RSD	.26686	.40602	.41128	1.4782	.20602

#1	2197.5	28626.	3170.1	29.534	1631.9
#2	2188.7	28827.	3181.7	29.647	1634.5
#3	2199.8	28623.	3196.3	28.845	1638.6

Sample Name: LR CHECK 2 Acquired: 5/30/2019 13:10:00 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8264 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00685	-.00583	233.05	.02540	-.02873	-.17203	92.232	-.00152
Stddev	.00223	.00319	3.42	.00453	.00156	.00198	.401	.00006
%RSD	32.552	54.789	1.4690	17.820	5.4455	1.1507	.43525	4.1345
#1	-.00880	-.00334	234.67	.02041	-.02793	-.16974	91.771	-.00159
#2	-.00731	-.00472	235.36	.02924	-.03054	-.17307	92.425	-.00147
#3	-.00442	-.00943	229.11	.02654	-.02773	-.17327	92.501	-.00150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00582	1.1962	-.13145	.00198	262.97	-.74174	42.784	-.03745
Stddev	.00007	.0151	.00124	.00017	2.79	.00519	.229	.05518
%RSD	1.1502	1.2643	.94186	8.6863	1.0607	.70035	.53449	147.34
#1	-.00581	1.2114	-.13212	.00201	264.13	-.74113	42.650	.02625
#2	-.00588	1.1959	-.13220	.00179	264.98	-.74721	42.655	-.07066
#3	-.00575	1.1812	-.13002	.00213	259.78	-.73688	43.048	-.06793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.782	.00657	.61032	-.20272	33.987	.32491	-.00519	-.00472
Stddev	.486	.00025	.00799	.00061	.360	.01632	.00010	.00854
%RSD	.97639	3.7877	1.3084	.29882	1.0586	5.0225	1.9096	180.70
#1	49.938	.00666	.60476	-.20333	34.267	.31718	-.00508	-.00256
#2	50.170	.00629	.60674	-.20211	34.113	.31390	-.00523	-.01413
#3	49.237	.00676	.61948	-.20272	33.581	.34366	-.00526	.00252
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00915	.00223	.00189	.01778	-.00240	-2.703	.00246	4.7356
Stddev	.00121	.00216	.00017	.00153	.00026	.026	.00006	.3789
%RSD	13.233	96.875	9.2018	8.5783	10.877	.9650	2.3068	8.0007
#1	.00856	-.00017	.00179	.01898	-.00249	-2.714	.00240	4.3149
#2	.01054	.00402	.00180	.01607	-.00210	-2.723	.00248	5.0499
#3	.00834	.00284	.00209	.01830	-.00260	-2.674	.00250	4.8419

Sample Name: LR CHECK 2 Acquired: 5/30/2019 13:10:00 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8264 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0476
 Stddev .4180
 %RSD 39.895

#1 .83609
 #2 1.5291
 #3 .77774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3098.6	43537.	3802.1	35.931	3344.8
Stddev	28.8	95.	10.2	.899	35.5
%RSD	.92820	.21723	.26728	2.5018	1.0604

#1	3091.3	43635.	3807.5	36.436	3328.3
#2	3074.1	43529.	3808.4	34.893	3320.6
#3	3130.3	43447.	3790.4	36.464	3385.5

Sample Name: K2642-07 Acquired: 5/30/2019 13:14:34 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-052919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07962	-.00489	1.2535	-.00594	.00668	147.77	.66208	.01346
Stddev	.00373	.00273	.0032	.00026	.00145	.17	.00102	.00013
%RSD	4.6807	55.731	.25305	4.4617	21.712	.11218	.15367	.95079

#1	.07884	-.00554	1.2556	-.00614	.00780	147.58	.66092	.01351
#2	.08367	-.00724	1.2551	-.00564	.00504	147.86	.66279	.01355
#3	.07634	-.00190	1.2499	-.00603	.00720	147.87	.66254	.01331

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	75.019	.15615	.13934	.41034	206.79	4.0827	66.703
Stddev	.00039	.669	.00033	.00021	.00084	1.21	.0233	.332
%RSD	32.145	.89121	.21350	.14923	.20398	.58576	.57185	.49757

#1	.00106	75.526	.15643	.13957	.41129	207.48	4.0720	66.490
#2	.00165	75.269	.15578	.13917	.41004	205.40	4.1095	66.534
#3	.00092	74.261	.15625	.13927	.40970	207.51	4.0667	67.086

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20771	-.02298	9.7315	.46654	1.2998	11.372	.00315	-.01791
Stddev	.00076	.00025	.0310	.00201	.0078	.040	.00024	.00966
%RSD	.36607	1.0675	.31811	.43160	.59692	.34887	7.6597	53.941

#1	.20687	-.02326	9.7669	.46423	1.2909	11.404	.00335	-.01760
#2	.20834	-.02288	9.7182	.46744	1.3035	11.384	.00288	-.02773
#3	.20792	-.02280	9.7094	.46794	1.3050	11.328	.00323	-.00841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6375	3.0833	.07087	3.4074	.13975	8.745	-.00888	<.00000
Stddev	.0223	.0762	.00094	.0067	.00104	.027	.00278	.21767
%RSD	.48111	2.4708	1.3254	.19557	.74072	.3100	31.307	3.5191

#1	4.6442	3.1674	.06979	3.4098	.13988	8.754	-.00762	-6.3490
#2	4.6126	3.0636	.07133	3.4125	.14071	8.714	-.00696	-5.9383
#3	4.6557	3.0189	.07150	3.3999	.13865	8.766	-.01207	-6.2686

Sample Name: K2642-07 Acquired: 5/30/2019 13:14:34 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-052919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 82.719
 Stddev .171
 %RSD .20673

#1 82.538
 #2 82.877
 #3 82.743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3955.0	51055.	4833.0	36.513	3101.9
Stddev	19.1	126.	55.0	.939	12.6
%RSD	.48383	.24659	1.1374	2.5726	.40740

#1	3976.6	50938.	4786.8	37.533	3116.5
#2	3948.2	51039.	4818.5	36.324	3095.5
#3	3940.2	51188.	4893.8	35.683	3093.8

Sample Name: K2642-07DUP Acquired: 5/30/2019 13:19:04 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-052919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07745	-.00572	1.2624	-.00368	.00808	148.79	.66430	.01348
Stddev	.00128	.00223	.0019	.00245	.00121	.16	.00060	.00008
%RSD	1.6566	38.891	.15139	66.443	15.009	.10865	.09043	.60933

#1	.07731	-.00822	1.2645	-.00328	.00669	148.76	.66498	.01354
#2	.07625	-.00500	1.2618	-.00146	.00868	148.64	.66382	.01352
#3	.07880	-.00395	1.2608	-.00630	.00889	148.96	.66411	.01339

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	75.259	.15353	.13873	.40518	206.00	4.0810	67.279
Stddev	.00009	.209	.00032	.00049	.00042	1.12	.0311	.074
%RSD	7.6351	.27777	.20996	.35480	.10408	.54486	.76200	.11008

#1	.00112	75.084	.15331	.13927	.40516	207.26	4.0981	67.194
#2	.00130	75.490	.15390	.13831	.40561	205.11	4.0451	67.310
#3	.00119	75.201	.15339	.13860	.40477	205.64	4.0998	67.332

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20635	-.02323	9.8405	.46615	1.2938	11.269	.00309	-.01630
Stddev	.00110	.00100	.0322	.00283	.0010	.012	.00027	.01804
%RSD	.53342	4.3180	.32745	.60809	.07509	.10356	8.6420	110.71

#1	.20567	-.02225	9.8749	.46431	1.2939	11.282	.00317	-.00500
#2	.20576	-.02426	9.8356	.46942	1.2928	11.260	.00331	-.03710
#3	.20762	-.02319	9.8110	.46473	1.2947	11.264	.00279	-.00679

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6574	3.2360	.06970	3.4175	.13860	8.744	-.00831	<.00000
Stddev	.0138	.0147	.00066	.0080	.00038	.018	.00189	.54804
%RSD	.29735	.45265	.94089	.23441	.27689	.2120	22.725	8.5038

#1	4.6475	3.2320	.07038	3.4084	.13824	8.763	-.01041	-6.5991
#2	4.6733	3.2238	.06966	3.4211	.13855	8.725	-.00675	-6.8989
#3	4.6515	3.2522	.06907	3.4232	.13901	8.743	-.00778	-5.8359

Sample Name: K2642-07DUP Acquired: 5/30/2019 13:19:04 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-052919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	83.051
Stddev	.581
%RSD	.69917

#1	82.383
#2	83.436
#3	83.333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.7	51063.	4900.0	38.002	3099.1
Stddev	10.4	173.	13.2	.924	8.2
%RSD	.26269	.33930	.26841	2.4309	.26506

#1	3941.9	50868.	4897.8	37.377	3090.8
#2	3961.5	51201.	4888.1	39.063	3107.3
#3	3945.9	51119.	4914.1	37.566	3099.2

Sample Name: K2642-07LX5 Acquired: 5/30/2019 13:23:29 Type: Unk
Method: P4-ICP2(v3158) 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	.01823	.00046	.25403	.00314	.00086	33.465	.14931	.00279
Stddev	.00103	.00114	.00049	.00262	.00057	.411	.00110	.00020
%RSD	5.6329	249.50	.19477	83.514	65.554	1.2282	.73806	7.1087

#1	.01711	-.00041	.25399	.00107	.00146	32.997	.14813	.00283
#2	.01846	.00003	.25454	.00609	.00033	33.631	.15031	.00257
#3	.01912	.00174	.25356	.00226	.00080	33.767	.14950	.00296

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	18.378	.03616	.02683	.10005	57.045	.99677	15.481
Stddev	.00007	.113	.00041	.00034	.00026	.267	.00127	.253
%RSD	3.5627	.61284	1.1398	1.2517	.26482	.46717	.12743	1.6342

#1	-.00195	18.307	.03614	.02651	.10024	56.911	.99762	15.191
#2	-.00195	18.508	.03576	.02718	.10017	56.872	.99738	15.660
#3	-.00208	18.320	.03659	.02681	.09975	57.352	.99531	15.592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03940	-.00442	2.3078	.10931	.24417	2.5841	.00081	.00701
Stddev	.00057	.00020	.0333	.00016	.00027	.0696	.00042	.00828
%RSD	1.4347	4.4640	1.4424	.14726	.11191	2.6949	51.560	118.17

#1	.03886	-.00461	2.2777	.10934	.24439	2.5146	.00113	.00920
#2	.03999	-.00422	2.3023	.10914	.24426	2.5839	.00034	.01398
#3	.03936	-.00443	2.3435	.10945	.24387	2.6539	.00096	-.00215

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87641	.82146	.01299	.81499	.03417	1.678	-.01047	.18272
Stddev	.00238	.00771	.00017	.00696	.00107	.002	.00048	.28828
%RSD	.27187	.93870	1.2956	.85398	3.1184	.1007	4.6065	157.77

#1	.87479	.82567	.01301	.80755	.03316	1.676	-.01060	.48197
#2	.87914	.81256	.01315	.82134	.03406	1.680	-.00993	.15938
#3	.87529	.82614	.01282	.81609	.03529	1.677	-.01087	-.09318

Sample Name: K2642-07LX5 Acquired: 5/30/2019 13:23:29 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.909
 Stddev .563
 %RSD 3.1450

#1 17.387
 #2 17.833
 #3 18.506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.7	44476.	4002.8	36.990	3423.1
Stddev	14.9	80.	29.6	1.387	16.9
%RSD	.42564	.18008	.73971	3.7498	.49489

#1	3515.0	44561.	3977.4	35.625	3442.1
#2	3485.7	44465.	3995.7	36.945	3409.6
#3	3495.5	44402.	4035.4	38.398	3417.6

Sample Name: K2642-07MS Acquired: 5/30/2019 13:27:54 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-052919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67256	1.8640	2.0848	1.5082	.08990	152.51	.78284	.17502
Stddev	.00358	.0056	.0024	.0012	.00158	.95	.00436	.00036
%RSD	.53260	.29786	.11327	.08037	1.7606	.62125	.55705	.20616
#1	.67146	1.8596	2.0875	1.5093	.09172	151.43	.77780	.17462
#2	.67657	1.8622	2.0830	1.5069	.08902	152.87	.78550	.17514
#3	.66966	1.8702	2.0841	1.5085	.08894	153.22	.78520	.17531
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18919	81.435	.46683	.32386	.63207	201.29	4.2053	67.021
Stddev	.00095	.281	.00103	.00108	.00151	.41	.0176	.409
%RSD	.50032	.34451	.22032	.33274	.23859	.20155	.41966	.60975
#1	.19020	81.758	.46682	.32292	.63379	200.85	4.2126	66.749
#2	.18833	81.287	.46581	.32363	.63145	201.66	4.1851	66.822
#3	.18904	81.259	.46786	.32504	.63096	201.36	4.2181	67.491
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68799	.03681	12.188	.66620	1.3970	18.506	.28741	.19210
Stddev	.00136	.00067	.035	.00165	.0053	.100	.00025	.00975
%RSD	.19698	1.8101	.28988	.24825	.37940	.54246	.08853	5.0734
#1	.68945	.03621	12.148	.66519	1.4021	18.409	.28725	.18743
#2	.68772	.03670	12.215	.66531	1.3915	18.609	.28729	.18557
#3	.68678	.03752	12.202	.66811	1.3972	18.500	.28771	.20330
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5518	2.4550	.66942	3.2427	.30424	F 14.07	.15191	<.00000
Stddev	.0136	.0350	.00166	.0068	.00108	.00	.00188	.47161
%RSD	.29950	1.4252	.24779	.20890	.35356	.0233	1.2407	6.9446
#1	4.5573	2.4368	.66856	3.2383	.30489	14.07	.15404	-6.5204
#2	4.5363	2.4328	.67133	3.2392	.30300	14.07	.15048	-7.3356
#3	4.5618	2.4953	.66837	3.2505	.30483	14.07	.15120	-6.5171

