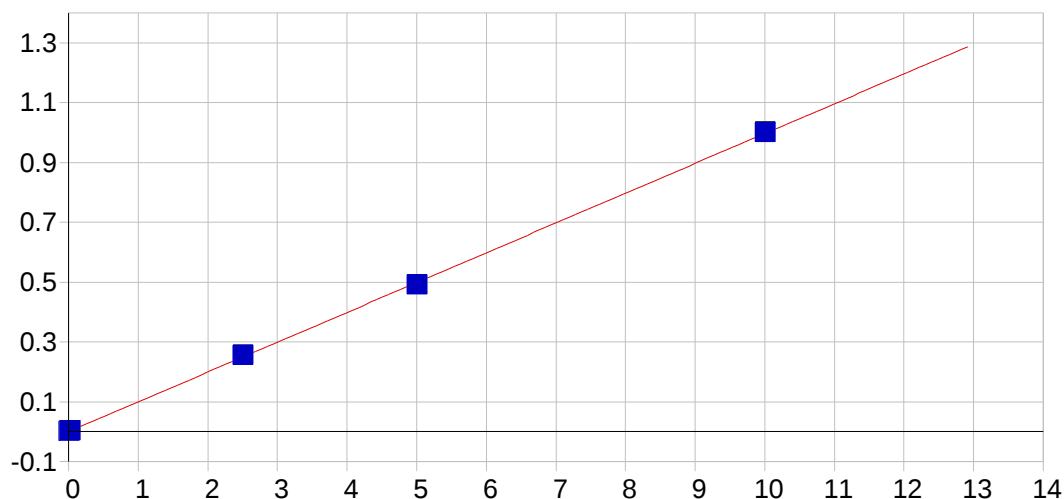




As 189.042 {478}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000178

Re-Slope: 1.000000

A1 (Gain): 0.099679

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

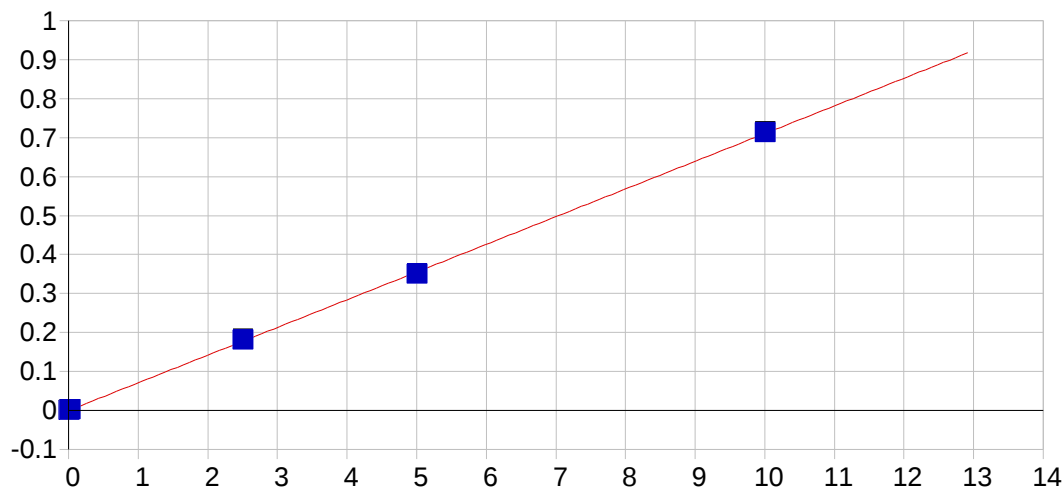
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.002213

Predicted MQL: 0.007376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.02000	.02057	.001	2.85	.00187	.000	1
S3	2.5000	2.5544	.054	2.17	.25442	.001	1
S4	5.0000	4.9171	-.083	-1.66	.48992	.000	1
S5	10.000	10.028	.028	.279	.99933	.002	1



As 189.042 {479}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

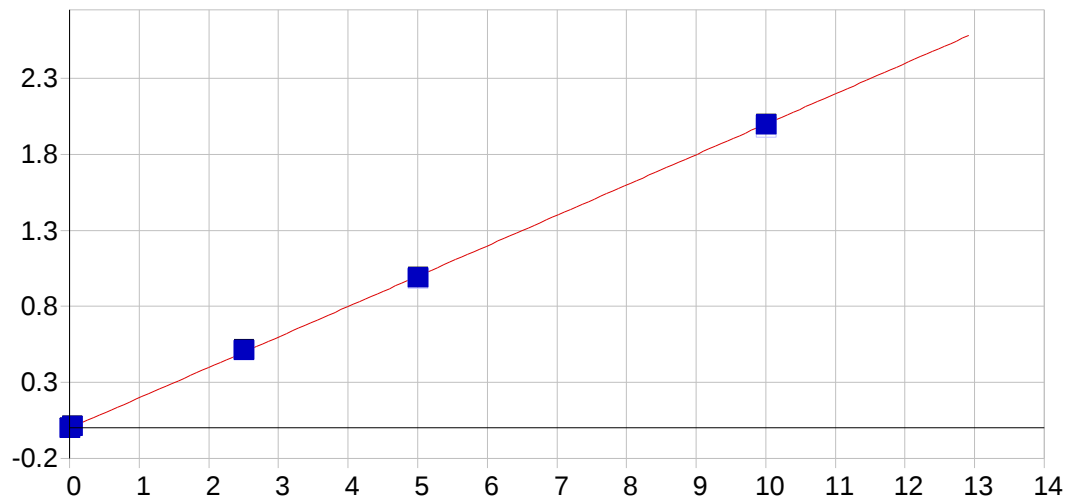
Weighting: 1/Conc

A0 (Offset): -0.000074

Re-Slope: 1.000000

A1 (Gain): 0.071043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002016
 Predicted MQL: 0.006721

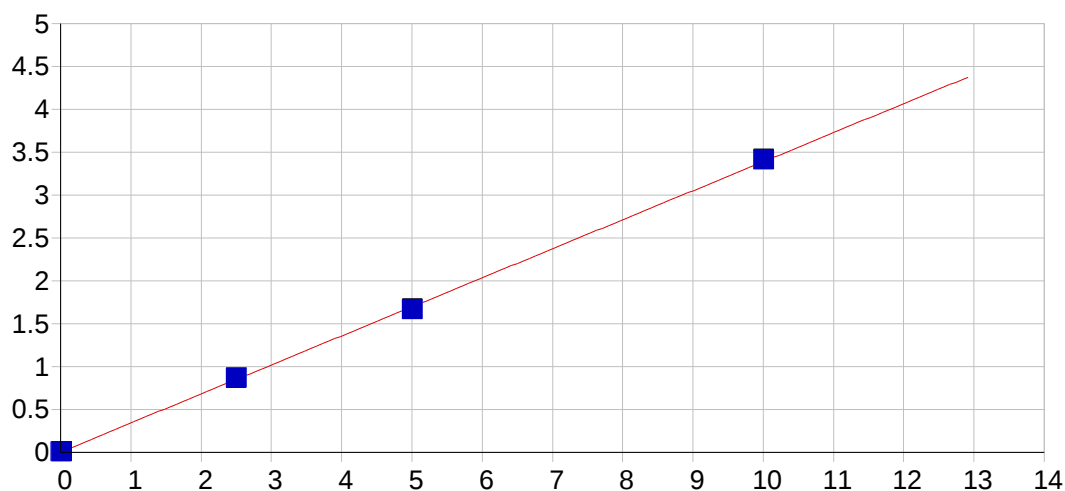
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02276	.003	13.8	.00154	.000	1
S3	2.5000	2.5504	.050	2.02	.18112	.001	1
S4	5.0000	4.9200	-.080	-1.60	.34946	.000	1
S5	10.000	10.027	.027	.268	.71227	.002	1



Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc
 TI 190.856 {477}

A0 (Offset): -0.001082 Re-Slope: 1.000000
 A1 (Gain): 0.199916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000958
 Predicted MQL: 0.003192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00108	.000	1
S1	.04000	.04897	.009	22.4	.00850	.000	1
S3	2.5000	2.5702	.070	2.81	.50761	.001	1
S4	5.0000	4.9427	-.057	-1.15	.97678	.002	1
S5	10.000	9.9784	-.022	-.216	1.9732	.002	1

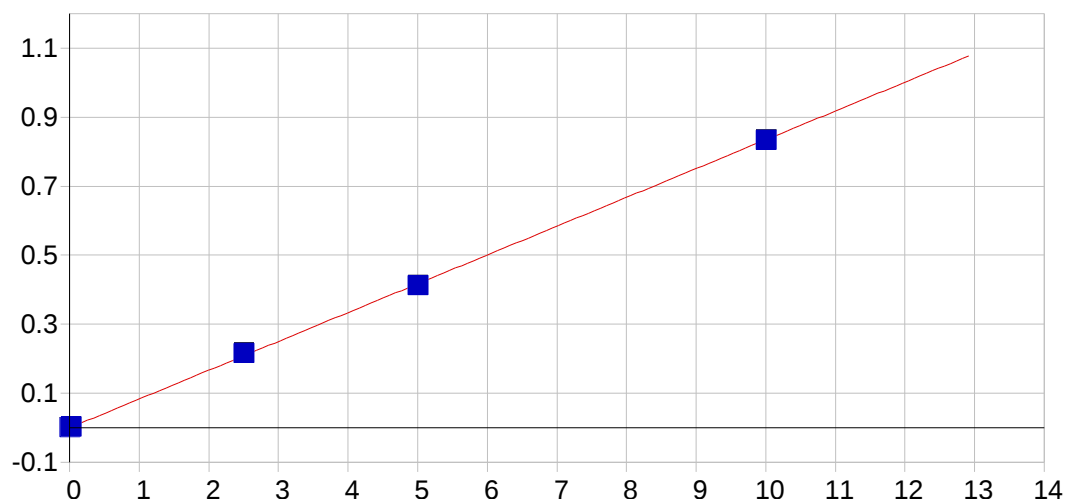


Pb 220.353 (453)

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004585 Re-Slope: 1.000000
 A1 (Gain): 0.338491 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.000872
 Predicted MQL: 0.002908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00458	.000	1
S1	.01200	.01178	-.000	-1.86	.00849	.000	1
S3	2.5000	2.5365	.036	1.46	.86200	.001	1
S4	5.0000	4.8989	-.101	-2.02	1.6605	.006	1
S5	10.000	10.065	.065	.648	3.4068	.004	1



Se 196.090 (472)

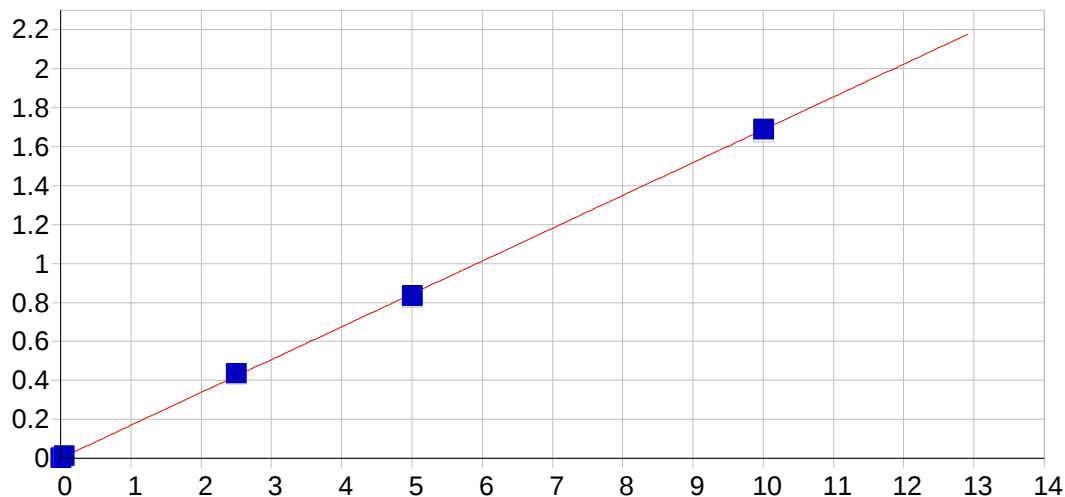
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.083456 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000029
 Predicted MDL: 0.002434
 Predicted MQL: 0.008112

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.01987	-.000	-.652	.00160	.000	1
S3	2.5000	2.5809	.081	3.23	.21531	.001	1
S4	5.0000	4.9308	-.069	-1.38	.41140	.000	1
S5	10.000	9.9884	-.012	-.116	.83344	.002	1



Sb 206.833 {463}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

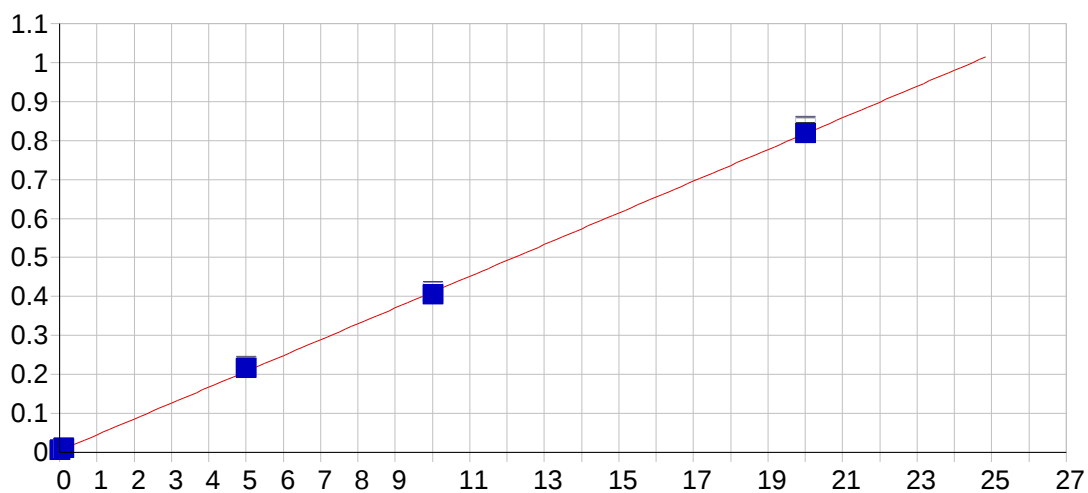
Weighting: 1/Conc

A0 (Offset): 0.000855
 A1 (Gain): 0.168588
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000096
 Predicted MDL: 0.001472
 Predicted MQL: 0.004905

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	.00085	.000	1
S1	.05000	.05881	.009	17.6	.01056	.000	1
S3	2.5000	2.5588	.059	2.35	.42750	.001	1
S4	5.0000	4.9321	-.068	-1.36	.82287	.001	1
S5	10.000	10.000	.000	.004	1.6679	.001	1

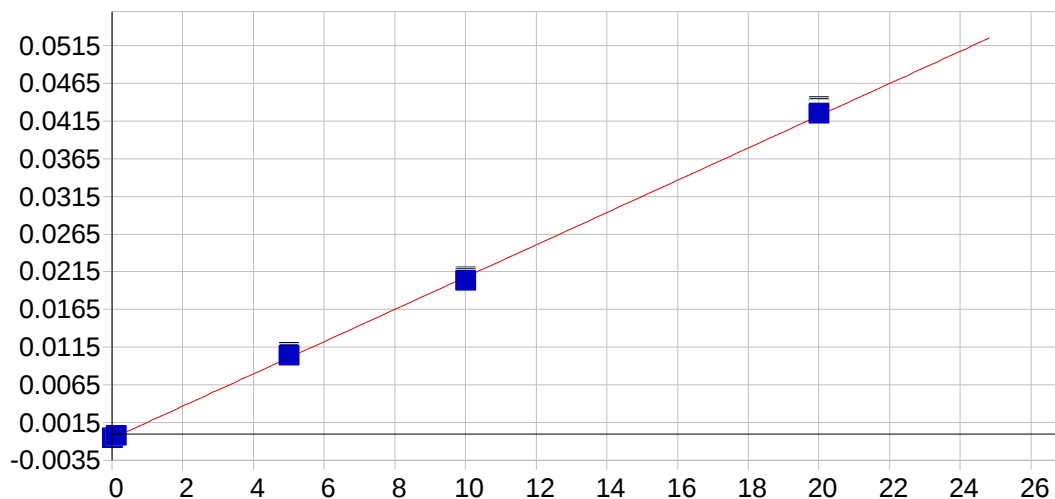


AI 308.215 {109}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004431 Re-Slope: 1.000000
 A1 (Gain): 0.040657 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.002673
 Predicted MQL: 0.008911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00443	.000	1
S1	.10000	.11856	.019	18.6	.00953	.000	1
S3	5.0000	5.1622	.162	3.24	.21835	.001	1
S4	10.000	9.8060	-.194	-1.94	.41120	.000	1
S5	20.000	20.012	.012	.062	.83426	.002	1



AI 309.271 {109}

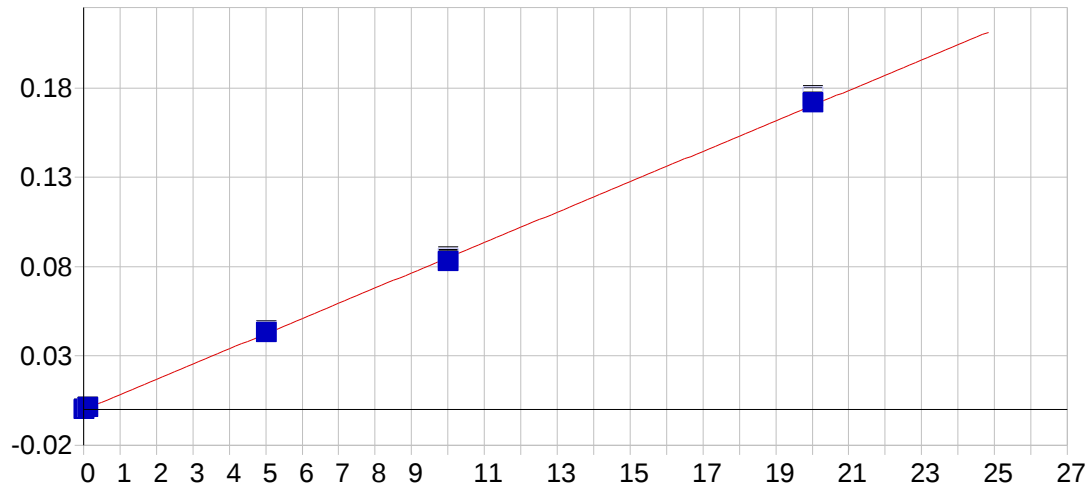
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000602 Re-Slope: 1.000000
 A1 (Gain): 0.002140 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999699
 Std Error of Est: 0.000004
 Predicted MDL: 0.030957
 Predicted MQL: 0.103191

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00060	.000	1
S1	.10000	.13428	.034	34.3	-.00030	.000	1
S3	5.0000	5.1293	.129	2.59	.01059	.000	1
S4	10.000	9.7456	-.254	-2.54	.02068	.000	1
S5	20.000	20.089	.089	.446	.04324	.000	1



Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

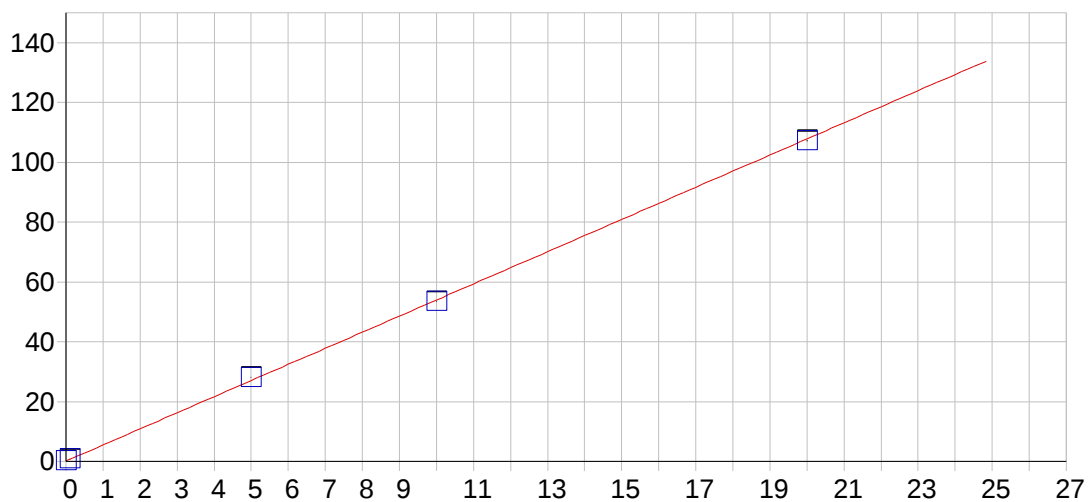
Weighting: 1/Conc

A0 (Offset): -0.000082
 A1 (Gain): 0.008508
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793
 Std Error of Est: 0.000014
 Predicted MDL: 0.012411
 Predicted MQL: 0.041371

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00008	.000	1
S1	.10000	.12560	.026	25.6	.00105	.000	1
S3	5.0000	5.0485	.048	.969	.04372	.000	1
S4	10.000	9.7450	-.255	-2.55	.08452	.001	1
S5	20.000	20.180	.180	.898	.17500	.000	1

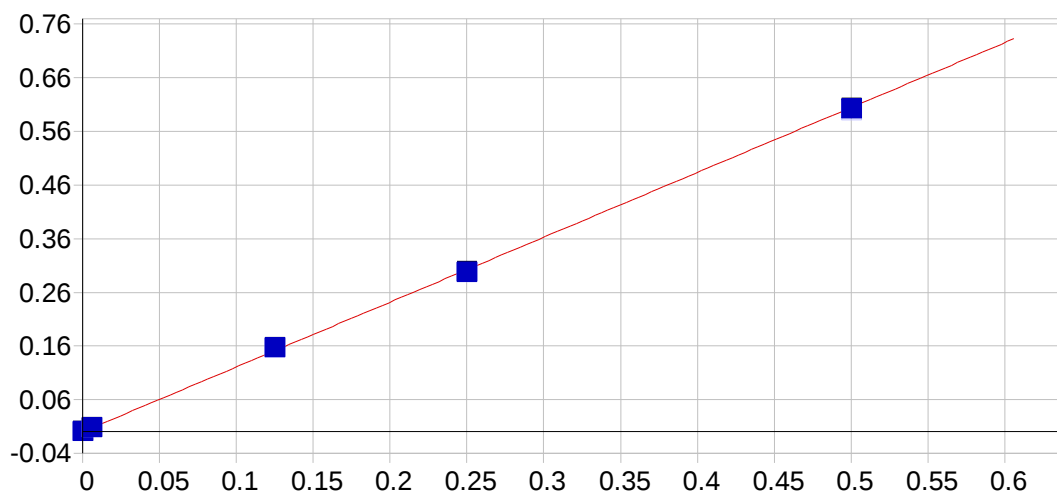


Ba 493.409 { 68}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.108354 Re-Slope: 1.000000
 A1 (Gain): 5.385105 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.007961
 Predicted MDL: 0.000646
 Predicted MQL: 0.002153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.10824	.001	1
S1	.10000	.11911	.019	19.1	.74978	.006	1
S3	5.0000	5.1973	.197	3.95	28.096	.084	1
S5	20.000	19.884	-.116	-.578	107.19	.199	1
S4	10.000	9.8992	-.101	-1.01	53.416	.148	1



Be 234.861 {144}

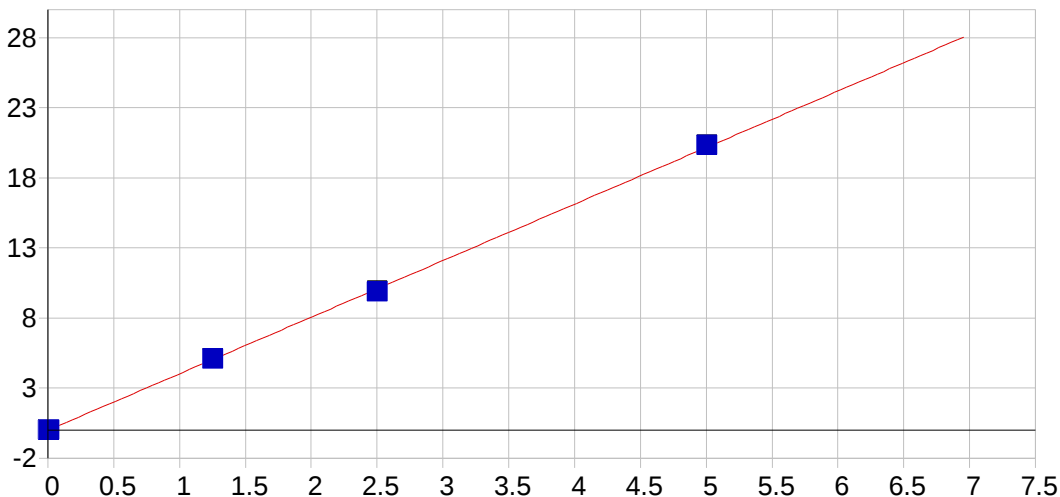
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000006 Re-Slope: 1.000000
 A1 (Gain): 1.209136 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809
 Std Error of Est: 0.000070
 Predicted MDL: 0.000058
 Predicted MQL: 0.000194

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00673	.001	12.1	.00805	.000	1
S3	.12500	.12986	.005	3.89	.15606	.000	1
S4	.25000	.24659	-.003	-1.36	.29626	.000	1
S5	.50000	.49782	-.002	-.435	.59813	.001	1



Cd 226.502 {449}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

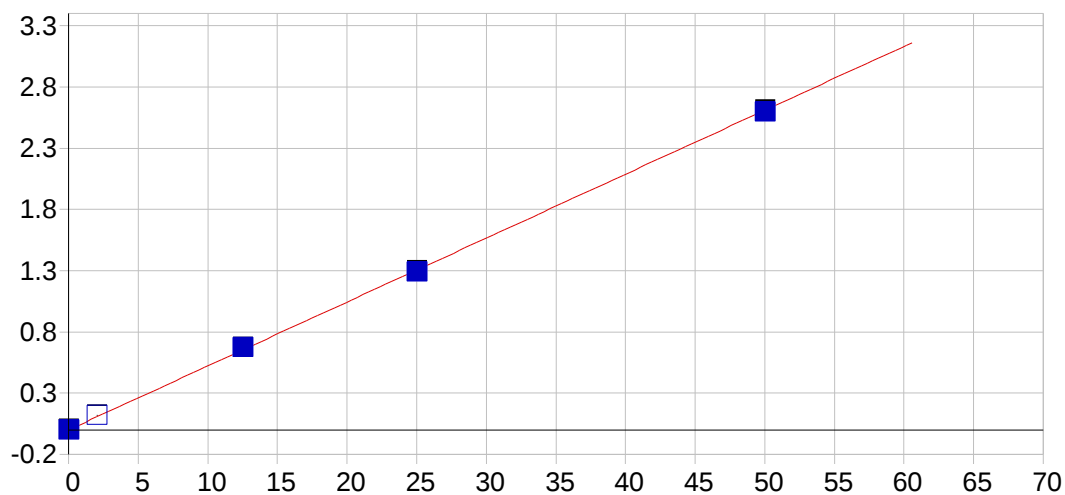
Weighting: 1/Conc

A0 (Offset): -0.001554
 A1 (Gain): 4.033035
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000484
 Predicted MDL: 0.000077
 Predicted MQL: 0.000257

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	-.00156	.000	1
S1	.00600	.00651	.001	8.44	.02473	.000	1
S3	1.2500	1.2615	.011	.916	5.0871	.011	1
S4	2.5000	2.4499	-.050	-2.00	9.8815	.023	1
S5	5.0000	5.0381	.038	.762	20.322	.015	1

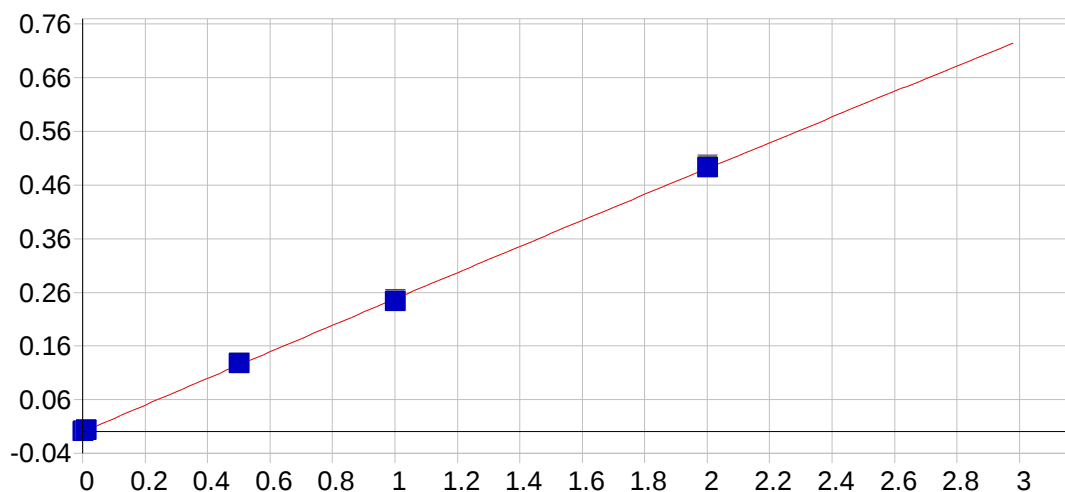


Ca 373.690 { 90}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000141 Re-Slope: 1.000000
 A1 (Gain): 0.052184 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999708 Status: OK.
 Std Error of Est: 0.000688
 Predicted MDL: 0.016524
 Predicted MQL: 0.055081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2676	.268	13.4	.11848	.001	1
S0	.00000	-.00029	-.000	.000	.00013	.002	1
S3	12.500	12.857	.357	2.86	.67142	.002	1
S4	25.000	24.662	-.338	-1.35	1.2878	.012	1
S5	50.000	49.714	-.286	-.573	2.5958	.013	1



Cr 267.716 {126}

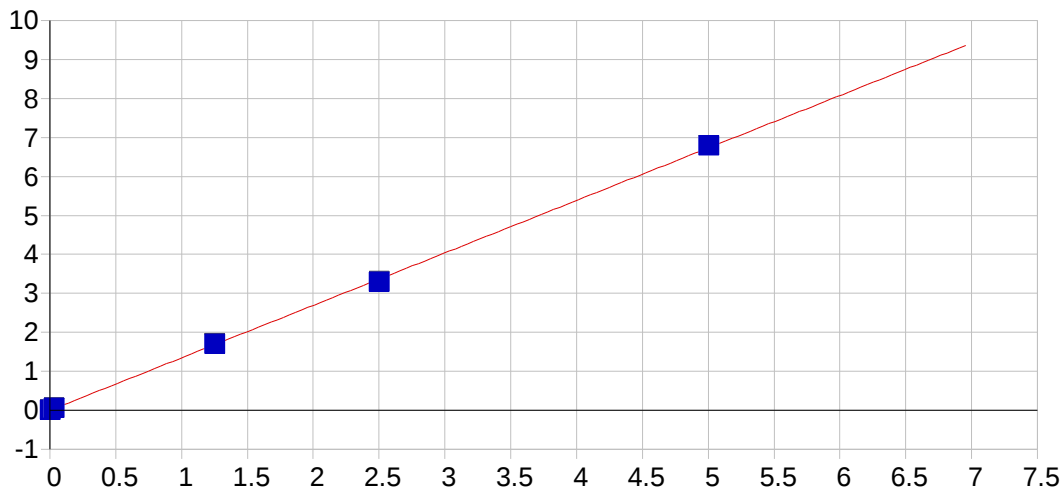
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.249952 Y-int: 0.000000

A2 (Curvature): -0.002259
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000035
 Predicted MDL: 0.000358
 Predicted MQL: 0.001192

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01137	.001	13.7	.00287	.000	1
S3	.50000	.51088	.011	2.18	.12806	.000	1
S4	1.0000	.98077	-.019	-1.92	.24486	.001	1
S5	2.0000	2.0070	.007	.350	.49630	.000	1