Sample Name: K2642-07MS Acquired: 5/30/2019 13:27:54 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-052919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	78.273
Stddev	.299
%RSD	.38253

#1	78.535
#2	78.338
#3	77.947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3889.8	50030.	4704.5	37.090	3091.8
Stddev	14.8	159.	27.5	1.383	11.3
%RSD	.38128	.31687	.58358	3.7278	.36647

#1	3872.7	50210.	4672.9	37.134	3079.1
#2	3897.5	49971.	4717.7	38.450	3101.0
#3	3899.2	49910.	4722.8	35.686	3095.3

Sample Name: K2642-07MSD Acquired: 5/30/2019 13:32:19 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-052919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67344	1.8612	2.0632	1.5112	.08673	152.73	.77188	.17516
Stddev	.00582	.0056	.0020	.0106	.00094	.48	.00277	.00065
%RSD	.86374	.29941	.09894	.70070	1.0798	.31584	.35833	.37246
#1	.67744	1.8669	2.0628	1.5064	.08780	152.33	.76941	.17520
#2	.67611	1.8611	2.0613	1.5233	.08604	153.26	.77487	.17580
#3	.66677	1.8557	2.0654	1.5039	.08635	152.59	.77136	.17449
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18856	84.360	.46817	.32462	.63019	201.21	4.1916	68.263
Stddev	.00096	.451	.00004	.00044	.00394	.72	.0192	.554
%RSD	.51008	.53450	.00793	.13438	.62553	.35664	.45714	.81218
#1	.18913	83.966	.46813	.32472	.62781	201.24	4.1998	68.182
#2	.18745	84.852	.46819	.32499	.63474	201.92	4.2054	68.853
#3	.18909	84.263	.46819	.32414	.62803	200.48	4.1698	67.753
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68863	.03692	12.272	.66372	1.3853	18.476	.28698	.17629
Stddev	.00046	.00039	.065	.00188	.0053	.057	.00263	.01740
%RSD	.06626	1.0628	.53142	.28349	.38432	.30750	.91726	9.8718
#1	.68893	.03651	12.244	.66499	1.3891	18.506	.28593	.19440
#2	.68811	.03729	12.347	.66460	1.3793	18.512	.28997	.17478
#3	.68886	.03695	12.226	.66156	1.3876	18.411	.28503	.15969
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4987	2.4746	.66959	3.3538	.30511	F 14.04	.15511	<.00000
Stddev	.0135	.0061	.00184	.0211	.00214	.07	.00067	.07527
%RSD	.30105	.24688	.27412	.62892	.69993	.4982	.43233	1.0920
#1	4.4925	2.4816	.66935	3.3368	.30339	14.11	.15472	-6.8247
#2	4.5142	2.4713	.66789	3.3774	.30445	13.97	.15589	-6.9739
#3	4.4894	2.4708	.67153	3.3472	.30750	14.04	.15473	-6.8820

Sample Name: K2642-07MSD Acquired: 5/30/2019 13:32:19 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-052919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	79.306
Stddev	.120
%RSD	.15156

#1	79.176
#2	79.413
#3	79.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3894.3	50274.	4715.5	36.425	3097.5
Stddev	12.1	165.	18.9	.415	13.2
%RSD	.31150	.32839	.40150	1.1382	.42615

#1	3896.0	50335.	4724.6	35.957	3087.3
#2	3881.4	50087.	4693.7	36.745	3112.4
#3	3905.5	50400.	4728.2	36.574	3092.9

Sample Name: K2642-07A Acquired: 5/30/2019 13:36:45 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8264 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67261	1.8707	2.0646	1.5067	.08763	151.36	.77327	.17525
Stddev	.00552	.0047	.0094	.0111	.00043	.44	.00337	.00035
%RSD	.82039	.24934	.45598	.73964	.49634	.29229	.43642	.20181
#1	.66828	1.8744	2.0654	1.4948	.08750	150.97	.77214	.17503
#2	.67883	1.8655	2.0548	1.5082	.08728	151.84	.77706	.17506
#3	.67074	1.8723	2.0735	1.5170	.08812	151.27	.77060	.17566
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18873	84.609	.46894	.32536	.62950	201.95	4.1848	68.001
Stddev	.00021	.241	.00116	.00074	.00257	1.22	.0069	.146
%RSD	.11045	.28529	.24696	.22602	.40820	.60426	.16473	.21543
#1	.18869	84.620	.46954	.32581	.62668	203.34	4.1887	67.837
#2	.18855	84.363	.46761	.32452	.63171	201.07	4.1768	68.049
#3	.18896	84.845	.46969	.32577	.63010	201.43	4.1888	68.118
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68981	.03718	12.148	.66513	1.3863	18.304	.28713	.18500
Stddev	.00123	.00043	.046	.00068	.0011	.085	.00088	.01077
%RSD	.17878	1.1631	.37868	.10294	.08253	.46417	.30672	5.8217
#1	.68840	.03720	12.140	.66436	1.3852	18.253	.28614	.19228
#2	.69037	.03760	12.197	.66566	1.3861	18.402	.28784	.17262
#3	.69068	.03673	12.106	.66537	1.3875	18.257	.28740	.19008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4746	2.4179	.67154	3.3424	.30209	F 14.09	.15433	<.00000
Stddev	.0150	.0341	.00181	.0065	.00072	.04	.00159	.47254
%RSD	.33524	1.4097	.26976	.19575	.23714	.3119	1.0288	8.1654
#1	4.4784	2.4413	.67159	3.3400	.30127	14.07	.15265	-5.6335
#2	4.4580	2.3788	.66970	3.3374	.30240	14.06	.15453	-6.3173
#3	4.4873	2.4336	.67333	3.3498	.30260	14.14	.15580	-5.4104

Sample Name: K2642-07A Acquired: 5/30/2019 13:36:45 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8264 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	79.560
Stddev	.722
%RSD	.90759

#1	78.768
#2	79.729
#3	80.182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3895.2	50481.	4708.2	35.941	3091.9
Stddev	14.4	107.	26.8	.875	4.1
%RSD	.36903	.21256	.56998	2.4336	.13261

#1	3902.5	50365.	4689.6	35.337	3092.1
#2	3878.7	50502.	4738.9	35.543	3087.7
#3	3904.6	50577.	4696.0	36.944	3095.9

Sample Name: K2648-03 Acquired: 5/30/2019 13:41:12 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-052919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05328	.00643	.48814	.00368	.00642	113.35	.46571	.01186
Stddev	.00237	.00162	.00302	.00077	.00340	.94	.00403	.00015
%RSD	4.4504	25.148	.61830	21.027	52.996	.82581	.86591	1.2830

#1	.05065	.00809	.49134	.00429	.00280	112.75	.46487	.01169
#2	.05526	.00486	.48772	.00393	.00692	112.86	.46216	.01200
#3	.05392	.00633	.48535	.00281	.00955	114.43	.47009	.01188

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00359	48.149	.12274	.08783	.36060	189.74	3.5581	29.763
Stddev	.00009	.153	.00150	.00026	.00368	.60	.0037	.357
%RSD	2.5053	.31717	1.2204	.30148	1.0214	.31660	.10418	1.1991

#1	-.00369	48.177	.12374	.08812	.35833	190.44	3.5616	29.453
#2	-.00356	48.286	.12346	.08775	.35863	189.44	3.5584	29.681
#3	-.00351	47.984	.12101	.08761	.36485	189.36	3.5542	30.153

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14016	-.01829	4.1403	.25545	.86593	5.5151	.00240	.87202
Stddev	.00083	.00069	.0365	.00115	.00419	.0959	.00019	.01612
%RSD	.59067	3.7555	.88175	.44868	.48334	1.7395	7.7051	1.8481

#1	.14033	-.01809	4.1133	.25675	.87031	5.4702	.00232	.85419
#2	.14090	-.01905	4.1257	.25460	.86551	5.4499	.00227	.88556
#3	.13927	-.01772	4.1818	.25500	.86198	5.6253	.00261	.87631

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9226	3.9926	.02282	.94644	.13124	4.189	.04455	<.00000
Stddev	.0030	.0348	.00051	.00970	.00165	.013	.00090	.03349
%RSD	.15433	.87107	2.2155	1.0246	1.2543	.2990	2.0242	1.6379

#1	1.9259	4.0327	.02331	.93547	.12934	4.203	.04353	-2.0822
#2	1.9202	3.9731	.02230	.95001	.13225	4.179	.04527	-2.0327
#3	1.9215	3.9719	.02285	.95385	.13213	4.186	.04484	-2.0183

Sample Name: K2648-03 Acquired: 5/30/2019 13:41:12 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-052919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 69.317
 Stddev .687
 %RSD .99136

#1 70.096
 #2 68.796
 #3 69.059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.2	46929.	4377.4	37.126	3288.6
Stddev	29.7	52.	37.2	1.665	11.4
%RSD	.81145	.10976	.84985	4.4843	.34777

#1	3662.1	46890.	4364.1	37.562	3275.4
#2	3687.3	46988.	4348.6	38.529	3294.4
#3	3628.2	46910.	4419.4	35.286	3296.0

Sample Name: K3080-01 Acquired: 5/30/2019 13:45:39 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MASONRY-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01436	-.01229	.08298	-.00790	.00322	156.00	.75089	.00904
Stddev	.00245	.00220	.00080	.00362	.00088	.82	.00407	.00019
%RSD	17.045	17.931	.96504	45.875	27.352	.52489	.54154	2.1464
#1	.01174	-.00982	.08370	-.00372	.00364	155.59	.74837	.00917
#2	.01658	-.01404	.08312	-.00990	.00220	155.47	.74873	.00882
#3	.01477	-.01302	.08212	-.01008	.00380	156.94	.75558	.00913
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	1287.6	.13401	.03754	.09427	106.14	2.4257	88.763
Stddev	.00011	4.3	.00063	.00024	.00038	.30	.0028	.929
%RSD	5.7940	.33642	.47108	.64666	.40045	.28644	.11657	1.0468
#1	-.00192	1291.7	.13348	.03776	.09453	106.31	2.4268	87.733
#2	-.00198	1283.1	.13471	.03728	.09445	105.79	2.4226	89.020
#3	-.00177	1288.1	.13383	.03758	.09384	106.31	2.4279	89.537
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09482	-.01444	1.0920	.14575	.26004	5.8929	.00324	.24607
Stddev	.00025	.00066	.0058	.00090	.00029	.0131	.00025	.01863
%RSD	.26881	4.5545	.53467	.61629	.11003	.22306	7.8157	7.5693
#1	.09461	-.01368	1.0853	.14473	.25971	5.9025	.00311	.22590
#2	.09474	-.01478	1.0957	.14639	.26019	5.8779	.00308	.24968
#3	.09511	-.01486	1.0950	.14614	.26022	5.8983	.00353	.26262
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.096	.77524	.00363	4.7191	.12746	5.570	3.4992	5.5729
Stddev	.054	.00968	.00070	.0121	.00030	.010	.0089	.2367
%RSD	.14123	1.2486	19.217	.25645	.23182	.1817	.25530	4.2482
#1	38.083	.76635	.00435	4.7055	.12728	5.580	3.4990	5.3010
#2	38.156	.78555	.00358	4.7285	.12780	5.570	3.4903	5.6847
#3	38.051	.77381	.00295	4.7233	.12730	5.560	3.5082	5.7332

Sample Name: K3080-01 Acquired: 5/30/2019 13:45:39 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MASONRY-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	38.429
Stddev	.530
%RSD	1.3782

#1	38.572
#2	37.843
#3	38.873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3098.5	39628.	3959.4	33.848	2707.1
Stddev	4.7	15.	14.9	.670	2.7
%RSD	.15170	.03784	.37674	1.9781	.09843

#1	3095.3	39631.	3946.2	33.930	2707.5
#2	3096.3	39642.	3956.5	34.473	2704.3
#3	3103.9	39612.	3975.6	33.141	2709.6

Sample Name: CCV02 Acquired: 5/30/2019 13:50:18 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9899	5.0567	4.9926	4.9837	4.9671	9.8164	9.8945	.25442
Stddev	.0117	.0103	.0101	.0091	.0142	.0607	.0376	.00053
%RSD	.23338	.20419	.20268	.18230	.28540	.61889	.38044	.20652
#1	4.9945	5.0671	4.9846	4.9884	4.9603	9.7980	9.8714	.25450
#2	4.9985	5.0464	4.9892	4.9895	4.9834	9.7669	9.8742	.25386
#3	4.9766	5.0565	5.0040	4.9733	4.9576	9.8842	9.9380	.25491
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4805	25.366	1.0141	2.4962	1.2585	5.1131	2.5780	24.992
Stddev	.0031	.136	.0016	.0013	.0009	.0126	.0039	.213
%RSD	.12546	.53790	.16183	.05087	.07114	.24572	.15046	.85273
#1	2.4776	25.209	1.0127	2.4967	1.2592	5.1127	2.5782	24.794
#2	2.4801	25.452	1.0138	2.4948	1.2587	5.1008	2.5740	24.966
#3	2.4838	25.438	1.0159	2.4972	1.2575	5.1259	2.5818	25.217
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4865	1.2599	24.644	2.5335	2.4931	24.301	5.0258	4.8486
Stddev	.0029	.0004	.136	.0055	.0020	.092	.0080	.0150
%RSD	.11862	.03026	.55019	.21585	.08042	.37766	.16001	.30969
#1	2.4866	1.2603	24.598	2.5373	2.4949	24.292	5.0195	4.8335
#2	2.4836	1.2596	24.538	2.5272	2.4909	24.214	5.0349	4.8488
#3	2.4895	1.2598	24.797	2.5360	2.4936	24.397	5.0231	4.8635
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9345	4.9850	4.9887	5.0308	4.9486	5.034	5.0697	F 6.1174
Stddev	.0144	.0235	.0024	.0141	.0057	.008	.0177	.1016
%RSD	.29146	.47109	.04831	.28095	.11619	.1569	.34919	1.6604
#1	4.9476	4.9716	4.9864	5.0166	4.9420	5.043	5.0493	6.1934
#2	4.9368	5.0121	4.9912	5.0308	4.9511	5.031	5.0807	6.1569
#3	4.9191	4.9712	4.9885	5.0449	4.9527	5.028	5.0791	6.0021

Sample Name: CCV02 Acquired: 5/30/2019 13:50:18 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15042 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8835
Stddev	.2049
%RSD	7.1055

#1	2.7881
#2	2.7438
#3	3.1187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.7	41955.	3754.7	36.967	3241.5
Stddev	.7	108.	7.8	1.300	3.8
%RSD	.02022	.25726	.20734	3.5159	.11757

#1	3253.1	41883.	3756.9	36.360	3238.3
#2	3253.5	42079.	3746.1	36.083	3245.7
#3	3254.4	41904.	3761.2	38.460	3240.5

Sample Name: CCB02 Acquired: 5/30/2019 13:54:19 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	.00077	.00100	.00022	.00070	.00368	.00074	-.00006
Stddev	.00088	.00040	.00073	.00179	.00089	.01378	.00054	.00005
%RSD	41.065	52.214	72.951	821.94	128.36	374.39	72.920	82.655
#1	-.00122	.00031	.00097	.00216	.00111	-.00340	.00135	-.00003
#2	-.00298	.00106	.00175	-.00014	-.00033	-.00512	.00036	-.00004
#3	-.00226	.00093	.00029	-.00137	.00131	.01956	.00050	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01220	-.00056	-.00011	.00033	.00114	.00008	.03262
Stddev	.00004	.00435	.00014	.00006	.00037	.00044	.00007	.05831
%RSD	230.15	35.630	24.673	55.268	113.81	38.707	85.334	178.76
#1	-.00001	.01716	-.00071	-.00018	-.00010	.00154	.00016	.00686
#2	.00006	.01035	-.00050	-.00006	.00054	.00066	.00001	.09938
#3	.00000	.00908	-.00046	-.00010	.00055	.00122	.00008	-.00838
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00016	.04091	.00039	.00017	.01036	.00050	.00015
Stddev	.00005	.00030	.00661	.00014	.00010	.01829	.00010	.01127
%RSD	15.981	188.63	16.166	37.339	55.612	176.53	20.596	7478.2
#1	-.00038	.00050	.03402	.00044	.00024	-.00370	.00055	.00548
#2	-.00033	.00002	.04151	.00050	.00022	.03104	.00057	.00776
#3	-.00027	-.00005	.04721	.00022	.00006	.00375	.00038	-.01279
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00585	.00366	-.00003	-.00019	.00343	.0009	.00007	F 3.7163
Stddev	.00193	.00062	.00012	.00123	.00141	.0008	.00007	.4122
%RSD	32.921	16.850	415.77	638.86	41.023	82.69	97.796	11.091
#1	.00416	.00300	-.00004	.00030	.00477	.0012	.00002	3.6475
#2	.00544	.00423	.00010	.00072	.00355	.0001	.00014	4.1586
#3	.00795	.00375	-.00015	-.00159	.00197	.0015	.00004	3.3429

Sample Name: CCB02 Acquired: 5/30/2019 13:54:19 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15042 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .23532
Stddev	.20327
%RSD	86.381

#1	.46984
#2	.12647
#3	.10966

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.0	43980.	3746.4	37.138	3660.2
Stddev	12.8	48.	13.1	1.976	19.6
%RSD	.37714	.10884	.35094	5.3216	.53536

#1	3394.6	43941.	3740.8	39.261	3648.7
#2	3396.6	44034.	3736.9	36.800	3649.2
#3	3417.8	43966.	3761.4	35.352	3682.9

Sample Name: PB120171BL Acquired: 5/30/2019 13:58:48 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120171BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	.00097	.00054	.00189	-.00026	-.00164	.00081	-.00002
Stddev	.00200	.00066	.00099	.00186	.00110	.00320	.00055	.00005
%RSD	87.062	68.042	182.32	97.997	419.82	195.20	67.371	220.26
#1	-.00445	.00023	.00135	.00317	.00073	-.00506	.00120	.00002
#2	-.00195	.00118	.00084	-.00024	-.00006	.00129	.00019	-.00007
#3	-.00049	.00149	-.00056	.00275	-.00146	-.00115	.00104	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.01161	-.00052	.00002	-.00003	.00091	.00001	.04811
Stddev	.00005	.00619	.00026	.00017	.00021	.00045	.00008	.00592
%RSD	198.74	53.334	50.358	823.73	693.54	49.304	952.28	12.310
#1	-.00006	.01480	-.00041	-.00003	.00007	.00138	-.00009	.04266
#2	-.00005	.00447	-.00082	-.00012	-.00027	.00087	.00004	.05442
#3	.00003	.01555	-.00033	.00021	.00011	.00048	.00007	.04726
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00004	.02514	.00009	-.00004	-.02013	.00003	-.00360
Stddev	.00034	.00031	.00373	.00019	.00007	.02364	.00014	.01187
%RSD	90.813	807.29	14.828	221.24	176.08	117.47	424.13	330.00
#1	-.00058	-.00039	.02611	.00018	.00003	-.00280	-.00012	-.00387
#2	.00002	.00022	.02102	-.00013	-.00005	-.04706	.00012	.00840
#3	-.00055	.00005	.02829	.00021	-.00010	-.01052	.00010	-.01532
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	.00054	-.00050	.00105	.00172	-.0001	-.00007	F 3.6366
Stddev	.00322	.00122	.00045	.00080	.00057	.0013	.00005	.2519
%RSD	82.469	223.63	90.930	76.336	33.017	1861.	73.825	6.9265
#1	.00719	-.00074	-.00009	.00013	.00107	-.0002	-.00002	3.3719
#2	.00377	.00070	-.00098	.00147	.00197	.0013	-.00011	3.6646
#3	.00075	.00167	-.00041	.00154	.00212	-.0013	-.00007	3.8733

Sample Name: PB120171BL Acquired: 5/30/2019 13:58:48 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120171BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .17319
Stddev	.90747
%RSD	523.97

#1	-.87138
#2	.76734
#3	.62362

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3392.4	44008.	3775.9	36.936	3645.2
Stddev	7.1	106.	10.6	.939	10.1
%RSD	.20938	.24133	.28175	2.5412	.27790

#1	3398.6	43996.	3767.7	36.666	3649.3
#2	3394.0	43909.	3772.1	36.161	3652.7
#3	3384.7	44120.	3787.9	37.980	3633.7

Sample Name: PB120171BS Acquired: 5/30/2019 14:03:17 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120171BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73734	1.9505	.96267	1.8919	.75336	1.8704	.19686
Stddev	.00271	.0060	.00223	.0033	.00137	.0141	.00059
%RSD	.36712	.30828	.23147	.17565	.18193	.75254	.30045

#1	.74029	1.9445	.96032	1.8934	.75330	1.8711	.19717
#2	.73497	1.9505	.96295	1.8942	.75202	1.8560	.19617
#3	.73677	1.9565	.96475	1.8881	.75476	1.8841	.19722

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19189	.18775	1.0582	.40988	.19592	.30938	3.1142
Stddev	.00059	.00040	.0132	.00145	.00068	.00058	.0051
%RSD	.30678	.21220	1.2429	.35408	.34534	.18623	.16480

#1	.19175	.18732	1.0495	.40931	.19540	.30938	3.1086
#2	.19253	.18780	1.0733	.41153	.19567	.30995	3.1154
#3	.19138	.18812	1.0518	.40880	.19668	.30880	3.1187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20976	1.9697	.48743	.07079	2.9760	.30681	.18720
Stddev	.00098	.0316	.00082	.00045	.0115	.00168	.00009
%RSD	.46809	1.6053	.16909	.62918	.38606	.54790	.04729

#1	.21085	2.0056	.48654	.07031	2.9821	.30492	.18718
#2	.20949	1.9575	.48817	.07088	2.9628	.30737	.18712
#3	.20894	1.9460	.48758	.07118	2.9832	.30813	.18730

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5429	.40185	.27287	F -.00177	.90441	.66292	.20269
Stddev	.0353	.00065	.01512	.00176	.00259	.00156	.00433
%RSD	.36979	.16285	5.5429	99.800	.28608	.23598	2.1379

#1	9.5246	.40155	.28606	-.00160	.90561	.66385	.19849
#2	9.5205	.40260	.25636	-.00009	.90619	.66379	.20714
#3	9.5836	.40140	.27619	-.00361	.90144	.66111	.20245

Sample Name: PB120171BS Acquired: 5/30/2019 14:03:17 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120171BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20453	5.343	.20015	F 4.5143	F<.00000
Stddev	.00117	.008	.00048	.2111	.25728
%RSD	.57437	.1498	.23874	4.6764	51.702
#1	.20434	5.345	.19960	4.2732	-.77127
#2	.20579	5.334	.20040	4.6661	-.46094
#3	.20346	5.350	.20046	4.6036	-.26065
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.9	43927.	3788.5	37.667	3579.0
Stddev	24.1	121.	15.4	1.652	20.9
%RSD	.71477	.27654	.40686	4.3857	.58498
#1	3371.6	43802.	3790.2	36.830	3578.8
#2	3354.3	43933.	3772.3	36.602	3558.2
#3	3401.9	44045.	3803.0	39.570	3600.1

Sample Name: PB120188BL Acquired: 5/30/2019 14:07:26 Type: Unk
Method: P4-ICP2(v3158) 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	-.00118	.00145	.00098	-.00139	-.00006	.00137	.00044	-.00003
Stddev	.00142	.00062	.00030	.00141	.00034	.00138	.00045	.00007
%RSD	120.82	43.167	30.599	101.79	618.74	101.08	101.12	256.21
#1	.00040	.00196	.00111	-.00066	.00027	.00295	.00094	-.00009
#2	-.00235	.00075	.00064	-.00302	-.00003	.00076	.00007	.00004
#3	-.00159	.00163	.00120	-.00049	-.00041	.00040	.00032	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00898	-.00011	.00004	.00012	.00034	-.00003	-.04558
Stddev	.00005	.00618	.00037	.00015	.00022	.00028	.00007	.02091
%RSD	430.95	68.797	334.03	407.17	190.10	80.712	213.58	45.884
#1	-.00002	.01243	.00029	-.00013	.00004	.00053	-.00002	-.05961
#2	.00004	.01268	-.00018	.00016	.00037	.00002	.00003	-.05558
#3	-.00006	.00185	-.00043	.00008	-.00005	.00048	-.00010	-.02154
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00020	.00212	.00023	-.00009	-.01953	.00013	.00621
Stddev	.00039	.00033	.00427	.00015	.00002	.03531	.00007	.01414
%RSD	67.839	163.16	201.82	67.821	29.344	180.79	58.255	227.71
#1	-.00019	-.00004	.00248	.00039	-.00009	.00213	.00014	.02161
#2	-.00056	-.00057	-.00232	.00021	-.00011	-.00044	.00020	.00320
#3	-.00097	.00001	.00620	.00008	-.00006	-.06028	.00005	-.00618
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00464	.00162	-.00120	-.00052	.00090	.0005	-.00008	F 3.4678
Stddev	.00440	.00209	.00058	.00118	.00121	.0006	.00009	.1661
%RSD	94.774	128.75	48.435	226.85	134.48	120.4	117.93	4.7895
#1	-.00034	.00204	-.00064	-.00104	-.00034	.0006	-.00017	3.4000
#2	.00797	-.00064	-.00180	-.00135	.00209	-.0001	-.00008	3.6570
#3	.00629	.00348	-.00115	.00083	.00095	.0010	.00001	3.3462

Sample Name: PB120188BL Acquired: 5/30/2019 14:07:26 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .17592
Stddev .34120
%RSD 193.95

#1 -.02775
#2 -.01431
#3 .56982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.9	43576.	3728.1	38.192	3650.3
Stddev	6.9	86.	6.8	.338	2.9
%RSD	.20383	.19792	.18164	.88396	.08050

#1	3396.9	43481.	3720.7	38.498	3649.9
#2	3386.0	43649.	3729.9	37.830	3647.6
#3	3398.8	43597.	3733.9	38.248	3653.4

Sample Name: PB120188BS Acquired: 5/30/2019 14:11:54 Type: Unk
Method: P4-ICP2(v3158) 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	.72050	1.8779	.93131	1.8201	.72973	1.8663	.19261
Stddev	.00331	.0072	.00153	.0051	.00201	.0221	.00244
%RSD	.45960	.38517	.16389	.28248	.27611	1.1824	1.2661

#1	.72386	1.8718	.93053	1.8254	.73158	1.8409	.18998
#2	.72041	1.8761	.93033	1.8152	.72758	1.8803	.19304
#3	.71724	1.8859	.93306	1.8198	.73002	1.8777	.19480

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18429	.18148	1.0579	.40354	.18992	.30257	3.0425
Stddev	.00011	.00012	.0175	.00127	.00033	.00060	.0063
%RSD	.06210	.06876	1.6522	.31486	.17520	.19696	.20746