Co 228.616 {447}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

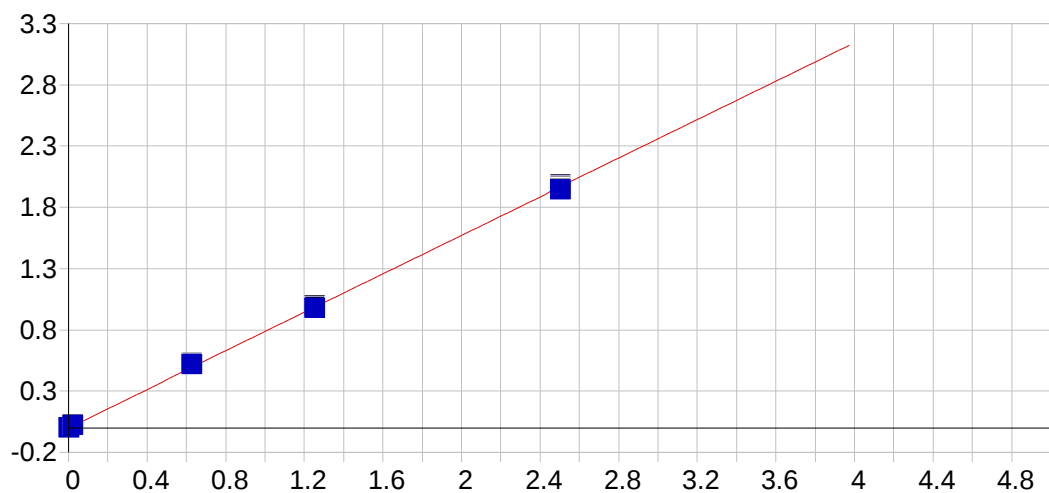
Weighting: 1/Conc

A0 (Offset): -0.000176
 A1 (Gain): 1.346005
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000495
 Predicted MDL: 0.000210
 Predicted MQL: 0.000698

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	-.00018	.000	1
S1	.03000	.03573	.006	19.1	.04765	.000	1
S3	1.2500	1.2624	.012	.991	1.7003	.004	1
S4	2.5000	2.4448	-.055	-2.21	3.2932	.005	1
S5	5.0000	5.0371	.037	.741	6.7850	.005	1

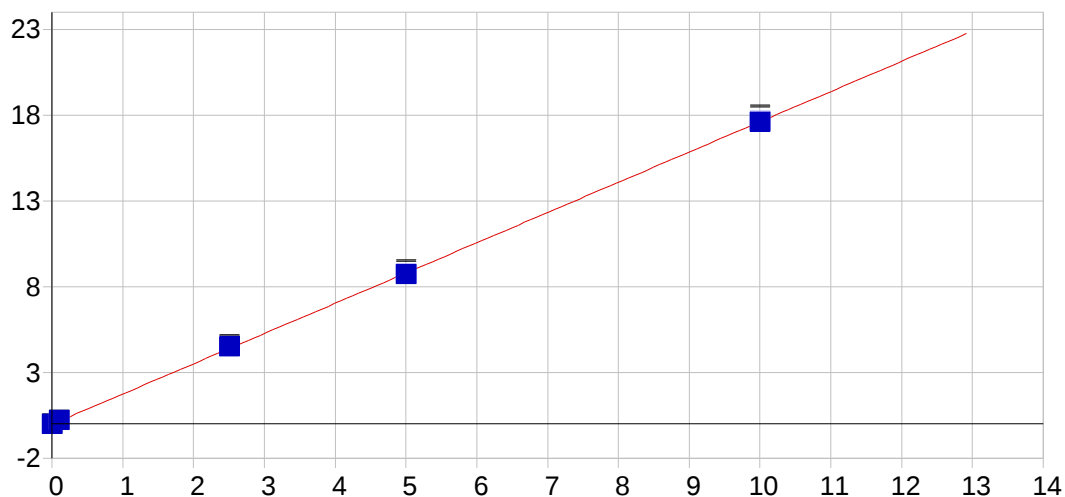


Cu 224.700 {450}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000248 Re-Slope: 1.000000
 A1 (Gain): 0.786292 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999702 Status: OK.
 Std Error of Est: 0.000236
 Predicted MDL: 0.000426
 Predicted MQL: 0.001421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.02000	.02393	.004	19.6	.01882	.000	1
S3	.62500	.65644	.031	5.03	.52424	.002	1
S4	1.2500	1.2421	-.008	-.630	.99310	.003	1
S5	2.5000	2.4725	-.027	-1.10	1.9772	.005	1



Fe 240.488 {140}

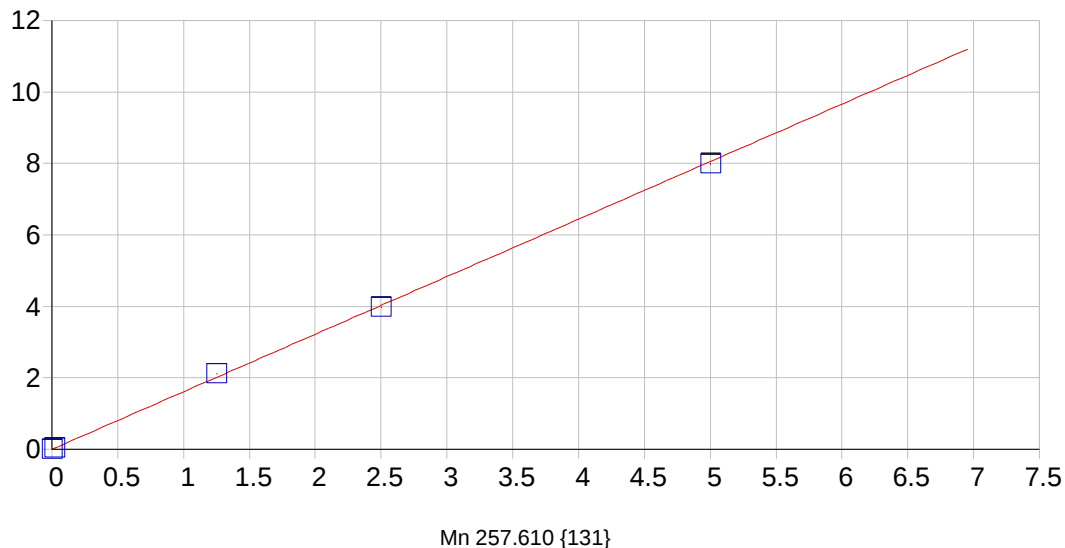
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018346 Re-Slope: 1.000000
 A1 (Gain): 1.763260 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869
 Std Error of Est: 0.001553
 Predicted MDL: 0.006792
 Predicted MQL: 0.022640

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.01837	.006	1
S1	.10000	.11469	.015	14.7	.18474	.010	1
S3	2.5000	2.5658	.066	2.63	4.5280	.061	1
S4	5.0000	4.9398	-.060	-1.20	8.7361	.219	1
S5	10.000	9.9798	-.020	-.202	17.667	.311	1



Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

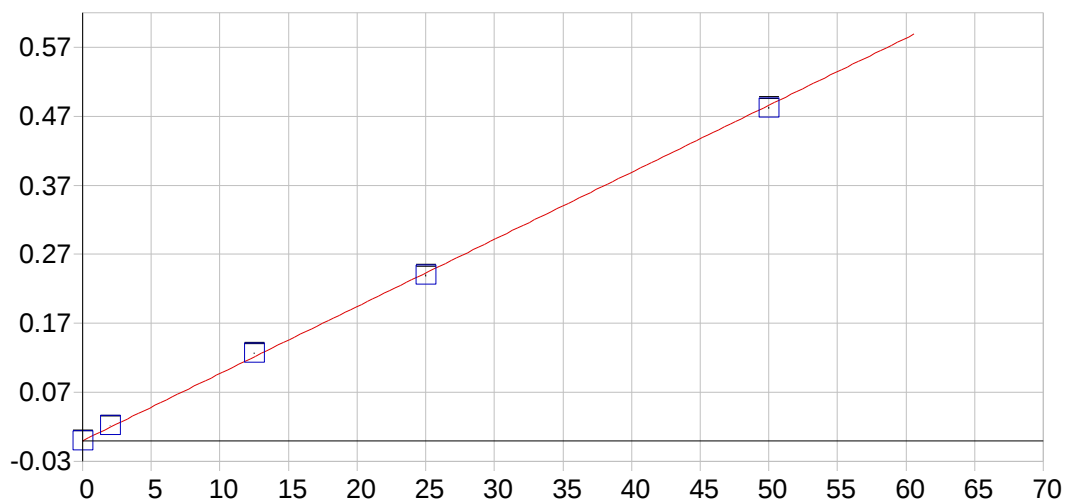
Weighting: 1/Conc

A0 (Offset): 0.000210
 A1 (Gain): 1.610262
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737
 Std Error of Est: 0.000631
 Predicted MDL: 0.000054
 Predicted MQL: 0.000180

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	.00020	.000	1
S1	.02000	.02459	.005	22.9	.03980	.000	1
S3	1.2500	1.3109	.061	4.87	2.1111	.003	1
S4	2.5000	2.4719	-.028	-1.12	3.9807	.003	1
S5	5.0000	4.9626	-.037	-.749	7.9912	.013	1

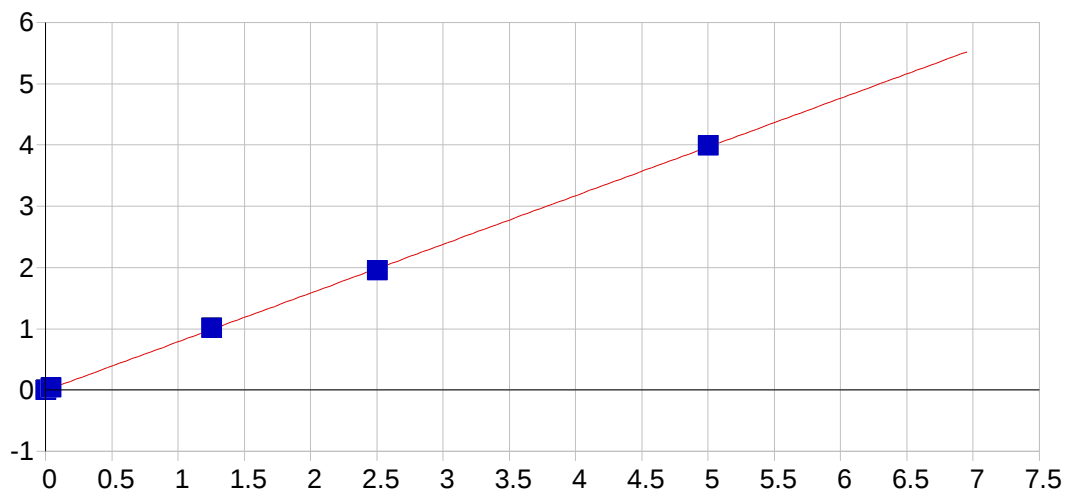


Mg 279.079 {121}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.009720 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999701 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.040147
 Predicted MQL: 0.133823

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2155	.216	10.8	.02153	.001	1
S0	.00000	-.00026	-.000	.000	-.00001	.000	1
S3	12.500	13.027	.527	4.21	.12661	.001	1
S4	25.000	24.647	-.353	-1.41	.23955	.001	1
S5	50.000	49.611	-.389	-.778	.48220	.001	1



Ni 231.604 {445}

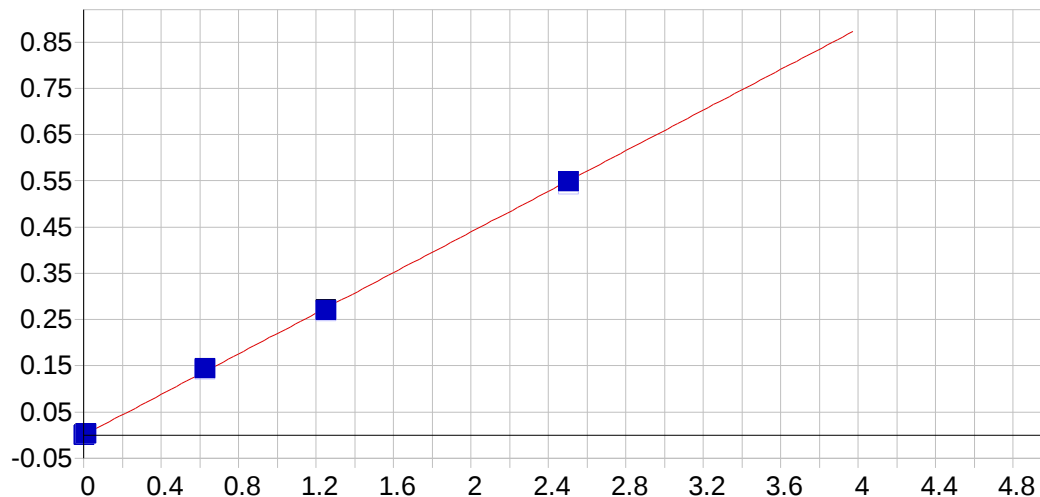
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007303 Re-Slope: 1.000000
 A1 (Gain): 0.795183 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.000343
 Predicted MDL: 0.000374
 Predicted MQL: 0.001246

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00731	.000	1
S1	.04000	.04758	.008	18.9	.03055	.000	1
S3	1.2500	1.2725	.023	1.80	1.0057	.005	1
S4	2.5000	2.4526	-.047	-1.90	1.9451	.004	1
S5	5.0000	5.0173	.017	.346	3.9867	.002	1



Ag 328.068 {103}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

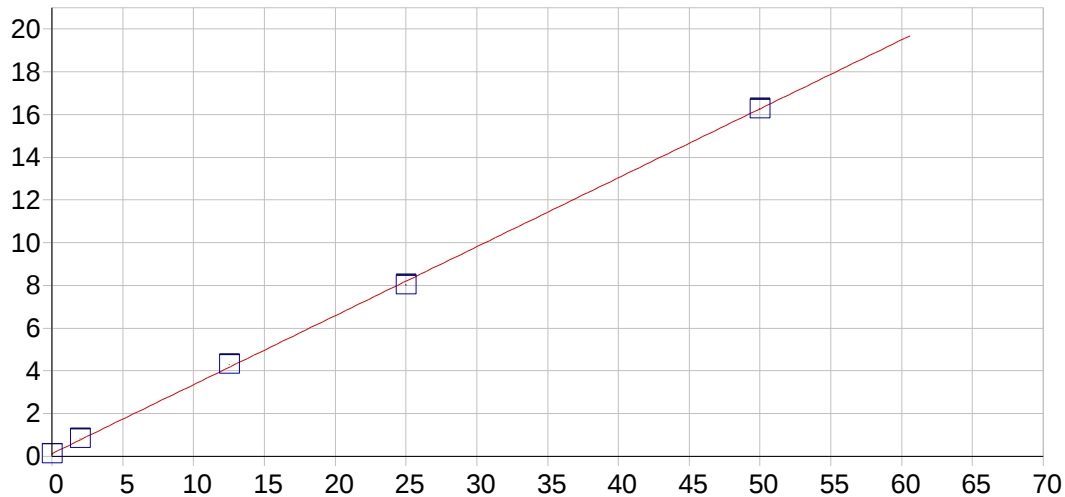
Weighting: 1/Conc

A0 (Offset): -0.000025
 A1 (Gain): 0.219669
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766
 Std Error of Est: 0.000040
 Predicted MDL: 0.000587
 Predicted MQL: 0.001955

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	-.00003	.000	1
S1	.01000	.01220	.002	22.0	.00261	.000	1
S3	.62500	.65197	.027	4.32	.14164	.000	1
S4	1.2500	1.2298	-.020	-1.61	.26701	.001	1
S5	2.5000	2.4910	-.009	-.359	.54094	.001	1

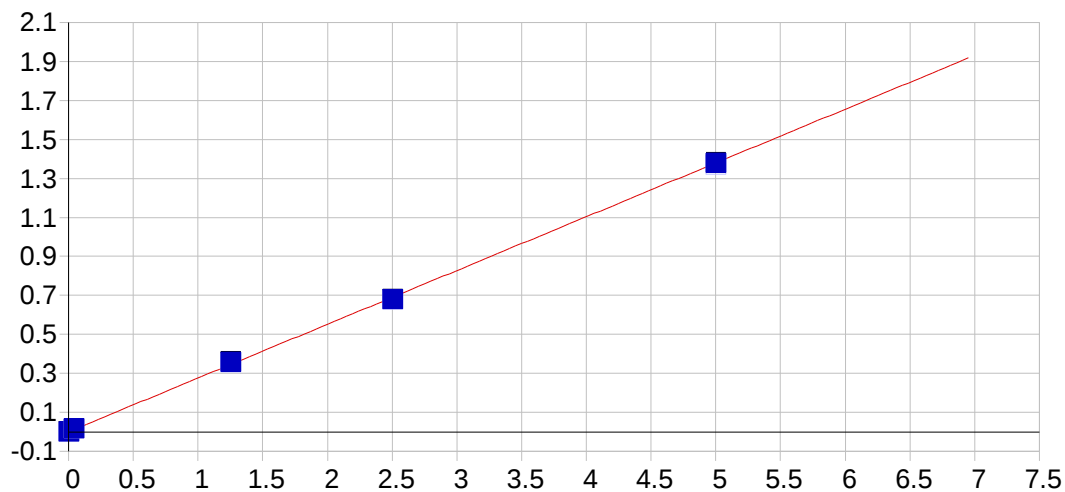


Na 589.592 { 57}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.128494 Re-Slope: 1.000000
 A1 (Gain): 0.322889 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.003680
 Predicted MDL: 0.008975
 Predicted MQL: 0.029915