#1	.18421	.18140	1.0708	.40311	.18987	.30321	3.0497
#2	.18442	.18143	1.0380	.40254	.18962	.30203	3.0395
#3	.18425	.18163	1.0650	.40497	.19028	.30246	3.0382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20345	1.9272	.47452	.06914	2.9194	.30134	.18021
Stddev	.00034	.0668	.00040	.00059	.0148	.00102	.00043
%RSD	.16614	3.4670	.08532	.85759	.50676	.33957	.23661

#1	.20331	1.8541	.47484	.06974	2.9043	.30244	.17973
#2	.20321	1.9425	.47406	.06856	2.9202	.30118	.18041
#3	.20384	1.9851	.47466	.06911	2.9338	.30041	.18051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4887	.39679	.26732	F -.00076	.92433	.64310	.20103
Stddev	.0935	.00054	.01339	.00387	.02945	.00121	.00628
%RSD	.98591	.13626	5.0078	509.19	3.1856	.18753	3.1260

#1	9.3816	.39637	.26278	-.00297	.95832	.64179	.20817
#2	9.5547	.39661	.25679	-.00301	.90670	.64417	.19859
#3	9.5297	.39740	.28238	.00370	.90796	.64334	.19633

Sample Name: PB120188BS Acquired: 5/30/2019 14:11:54 Type: Unk
Method: P4-ICP2(v3158) 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	.20809	5.136	.19974	F 2.7058	F<.00000
Stddev	.00472	.004	.00517	.1214	.06361
%RSD	2.2695	.0762	2.5866	4.4860	7.7738
#1	.21325	5.140	.20556	2.5746	-.82958
#2	.20397	5.135	.19570	2.7288	-.87543
#3	.20707	5.132	.19794	2.8140	-.74974
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3351.5	43635.	3706.8	37.365	3576.1
Stddev	8.0	50.	112.3	1.177	5.9
%RSD	.23895	.11468	3.0306	3.1507	.16374
#1	3350.1	43600.	3577.2	36.159	3577.8
#2	3360.1	43612.	3776.9	38.511	3580.9
#3	3344.2	43692.	3766.2	37.425	3569.5

Sample Name: PB120188TB Acquired: 5/30/2019 14:16:00 Type: Unk
Method: P4-ICP2(v3158) 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	-.00190	-.00280	.00044	.00403	.00084	-.00104	.00008	-.00007
Stddev	.00369	.00068	.00095	.00061	.00083	.00631	.00018	.00004
%RSD	193.63	24.452	214.62	15.246	98.757	608.25	227.41	60.766
#1	-.00581	-.00353	-.00057	.00470	.00167	-.00082	-.00003	-.00006
#2	.00151	-.00218	.00058	.00350	.00001	-.00746	-.00002	-.00012
#3	-.00142	-.00269	.00131	.00389	.00084	.00516	.00029	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.02230	.00031	-.00027	.00019	.00202	.00006	-.02361
Stddev	.00003	.00620	.00054	.00012	.00010	.00016	.00002	.06293
%RSD	31.315	27.816	172.53	45.885	51.886	8.0843	27.984	266.50
#1	-.00013	.01584	.00071	-.00028	.00030	.00218	.00004	.01505
#2	-.00010	.02821	.00053	-.00014	.00015	.00185	.00007	.01034
#3	-.00007	.02286	-.00030	-.00039	.00011	.00202	.00006	-.09623
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	.00181	F 293.11	.00009	.00253	-.00418	.00010	.00013
Stddev	.00014	.00033	1.96	.00035	.00005	.03452	.00029	.01282
%RSD	12.086	18.411	.66891	393.12	2.0098	826.77	306.08	9756.0
#1	.00131	.00200	292.68	-.00011	.00250	-.00406	.00014	-.01397
#2	.00108	.00143	295.25	.00049	.00259	-.03876	.00036	.00328
#3	.00106	.00201	291.40	-.00012	.00249	.03029	-.00022	.01109
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00930	.00803	.00002	-.00002	.00041	.0007	.00003	5.5012
Stddev	.00064	.00059	.00085	.00133	.00135	.0014	.00006	.1135
%RSD	6.8349	7.3780	3838.2	7651.0	330.25	195.3	236.27	2.0623
#1	.00860	.00828	-.00045	-.00152	.00196	.0003	.00001	5.5019
#2	.00949	.00735	-.00049	.00101	-.00036	-.0004	.00010	5.3874
#3	.00983	.00846	.00101	.00046	-.00037	.0022	-.00002	5.6144

Sample Name: PB120188TB Acquired: 5/30/2019 14:16:00 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.32017
Stddev	.23595
%RSD	73.696

#1	.07933
#2	.55091
#3	.33028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.3	40697.	3731.4	36.183	3208.1
Stddev	5.9	76.	1.2	.766	8.1
%RSD	.18484	.18730	.03176	2.1175	.25366

#1	3191.7	40762.	3732.1	35.334	3208.7
#2	3180.6	40613.	3732.0	36.823	3199.8
#3	3189.7	40718.	3730.0	36.393	3216.0

Sample Name: K3084-01 Acquired: 5/30/2019 14:20:36 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18709	.01005	.06651	.00696	.00358	84.635	.14725	.01376
Stddev	.00223	.00104	.00060	.00359	.00105	.624	.00093	.00030
%RSD	1.1929	10.374	.89900	51.587	29.400	.73691	.63445	2.1942

#1	.18950	.01063	.06625	.00484	.00238	83.976	.14627	.01341
#2	.18668	.01067	.06609	.01110	.00406	85.216	.14734	.01390
#3	.18510	.00884	.06720	.00493	.00431	84.714	.14814	.01396

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00448	7.9080	.81768	.01740	.02890	195.16	.25213	9.8710
Stddev	.00011	.0099	.00238	.00023	.00060	.58	.00018	.0746
%RSD	2.3572	.12483	.29124	1.3110	2.0878	.29855	.07325	.75590

#1	-.00446	7.9186	.81883	.01716	.02957	195.24	.25193	9.8049
#2	-.00460	7.9064	.81927	.01741	.02840	195.70	.25229	9.8563
#3	-.00439	7.8990	.81494	.01762	.02873	194.54	.25217	9.9519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02230	-.01953	.23646	1.1199	.25608	22.764	-.00061	.11889
Stddev	.00041	.00017	.00328	.0018	.00027	.147	.00009	.00395
%RSD	1.8462	.85342	1.3855	.16008	.10668	.64645	14.805	3.3211

#1	.02184	-.01940	.23481	1.1190	.25595	22.615	-.00071	.12007
#2	.02242	-.01946	.23433	1.1220	.25639	22.909	-.00058	.11448
#3	.02264	-.01972	.24023	1.1188	.25589	22.766	-.00054	.12211

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31370	4.4084	.00752	.93152	.01658	2.316	-.15828	<.00000
Stddev	.00538	.0455	.00032	.00675	.00095	.003	.00054	.45980
%RSD	1.7136	1.0327	4.2469	.72498	5.7061	.1241	.34178	8.5971

#1	.31938	4.4499	.00786	.93832	.01742	2.316	-.15864	-4.8199
#2	.30870	4.4155	.00724	.93144	.01675	2.319	-.15855	-5.6571
#3	.31301	4.3597	.00745	.92481	.01556	2.314	-.15766	-5.5679

Sample Name: K3084-01 Acquired: 5/30/2019 14:20:36 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 74.445
 Stddev .503
 %RSD .67526

#1 74.412
 #2 73.960
 #3 74.964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.5	50597.	4586.2	38.801	3348.3
Stddev	22.5	111.	51.8	.163	9.6
%RSD	.57865	.21975	1.1299	.42033	.28579

#1	3867.9	50563.	4533.0	38.962	3343.5
#2	3897.4	50507.	4589.1	38.805	3342.0
#3	3912.2	50722.	4636.6	38.636	3359.3

Sample Name: K3084-03 Acquired: 5/30/2019 14:25:07 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18432	.00857	.11940	-.01118	.00646	119.83	.16059	.02139
Stddev	.00066	.00158	.00160	.00064	.00197	.52	.00063	.00010
%RSD	.35978	18.437	1.3383	5.7233	30.443	.43136	.39433	.45880
#1	.18465	.00832	.12007	-.01188	.00451	119.63	.16044	.02131
#2	.18476	.00713	.12055	-.01063	.00642	119.44	.16004	.02150
#3	.18356	.01026	.11757	-.01103	.00844	120.41	.16128	.02136
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	5.9392	1.1452	.02774	.05766	275.48	.36404	11.489
Stddev	.00012	.0550	.0021	.00015	.00110	1.29	.00037	.133
%RSD	18.665	.92678	.18416	.55544	1.9128	.46693	.10091	1.1578
#1	.00054	5.8809	1.1435	.02756	.05811	274.99	.36446	11.425
#2	.00057	5.9903	1.1476	.02780	.05640	276.94	.36379	11.401
#3	.00076	5.9463	1.1445	.02785	.05846	274.51	.36387	11.643
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03832	-.03603	.82789	1.6785	.45077	22.824	-.00151	.01279
Stddev	.00020	.00051	.00625	.0034	.00126	.048	.00026	.01963
%RSD	.52420	1.4260	.75477	.20113	.28061	.21198	16.915	153.46
#1	.03818	-.03546	.82397	1.6802	.44943	22.769	-.00130	.02785
#2	.03823	-.03646	.82460	1.6746	.45194	22.841	-.00143	.01994
#3	.03855	-.03617	.83510	1.6808	.45094	22.862	-.00180	-.00941
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2304	2.6863	.01311	1.3733	.02291	3.153	-.25133	<.00000
Stddev	.0070	.0298	.00112	.0113	.00098	.005	.00130	.47464
%RSD	.31549	1.1078	8.5812	.82472	4.2560	.1523	.51568	4.0498
#1	2.2224	2.6731	.01190	1.3604	.02402	3.153	-.25091	-11.786
#2	2.2332	2.7204	.01413	1.3819	.02253	3.158	-.25279	-12.158
#3	2.2356	2.6654	.01330	1.3774	.02218	3.148	-.25030	-11.216

Sample Name: K3084-03 Acquired: 5/30/2019 14:25:07 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-7 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 120.90
Stddev .64
%RSD .53165

#1 120.25
#2 121.54
#3 120.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4220.7	54804.	5097.7	37.917	3234.9
Stddev	5.5	26.	34.7	1.052	12.3
%RSD	.13000	.04824	.67976	2.7744	.38053

#1	4220.0	54775.	5091.7	37.509	3244.7
#2	4215.5	54827.	5066.5	39.112	3221.0
#3	4226.5	54810.	5135.0	37.130	3238.9

Sample Name: K3084-05 Acquired: 5/30/2019 14:29:34 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12368	.00075	.10521	.00072	.00270	87.356	.08055	.01460
Stddev	.00061	.00134	.00084	.00111	.00062	.425	.00044	.00003
%RSD	.49084	179.35	.79900	153.54	23.094	.48656	.54344	.17907

#1	.12321	-.00072	.10429	.00183	.00198	86.926	.08005	.01458
#2	.12347	.00192	.10594	.00074	.00310	87.365	.08083	.01459
#3	.12437	.00104	.10540	-.00040	.00303	87.776	.08078	.01463

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	3.1893	.67456	.02403	.02801	176.82	.21793	8.1534
Stddev	.00009	.0117	.00154	.00031	.00129	.57	.00023	.0603
%RSD	79.936	.36720	.22790	1.2933	4.6208	.32480	.10341	.73918

#1	-.00001	3.1764	.67288	.02431	.02836	176.98	.21787	8.0854
#2	-.00018	3.1992	.67490	.02370	.02657	177.30	.21818	8.2000
#3	-.00013	3.1924	.67590	.02409	.02909	176.19	.21774	8.1749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03258	-.02012	.20852	1.1098	.34387	19.589	-.00140	.06088
Stddev	.00037	.00021	.00329	.0016	.00252	.039	.00019	.00591
%RSD	1.1508	1.0252	1.5795	.14164	.73426	.19932	13.385	9.7130

#1	.03293	-.02014	.21226	1.1108	.34279	19.548	-.00136	.06426
#2	.03219	-.02031	.20723	1.1106	.34676	19.592	-.00124	.06434
#3	.03261	-.01990	.20607	1.1080	.34207	19.626	-.00161	.05405

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8162	3.3678	.01000	.94106	.01533	2.305	-.16281	<.00000
Stddev	.0005	.0112	.00132	.00220	.00057	.004	.00070	.61552
%RSD	.02824	.33194	13.217	.23420	3.7046	.1614	.43154	4.3003

#1	1.8168	3.3785	.01115	.94333	.01560	2.309	-.16296	-13.896
#2	1.8158	3.3686	.00855	.93893	.01468	2.303	-.16344	-14.024
#3	1.8161	3.3562	.01030	.94092	.01572	2.302	-.16205	-15.020

Sample Name: K3084-05 Acquired: 5/30/2019 14:29:34 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-8 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 81.544
 Stddev .534
 %RSD .65427

#1 81.869
 #2 81.833
 #3 80.928

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4757.2	61517.	5572.9	36.873	3354.0
Stddev	2.5	85.	39.0	.773	24.6
%RSD	.05270	.13815	.70026	2.0951	.73360

#1	4759.8	61615.	5533.2	37.756	3360.6
#2	4754.8	61472.	5574.2	36.325	3326.8
#3	4756.9	61464.	5611.2	36.537	3374.7

Sample Name: K3084-07 Acquired: 5/30/2019 14:34:05 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16245	.00778	.10788	-.00774	.00657	129.20	.08743	.02439
Stddev	.00103	.00080	.00095	.00130	.00101	.36	.00089	.00009
%RSD	.63702	10.282	.88315	16.752	15.324	.27536	1.0147	.37319
#1	.16151	.00840	.10784	-.00752	.00769	128.87	.08809	.02450
#2	.16356	.00807	.10694	-.00656	.00624	129.15	.08777	.02436
#3	.16229	.00688	.10884	-.00913	.00576	129.58	.08642	.02432
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	5.2690	1.3447	.03844	.05776	288.59	.45423	11.829
Stddev	.00006	.0198	.0025	.00021	.00072	.91	.00110	.018
%RSD	8.3477	.37633	.18800	.54506	1.2387	.31563	.24310	.14811
#1	.00063	5.2485	1.3434	.03836	.05694	289.63	.45506	11.832
#2	.00075	5.2881	1.3476	.03828	.05819	287.95	.45297	11.810
#3	.00068	5.2704	1.3430	.03868	.05816	288.18	.45464	11.844
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05316	-.03869	.72735	1.7675	.59009	26.235	-.00276	.01770
Stddev	.00091	.00011	.00484	.0030	.00162	.030	.00005	.01814
%RSD	1.7048	.27727	.66548	.16722	.27414	.11256	1.9674	102.45
#1	.05420	-.03881	.72887	1.7709	.59195	26.269	-.00271	.03608
#2	.05256	-.03859	.73124	1.7655	.58926	26.221	-.00282	.01721
#3	.05271	-.03867	.72193	1.7660	.58905	26.215	-.00277	-.00018
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2812	2.7616	.01288	1.6685	.03022	3.240	-.29635	<.00000
Stddev	.0084	.0126	.00080	.0037	.00120	.014	.00099	.76447
%RSD	.36857	.45475	6.2411	.22154	3.9631	.4233	.33565	6.8759
#1	2.2897	2.7735	.01380	1.6642	.03119	3.255	-.29749	-10.401
#2	2.2728	2.7627	.01235	1.6705	.03060	3.230	-.29567	-11.923
#3	2.2812	2.7485	.01249	1.6707	.02888	3.233	-.29589	-11.030

Sample Name: K3084-07 Acquired: 5/30/2019 14:34:05 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-9 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 125.70
Stddev	.39
%RSD	.31265

#1	126.10
#2	125.32
#3	125.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4193.2	54292.	5010.1	38.774	3230.6
Stddev	4.4	173.	25.1	.520	10.4
%RSD	.10520	.31803	.50082	1.3403	.32184

#1	4189.2	54249.	4988.0	38.532	3219.1
#2	4197.9	54145.	5005.0	39.370	3239.3
#3	4192.5	54482.	5037.4	38.419	3233.5

Sample Name: K3084-09 Acquired: 5/30/2019 14:38:34 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12894	-.00819	.16276	-.00066	.00290	78.667	.07331	.01454
Stddev	.00114	.00078	.00116	.00242	.00049	.726	.00052	.00015
%RSD	.88110	9.5229	.71523	366.67	16.861	.92301	.70610	1.0103
#1	.12990	-.00849	.16148	.00117	.00287	77.831	.07275	.01451
#2	.12924	-.00877	.16305	.00025	.00341	79.039	.07377	.01470
#3	.12769	-.00730	.16375	-.00340	.00243	79.133	.07341	.01442
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	3.9098	.73664	.15960	.02859	173.68	1.1641	7.2325
Stddev	.00027	.0066	.00155	.00086	.00048	.82	.0013	.0516
%RSD	4.3553	.16759	.21038	.54180	1.6771	.47370	.10779	.71354
#1	.00642	3.9169	.73603	.16003	.02806	173.01	1.1627	7.1751
#2	.00602	3.9083	.73550	.16017	.02899	173.42	1.1649	7.2472
#3	.00592	3.9041	.73841	.15861	.02872	174.60	1.1648	7.2751
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04278	-.02223	.51916	1.0538	.47449	15.586	.00156	.01661
Stddev	.00030	.00011	.01102	.0010	.00553	.111	.00010	.00828
%RSD	.69107	.51579	2.1225	.09015	1.1658	.71157	6.2684	49.878
#1	.04272	-.02236	.50656	1.0543	.47958	15.458	.00150	.01717
#2	.04252	-.02215	.52390	1.0545	.47531	15.653	.00168	.00806
#3	.04310	-.02219	.52702	1.0527	.46860	15.646	.00152	.02460
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6680	1.6850	.01164	1.0028	.00951	2.628	-.13930	<.00000
Stddev	.0093	.0197	.00047	.0032	.00058	.004	.00084	.34428
%RSD	.55964	1.1709	3.9957	.32259	6.1185	.1621	.60057	1.3234
#1	1.6588	1.7013	.01156	.99941	.00993	2.629	-.13884	-25.622
#2	1.6775	1.6907	.01122	1.0059	.00975	2.624	-.13880	-26.264
#3	1.6678	1.6631	.01214	1.0031	.00885	2.632	-.14027	-26.159

Sample Name: K3084-09 Acquired: 5/30/2019 14:38:34 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-10 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 100.68
 Stddev .42
 %RSD .42015

#1 100.26
 #2 101.11
 #3 100.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5779.1	75199.	6970.8	39.311	3303.5
Stddev	31.2	206.	54.8	.503	38.2
%RSD	.53997	.27340	.78643	1.2798	1.1549

#1	5749.1	75435.	6910.0	38.961	3265.6
#2	5776.9	75099.	6985.9	39.887	3302.9
#3	5811.4	75062.	7016.5	39.083	3341.9

Sample Name: CCV03 Acquired: 5/30/2019 14:43:01 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9799	4.9854	4.9477	5.0069	4.9594	9.8463	9.9434	.25242
Stddev	.0071	.0107	.0028	.0037	.0023	.0379	.0234	.00066
%RSD	.14176	.21532	.05713	.07359	.04603	.38440	.23581	.25981
#1	4.9760	4.9907	4.9448	5.0032	4.9598	9.8080	9.9308	.25301
#2	4.9757	4.9925	4.9505	5.0106	4.9569	9.8836	9.9704	.25172
#3	4.9881	4.9731	4.9477	5.0068	4.9614	9.8473	9.9289	.25253
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4672	25.117	1.0020	2.4686	1.2525	5.0659	2.5497	24.900
Stddev	.0018	.073	.0024	.0004	.0022	.0123	.0013	.138
%RSD	.07219	.29173	.23619	.01532	.17242	.24282	.05046	.55401
#1	2.4676	25.033	1.0021	2.4685	1.2538	5.0770	2.5500	24.776
#2	2.4652	25.152	.99950	2.4682	1.2500	5.0679	2.5483	24.875
#3	2.4687	25.166	1.0042	2.4690	1.2538	5.0527	2.5509	25.049
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4703	1.2493	24.817	2.5111	2.4752	24.470	4.9935	4.8744
Stddev	.0013	.0006	.062	.0012	.0022	.119	.0032	.0274
%RSD	.05158	.04750	.24898	.04867	.08897	.48798	.06441	.56174
#1	2.4700	1.2488	24.750	2.5123	2.4775	24.365	4.9912	4.8429
#2	2.4692	1.2492	24.830	2.5098	2.4750	24.444	4.9922	4.8887
#3	2.4717	1.2500	24.871	2.5111	2.4732	24.600	4.9972	4.8917
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9471	4.9276	4.9220	5.0024	4.9269	5.053	5.0541	F 5.5086
Stddev	.0113	.0276	.0010	.0126	.0188	.013	.0151	.1233
%RSD	.22824	.55939	.02010	.25177	.38186	.2489	.29798	2.2389
#1	4.9542	4.9108	4.9229	4.9879	4.9331	5.065	5.0502	5.6335
#2	4.9530	4.9125	4.9222	5.0086	4.9058	5.054	5.0413	5.3869
#3	4.9341	4.9594	4.9210	5.0108	4.9419	5.040	5.0707	5.5053

Sample Name: CCV03 Acquired: 5/30/2019 14:43:01 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15041 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7879
Stddev .4159
%RSD 14.916

#1 2.5390
#2 3.2680
#3 2.5567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3280.0	42367.	3823.7	36.233	3271.0
Stddev	8.0	85.	15.1	.863	7.9
%RSD	.24327	.20145	.39618	2.3830	.24106

#1	3271.5	42269.	3811.0	35.821	3262.0
#2	3287.3	42410.	3840.5	35.653	3275.1
#3	3281.1	42422.	3819.5	37.225	3276.1

Sample Name: CCB03 Acquired: 5/30/2019 15:30:20 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00017	-.00210	-.00118	-.00070	.00294	-.00013
Stddev	.00034	.00058	.00059	.00106	.00163	.00592	.00043
%RSD	81.042	335.27	28.261	90.047	234.34	201.15	328.78

#1	.00015	.00034	-.00191	-.00008	.00118	-.00108	-.00059
#2	.00030	-.00005	-.00276	-.00219	-.00153	.00974	.00026
#3	.00080	-.00081	-.00162	-.00126	-.00175	.00017	-.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00005	.00251	.00006	.00001	-.00041	-.00169
Stddev	.00005	.00003	.00507	.00029	.00022	.00033	.00055
%RSD	66.214	54.208	202.01	495.23	1638.8	80.126	32.687

#1	-.00012	-.00002	.00734	.00033	.00022	-.00003	-.00194
#2	-.00011	-.00007	-.00277	-.00024	-.00022	-.00059	-.00208
#3	-.00002	-.00006	.00295	.00009	.00004	-.00060	-.00106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.01606	.00045	.00003	-.05669	.00012	-.00056
Stddev	.00002	.02695	.00024	.00045	.00912	.00016	.00003
%RSD	11.207	167.79	52.714	1738.3	16.094	132.30	6.0981

#1	-.00014	-.01308	.00065	-.00038	-.05614	.00019	-.00054
#2	-.00017	.02118	.00051	-.00005	-.06607	-.00006	-.00060
#3	-.00014	.04008	.00019	.00051	-.04785	.00024	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07810	-.00005	-.01745	F .01593	-.00272	-.00192	.00080
Stddev	.02238	.00016	.02049	.00217	.00122	.00037	.00024
%RSD	28.650	348.20	117.43	13.646	44.892	19.478	29.562

#1	-.10232	.00009	-.04093	.01436	-.00180	-.00171	.00056
#2	-.05820	-.00001	-.00819	.01842	-.00410	-.00170	.00080
#3	-.07378	-.00023	-.00322	.01503	-.00226	-.00235	.00103

Sample Name: CCB03 Acquired: 5/30/2019 15:30:20 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB03 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00473	-0.0009	-0.00003	F<.00000	F<.00000
Stddev	.00069	.0010	.00007	.17391	.18918
%RSD	14.594	116.6	223.59	65.838	45.111

#1	-0.00394	-0.0021	.00002	-.44565	-.25870
#2	-0.00511	-0.0001	-0.00000	-.09897	-.37152
#3	-0.00515	-0.0005	-0.00012	-.24784	-.62787

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3480.5	45362.	3924.6	38.397	3816.0
Stddev	2.9	107.	25.4	1.774	4.4
%RSD	.08475	.23628	.64654	4.6188	.11542

#1	3481.0	45307.	3946.6	36.673	3819.3
#2	3483.2	45486.	3930.4	38.302	3817.7
#3	3477.3	45294.	3896.8	40.216	3811.0

Sample Name: K3090-03 Acquired: 5/30/2019 15:34:54 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01365	-.00127	.03597	.00555	.00278	54.664	.18513	.00685
Stddev	.00155	.00062	.00033	.00121	.00081	.169	.00182	.00007
%RSD	11.376	48.439	.91952	21.799	29.158	.30959	.98190	1.0835

#1	.01543	-.00056	.03634	.00475	.00193	54.487	.18320	.00689
#2	.01296	-.00158	.03571	.00495	.00286	54.679	.18538	.00689
#3	.01256	-.00167	.03585	.00694	.00355	54.825	.18680	.00676

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00330	5.8558	.05100	.03988	.08286	95.708	2.6406	14.843
Stddev	.00004	.0273	.00042	.00012	.00036	.285	.0045	.148
%RSD	1.1481	.46573	.81669	.29413	.42974	.29818	.16880	.99497

#1	-.00327	5.8440	.05148	.03991	.08272	95.395	2.6365	14.729
#2	-.00329	5.8870	.05074	.03975	.08258	95.774	2.6400	14.791
#3	-.00334	5.8364	.05078	.03998	.08326	95.955	2.6454	15.010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07171	-.00802	5.8885	.09422	.17438	3.8633	.00015	.00951
Stddev	.00059	.00047	.0361	.00076	.00041	.0074	.00007	.00119
%RSD	.82208	5.9096	.61340	.80446	.23541	.19050	44.685	12.528

#1	.07176	-.00820	5.8694	.09401	.17458	3.8568	.00015	.01051
#2	.07228	-.00837	5.8660	.09360	.17390	3.8619	.00021	.00819
#3	.07110	-.00748	5.9302	.09507	.17464	3.8713	.00008	.00981

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39240	2.7586	.00347	1.1357	.05492	2.995	-.06667	<.00000
Stddev	.00322	.0466	.00115	.0069	.00068	.005	.00016	.34858
%RSD	.81956	1.6890	33.219	.61194	1.2451	.1743	.24163	24.134

#1	.39111	2.8086	.00243	1.1278	.05467	2.997	-.06648	-1.7041
#2	.39003	2.7509	.00471	1.1407	.05569	2.989	-.06679	-1.5807
#3	.39606	2.7164	.00327	1.1386	.05439	2.998	-.06673	-1.0482