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1564	.156	7.82	.82476	.002	1
S0	.00000	-.00018	-.000	.000	.12844	.003	1
S3	12.500	12.938	.438	3.50	4.3059	.015	1
S4	25.000	24.467	-.533	-2.13	8.0285	.020	1
S5	50.000	49.939	-.061	-.121	16.253	.028	1



V 292.402 {115}

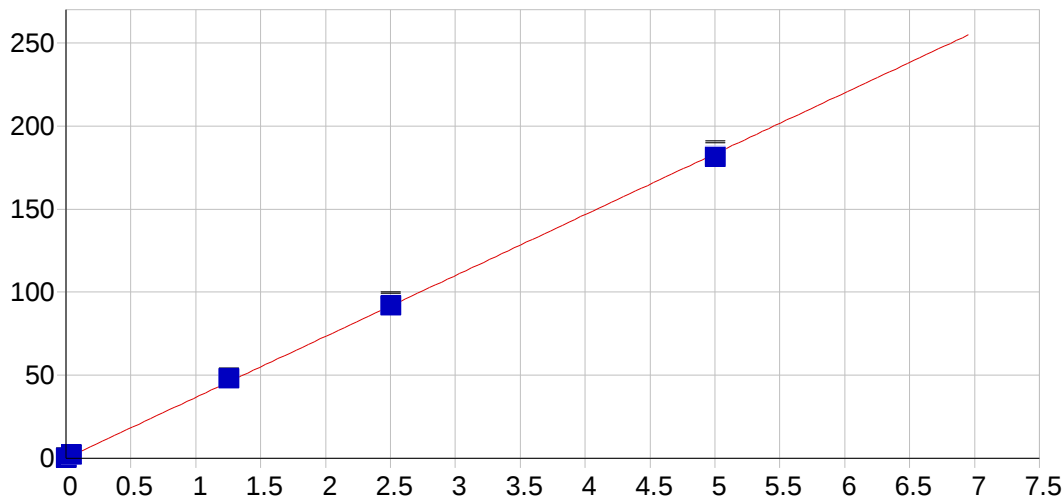
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.275874 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761
 Std Error of Est: 0.000145
 Predicted MDL: 0.000409
 Predicted MQL: 0.001362

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.04000	.04877	.009	21.9	.01331	.000	1
S3	1.2500	1.2935	.044	3.48	.35462	.001	1
S4	2.5000	2.4584	-.042	-1.67	.67372	.001	1
S5	5.0000	4.9894	-.011	-.211	1.3675	.003	1



Zn 206.200 {163}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

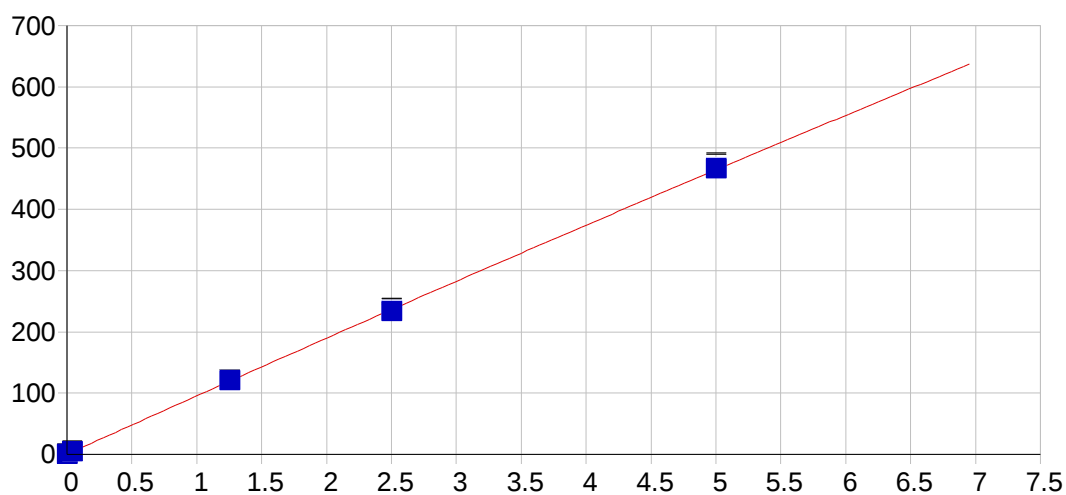
Weighting: 1/Conc

A0 (Offset): 0.044863
 A1 (Gain): 36.648369
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999680
 Std Error of Est: 0.022587
 Predicted MDL: 0.000400
 Predicted MQL: 0.001333

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	.04447	.006	1
S1	.04000	.04949	.009	23.7	1.8681	.024	1
S3	1.2500	1.3069	.057	4.55	48.217	.074	1
S4	2.5000	2.4993	-.001	-.028	92.194	1.61	1
S5	5.0000	4.9343	-.066	-1.31	181.99	2.75	1

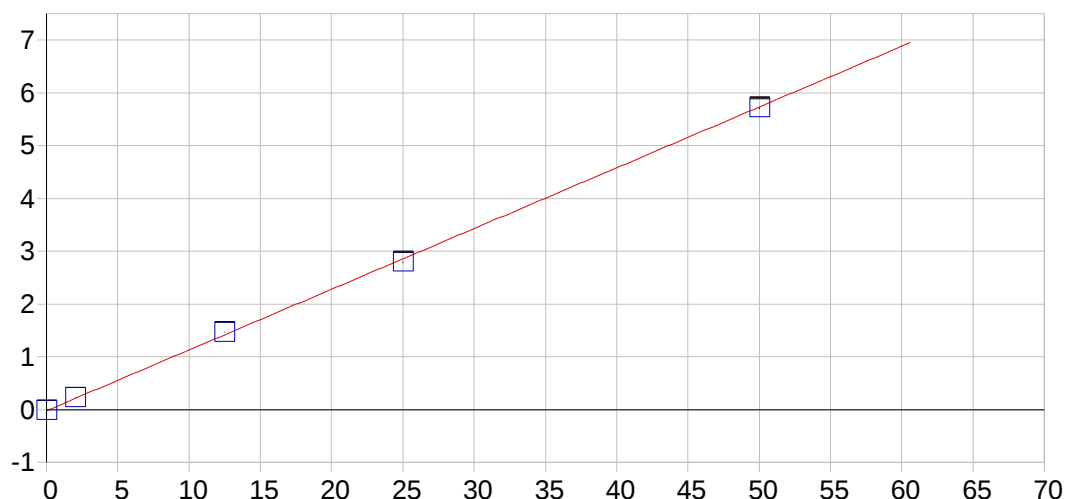


Zn 213.856 {458}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.150393 Re-Slope: 1.000000
 A1 (Gain): 96.088449 Y-int: 0.000000
 A2 (Curvature): -0.647543
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.039665
 Predicted MDL: 0.000077
 Predicted MQL: 0.000257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.14975	.005	1
S1	.04000	.04676	.007	16.9	4.6673	.038	1
S3	1.2500	1.2626	.013	1.01	121.16	.393	1
S4	2.5000	2.4669	-.033	-1.32	234.71	3.98	1
S5	5.0000	5.0138	.014	.275	468.54	7.26	1



K 766.490 {44}

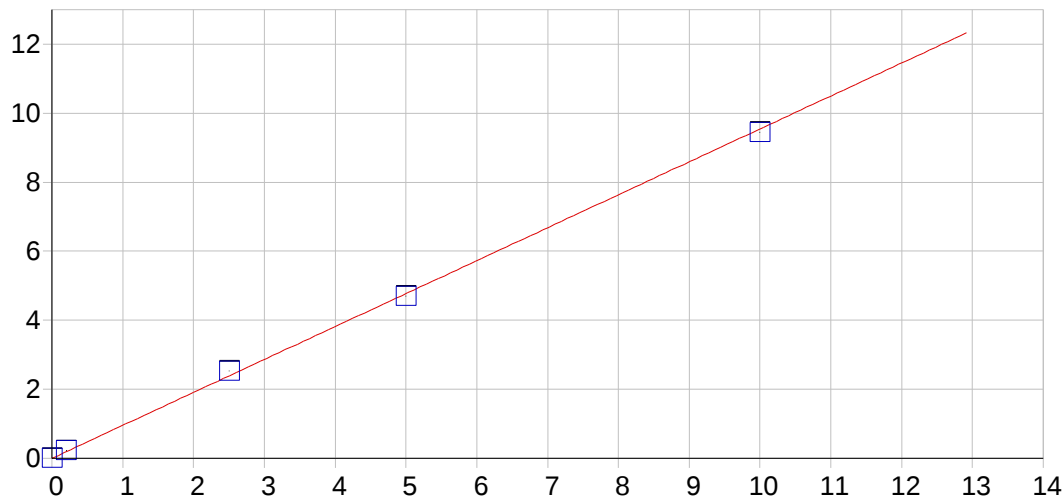
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.022257 Re-Slope: 1.000000
 A1 (Gain): 0.115053 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772
 Std Error of Est: 0.001342
 Predicted MDL: 0.030723
 Predicted MQL: 0.102410

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1755	.175	8.77	.22803	.002	1
S0	.00000	-.00020	-.000	.000	-.02228	.000	1
S3	12.500	12.947	.447	3.58	1.4674	.003	1
S4	25.000	24.525	-.475	-1.90	2.7995	.012	1
S5	50.000	49.852	-.148	-.296	5.7133	.014	1



Mo 202.030 {467}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

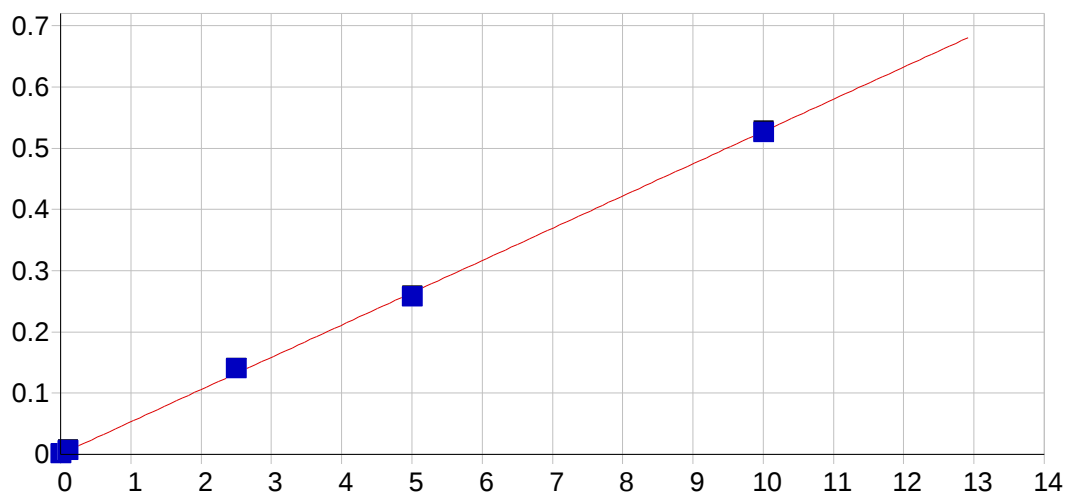
Weighting: 1/Conc

A0 (Offset): 0.000317
 A1 (Gain): 0.954412
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999563
 Std Error of Est: 0.002168
 Predicted MDL: 0.000237
 Predicted MQL: 0.000789

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00028	.000	1
S1	.20000	.22876	.029	14.4	.21865	.000	1
S3	2.5000	2.6510	.151	6.04	2.5305	.009	1
S4	5.0000	4.9242	-.076	-1.52	4.7000	.005	1
S5	10.000	9.8961	-.104	-1.04	9.4452	.015	1

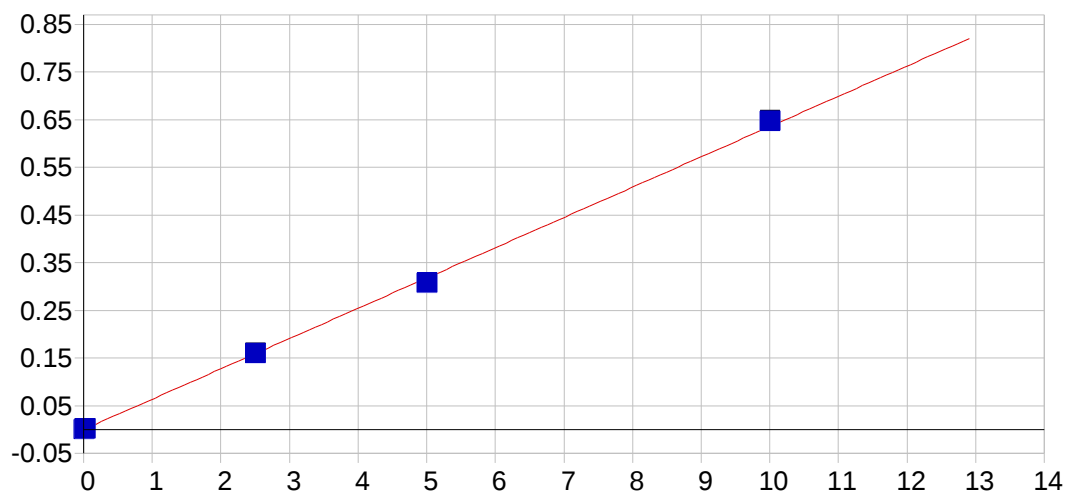


B 249.678 {135}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000560 Re-Slope: 1.000000
 A1 (Gain): 0.052656 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999652 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.007002
 Predicted MQL: 0.023340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00056	.000	1
S1	.10000	.11107	.011	11.1	.00639	.000	1
S3	2.5000	2.6417	.142	5.67	.13935	.001	1
S4	5.0000	4.8813	-.119	-2.37	.25697	.001	1
S5	10.000	9.9660	-.034	-.340	.52409	.002	1



S 182.034 {485}

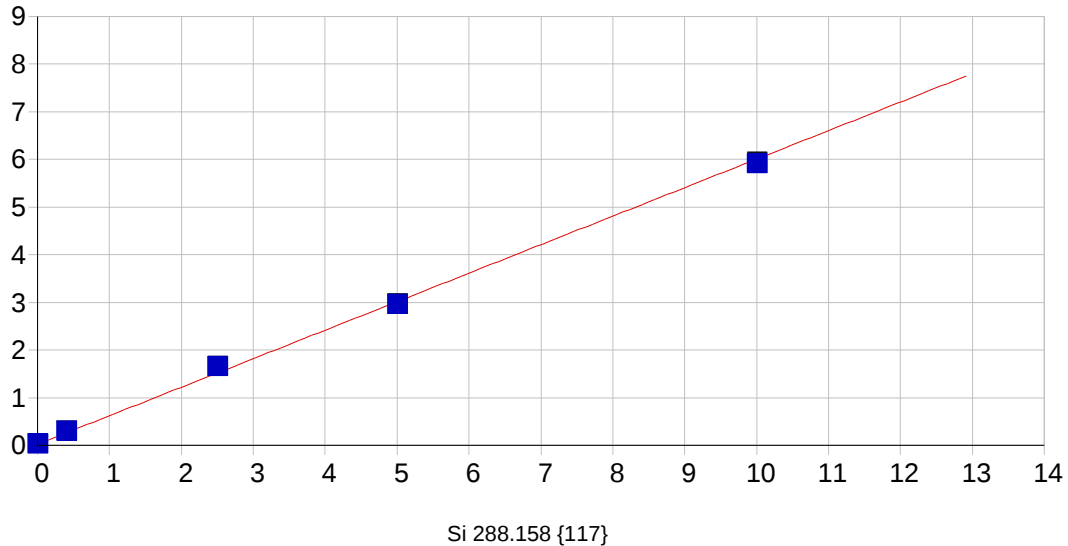
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.063557 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731
 Std Error of Est: 0.000036
 Predicted MDL: 0.002415
 Predicted MQL: 0.008050

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.02000	.01879	-.001	-6.07	.00123	.000	1
S3	2.5000	2.4994	-.001	-.023	.15875	.001	1
S4	5.0000	4.8242	-.176	-3.52	.30633	.000	1
S5	10.000	10.178	.178	1.78	.64622	.001	1



Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

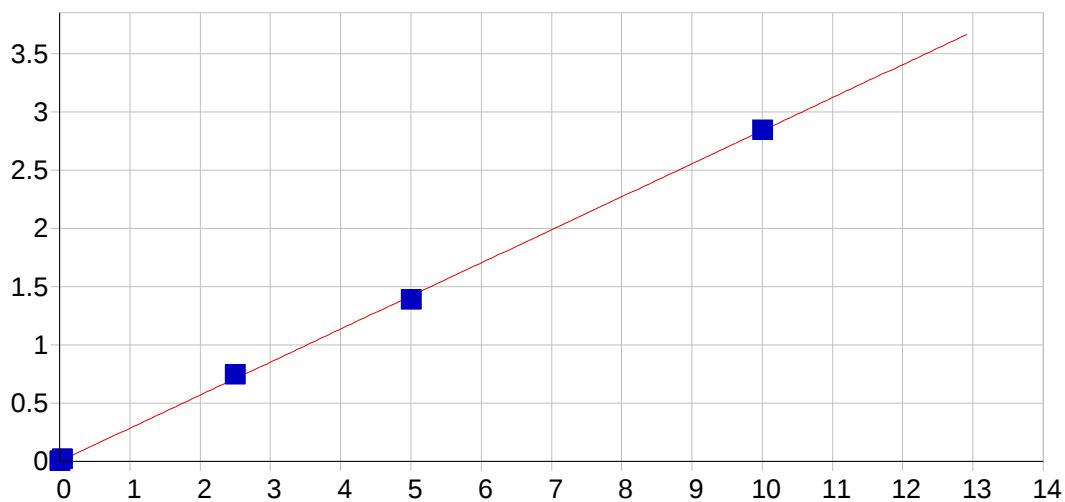
Weighting: 1/Conc

A0 (Offset): 0.022198
 A1 (Gain): 0.598468
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999142
 Std Error of Est: 0.002706
 Predicted MDL: 0.002018
 Predicted MQL: 0.006728

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	-.00007	-.000	.000	.02216	.001	1
S1	.40000	.44852	.049	12.1	.29042	.001	1
S3	2.5000	2.7226	.223	8.90	1.6508	.007	1
S4	5.0000	4.8937	-.106	-2.13	2.9493	.020	1
S5	10.000	9.8352	-.165	-1.65	5.9051	.030	1

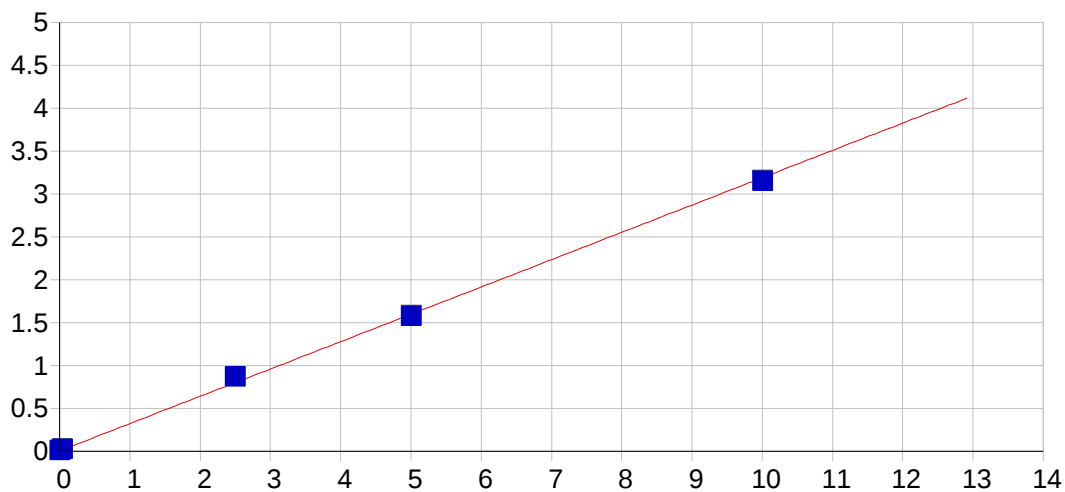


Sn 189.989 {477}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001332 Re-Slope: 1.000000
 A1 (Gain): 0.283669 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.000553
 Predicted MQL: 0.001845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00133	.000	1
S1	.04000	.04515	.005	12.9	.01414	.000	1
S3	2.5000	2.6134	.113	4.54	.74280	.001	1
S4	5.0000	4.8684	-.132	-2.63	1.3826	.002	1
S5	10.000	10.013	.013	.130	2.8422	.004	1



Ti 336.121 {100}

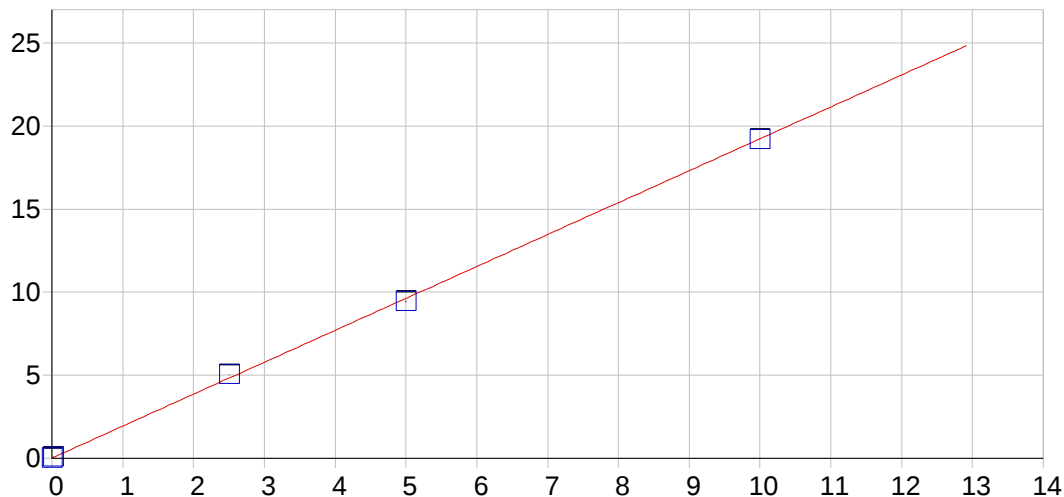
Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004552 Re-Slope: 1.000000
 A1 (Gain): 0.318560 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999423
 Std Error of Est: 0.000370
 Predicted MDL: 0.001984
 Predicted MQL: 0.006613

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00455	.000	1
S1	.04000	.05007	.010	25.2	.02050	.001	1
S3	2.5000	2.6931	.193	7.72	.86236	.001	1
S4	5.0000	4.9203	-.080	-1.59	1.5718	.007	1
S5	10.000	9.8766	-.123	-1.23	3.1504	.005	1



Li 670.784 { 50}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

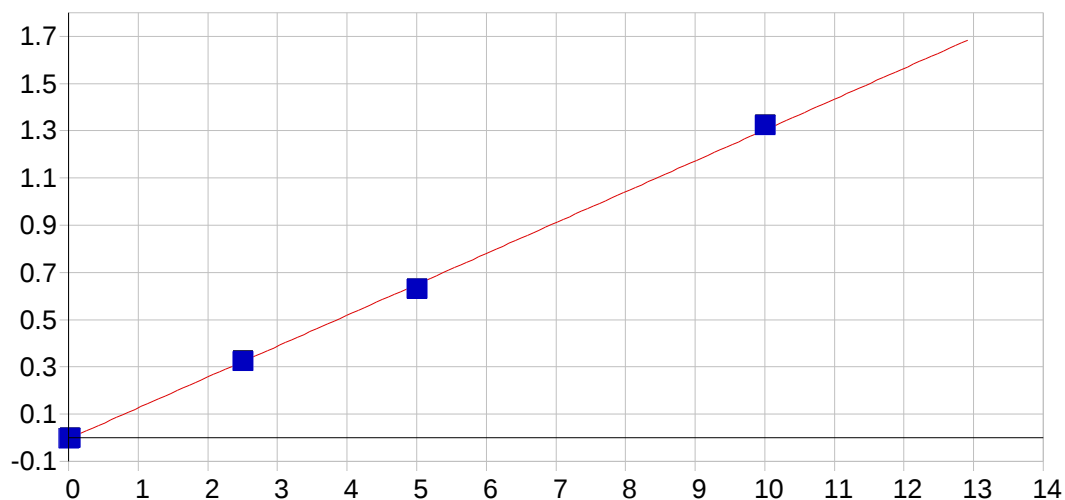
Weighting: 1/Conc

A0 (Offset): 0.018944
 A1 (Gain): 1.921014
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801
 Std Error of Est: 0.000925
 Predicted MDL: 0.001557
 Predicted MQL: 0.005192

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	.01894	.001	1
S1	.02000	.02302	.003	15.1	.06317	.001	1
S3	2.5000	2.6081	.108	4.33	5.0292	.018	1
S4	5.0000	4.9051	-.095	-1.90	9.4417	.040	1
S5	10.000	9.9838	-.016	-.162	19.198	.034	1



P 177.495 {490}

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004120 Re-Slope: 1.000000
 A1 (Gain): 0.130729 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.001206
 Predicted MQL: 0.004019

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00412	.000	1
S1	.02000	.02005	.000	.225	-.00151	.000	1
S3	2.5000	2.5095	.009	.379	.32347	.000	1
S4	5.0000	4.8470	-.153	-3.06	.62858	.001	1
S5	10.000	10.143	.143	1.43	1.3200	.002	1



Y 224.306 {450}*

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

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

Status: Warning Zero Gain

$$Y\ 360.073\ \{94\}^*$$

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
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

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

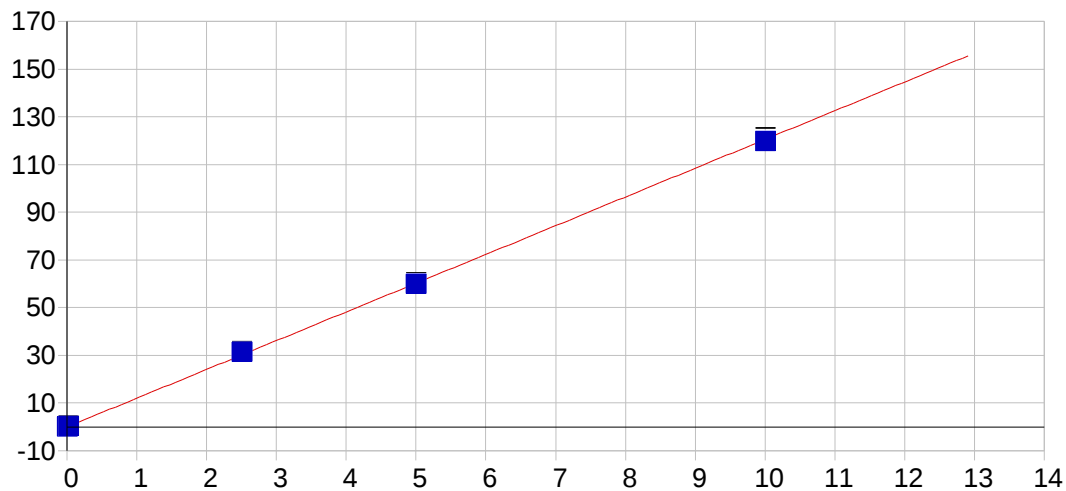
Status: Warning Zero Gain

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
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Sr 407.771 { 83}

Date of Fit: 1/8/2019 14:57:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005401

Re-Slope: 1.000000

A1 (Gain): 12.049267

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999869

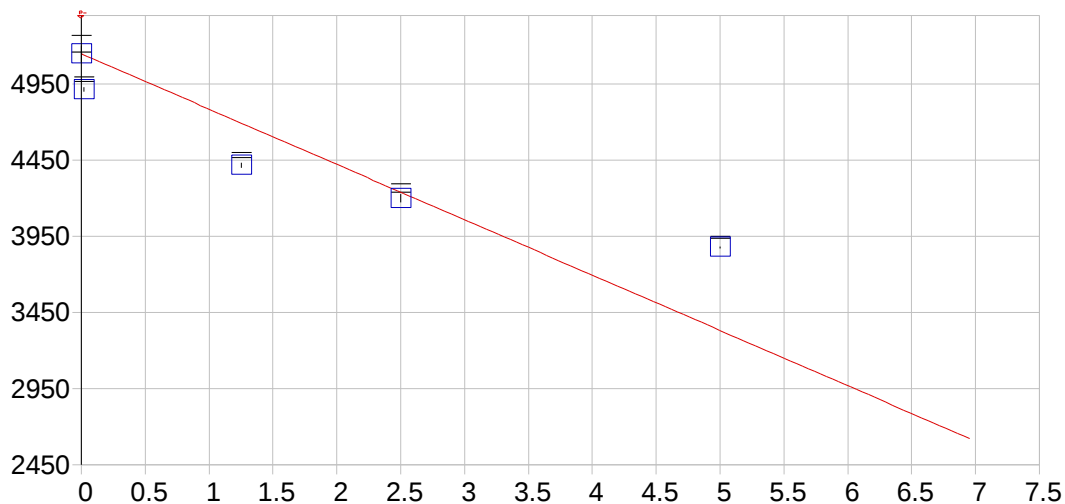
Status: OK.

Std Error of Est: 0.004724

Predicted MDL: 0.000098

Predicted MQL: 0.000326

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00543	.000	1
S1	.02000	.02166	.002	8.30	.25692	.001	1
S3	2.5000	2.5977	.098	3.91	31.328	.121	1
S4	5.0000	4.9687	-.031	-.626	59.930	.320	1
S5	10.000	9.9319	-.068	-.681	119.80	1.34	1

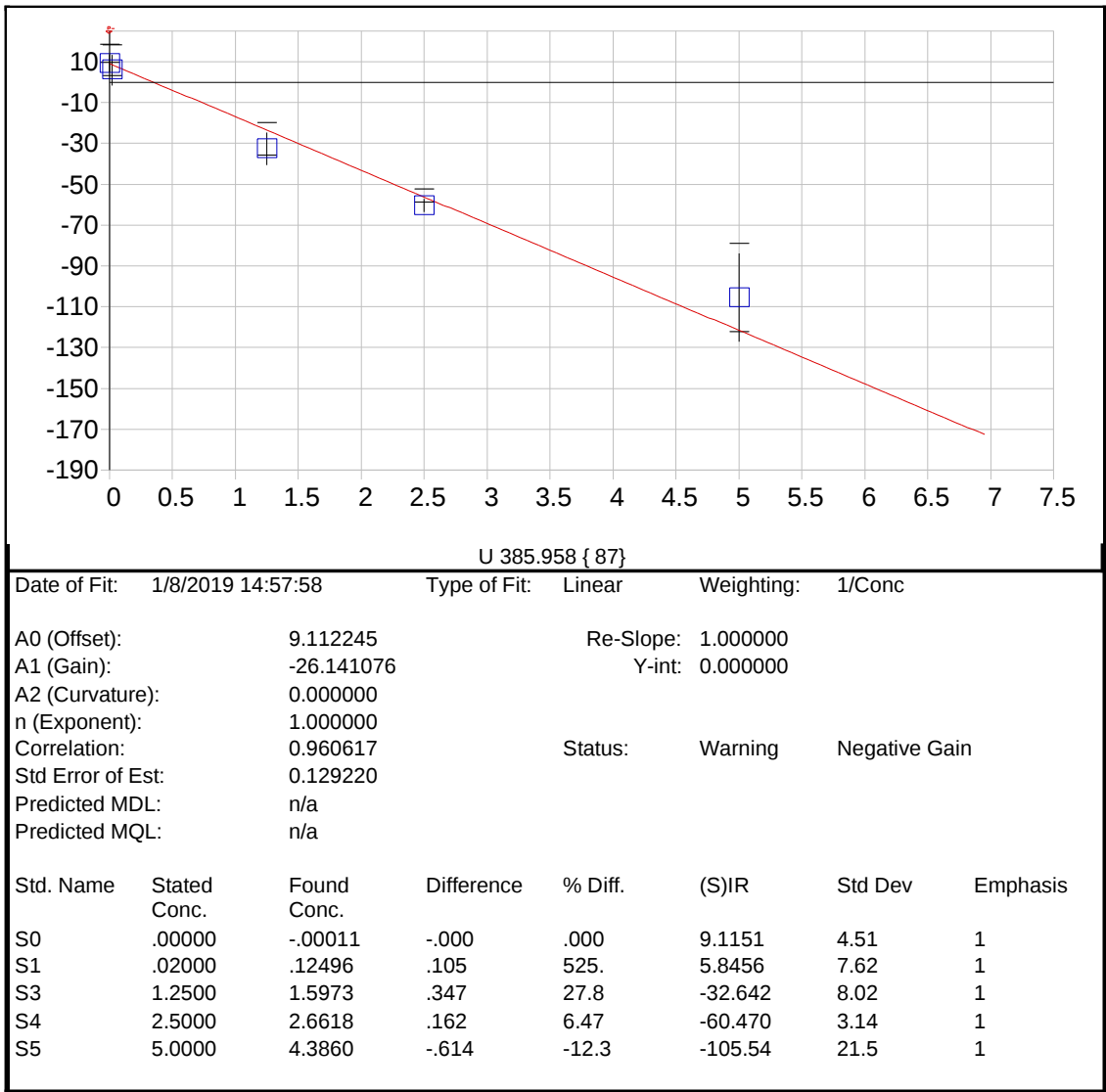


U 367.007 { 92 }

Date of Fit: 1/8/2019 14:57:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5148.648263 Re-Slope: 1.000000
A1 (Gain): -363.317637 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.546041 Status: Warning Negative Gain
Std Error of Est: 9.525508
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00063	-.001	.000	5148.9	54.5	1
S1	.02000	.64767	.628	3140.	4913.3	14.4	1
S3	1.2500	2.0144	.764	61.2	4416.8	18.6	1
S4	2.5000	2.6106	.111	4.42	4200.2	26.6	1
S5	5.0000	3.4973	-1.50	-30.1	3878.0	5.85	1