Sample Name: K3090-03 Acquired: 5/30/2019 15:34:54 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 33.607
 Stddev .305
 %RSD .90864

#1 33.332
 #2 33.936
 #3 33.553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.9	47921.	4338.4	39.115	3446.3
Stddev	5.8	169.	42.1	2.276	8.3
%RSD	.15735	.35277	.97097	5.8192	.24082

#1	3710.8	47839.	4321.3	36.502	3450.2
#2	3699.1	47809.	4307.4	40.666	3436.7
#3	3704.9	48116.	4386.3	40.176	3451.9

Sample Name: K3090-09 Acquired: 5/30/2019 15:39:30 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00893	-.00197	.01343	.00571	.00211	37.621	.17216	.00439
Stddev	.00037	.00036	.00090	.00148	.00130	.291	.00107	.00009
%RSD	4.1173	18.363	6.6971	25.941	61.793	.77228	.62139	2.1614

#1	.00933	-.00206	.01239	.00584	.00159	37.387	.17114	.00431
#2	.00860	-.00228	.01399	.00712	.00359	37.946	.17328	.00450
#3	.00885	-.00157	.01391	.00417	.00115	37.529	.17208	.00437

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00326	3.9659	.03617	.03526	.06783	83.239	1.9135	12.413
Stddev	.00011	.0187	.00067	.00017	.00046	.695	.0032	.089
%RSD	3.2227	.47037	1.8633	.48191	.67823	.83531	.16696	.71382

#1	-.00323	3.9470	.03550	.03512	.06732	82.681	1.9147	12.316
#2	-.00338	3.9664	.03685	.03545	.06798	84.018	1.9159	12.489
#3	-.00317	3.9843	.03616	.03521	.06820	83.017	1.9099	12.433

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05774	-.00684	2.0947	.07063	.14332	2.5342	-.00003	.01531
Stddev	.00029	.00020	.0242	.00035	.00065	.0046	.00014	.01101
%RSD	.49379	2.9560	1.1553	.50014	.45262	.18003	417.75	71.916

#1	.05807	-.00696	2.0792	.07094	.14407	2.5322	.00004	.02746
#2	.05761	-.00695	2.1226	.07071	.14289	2.5394	.00006	.01245
#3	.05755	-.00660	2.0824	.07025	.14301	2.5309	-.00019	.00601

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25260	1.6211	.00168	.99528	.04681	2.263	-.06868	<.00000
Stddev	.00117	.0253	.00025	.00208	.00026	.010	.00078	.28617
%RSD	.46366	1.5579	14.848	.20934	.56545	.4401	1.1399	21.710

#1	.25392	1.6034	.00146	.99331	.04663	2.275	-.06820	-1.2957
#2	.25167	1.6500	.00162	.99746	.04668	2.259	-.06958	-1.6149
#3	.25221	1.6098	.00195	.99507	.04711	2.256	-.06825	-1.0439

Sample Name: K3090-09 Acquired: 5/30/2019 15:39:30 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 28.868
 Stddev .015
 %RSD .05233

#1 28.857
 #2 28.862
 #3 28.885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3692.2	47745.	4272.8	38.645	3515.5
Stddev	7.0	248.	9.2	.587	6.1
%RSD	.19056	.51917	.21500	1.5193	.17429

#1	3698.6	47795.	4263.6	39.259	3515.2
#2	3684.7	47475.	4273.0	38.586	3509.6
#3	3693.1	47964.	4281.9	38.090	3521.8

Sample Name: K2642-08 Acquired: 5/30/2019 15:43:59 Type: Unk
Method: P4-ICP2(v3158) 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	-.00326	-.00187	.02475	.00174	-.00095	.09120	.09019	.00000
Stddev	.00042	.00089	.00111	.00193	.00055	.00486	.00037	.00007
%RSD	12.794	47.623	4.4925	111.05	57.739	5.3329	.41270	3759.8

#1	-.00296	-.00288	.02591	.00070	-.00034	.08949	.09018	.00004
#2	-.00373	-.00154	.02369	.00055	-.00110	.08742	.09056	.00004
#3	-.00308	-.00119	.02466	.00396	-.00141	.09669	.08981	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	18.413	-.00004	.00270	.00643	.11381	.60440	2.6362
Stddev	.00004	.023	.00037	.00020	.00020	.00103	.00167	.0736
%RSD	10.891	.12349	840.45	7.4631	3.1512	.90188	.27652	2.7938

#1	.00032	18.392	.00035	.00293	.00625	.11433	.60630	2.5922
#2	.00030	18.411	-.00038	.00256	.00640	.11263	.60370	2.5952
#3	.00037	18.437	-.00009	.00260	.00665	.11448	.60319	2.7213

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00017	267.36	-.00139	.04014	.71484	.00023	.01864
Stddev	.00028	.00014	.89	.00022	.00022	.01417	.00020	.02092
%RSD	18.813	79.108	.33157	16.131	.56023	1.9826	86.201	112.18

#1	.00169	-.00002	266.45	-.00129	.04031	.72504	.00000	-.00493
#2	.00156	-.00028	267.42	-.00165	.04023	.72081	.00033	.03497
#3	.00116	-.00021	268.22	-.00124	.03988	.69866	.00037	.02590

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14298	.43369	-.00011	.00321	-.00048	.0061	.05137	4.4202
Stddev	.00306	.00369	.00075	.00169	.00087	.0012	.00029	.2349
%RSD	2.1432	.84987	652.00	52.714	180.94	19.61	.55919	5.3144

#1	.14651	.43483	.00072	.00441	.00020	.0049	.05154	4.4875
#2	.14138	.43666	-.00033	.00395	-.00146	.0060	.05154	4.6142
#3	.14105	.42957	-.00073	.00127	-.00018	.0073	.05104	4.1590

Sample Name: K2642-08 Acquired: 5/30/2019 15:43:59 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .62858
 Stddev .36923
 %RSD 58.740

#1 1.0535
 #2 .44614
 #3 .38607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.6	42045.	3883.8	36.282	3299.3
Stddev	19.7	240.	35.1	.708	23.1
%RSD	.59584	.57168	.90474	1.9513	.70162

#1	3279.1	41770.	3844.1	36.289	3277.7
#2	3298.5	42151.	3896.3	35.570	3296.5
#3	3318.4	42213.	3911.0	36.986	3323.7

Sample Name: K2642-08DUP Acquired: 5/30/2019 15:48:33 Type: Unk
Method: P4-ICP2(v3158) 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	-.00148	-.00362	.02530	.00293	-.00035	.09989	.08943	.00000
Stddev	.00113	.00022	.00104	.00228	.00121	.00613	.00006	.00009
%RSD	76.518	6.1587	4.0997	77.720	343.35	6.1351	.06151	2073.3

#1	-.00278	-.00361	.02511	.00551	-.00173	.10333	.08950	-.00004
#2	-.00082	-.00341	.02437	.00209	.00021	.10354	.08940	.00010
#3	-.00084	-.00385	.02642	.00119	.00047	.09282	.08940	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	18.342	-.00023	.00269	.00680	.11189	.60145	2.6271
Stddev	.00009	.205	.00055	.00011	.00007	.00125	.00082	.0621
%RSD	37.023	1.1167	243.02	4.0208	1.0684	1.1189	.13568	2.3631

#1	.00017	18.112	-.00037	.00280	.00678	.11320	.60215	2.6534
#2	.00023	18.407	-.00069	.00258	.00673	.11071	.60055	2.6716
#3	.00035	18.506	.00038	.00269	.00688	.11177	.60165	2.5562

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00001	263.24	-.00124	.04026	.72270	-.00004	.01588
Stddev	.00029	.00071	1.28	.00020	.00009	.05100	.00011	.00620
%RSD	22.815	7804.2	.48602	16.316	.23365	7.0566	254.80	39.067

#1	.00153	.00062	264.36	-.00134	.04037	.67512	.00008	.00897
#2	.00096	.00013	261.85	-.00101	.04021	.71644	-.00009	.01771
#3	.00128	-.00078	263.53	-.00137	.04020	.77653	-.00012	.02097

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14456	.42928	.00044	.00159	.00036	.0070	.05124	4.5242
Stddev	.00492	.00398	.00024	.00062	.00084	.0007	.00060	.2940
%RSD	3.4061	.92727	53.269	39.125	232.62	9.644	1.1801	6.4985

#1	.14294	.42490	.00022	.00096	.00075	.0063	.05055	4.8529
#2	.15009	.43267	.00042	.00221	.00093	.0075	.05157	4.4333
#3	.14065	.43027	.00069	.00161	-.00060	.0073	.05162	4.2863

Sample Name: K2642-08DUP Acquired: 5/30/2019 15:48:33 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .46756
Stddev .12485
%RSD 26.703

#1 .35105
#2 .45230
#3 .59935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.8	42100.	3870.8	36.453	3274.5
Stddev	11.1	89.	27.5	.717	10.2
%RSD	.34125	.21064	.71103	1.9673	.31096

#1	3254.5	42001.	3898.7	35.705	3264.2
#2	3266.0	42172.	3870.0	37.134	3274.6
#3	3276.8	42127.	3843.6	36.520	3284.6

Sample Name: K2642-08LX5 Acquired: 5/30/2019 15:53:06 Type: Unk
Method: P4-ICP2(v3158) 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	-.00140	-.00092	.00489	.00163	.00039	.02541	.01822	-.00002
Stddev	.00049	.00146	.00076	.00399	.00058	.01860	.00087	.00004
%RSD	35.037	159.70	15.555	244.08	150.52	73.224	4.7663	156.49

#1	-.00093	-.00145	.00561	-.00058	.00057	.00771	.01900	-.00004
#2	-.00191	.00074	.00497	-.00075	-.00026	.04480	.01728	.00002
#3	-.00136	-.00204	.00409	.00624	.00085	.02372	.01838	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.8284	-.00055	.00041	.00149	.02453	.12674	.55000
Stddev	.00005	.0201	.00020	.00011	.00027	.00046	.00044	.03261
%RSD	238.01	.52411	37.136	27.951	18.085	1.8656	.34374	5.9296

#1	.00008	3.8095	-.00068	.00046	.00158	.02505	.12723	.52116
#2	.00001	3.8264	-.00064	.00049	.00170	.02419	.12660	.54345
#3	-.00002	3.8494	-.00031	.00028	.00119	.02435	.12639	.58540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.00053	53.091	.00022	.00795	.18306	.00003	.00009
Stddev	.00007	.00037	.511	.00020	.00007	.02387	.00017	.00896
%RSD	19.118	69.788	.96169	87.912	.83966	13.041	663.03	9701.7

#1	-.00034	-.00079	53.629	.00023	.00792	.16035	-.00004	.01040
#2	-.00041	-.00070	53.034	.00003	.00802	.20795	.00022	-.00421
#3	-.00028	-.00011	52.612	.00042	.00790	.18088	-.00010	-.00591

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02675	.09451	-.00024	.00111	.00110	-.0010	.01050	3.6498
Stddev	.00160	.00282	.00022	.00071	.00050	.0008	.00007	.1945
%RSD	5.9918	2.9792	91.154	64.033	45.623	80.88	.71386	5.3279

#1	.02860	.09156	-.00039	.00179	.00052	-.0009	.01044	3.8179
#2	.02588	.09480	-.00034	.00037	.00133	-.0018	.01059	3.6946
#3	.02577	.09717	.00001	.00118	.00144	-.0002	.01048	3.4368

Sample Name: K2642-08LX5 Acquired: 5/30/2019 15:53:06 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .21575
 Stddev .14406
 %RSD 66.771

#1 .31014
 #2 .04993
 #3 .28718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.5	43214.	3816.1	38.214	3487.8
Stddev	15.0	342.	21.8	1.475	10.0
%RSD	.44618	.79107	.57139	3.8588	.28584

#1	3352.3	42850.	3841.2	39.884	3476.8
#2	3370.9	43263.	3801.6	37.667	3490.5
#3	3382.1	43528.	3805.6	37.091	3496.2

Sample Name: K2642-08MS Acquired: 5/30/2019 15:57:32 Type: Unk
Method: P4-ICP2(v3158) 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	.77336	1.8433	.96892	1.9807	.74358	2.0063	.30294	.19371	.19205
Stddev	.00193	.0021	.00500	.0026	.00205	.0149	.00163	.00075	.00063
%RSD	.24920	.11602	.51556	.13045	.27545	.74044	.53780	.38929	.32807

#1	.77207	1.8454	.96498	1.9779	.74136	1.9892	.30107	.19302	.19139
#2	.77558	1.8435	.97454	1.9811	.74397	2.0154	.30372	.19361	.19211
#3	.77244	1.8411	.96723	1.9830	.74540	2.0144	.30403	.19451	.19265

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.703	.39653	.19685	.29962	3.0875	.87973	4.9708	.48523	.07054
Stddev	.088	.00114	.00032	.00181	.0049	.00190	.0515	.00179	.00056
%RSD	.40506	.28830	.16191	.60434	.15794	.21652	1.0355	.36949	.80010

#1	21.623	.39600	.19652	.29753	3.0828	.87764	4.9372	.48317	.07110
#2	21.689	.39784	.19687	.30079	3.0871	.88020	4.9452	.48606	.06997
#3	21.797	.39574	.19716	.30053	3.0925	.88136	5.0301	.48646	.07054

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	299.98	.30537	.24204	10.678	.39657	.29509	.15832	1.3529	.67261
Stddev	2.20	.00086	.00079	.078	.00138	.00364	.00034	.0117	.00050
%RSD	.73429	.28179	.32626	.73508	.34859	1.2321	.21351	.86468	.07451

#1	297.59	.30438	.24121	10.608	.39536	.29384	.15813	1.3611	.67218
#2	301.93	.30585	.24215	10.763	.39628	.29918	.15871	1.3395	.67249
#3	300.41	.30589	.24278	10.664	.39807	.29224	.15812	1.3580	.67316

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19567	.19334	6.023	.24638	6.5720	.41717
Stddev	.00113	.00051	.016	.00135	.1931	.42634
%RSD	.57804	.26288	.2588	.54654	2.9379	102.20

#1	.19438	.19366	6.005	.24604	6.3822	.08563
#2	.19614	.19360	6.036	.24523	6.7682	.89811
#3	.19649	.19275	6.027	.24786	6.5655	.26778

Sample Name: K2642-08MS Acquired: 5/30/2019 15:57:32 Type: Unk
 Method: P4-ICP2(v3158) 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	3207.5	41543.	3825.5	36.817	3193.3
Stddev	4.0	84.	16.1	1.039	4.9
%RSD	.12327	.20250	.42143	2.8213	.15269
#1	3211.2	41615.	3818.8	35.891	3198.9
#2	3203.4	41563.	3843.9	37.940	3190.0
#3	3208.0	41451.	3813.8	36.619	3190.9

Sample Name: K2642-08MSD Acquired: 5/30/2019 16:01:47 Type: Unk
Method: P4-ICP2(v3158) 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	.77108	1.8450	.97218	1.9723	.74303	2.0220	.30001	.19281
Stddev	.00599	.0044	.00264	.0061	.00049	.0104	.00060	.00049
%RSD	.77731	.24088	.27110	.30829	.06594	.51685	.20153	.25416

#1	.76885	1.8403	.96935	1.9690	.74249	2.0099	.30051	.19337
#2	.76653	1.8454	.97264	1.9686	.74344	2.0282	.30017	.19258
#3	.77788	1.8492	.97456	1.9793	.74317	2.0278	.29934	.19247

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19191	21.183	.39714	.19647	.30069	3.0817	.86044	4.8486
Stddev	.00042	.069	.00191	.00037	.00079	.0069	.00005	.1164
%RSD	.21761	.32622	.48183	.18971	.26109	.22562	.00574	2.3998

#1	.19179	21.105	.39907	.19615	.30035	3.0845	.86048	4.9317
#2	.19157	21.234	.39524	.19637	.30012	3.0868	.86045	4.7156
#3	.19238	21.211	.39712	.19688	.30158	3.0738	.86038	4.8984

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48617	.07051	290.58	.30503	.24041	10.763	.39938	.30747
Stddev	.00153	.00072	2.34	.00049	.00090	.089	.00123	.01175
%RSD	.31441	1.0219	.80478	.15903	.37322	.82514	.30787	3.8208

#1	.48506	.06995	287.95	.30531	.23971	10.743	.39894	.30225
#2	.48554	.07132	292.45	.30532	.24010	10.685	.39843	.29924
#3	.48791	.07025	291.32	.30447	.24142	10.859	.40077	.32092

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15572	1.3586	.67861	.19837	.19772	6.035	.24603	5.6642
Stddev	.00146	.0052	.00013	.00169	.00205	.020	.00139	.1704
%RSD	.93601	.37870	.01892	.85443	1.0370	.3384	.56618	3.0079

#1	.15416	1.3619	.67872	.19664	.19542	6.016	.24648	5.4739
#2	.15704	1.3613	.67847	.19844	.19841	6.033	.24713	5.8027
#3	.15596	1.3527	.67864	.20003	.19934	6.057	.24446	5.7159

Sample Name: K2642-08MSD Acquired: 5/30/2019 16:01:47 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.10361
%RSD	37.809

#1	-.15582
#2	-.31720
#3	-.34908

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.7	41107.	3779.2	38.221	3165.0
Stddev	9.8	107.	12.7	1.155	6.1
%RSD	.30760	.25993	.33654	3.0227	.19270

#1	3166.6	40985.	3767.1	39.129	3158.2
#2	3184.6	41185.	3777.9	36.920	3170.1
#3	3182.0	41151.	3792.5	38.614	3166.7

Sample Name: K2642-08A Acquired: 5/30/2019 16:06:01 Type: Unk
Method: P4-ICP2(v3158) 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	.77251	1.8459	.97571	1.9652	.74604	2.0506	.30275	.19369	.19251
Stddev	.00339	.0034	.00182	.0081	.00161	.0136	.00126	.00038	.00010
%RSD	.43934	.18595	.18605	.41225	.21583	.66205	.41584	.19595	.05122

#1	.77614	1.8431	.97740	1.9715	.74565	2.0653	.30350	.19403	.19246
#2	.77199	1.8497	.97379	1.9681	.74781	2.0480	.30345	.19328	.19262
#3	.76942	1.8448	.97593	1.9561	.74466	2.0385	.30130	.19376	.19244

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.487	.40206	.19666	.30137	3.1082	.86382	5.0033	.48821	.07054
Stddev	.102	.00029	.00067	.00106	.0020	.00153	.1170	.00059	.00068
%RSD	.47555	.07273	.34139	.35271	.06569	.17742	2.3388	.12185	.96843

#1	21.401	.40240	.19743	.30192	3.1104	.86470	5.0476	.48784	.07105
#2	21.460	.40187	.19635	.30205	3.1064	.86205	4.8706	.48890	.06976
#3	21.600	.40192	.19620	.30015	3.1077	.86470	5.0918	.48790	.07080

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	290.23	.30856	.24053	10.896	.40153	.30167	.15484	1.3830	.67701
Stddev	1.07	.00021	.00056	.056	.00112	.00184	.00184	.0089	.00115
%RSD	.36862	.06772	.23282	.50988	.27931	.60916	1.1903	.64600	.16933

#1	290.01	.30845	.24108	10.960	.40208	.30367	.15537	1.3735	.67814
#2	289.29	.30880	.24053	10.862	.40226	.30006	.15279	1.3843	.67704
#3	291.40	.30844	.23996	10.865	.40024	.30128	.15637	1.3912	.67585

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20106	.19958	6.030	.24963	5.5432	.12959
Stddev	.00309	.00060	.004	.00148	.2756	.21684
%RSD	1.5348	.30015	.0580	.59432	4.9714	167.32

#1	.19763	.19912	6.027	.24851	5.2362	.00374
#2	.20194	.20026	6.034	.24907	5.7693	.00506
#3	.20361	.19937	6.029	.25131	5.6239	.37997

Sample Name: K2642-08A Acquired: 5/30/2019 16:06:01 Type: Unk
Method: P4-ICP2(v3158) 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	3177.8	40622.	3690.7	35.211	3164.5
Stddev	6.9	173.	22.9	.740	5.7
%RSD	.21866	.42486	.62051	2.1030	.17962
#1	3171.5	40426.	3689.3	34.395	3158.5
#2	3176.5	40752.	3714.2	35.840	3165.0
#3	3185.3	40688.	3668.5	35.397	3169.9

Sample Name: K2648-04 Acquired: 5/30/2019 16:10:16 Type: Unk
Method: P4-ICP2(v3158) 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	-.00324	-.00355	.01077	.00514	-.00011	.09850	.12575	-.00008
Stddev	.00078	.00062	.00021	.00151	.00034	.01041	.00018	.00009
%RSD	23.961	17.384	1.9081	29.429	296.94	10.567	.14026	116.95

#1	-.00260	-.00332	.01053	.00364	-.00047	.09011	.12569	-.00018
#2	-.00301	-.00425	.01085	.00667	-.00007	.09524	.12595	-.00002
#3	-.00410	-.00308	.01092	.00511	.00020	.11015	.12562	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	26.358	-.00030	.00539	.00509	.01521	.39495	1.1305
Stddev	.00003	.057	.00034	.00013	.00038	.00047	.00069	.1187
%RSD	8.4254	.21706	111.33	2.3301	7.3750	3.0618	.17524	10.504

#1	.00027	26.293	-.00069	.00547	.00529	.01574	.39574	1.0718
#2	.00030	26.380	-.00004	.00525	.00532	.01488	.39460	1.0525
#3	.00032	26.401	-.00018	.00546	.00465	.01501	.39450	1.2671

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.00032	292.33	-.00033	.03971	.95242	-.00005	.03306
Stddev	.00027	.00049	1.50	.00030	.00034	.00768	.00010	.00248
%RSD	32.553	154.95	.51144	90.838	.84446	.80683	185.80	7.5079

#1	.00110	.00079	291.10	.00000	.03951	.94516	-.00009	.03208
#2	.00055	.00033	291.90	-.00041	.03954	.96047	.00006	.03122
#3	.00085	-.00018	294.00	-.00057	.04010	.95163	-.00013	.03588

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45900	.90018	.00019	.00124	.00155	.0049	.10127	5.5049
Stddev	.00569	.00176	.00028	.00082	.00061	.0003	.00011	.2742
%RSD	1.2407	.19591	146.01	65.779	39.466	5.924	.10725	4.9814

#1	.45867	.89819	.00036	.00089	.00092	.0050	.10116	5.1987
#2	.45348	.90078	-.00013	.00217	.00159	.0045	.10138	5.5882
#3	.46486	.90156	.00035	.00066	.00213	.0050	.10129	5.7278

Sample Name: K2648-04 Acquired: 5/30/2019 16:10:16 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .69136
 Stddev .35401
 %RSD 51.205

#1 .77564
 #2 .99563
 #3 .30282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.1	40568.	3726.0	36.277	3166.4
Stddev	11.3	46.	5.0	.822	8.3
%RSD	.35553	.11417	.13307	2.2666	.26302

#1	3173.8	40523.	3727.6	36.632	3167.4
#2	3177.3	40616.	3730.0	35.336	3174.2
#3	3156.3	40566.	3720.5	36.861	3157.7

Sample Name: K3090-04 Acquired: 5/30/2019 16:14:49 Type: Unk
Method: P4-ICP2(v3158) 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	-.00382	-.00386	.00157	.00309	.00008	.18936	.08133	.00004
Stddev	.00141	.00191	.00068	.00089	.00062	.00618	.00029	.00002
%RSD	36.982	49.465	43.595	28.833	738.62	3.2636	.35164	59.356

#1	-.00376	-.00204	.00153	.00318	.00015	.19607	.08156	.00005
#2	-.00244	-.00371	.00227	.00393	-.00056	.18391	.08101	.00001
#3	-.00526	-.00585	.00090	.00216	.00066	.18810	.08143	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	6.1163	.00076	.00960	.00297	.01171	.12245	1.6004
Stddev	.00002	.0140	.00035	.00029	.00043	.00104	.00037	.0342
%RSD	143.04	.22963	45.297	2.9817	14.477	8.8392	.29830	2.1336

#1	-.00002	6.1325	.00061	.00970	.00252	.01209	.12202	1.5717
#2	.00001	6.1083	.00116	.00927	.00301	.01251	.12268	1.5913
#3	-.00004	6.1081	.00052	.00982	.00338	.01054	.12264	1.6382

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00014	278.55	.00017	.02734	.76867	-.00010	.02058
Stddev	.00012	.00020	2.45	.00012	.00013	.02673	.00008	.00722
%RSD	9.4974	147.00	.88030	74.495	.46066	3.4775	74.029	35.092

#1	.00113	-.00031	277.27	.00023	.02746	.75390	-.00017	.02158
#2	.00135	.00008	277.00	.00024	.02721	.75258	-.00012	.02724
#3	.00117	-.00017	281.37	.00002	.02736	.79952	-.00002	.01291

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18740	.51813	-.00006	.00185	.00095	.0047	.02326	5.0273
Stddev	.00168	.00226	.00039	.00227	.00137	.0018	.00024	.2995
%RSD	.89618	.43533	617.63	122.67	144.42	38.56	1.0324	5.9585

#1	.18593	.51553	.00005	.00115	.00189	.0049	.02333	5.2037
#2	.18923	.51923	-.00050	.00438	-.00063	.0028	.02346	5.1967
#3	.18704	.51962	.00026	.00001	.00159	.0064	.02300	4.6814

Sample Name: K3090-04 Acquired: 5/30/2019 16:14:49 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .32790
 Stddev .12282
 %RSD 37.455

#1 .43760
 #2 .19521
 #3 .35089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.9	41301.	3764.2	37.055	3217.4
Stddev	5.3	118.	6.0	.299	2.6
%RSD	.16495	.28545	.16055	.80741	.08145

#1	3218.3	41176.	3758.3	36.725	3217.5
#2	3212.7	41411.	3763.7	37.309	3220.0
#3	3207.7	41315.	3770.4	37.130	3214.7