Sample Name: S0 Acquired: 1/8/2019 11:26:44 Type: Cal
Method: P4-ICP2(v2706) 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	-.00007	-.00108	.00458	-.00006	.00085	-.00008	.10824	-.00001
Stddev	.00001	.00025	.00037	.00015	.00014	.00023	.00105	.00008
%RSD	15.206	22.859	8.0433	261.40	16.776	282.21	.96797	1176.8
#1	-.00009	-.00083	.00480	-.00004	.00075	-.00032	.10923	.00002
#2	-.00006	-.00132	.00479	.00008	.00102	-.00008	.10834	.00005
#3	-.00007	-.00110	.00416	-.00021	.00079	.00015	.10714	-.00009
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	-.00156	.00013	.00002	-.00018	-.00025	-.01837	.00020	-.00001
Stddev	.00034	.00152	.00005	.00005	.00016	.00557	.00003	.00016
%RSD	21.853	1207.1	315.47	26.082	64.697	30.317	16.111	1553.1
#1	-.00192	-.00120	.00001	-.00015	-.00041	-.02238	.00023	.00004
#2	-.00151	-.00021	-.00003	-.00024	-.00025	-.02072	.00016	.00011
#3	-.00124	.00179	.00007	-.00017	-.00009	-.01201	.00022	-.00019
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	-.00731	-.00003	.12844	.00002	.14975	-.02228	.00028	.00056
Stddev	.00021	.00002	.00261	.00005	.00496	.00044	.00010	.00037
%RSD	2.8218	65.382	2.0350	210.85	3.3142	1.9713	37.042	66.022
#1	-.00707	-.00004	.12872	.00005	.14434	-.02177	.00025	.00016
#2	-.00744	-.00002	.13090	-.00003	.15409	-.02251	.00020	.00062
#3	-.00742	-.00001	.12569	.00005	.15081	-.02256	.00040	.00090
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	.00008	.02216	.00133	.00455	.01894	-.0041	-.00543	5148.9
Stddev	.00012	.00107	.00012	.00031	.00065	.0000	.00050	54.5
%RSD	165.90	4.8173	9.0443	6.7810	3.4364	.1445	9.1731	1.0577
#1	-.00005	.02142	.00137	.00484	.01821	-.0041	-.00530	5151.2
#2	.00019	.02167	.00143	.00457	.01945	-.0041	-.00500	5202.1
#3	.00008	.02338	.00119	.00423	.01916	-.0041	-.00598	5093.3

Sample Name: S0 Acquired: 1/8/2019 11:26:44 Type: Cal
Method: P4-ICP2(v2706) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	9.1151
Stddev	4.5078
%RSD	49.454

#1	7.1329
#2	14.274
#3	5.9381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3437.6	45950.	4012.5	85.543	3640.6
Stddev	27.5	433.	21.8	.446	24.3
%RSD	.79960	.94331	.54253	.52152	.66830

#1	3421.8	46320.	4004.3	85.252	3625.8
#2	3421.7	46056.	4037.2	86.057	3627.2
#3	3469.3	45473.	3996.1	85.320	3668.6

Sample Name: S1 Acquired: 1/8/2019 11:30:51 Type: Cal
Method: P4-ICP2(v2706) 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	.00154	.00850	.00849	.00160	.01056	.00105	.74978	.00805
Stddev	.00026	.00016	.00017	.00009	.00033	.00006	.00643	.00004
%RSD	17.043	1.8810	2.0207	5.7271	3.1223	5.9729	.85733	.52440

#1	.00147	.00858	.00831	.00157	.01092	.00104	.74273	.00802
#2	.00183	.00832	.00852	.00153	.01049	.00111	.75532	.00804
#3	.00132	.00861	.00865	.00171	.01027	.00099	.75129	.00810

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	.02473	.00287	.04765	.01882	.18474	.03980	.03055	.00261
Stddev	.00030	.00003	.00019	.00045	.00960	.00029	.00006	.00001
%RSD	1.1938	.97487	.39354	2.3968	5.1990	.73379	.18283	.41221

#1	.02441	.00285	.04781	.01846	.18071	.03956	.03061	.00261
#2	.02498	.00290	.04769	.01868	.19570	.03972	.03051	.00262
#3	.02481	.00286	.04744	.01933	.17781	.04013	.03052	.00260

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	.01331	4.6673	.21865	.00639	.00123	.29042	.01414	.02050
Stddev	.00005	.0376	.00014	.00040	.00005	.00129	.00017	.00067
%RSD	.36837	.80505	.06236	6.2378	4.2896	.44580	1.2113	3.2541

#1	.01336	4.6896	.21875	.00616	.00117	.29103	.01408	.01983
#2	.01326	4.6239	.21850	.00615	.00125	.29130	.01433	.02049
#3	.01331	4.6883	.21871	.00685	.00127	.28893	.01400	.02117

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06317	-.0015	.25692	4913.3	5.8456
Stddev	.00139	.0001	.00090	14.4	7.6170
%RSD	2.2074	9.639	.35189	.29270	130.30

#1	.06293	-.0017	.25631	4908.6	-1.6953
#2	.06466	-.0014	.25796	4901.9	13.536
#3	.06191	-.0015	.25649	4929.5	5.6954

Sample Name: S1 Acquired: 1/8/2019 11:30:51 Type: Cal
Method: P4-ICP2(v2706) 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	3416.3	45627.	3960.4	84.970	3615.3
Stddev	16.4	73.	12.7	.792	18.4
%RSD	.47996	.16064	.31948	.93262	.50964
#1	3400.9	45711.	3959.6	84.066	3600.2
#2	3414.4	45597.	3948.1	85.545	3609.9
#3	3433.5	45573.	3973.4	85.298	3635.8

Sample Name: S2 Acquired: 1/8/2019 11:35:31 Type: Cal
Method: P4-ICP2(v2706) 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	.11848	.02153	.82476	.22803
Stddev	.00057	.00055	.00188	.00191
%RSD	.47969	2.5733	.22737	.83751

#1	.11782	.02119	.82319	.22703
#2	.11878	.02217	.82426	.22683
#3	.11883	.02123	.82684	.23024

Int. Std.	Y_3710
Units	Cts/S
Avg	3937.8
Stddev	31.3
%RSD	.79555

#1	3912.6
#2	3928.0
#3	3972.9

Sample Name: S3 Acquired: 1/8/2019 11:39:26 Type: Cal
Method: P4-ICP2(v2706) 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	.18112	.50761	.86200	.21531	.42750	.04372	28.096	.15606
Stddev	.00070	.00062	.00137	.00102	.00072	.00033	.084	.00027
%RSD	.38536	.12279	.15908	.47507	.16882	.75268	.29841	.17548
#1	.18126	.50722	.86325	.21487	.42682	.04334	28.160	.15626
#2	.18174	.50833	.86221	.21648	.42826	.04390	28.127	.15575
#3	.18036	.50727	.86054	.21457	.42742	.04392	28.001	.15617
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.0871	.67142	.12806	1.7003	.52424	4.5280	2.1111	.12661
Stddev	.0113	.00186	.00047	.0038	.00151	.0609	.0028	.00085
%RSD	.22242	.27711	.36885	.22182	.28853	1.3460	.13094	.67200
#1	5.0887	.67001	.12857	1.6983	.52372	4.4585	2.1138	.12580
#2	5.0975	.67353	.12765	1.7047	.52595	4.5723	2.1082	.12749
#3	5.0750	.67072	.12794	1.6980	.52307	4.5532	2.1113	.12653
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	1.0057	.14164	4.3059	.35462	121.16	1.4674	2.5305	.13935
Stddev	.0046	.00031	.0154	.00131	.39	.0032	.0092	.00051
%RSD	.45440	.21921	.35795	.36902	.32458	.22115	.36338	.36676
#1	1.0078	.14195	4.3146	.35600	121.30	1.4658	2.5289	.13940
#2	1.0088	.14133	4.3150	.35339	121.47	1.4711	2.5403	.13984
#3	1.0004	.14162	4.2881	.35446	120.72	1.4652	2.5221	.13882
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	.15875	1.6508	.74280	.86236	5.0292	.3235	31.328	4416.8
Stddev	.00052	.0073	.00055	.00057	.0179	.0005	.121	18.6
%RSD	.32617	.44260	.07455	.06645	.35559	.1458	.38643	.42110
#1	.15929	1.6590	.74281	.86204	5.0461	.3236	31.361	4402.4
#2	.15870	1.6450	.74335	.86302	5.0310	.3238	31.430	4437.8
#3	.15826	1.6483	.74224	.86201	5.0105	.3229	31.194	4410.2

Sample Name: S3 Acquired: 1/8/2019 11:39:26 Type: Cal
Method: P4-ICP2(v2706) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-32.642
Stddev	8.023
%RSD	24.579

#1	-23.670
#2	-35.129
#3	-39.127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3362.2	44334.	3929.9	82.708	3408.5
Stddev	15.4	79.	30.1	.327	11.0
%RSD	.45760	.17723	.76467	.39532	.32348

#1	3376.2	44246.	3897.6	82.828	3418.7
#2	3345.7	44362.	3934.9	82.338	3396.8
#3	3364.8	44395.	3957.1	82.958	3410.0

Sample Name: S4 Acquired: 1/8/2019 11:43:07 Type: Cal
Method: P4-ICP2(v2706) 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	.34946	.97678	1.6605	.41140	.82287	.08452	53.416	.29626
Stddev	.00025	.00201	.0058	.00035	.00139	.00067	.148	.00038
%RSD	.07256	.20593	.35088	.08518	.16926	.79463	.27626	.12899
#1	.34917	.97563	1.6561	.41180	.82312	.08463	53.336	.29588
#2	.34963	.97562	1.6582	.41116	.82137	.08381	53.587	.29664
#3	.34959	.97911	1.6671	.41124	.82412	.08514	53.326	.29625
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	9.8815	1.2878	.24486	3.2932	.99310	8.7361	3.9807	.23955
Stddev	.0230	.0116	.00086	.0047	.00344	.2190	.0026	.00148
%RSD	.23262	.90368	.35251	.14352	.34612	2.5073	.06402	.61986
#1	9.8671	1.2749	.24509	3.2901	.99136	8.6394	3.9833	.23792
#2	9.8693	1.2975	.24390	3.2909	.99088	8.5820	3.9782	.24082
#3	9.9080	1.2910	.24558	3.2987	.99706	8.9868	3.9806	.23992
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	1.9451	.26701	8.0285	.67372	234.71	2.7995	4.7000	.25697
Stddev	.0041	.00079	.0201	.00101	3.98	.0118	.0047	.00069
%RSD	.21098	.29411	.25067	.14996	1.6944	.42267	.10088	.26860
#1	1.9433	.26647	8.0141	.67369	231.40	2.7948	4.6969	.25742
#2	1.9423	.26791	8.0515	.67272	233.60	2.8129	4.6977	.25618
#3	1.9498	.26666	8.0198	.67474	239.12	2.7906	4.7055	.25732
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	.30633	2.9493	1.3826	1.5718	9.4417	.6286	59.930	4200.2
Stddev	.00015	.0196	.0023	.0072	.0398	.0009	.320	26.6
%RSD	.04809	.66341	.16421	.45814	.42197	.1402	.53421	.63354
#1	.30646	2.9289	1.3800	1.5660	9.4255	.6276	59.770	4184.4
#2	.30636	2.9679	1.3835	1.5695	9.4870	.6294	60.298	4230.9
#3	.30617	2.9512	1.3843	1.5798	9.4125	.6287	59.721	4185.2

Sample Name: S4 Acquired: 1/8/2019 11:43:07 Type: Cal
Method: P4-ICP2(v2706) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-60.470
Stddev	3.141
%RSD	5.1939

#1	-63.112
#2	-61.300
#3	-56.997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.9	43700.	3912.5	79.942	3279.0
Stddev	3.5	126.	27.6	1.293	4.5
%RSD	.10618	.28800	.70497	1.6174	.13612

#1	3310.4	43555.	3925.4	81.028	3282.4
#2	3309.5	43771.	3880.8	80.285	3280.6
#3	3303.9	43775.	3931.3	78.512	3273.9

Sample Name: S5 Acquired: 1/8/2019 11:46:47 Type: Cal
 Method: P4-ICP2(v2706) 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	.71227	1.9732	3.4068	.83344	1.6679	.17500	107.19	.59813
Stddev	.00179	.0019	.0044	.00201	.0008	.00048	.20	.00089
%RSD	.25157	.09663	.12930	.24097	.04898	.27176	.18599	.14908
#1	.71407	1.9716	3.4017	.83554	1.6685	.17446	107.36	.59903
#2	.71048	1.9727	3.4096	.83154	1.6669	.17536	107.23	.59725
#3	.71226	1.9754	3.4090	.83323	1.6681	.17517	106.97	.59811
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	20.322	2.5958	.49630	6.7850	1.9772	17.667	7.9912	.48220
Stddev	.015	.0131	.00037	.0049	.0050	.311	.0130	.00124
%RSD	.07338	.50393	.07481	.07162	.25168	1.7586	.16239	.25684
#1	20.315	2.5881	.49598	6.7804	1.9819	18.007	8.0047	.48210
#2	20.312	2.5884	.49671	6.7846	1.9720	17.596	7.9902	.48102
#3	20.339	2.6109	.49621	6.7901	1.9777	17.398	7.9788	.48349
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9867	.54094	16.253	1.3675	468.54	5.7133	9.4452	.52409
Stddev	.0016	.00097	.028	.0035	7.26	.0144	.0147	.00207
%RSD	.04035	.18010	.17519	.25481	1.5502	.25287	.15530	.39495
#1	3.9849	.54178	16.277	1.3713	476.04	5.7009	9.4580	.52243
#2	3.9876	.54118	16.261	1.3665	468.04	5.7099	9.4292	.52641
#3	3.9877	.53987	16.222	1.3646	461.54	5.7292	9.4485	.52344
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	.64622	5.9051	2.8422	3.1504	19.198	1.320	119.80	3878.0
Stddev	.00108	.0304	.0044	.0047	.034	.002	1.34	5.8
%RSD	.16716	.51421	.15458	.15042	.17796	.1527	1.1192	.15074
#1	.64534	5.8893	2.8399	3.1559	19.219	1.318	118.46	3882.6
#2	.64590	5.8859	2.8395	3.1481	19.158	1.320	119.79	3880.0
#3	.64743	5.9401	2.8473	3.1473	19.216	1.322	121.15	3871.4

Sample Name: S5 Acquired: 1/8/2019 11:46:47 Type: Cal
 Method: P4-ICP2(v2706) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-105.54
Stddev	21.52
%RSD	20.386

#1	-109.89
#2	-82.184
#3	-124.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.3	41827.	3823.2	76.757	3045.7
Stddev	5.6	113.	5.5	1.240	1.7
%RSD	.17613	.27122	.14399	1.6159	.05715

#1	3162.0	41762.	3824.6	75.516	3046.0
#2	3170.0	41760.	3827.8	76.758	3043.8
#3	3172.8	41958.	3817.1	77.997	3047.3