Sample Name: CCV04 Acquired: 5/30/2019 16:19:25 Type: Unk
Method: P4-ICP2(v3158) 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	5.0139	4.9608	4.9458	4.9706	4.9015	9.6427	9.8048	.24811
Stddev	.0163	.0199	.0074	.0205	.0159	.1121	.0473	.00062
%RSD	.32453	.40036	.14910	.41222	.32342	1.1621	.48218	.25132
#1	5.0276	4.9416	4.9407	4.9724	4.9076	9.6149	9.7827	.24740
#2	5.0183	4.9812	4.9424	4.9901	4.9133	9.5472	9.7726	.24838
#3	4.9959	4.9596	4.9542	4.9492	4.8834	9.7660	9.8591	.24856
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4494	25.273	1.0045	2.4427	1.2497	5.0646	2.5228	24.871
Stddev	.0034	.154	.0010	.0042	.0031	.0127	.0052	.428
%RSD	.14008	.60916	.09811	.17184	.24836	.25167	.20415	1.7217
#1	2.4455	25.097	1.0055	2.4382	1.2500	5.0499	2.5169	24.894
#2	2.4506	25.337	1.0035	2.4433	1.2526	5.0733	2.5263	24.433
#3	2.4521	25.384	1.0046	2.4465	1.2464	5.0705	2.5252	25.288
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4705	1.2489	24.062	2.5159	2.4681	24.369	5.0438	4.8539
Stddev	.0046	.0015	.070	.0008	.0037	.085	.0155	.0546
%RSD	.18459	.12402	.29093	.03083	.14870	.34964	.30780	1.1239
#1	2.4656	1.2502	24.082	2.5167	2.4641	24.328	5.0472	4.8549
#2	2.4747	1.2472	23.984	2.5152	2.4690	24.312	5.0573	4.7989
#3	2.4712	1.2494	24.120	2.5159	2.4713	24.467	5.0269	4.9080
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9717	5.0393	4.9639	4.9748	4.9597	5.085	5.0181	5.2055
Stddev	.0200	.0542	.0118	.0138	.0374	.010	.0369	.0906
%RSD	.40316	1.0758	.23842	.27789	.75412	.2035	.73538	1.7396
#1	4.9503	5.0308	4.9503	4.9591	4.9406	5.079	4.9944	5.1034
#2	4.9901	5.0973	4.9717	4.9851	5.0028	5.097	5.0606	5.2759
#3	4.9747	4.9899	4.9698	4.9802	4.9357	5.079	4.9993	5.2373

Sample Name: CCV04 Acquired: 5/30/2019 16:19:25 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7761
Stddev	.3240
%RSD	11.669

#1	2.4203
#2	3.0539
#3	2.8541

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.0	42038.	3721.3	35.051	3253.9
Stddev	5.3	107.	34.2	1.426	5.0
%RSD	.16111	.25394	.91978	4.0697	.15391

#1	3260.9	41928.	3720.8	33.757	3257.6
#2	3265.7	42141.	3687.3	34.815	3255.8
#3	3271.4	42047.	3755.8	36.580	3248.2

Sample Name: CCB04 Acquired: 5/30/2019 16:23:23 Type: Unk
Method: P4-ICP2(v3158) 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	-.00049	.00166	-.00125	.00165	-.00048	-.00198	.00034
Stddev	.00060	.00084	.00060	.00017	.00128	.00708	.00021
%RSD	122.93	50.340	47.771	10.270	268.91	357.51	62.617

#1	-.00111	.00247	-.00152	.00148	-.00021	.00151	.00010
#2	.00009	.00171	-.00057	.00164	.00065	.00267	.00049
#3	-.00045	.00080	-.00167	.00182	-.00187	-.01012	.00043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00002	.01039	-.00016	.00000	-.00024	-.00129
Stddev	.00003	.00003	.00301	.00017	.00002	.00006	.00043
%RSD	20.431	194.23	28.939	111.69	863.01	24.120	33.157

#1	-.00010	.00005	.00694	.00004	.00002	-.00030	-.00163
#2	-.00016	-.00002	.01244	-.00028	-.00002	-.00025	-.00142
#3	-.00013	.00002	.01178	-.00024	.00001	-.00018	-.00081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.01788	.00022	-.00019	.02427	.00031	-.00041
Stddev	.00005	.03964	.00003	.00023	.00500	.00013	.00004
%RSD	44.073	221.67	13.307	118.64	20.600	41.057	10.502

#1	-.00011	.01619	.00019	.00007	.02837	.00045	-.00037
#2	-.00016	-.02088	.00025	-.00028	.01870	.00020	-.00045
#3	-.00007	.05835	.00021	-.00037	.02573	.00028	-.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06249	.00059	-.00315	F .01647	-.00333	-.00209	-.00013
Stddev	.00829	.00007	.00661	.00096	.00183	.00079	.00213
%RSD	13.258	11.083	209.77	5.8560	55.020	37.546	1685.0

#1	-.06187	.00055	.00424	.01697	-.00519	-.00247	-.00040
#2	-.05454	.00067	-.00518	.01708	-.00153	-.00119	-.00211
#3	-.07107	.00056	-.00850	.01536	-.00327	-.00261	.00213

Sample Name: CCB04 Acquired: 5/30/2019 16:23:23 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	-.0007	.00001	F 1.2116	F<.00000
Stddev	.00127	.0013	.00007	.1386	.23471
%RSD	57.002	180.1	989.38	11.441	190.93
#1	-.00162	-.0015	.00008	1.0583	.07951
#2	-.00369	-.0016	-.00002	1.2483	-.38020
#3	-.00138	.0008	-.00004	1.3281	-.06809
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.7	45593.	3860.7	38.730	3819.6
Stddev	4.6	89.	11.6	1.417	9.6
%RSD	.13203	.19507	.30172	3.6596	.25145
#1	3503.2	45694.	3873.4	39.902	3812.6
#2	3504.9	45524.	3850.6	37.155	3815.5
#3	3511.9	45562.	3858.0	39.132	3830.5

Sample Name: K3090-10 Acquired: 5/30/2019 16:27:52 Type: Unk
Method: P4-ICP2(v3158) 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	-.00329	-.00234	.00071	.00231	.00195	.13226	.09618	-.00003
Stddev	.00043	.00017	.00078	.00119	.00131	.02012	.00103	.00005
%RSD	13.167	7.4644	110.11	51.428	67.315	15.210	1.0669	170.05

#1	-.00293	-.00216	.00001	.00110	.00070	.14442	.09549	.00002
#2	-.00377	-.00235	.00156	.00347	.00182	.10904	.09569	-.00009
#3	-.00317	-.00251	.00057	.00235	.00331	.14331	.09736	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.81088	.00001	.00001	.00408	.01000	.24767	.11262
Stddev	.00004	.02412	.00012	.00013	.00024	.00019	.00032	.04529
%RSD	104.53	2.9750	1295.9	1267.6	5.7848	1.9272	.12821	40.214

#1	-.00007	.80885	-.00012	.00016	.00434	.01007	.24799	.16040
#2	.00001	.83596	.00004	-.00009	.00389	.01014	.24767	.10715
#3	-.00005	.78784	.00011	-.00004	.00400	.00978	.24735	.07031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	.00037	267.72	-.00014	.02824	.29617	.00027	.01352
Stddev	.00019	.00038	3.06	.00022	.00004	.02689	.00026	.01705
%RSD	15.290	103.17	1.1422	154.38	.14770	9.0782	93.910	126.14

#1	.00136	.00038	264.86	-.00009	.02820	.26838	.00054	.03270
#2	.00136	-.00002	270.94	.00005	.02823	.29808	.00004	.00780
#3	.00103	.00074	267.36	-.00038	.02828	.32205	.00023	.00006

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15550	.16226	-.00037	.00140	-.00077	.0040	.00581	5.0788
Stddev	.00496	.00278	.00022	.00137	.00138	.0011	.00012	.2755
%RSD	3.1913	1.7113	60.771	97.424	179.35	27.16	2.0906	5.4246

#1	.15999	.16545	-.00062	-.00013	-.00077	.0036	.00567	5.2228
#2	.15633	.16098	-.00023	.00185	-.00215	.0052	.00585	5.2525
#3	.15017	.16036	-.00024	.00250	.00061	.0031	.00590	4.7612

Sample Name: K3090-10 Acquired: 5/30/2019 16:27:52 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .38346
Stddev .48239
%RSD 125.80

#1 -.17262
#2 .68959
#3 .63340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.6	41357.	3772.0	36.326	3260.1
Stddev	21.2	69.	36.0	1.570	22.4
%RSD	.65381	.16718	.95367	4.3217	.68858

#1	3222.5	41404.	3747.8	37.086	3240.5
#2	3264.7	41390.	3754.8	34.520	3284.6
#3	3240.6	41278.	3813.3	37.370	3255.3

Sample Name: CCV05 Acquired: 5/30/2019 16:39:08 Type: Unk
Method: P4-ICP2(v3158) 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	5.0483	4.9850	4.9777	5.0328	4.9561	9.8306	9.9622	.25002
Stddev	.0050	.0051	.0030	.0173	.0035	.0535	.0838	.00089
%RSD	.09823	.10228	.05994	.34372	.07129	.54464	.84119	.35640
#1	5.0538	4.9909	4.9750	5.0514	4.9569	9.7796	10.039	.24990
#2	5.0467	4.9825	4.9772	5.0172	4.9592	9.8259	9.8728	.24919
#3	5.0443	4.9817	4.9809	5.0297	4.9523	9.8864	9.9748	.25096
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4738	25.198	1.0069	2.4649	1.2551	5.0579	2.5401	25.137
Stddev	.0026	.029	.0008	.0026	.0018	.0030	.0012	.118
%RSD	.10430	.11534	.08133	.10670	.13993	.06017	.04634	.46902
#1	2.4709	25.178	1.0067	2.4677	1.2539	5.0544	2.5393	25.064
#2	2.4750	25.231	1.0078	2.4647	1.2571	5.0592	2.5395	25.273
#3	2.4756	25.185	1.0062	2.4625	1.2543	5.0600	2.5414	25.073
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4841	1.2540	24.645	2.5189	2.4842	24.736	5.0535	4.9240
Stddev	.0038	.0029	.095	.0017	.0027	.019	.0060	.0499
%RSD	.15444	.22833	.38598	.06617	.11003	.07481	.11916	1.0132
#1	2.4810	1.2559	24.753	2.5204	2.4866	24.727	5.0487	4.8697
#2	2.4829	1.2554	24.611	2.5171	2.4849	24.724	5.0515	4.9346
#3	2.4884	1.2507	24.572	2.5193	2.4812	24.758	5.0603	4.9677
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0163	5.0203	4.9748	5.0095	4.9853	5.139	5.0746	5.1912
Stddev	.0170	.0250	.0134	.0166	.0362	.008	.0250	.1635
%RSD	.33785	.49745	.26985	.33094	.72569	.1606	.49246	3.1490
#1	5.0325	5.0132	4.9902	4.9926	4.9636	5.148	5.0717	5.0987
#2	4.9987	4.9997	4.9661	5.0102	4.9652	5.137	5.0512	5.0949
#3	5.0177	5.0481	4.9680	5.0257	5.0270	5.132	5.1009	5.3799

Sample Name: CCV05 Acquired: 5/30/2019 16:39:08 Type: Unk
 Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4854
Stddev	.1664
%RSD	6.6965

#1	2.6358
#2	2.5138
#3	2.3066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.7	41733.	3743.9	36.238	3230.3
Stddev	8.3	87.	10.4	.978	9.3
%RSD	.25643	.20951	.27822	2.7001	.28657

#1	3239.7	41654.	3738.0	36.827	3221.9
#2	3244.5	41716.	3755.9	36.777	3228.8
#3	3255.9	41827.	3737.7	35.108	3240.3

Sample Name: CCB05 Acquired: 5/30/2019 16:43:09 Type: Unk
Method: P4-ICP2(v3158) 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	-.00176	.00045	-.00069	.00090	-.00032	.00070	.00075	-.00006
Stddev	.00120	.00057	.00066	.00063	.00145	.00925	.00029	.00005
%RSD	67.859	126.21	95.656	69.775	449.13	1319.8	39.030	91.684

#1	-.00312	.00060	-.00131	.00147	-.00070	-.00872	.00067	-.00010
#2	-.00087	-.00018	-.00000	.00023	.00128	.00977	.00051	-.00007
#3	-.00130	.00092	-.00074	.00100	-.00155	.00105	.00108	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.01576	-.00008	-.00005	-.00038	-.00174	-.00010	.03376
Stddev	.00003	.01007	.00045	.00022	.00025	.00097	.00006	.02695
%RSD	88.488	63.885	573.79	478.59	65.107	55.419	55.998	79.834

#1	-.00007	.00559	-.00057	.00021	-.00059	-.00091	-.00007	.03944
#2	-.00002	.01596	.00033	-.00017	-.00043	-.00281	-.00007	.00442
#3	-.00001	.02573	.00000	-.00017	-.00011	-.00151	-.00017	.05742

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00004	-.00963	.00007	-.00045	-.06116	.00067	-.00195
Stddev	.00003	.00055	.00523	.00040	.00007	.00366	.00014	.01240
%RSD	24.805	1361.8	54.315	594.52	16.333	5.9913	20.578	636.62

#1	.00011	-.00058	-.00687	.00043	-.00043	-.05964	.00078	-.00579
#2	.00007	.00045	-.01567	-.00037	-.00053	-.05850	.00072	-.01197
#3	.00012	.00025	-.00637	.00015	-.00039	-.06534	.00052	.01192

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02184	-.00163	-.00185	.00020	-.00306	-.0012	.00005	F .95297
Stddev	.00116	.00246	.00054	.00132	.00029	.0001	.00002	.28232
%RSD	5.2945	150.99	29.088	650.06	9.6088	5.684	38.853	29.625

#1	.02181	-.00012	-.00227	-.00010	-.00273	-.0012	.00007	.64976
#2	.02301	-.00447	-.00204	-.00094	-.00315	-.0013	.00003	1.2083
#3	.02069	-.00030	-.00124	.00165	-.00330	-.0011	.00006	1.0009

Sample Name: CCB05 Acquired: 5/30/2019 16:43:09 Type: Unk
Method: P4-ICP2(v3158) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .02800
Stddev	.28363
%RSD	1013.0

#1	-.13718
#2	-.13433
#3	.35550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.2	45250.	3867.1	38.826	3807.3
Stddev	8.4	61.	12.1	.679	7.7
%RSD	.24160	.13444	.31323	1.7494	.20224

#1	3502.8	45317.	3864.3	38.059	3815.8
#2	3486.8	45232.	3880.4	39.352	3800.9
#3	3490.0	45199.	3856.6	39.066	3805.1