Sample Name: ICV01 Acquired: 1/8/2019 11:59:48 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0083	1.0292	.99780	1.0092	1.0038	2.5985	.52300	.49853
Stddev	.0032	.0034	.00231	.0053	.0029	.0119	.00315	.00090
%RSD	.31704	.32817	.23106	.52391	.28543	.45694	.60149	.18149
#1	1.0110	1.0320	.99954	1.0153	1.0069	2.5849	.52515	.49877
#2	1.0047	1.0302	.99518	1.0055	1.0013	2.6072	.51939	.49753
#3	1.0091	1.0255	.99868	1.0069	1.0032	2.6032	.52446	.49929
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48378	10.665	.51347	.49704	.52684	4.9621	.52136	6.1298
Stddev	.00242	.082	.00098	.00120	.00169	.0626	.00130	.0341
%RSD	.49981	.76671	.19070	.24150	.32140	1.2610	.24974	.55653
#1	.48645	10.605	.51423	.49834	.52866	4.9848	.52155	6.1073
#2	.48318	10.631	.51237	.49596	.52531	5.0102	.51997	6.1132
#3	.48173	10.758	.51382	.49683	.52654	4.8914	.52255	6.1691
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49803	.49863	10.028	.49963	.99615	10.224	F 3.7812	F 3.8638
Stddev	.00039	.00144	.050	.00056	.01546	.035	.0236	.0097
%RSD	.07770	.28802	.50267	.11154	1.5521	.34467	.62292	.25176
#1	.49845	.49736	10.054	.50017	1.0121	10.198	3.8082	3.8559
#2	.49769	.50019	9.9700	.49905	.99503	10.210	3.7709	3.8747
#3	.49796	.49834	10.060	.49966	.98128	10.264	3.7647	3.8609
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .15069	F 3.7155	F 3.6447	F 3.8680	F .00016	F -.0034	F .00685	F 2.7535
Stddev	.00026	.0336	.0192	.0226	.00158	.0002	.00012	.0265
%RSD	.16993	.90493	.52553	.58454	978.78	7.009	1.7107	.96148
#1	.15043	3.7246	3.6663	3.8445	.00194	-.0031	.00672	2.7627
#2	.15069	3.6782	3.6382	3.8701	-.00107	-.0036	.00686	2.7741
#3	.15094	3.7436	3.6297	3.8896	-.00038	-.0035	.00696	2.7236

Sample Name: ICV01 Acquired: 1/8/2019 11:59:48 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8316
Stddev	.0612
%RSD	3.3422

#1	1.8281
#2	1.7722
#3	1.8945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.6	44572.	3949.4	83.298	3547.7
Stddev	26.0	147.	28.9	1.485	24.9
%RSD	.76076	.32928	.73078	1.7824	.70209

#1	3383.6	44423.	3919.6	81.732	3519.2
#2	3427.6	44577.	3977.2	83.476	3558.0
#3	3429.5	44717.	3951.5	84.685	3565.7

Sample Name: LLICV01 Acquired: 1/8/2019 12:03:34 Type: Unk
 Method: P4-ICP2(v2706) 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	.02050	.04671	.01044	.02163	.05763	.11913	.11669	.00658
Stddev	.00164	.00141	.00131	.00124	.00022	.00980	.00047	.00008
%RSD	8.0131	3.0290	12.560	5.7414	.37328	8.2221	.40544	1.2215
#1	.01885	.04803	.01161	.02221	.05785	.11535	.11625	.00665
#2	.02213	.04689	.00902	.02247	.05742	.13025	.11662	.00649
#3	.02053	.04521	.01068	.02020	.05762	.11179	.11719	.00661
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	2.2714	.01149	.03404	.02262	.11016	.02378	2.3107
Stddev	.00011	.0092	.00004	.00013	.00045	.01274	.00017	.0549
%RSD	1.7640	.40440	.31226	.39051	2.0016	11.562	.70708	2.3741
#1	.00602	2.2779	.01153	.03403	.02312	.09653	.02365	2.2651
#2	.00607	2.2609	.01146	.03418	.02251	.12176	.02397	2.2955
#3	.00623	2.2755	.01147	.03392	.02223	.11220	.02372	2.3716
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04444	.01150	2.0533	.04635	.04486	2.1046	.21689	F .12085
Stddev	.00041	.00026	.0087	.00031	.00108	.0101	.00034	.00054
%RSD	.93009	2.2868	.42431	.66932	2.4118	.48116	.15833	.45010
#1	.04482	.01169	2.0507	.04600	.04363	2.1025	.21725	.12048
#2	.04448	.01162	2.0461	.04655	.04532	2.0957	.21657	.12147
#3	.04400	.01120	2.0630	.04652	.04564	2.1156	.21685	.12059
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01612	.44226	.04332	F .05111	.02158	.0196	.02220	F 2.7644
Stddev	.00140	.00070	.00041	.00227	.00076	.0008	.00012	.0312
%RSD	8.7003	.15911	.95767	4.4351	3.5380	3.941	.53469	1.1278
#1	.01592	.44153	.04347	.04858	.02225	.0199	.02210	2.7652
#2	.01482	.44233	.04364	.05294	.02075	.0188	.02218	2.7952
#3	.01761	.44293	.04285	.05182	.02175	.0203	.02233	2.7329

Sample Name: LLICV01 Acquired: 1/8/2019 12:03:34 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0712
Stddev .2638
%RSD 24.630

#1 .88423
#2 .95645
#3 1.3730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.0	44596.	3884.9	83.735	3649.7
Stddev	21.1	66.	34.6	2.073	17.1
%RSD	.62150	.14804	.88986	2.4758	.46896

#1	3363.7	44599.	3915.6	86.125	3632.4
#2	3392.8	44529.	3891.7	82.655	3650.2
#3	3404.6	44661.	3847.5	82.425	3666.6

Sample Name: ICB01 Acquired: 1/8/2019 12:07:38 Type: Unk
Method: P4-ICP2(v2706) 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	.00088	.00036	-.00427	-.00134	-.00068	.01065	.00310	-.00003
Stddev	.00261	.00093	.00013	.00128	.00143	.01064	.00048	.00003
%RSD	297.88	260.49	3.1358	95.000	210.90	99.947	15.545	96.848

#1	.00388	.00021	-.00418	-.00153	.00089	.00589	.00264	-.00002
#2	-.00085	-.00049	-.00442	.00002	-.00100	.02284	.00305	-.00000
#3	-.00040	.00135	-.00421	-.00252	-.00192	.00321	.00360	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00996	.00008	-.00008	-.00025	.00669	-.00004	.00960
Stddev	.00000	.00627	.00014	.00024	.00040	.01021	.00001	.03608
%RSD	9.6991	62.916	179.59	297.11	159.06	152.73	23.842	375.82

#1	.00004	.00302	.00005	.00013	-.00042	.01837	-.00003	-.03202
#2	.00004	.01522	.00024	-.00003	-.00053	-.00050	-.00005	.02886
#3	.00004	.01166	-.00005	-.00034	.00020	.00219	-.00003	.03196

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00069	-.18421	-.00023	-.00042	-.08190	-.00010	-.00017
Stddev	.00006	.00049	.01271	.00019	.00003	.03411	.00028	.00445
%RSD	333.62	71.938	6.9004	83.774	6.5676	41.653	291.07	2611.7

#1	-.00005	.00107	-.17022	-.00030	-.00043	-.11492	-.00013	-.00484
#2	.00006	.00013	-.19504	-.00038	-.00039	-.04679	-.00035	.00402
#3	.00004	.00086	-.18738	-.00001	-.00044	-.08399	.00020	.00031

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	.00503	-.00084	.00416	.00118	-.0006	-.00009	F 2.6683
Stddev	.00089	.00104	.00031	.00053	.00130	.0007	.00005	.0987
%RSD	42.246	20.694	36.888	12.719	110.62	116.3	55.487	3.6996

#1	-.00117	.00453	-.00109	.00446	.00267	-.0014	-.00012	2.5643
#2	-.00221	.00623	-.00049	.00447	.00057	-.0001	-.00003	2.6799
#3	-.00294	.00433	-.00094	.00355	.00029	-.0003	-.00010	2.7607

Sample Name: ICB01 Acquired: 1/8/2019 12:07:38 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51444
Stddev	.13708
%RSD	26.647

#1	.43060
#2	.67264
#3	.44010

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.4	44954.	3903.2	83.764	3693.6
Stddev	4.2	117.	8.2	.756	19.4
%RSD	.12152	.26068	.21002	.90295	.52423

#1	3419.0	44976.	3893.9	83.064	3697.0
#2	3424.0	44827.	3909.5	83.661	3672.7
#3	3427.3	45058.	3906.1	84.566	3711.0

Sample Name: CRI01 Acquired: 1/8/2019 12:11:46 Type: Unk
Method: P4-ICP2(v2706) 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	.02253	.04781	.01078	.02110	.05876	.12476	.11990	.00678
Stddev	.00166	.00059	.00042	.00112	.00130	.00108	.00124	.00009
%RSD	7.3846	1.2270	3.9133	5.2897	2.2040	.86254	1.0352	1.3961
#1	.02065	.04735	.01100	.02239	.05979	.12593	.12127	.00667
#2	.02382	.04761	.01104	.02048	.05918	.12382	.11886	.00683
#3	.02313	.04847	.01029	.02043	.05731	.12453	.11956	.00683
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	2.3458	.01173	.03460	.02331	.12244	.02467	2.3130
Stddev	.00006	.0107	.00013	.00009	.00003	.01132	.00006	.0354
%RSD	.95911	.45752	1.1500	.24897	.12706	9.2481	.23602	1.5293
#1	.00636	2.3478	.01183	.03454	.02327	.12084	.02467	2.2787
#2	.00626	2.3554	.01179	.03457	.02333	.11201	.02473	2.3110
#3	.00638	2.3342	.01158	.03470	.02332	.13449	.02461	2.3494
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04583	.01161	2.1242	.04716	.05169	2.2030	.22156	.11785
Stddev	.00006	.00060	.0168	.00022	.00038	.0230	.00096	.00473
%RSD	.12514	5.1602	.79281	.45823	.74416	1.0423	.43478	4.0107
#1	.04577	.01202	2.1431	.04720	.05212	2.2112	.22127	.11760
#2	.04589	.01093	2.1106	.04736	.05153	2.1771	.22264	.12269
#3	.04584	.01189	2.1190	.04693	.05140	2.2208	.22078	.11325
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02663	.45374	.04505	.05062	.02436	.0227	.02284	F 2.8606
Stddev	.00241	.00614	.00052	.00093	.00067	.0007	.00007	.0619
%RSD	9.0436	1.3540	1.1468	1.8390	2.7516	3.210	.32197	2.1638
#1	.02464	.46076	.04539	.05065	.02487	.0220	.02284	2.9292
#2	.02595	.44934	.04530	.05154	.02360	.0234	.02291	2.8089
#3	.02931	.45112	.04445	.04968	.02461	.0226	.02277	2.8437

Sample Name: CRI01 Acquired: 1/8/2019 12:11:46 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0423
Stddev	.1645
%RSD	15.782

#1	1.2183
#2	1.0160
#3	.89250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.1	44229.	3860.5	84.031	3621.3
Stddev	9.6	155.	31.6	1.140	11.1
%RSD	.28502	.35094	.81853	1.3568	.30542

#1	3358.5	44079.	3824.1	82.743	3608.8
#2	3368.1	44220.	3880.5	84.439	3625.6
#3	3377.7	44389.	3876.9	84.911	3629.6

Sample Name: ICSA01 Acquired: 1/8/2019 12:28:59 Type: Unk
Method: P4-ICP2(v2706) 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	-.00124	-.00402	.00765	-.00676	.00495	280.26	.00966	.00028
Stddev	.00131	.00130	.00074	.00021	.00018	.77	.00053	.00004
%RSD	105.19	32.375	9.7014	3.0799	3.5811	.27592	5.5245	14.967
#1	.00006	-.00295	.00720	-.00654	.00509	279.93	.01010	.00027
#2	-.00124	-.00547	.00723	-.00696	.00475	281.14	.00983	.00032
#3	-.00255	-.00364	.00850	-.00678	.00500	279.71	.00907	.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	262.84	.05708	-.00060	.00045	100.10	.01521	261.24
Stddev	.00017	1.02	.00036	.00028	.00045	1.40	.00011	.65
%RSD	6.8300	.38753	.63084	47.270	99.392	1.3952	.74528	.24848
#1	-.00272	262.69	.05680	-.00051	-.00003	101.17	.01530	261.79
#2	-.00253	263.93	.05696	-.00092	.00086	100.62	.01509	261.41
#3	-.00237	261.91	.05749	-.00037	.00052	98.523	.01525	260.52
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00518	-.00614	.00816	.00106	.00296	.06004	-.00013	-.03067
Stddev	.00036	.00073	.01927	.00018	.00007	.03130	.00025	.00468
%RSD	6.9139	11.894	236.21	17.004	2.4735	52.129	189.58	15.261
#1	-.00548	-.00574	.02836	.00085	.00302	.03807	.00013	-.02544
#2	-.00478	-.00571	.00613	.00116	.00297	.09588	-.00037	-.03212
#3	-.00528	-.00699	-.01001	.00117	.00288	.04618	-.00016	-.03445
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00721	-.00021	.00287	.00384	.00925	.0003	.00020	F 4.1415
Stddev	.00289	.00152	.00134	.00069	.00158	.0008	.00167	.1130
%RSD	40.092	730.30	46.866	17.854	17.115	260.6	852.08	2.7289
#1	.01048	.00108	.00381	.00454	.00987	.0012	-.00148	4.1679
#2	.00617	-.00189	.00347	.00317	.01042	.0001	.00021	4.2390
#3	.00499	.00018	.00133	.00380	.00745	-.0004	.00186	4.0176

Sample Name: ICSA01 Acquired: 1/8/2019 12:28:59 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 15.269
Stddev .239
%RSD 1.5647

#1 15.373
#2 15.438
#3 14.995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.6	39880.	3734.0	74.231	2983.3
Stddev	17.0	204.	22.0	1.327	12.6
%RSD	.54889	.51243	.58922	1.7875	.42259

#1	3112.9	39698.	3713.2	73.187	2997.9
#2	3086.8	39841.	3731.9	73.783	2975.9
#3	3081.0	40101.	3757.0	75.724	2976.2

Sample Name: ICSAB01 Acquired: 1/8/2019 12:33:10 Type: Unk
Method: P4-ICP2(v2706) 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	.10719	.08325	.05825	.04230	.65254	280.90	.52866	.53905
Stddev	.00363	.00089	.00087	.00171	.00671	1.29	.00286	.00054
%RSD	3.3858	1.0644	1.4881	4.0338	1.0282	.45871	.54022	.09988
#1	.10389	.08427	.05770	.04043	.64492	282.11	.53118	.53845
#2	.10660	.08275	.05780	.04271	.65514	281.04	.52925	.53924
#3	.11108	.08272	.05925	.04377	.65757	279.55	.52556	.53948
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0135	259.35	.57204	.51302	.50629	98.021	.52715	258.20
Stddev	.0122	.49	.00210	.00793	.00756	.517	.00101	.23
%RSD	1.2021	.18710	.36778	1.5459	1.4925	.52706	.19183	.08726
#1	1.0012	258.79	.57010	.50541	.49844	97.938	.52604	258.46
#2	1.0138	259.53	.57427	.51241	.50691	98.574	.52802	258.05
#3	1.0256	259.71	.57174	.52123	.51352	97.551	.52738	258.09
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99892	.20188	-.01661	.49308	1.0128	-.00947	F 6.9129	F 6.7766
Stddev	.01482	.00014	.00904	.00142	.0164	.01791	.2032	.0616
%RSD	1.4836	.07136	54.396	.28893	1.6153	189.17	2.9400	.90822
#1	.98445	.20172	-.02230	.49149	.99390	-.02758	6.7040	6.8379
#2	.99825	.20197	-.02134	.49354	1.0222	-.00905	6.9247	6.7772
#3	1.0141	.20197	-.00619	.49423	1.0223	.00823	7.1099	6.7148
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01126	F 6.1258	F 7.0786	F 6.6946	.00802	F -.0048	F .00097	F 4.5781
Stddev	.00456	.0721	.2154	.0583	.00067	.0016	.00090	.0886
%RSD	40.536	1.1761	3.0427	.87097	8.3412	33.62	93.601	1.9354
#1	.01386	6.0430	6.8554	6.7565	.00769	-.0029	.00111	4.6459
#2	.00599	6.1609	7.0952	6.6864	.00879	-.0055	-.00000	4.6106
#3	.01394	6.1736	7.2852	6.6408	.00758	-.0059	.00179	4.4779

Sample Name: ICSAB01 Acquired: 1/8/2019 12:33:10 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 14.898
Stddev .208
%RSD 1.3950

#1 14.842
#2 15.128
#3 14.723

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.0	39192.	3723.9	74.293	2882.3
Stddev	9.7	212.	10.2	.485	9.2
%RSD	.32312	.54000	.27293	.65259	.32012

#1	2998.8	39062.	3731.2	74.486	2871.8
#2	3014.3	39078.	3712.3	73.741	2889.0
#3	3016.8	39436.	3728.3	74.651	2886.1

Sample Name: CCV01 Acquired: 1/8/2019 12:37:06 Type: Unk
Method: P4-ICP2(v2706) 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	5.0868	5.0028	4.8865	5.0346	5.1003	10.405	10.230	.25557
Stddev	.0077	.0041	.0086	.0148	.0031	.106	.078	.00020
%RSD	.15182	.08220	.17541	.29388	.06065	1.0226	.76589	.07775
#1	5.0852	4.9997	4.8955	5.0396	5.1037	10.350	10.215	.25564
#2	5.0952	5.0075	4.8785	5.0462	5.0996	10.527	10.161	.25535
#3	5.0800	5.0013	4.8856	5.0179	5.0976	10.336	10.315	.25573
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4892	F 26.381	1.0480	2.4921	1.2770	5.0601	2.5740	25.015
Stddev	.0008	.055	.0003	.0008	.0016	.0615	.0015	.074
%RSD	.03209	.21008	.02734	.03164	.12544	1.2155	.05813	.29503
#1	2.4901	26.351	1.0483	2.4915	1.2771	4.9894	2.5754	24.931
#2	2.4889	26.445	1.0479	2.4917	1.2786	5.1015	2.5724	25.045
#3	2.4886	26.347	1.0477	2.4930	1.2754	5.0894	2.5741	25.068
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4774	1.2429	24.889	2.4998	2.5617	24.985	4.9952	5.0781
Stddev	.0022	.0018	.215	.0005	.0252	.210	.0061	.0299
%RSD	.08992	.14309	.86238	.01952	.98333	.84102	.12144	.58957
#1	2.4779	1.2409	24.801	2.4995	2.5398	24.986	4.9961	5.0618
#2	2.4793	1.2441	24.732	2.4995	2.5562	24.774	5.0007	5.1127
#3	2.4749	1.2438	25.134	2.5004	2.5892	25.194	4.9887	5.0599
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8782	5.0777	4.9112	5.0131	5.1208	4.958	F 5.3340	F 4.3261
Stddev	.0112	.0428	.0062	.0074	.0386	.009	.0309	.0721
%RSD	.22975	.84320	.12530	.14832	.75427	.1719	.57934	1.6669
#1	4.8845	5.0808	4.9177	5.0082	5.1081	4.958	5.3277	4.3576
#2	4.8847	5.0334	4.9103	5.0217	5.0902	4.966	5.3067	4.2436
#3	4.8652	5.1188	4.9055	5.0094	5.1642	4.949	5.3675	4.3772

Sample Name: CCV01 Acquired: 1/8/2019 12:37:06 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7071
Stddev .2569
%RSD 9.4910

#1 2.9894
#2 2.4870
#3 2.6450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.9	41423.	3745.6	75.629	3187.5
Stddev	1.8	102.	34.6	.765	4.8
%RSD	.05548	.24611	.92320	1.0112	.14942

#1	3175.2	41309.	3734.7	76.262	3182.8
#2	3178.7	41504.	3784.2	75.844	3192.3
#3	3176.8	41457.	3717.7	74.779	3187.5

Sample Name: LLCCV01 Acquired: 1/8/2019 12:45:26 Type: Unk
 Method: P4-ICP2(v2706) 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	.02009	.04175	.00992	.01826	.05248	.11100	.10914	.00603
Stddev	.00133	.00057	.00056	.00008	.00137	.00301	.00095	.00002
%RSD	6.6192	1.3565	5.6016	.43707	2.6070	2.7138	.86955	.37907
#1	.02018	.04216	.00929	.01833	.05361	.11398	.10875	.00600
#2	.02138	.04199	.01035	.01828	.05288	.10795	.11022	.00605
#3	.01872	.04110	.01012	.01817	.05096	.11107	.10845	.00603
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00566	2.1251	.01036	.03082	.02109	.11086	.02204	2.1089
Stddev	.00003	.0045	.00021	.00011	.00048	.00576	.00008	.0426
%RSD	.49793	.21349	2.0575	.35081	2.2925	5.1955	.34427	2.0180
#1	.00563	2.1232	.01047	.03075	.02057	.10463	.02196	2.0940
#2	.00565	2.1302	.01049	.03095	.02120	.11599	.02203	2.1569
#3	.00569	2.1218	.01011	.03077	.02151	.11198	.02212	2.0758
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04074	.01030	1.8568	.04141	.04530	1.9253	.19680	.10432
Stddev	.00018	.00016	.0049	.00012	.00081	.0318	.00099	.01410
%RSD	.44787	1.5544	.26329	.28704	1.7798	1.6519	.50188	13.519
#1	.04093	.01048	1.8584	.04132	.04543	1.8888	.19794	.08990
#2	.04056	.01026	1.8607	.04136	.04443	1.9400	.19628	.10498
#3	.04074	.01017	1.8513	.04154	.04603	1.9470	.19618	.11808
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02200	.41652	.03819	.04716	.01953	.0185	.02070	F 3.3532
Stddev	.00221	.00192	.00040	.00130	.00166	.0002	.00002	.1562
%RSD	10.032	.46012	1.0527	2.7598	8.5114	1.149	.10306	4.6594
#1	.02454	.41592	.03865	.04844	.01902	.0187	.02070	3.3272
#2	.02068	.41498	.03794	.04721	.02139	.0185	.02072	3.5208
#3	.02076	.41867	.03798	.04583	.01818	.0183	.02067	3.2116

Sample Name: LLCCV01 Acquired: 1/8/2019 12:45:26 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .80784
Stddev	.25308
%RSD	31.328

#1	.78598
#2	1.0711
#3	.56641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.2	43945.	3812.3	82.303	3627.0
Stddev	16.0	196.	7.1	1.190	14.1
%RSD	.47905	.44517	.18608	1.4460	.38788

#1	3330.7	43840.	3818.6	82.093	3615.1
#2	3351.5	43824.	3804.7	83.584	3623.3
#3	3362.2	44171.	3813.7	81.232	3642.5

Sample Name: CCB01 Acquired: 1/8/2019 12:49:32 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00026	-.00312	-.00205	-.00110	.00538	.00444	-.00003
Stddev	.00082	.00065	.00012	.00166	.00128	.00811	.00013	.00005
%RSD	285.68	250.97	3.7643	80.974	117.23	150.70	2.9787	161.00
#1	.00064	-.00039	-.00299	-.00018	-.00125	.00122	.00436	-.00003
#2	-.00057	-.00083	-.00322	-.00264	-.00230	.00019	.00459	.00002
#3	-.00093	.00045	-.00313	-.00334	.00026	.01472	.00436	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00010	.00008	-.00011	-.00057	.00141	-.00002	.00721
Stddev	.00004	.01204	.00043	.00014	.00011	.00289	.00004	.02003
%RSD	92.586	11763.	539.26	133.04	20.036	205.35	227.79	277.66
#1	.00005	.01261	-.00041	-.00002	-.00054	.00089	-.00001	-.00668
#2	-.00000	-.01142	.00027	-.00027	-.00069	.00452	.00002	.03017
#3	.00007	-.00088	.00038	-.00003	-.00047	-.00119	-.00006	-.00185
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00081	-.21753	-.00035	-.00041	-.08545	-.00033	.00161
Stddev	.00027	.00010	.00424	.00006	.00009	.01677	.00011	.00543
%RSD	569.46	11.981	1.9477	16.463	22.801	19.630	32.798	338.13
#1	.00009	.00092	-.21829	-.00042	-.00030	-.07079	-.00022	.00292
#2	.00013	.00076	-.21297	-.00033	-.00045	-.10374	-.00044	.00626
#3	-.00035	.00075	-.22134	-.00031	-.00048	-.08182	-.00033	-.00436
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	.00380	-.00203	.00349	-.00086	-.0003	-.00009	F 3.2452
Stddev	.00202	.00145	.00072	.00087	.00039	.0006	.00007	.0947
%RSD	67.397	38.082	35.562	25.020	45.485	203.5	82.970	2.9173
#1	-.00067	.00459	-.00265	.00327	-.00065	-.0002	-.00003	3.3168
#2	-.00428	.00468	-.00220	.00445	-.00063	.0002	-.00017	3.1378
#3	-.00403	.00213	-.00124	.00274	-.00132	-.0010	-.00007	3.2810

Sample Name: CCB01 Acquired: 1/8/2019 12:49:32 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .85543
Stddev	.25619
%RSD	29.949

#1	.70731
#2	.70774
#3	1.1513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.5	44269.	3834.8	81.964	3659.1
Stddev	8.3	119.	52.5	1.538	6.1
%RSD	.24658	.26821	1.3696	1.8769	.16674

#1	3354.8	44133.	3789.6	80.457	3653.2
#2	3354.6	44322.	3822.4	81.905	3658.7
#3	3369.0	44351.	3892.4	83.532	3665.3

Sample Name: LR CHECK1 Acquired: 1/8/2019 12:53:11 Type: Unk
Method: P4-ICP2(v2706) 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	-.03750	-.07456	.01283	-.10350	.05498	F 2011.2	.02712	.00411
Stddev	.00232	.00087	.00447	.00876	.00669	11.1	.00059	.00014
%RSD	6.1768	1.1707	34.817	8.4687	12.160	.54980	2.1637	3.3088
#1	-.03816	-.07494	.01644	-.10603	.06268	2005.4	.02695	.00427
#2	-.03941	-.07518	.01420	-.11072	.05067	2004.2	.02663	.00402
#3	-.03492	-.07356	.00784	-.09374	.05158	2023.9	.02777	.00404
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	F 1843.2	-.00553	.04126	-.14860	F 920.02	.01894	F 1834.4
Stddev	.00154	15.8	.00086	.00075	.00704	14.66	.00020	19.2
%RSD	1703.7	.85770	15.566	1.8194	4.7358	1.5936	1.0474	1.0449
#1	-.00095	1859.7	-.00625	.04183	-.15110	926.69	.01894	1852.2
#2	.00168	1828.2	-.00458	.04155	-.14065	903.21	.01874	1814.1
#3	-.00100	1841.6	-.00578	.04041	-.15404	930.17	.01913	1836.8
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03872	-.08354	1764.6	.00522	.08270	F 1035.4	-.00320	-.32152
Stddev	.00137	.00197	23.4	.00044	.00131	8.5	.00146	.01639
%RSD	3.5371	2.3522	1.3285	8.4145	1.5893	.82332	45.686	5.0971
#1	.03984	-.08322	1790.9	.00542	.08359	1045.2	-.00287	-.30283
#2	.03719	-.08565	1757.2	.00553	.08119	1029.4	-.00193	-.33342
#3	.03912	-.08176	1745.8	.00472	.08332	1031.6	-.00480	-.32832
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36894	-.00050	.03393	-.04818	.07210	.0263	-.99494	4.5279
Stddev	.01501	.00156	.00138	.00146	.00133	.0021	.01625	.0351
%RSD	4.0696	315.10	4.0617	3.0368	1.8511	7.833	1.6336	.77540
#1	.35781	.00055	.03241	-.04827	.07284	.0284	-1.0022	4.4876
#2	.36299	.00026	.03431	-.04668	.07291	.0242	-.97633	4.5513
#3	.38601	-.00229	.03509	-.04960	.07056	.0264	-1.0063	4.5449

Sample Name: LR CHECK1 Acquired: 1/8/2019 12:53:11 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.7	30326.	3355.6	61.223	1891.9
Stddev	4.1	55.	29.5	.868	1.2
%RSD	.17520	.18256	.87874	1.4182	.06480

#1	2316.5	30319.	3329.3	60.766	1893.3
#2	2308.5	30384.	3387.5	62.225	1891.2
#3	2313.2	30274.	3350.0	60.680	1891.2

Sample Name: LR CHECK2 Acquired: 1/8/2019 12:57:47 Type: Unk
Method: P4-ICP2(v2706) 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	-.00157	-.00686	245.03	.02111	-.03252	-.22033	98.874	-.00160
Stddev	.00134	.00103	.79	.00446	.00054	.00868	1.051	.00004
%RSD	85.433	14.994	.32131	21.113	1.6671	3.9397	1.0626	2.6466
#1	-.00091	-.00576	245.13	.02333	-.03257	-.21359	97.661	-.00159
#2	-.00069	-.00703	244.19	.01598	-.03303	-.23013	99.496	-.00156
#3	-.00311	-.00779	245.76	.02402	-.03195	-.21728	99.464	-.00165
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00701	.32530	-.13419	-.00019	F 267.50	-.79844	43.876	-.06274
Stddev	.00006	.02707	.00028	.00010	1.26	.00304	.066	.02881
%RSD	.89399	8.3209	.20556	53.068	.47080	.38034	.14975	45.924
#1	-.00699	.34822	-.13438	-.00025	266.48	-.79540	43.824	-.07872
#2	-.00708	.33223	-.13388	-.00025	267.12	-.79845	43.950	-.02948
#3	-.00695	.29544	-.13432	-.00008	268.91	-.80147	43.855	-.08001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.353	.00949	1.0965	-.00515	F 36.400	.48191	-.00458	-.00911
Stddev	.154	.00026	.0759	.00037	.416	.02965	.00023	.00165
%RSD	.30663	2.7636	6.9199	7.2582	1.1441	6.1515	5.0015	18.124
#1	50.237	.00919	1.1765	-.00547	36.284	.50789	-.00474	-.00808
#2	50.528	.00969	1.0874	-.00523	36.863	.48824	-.00432	-.00824
#3	50.294	.00960	1.0256	-.00474	36.055	.44962	-.00469	-.01102
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09259	-.00632	-.00091	.02805	-.00133	F -3.060	.00263	3.8889
Stddev	.00323	.00032	.00039	.00204	.00036	.011	.00008	.0933
%RSD	3.4862	4.9888	42.349	7.2586	27.309	.3504	2.9746	2.3990
#1	.09430	-.00596	-.00067	.02725	-.00173	-3.050	.00254	3.7932
#2	.08886	-.00643	-.00136	.03037	-.00125	-3.071	.00270	3.8939
#3	.09459	-.00656	-.00071	.02654	-.00102	-3.058	.00264	3.9796

Sample Name: LR CHECK2 Acquired: 1/8/2019 12:57:47 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1760
Stddev	.0276
%RSD	2.3507

#1	1.2041
#2	1.1489
#3	1.1750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.7	43012.	3820.5	78.221	3287.9
Stddev	10.7	107.	9.9	.760	7.1
%RSD	.35612	.24900	.25936	.97135	.21502

#1	3000.3	43083.	3827.9	78.391	3286.0
#2	3021.6	43065.	3824.3	77.391	3282.0
#3	3013.2	42889.	3809.3	78.882	3295.7

Sample Name: K1041-01 Acquired: 1/8/2019 13:08:04 Type: Unk
Method: P4-ICP2(v2706) 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	-.01077	-.02236	-.00642	.02405	.01213	254.72	.14732	.00281
Stddev	.00284	.00370	.00156	.00510	.00161	2.84	.00064	.00003
%RSD	26.357	16.537	24.283	21.203	13.306	1.1132	.43744	.95054
#1	-.00799	-.01809	-.00815	.02957	.01237	257.63	.14777	.00284
#2	-.01065	-.02435	-.00597	.02309	.01041	254.55	.14658	.00279
#3	-.01367	-.02463	-.00514	.01950	.01361	251.97	.14761	.00281
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01366	186.02	.07572	.29579	.79373	512.75	2.7342	141.68
Stddev	.00174	1.20	.00024	.00142	.00170	12.65	.0325	.40
%RSD	12.733	.64410	.31721	.48048	.21394	2.4667	1.1869	.28224
#1	-.01566	187.37	.07563	.29563	.79547	527.08	2.7694	142.00
#2	-.01285	185.10	.07600	.29728	.79208	508.03	2.7277	141.23
#3	-.01248	185.58	.07555	.29445	.79365	503.14	2.7055	141.80
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25696	-.01773	27.680	1.1338	1.5229	3.1709	.00316	.56335
Stddev	.00154	.00130	.146	.0135	.0452	.0299	.00060	.02629
%RSD	.60091	7.3439	.52730	1.1899	2.9706	.94337	18.835	4.6668
#1	.25692	-.01629	27.809	1.1487	1.5745	3.2054	.00346	.59363
#2	.25853	-.01807	27.522	1.1304	1.5040	3.1519	.00355	.54634
#3	.25544	-.01883	27.710	1.1224	1.4902	3.1553	.00247	.55008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.550	3.4517	.00664	9.0538	.09353	8.992	.19458	.30812
Stddev	.075	.0305	.00052	.0198	.00090	.032	.00955	.28524
%RSD	.45527	.88445	7.8409	.21882	.96601	.3552	4.9102	92.576
#1	16.637	3.4575	.00604	9.0760	.09390	9.022	.18411	.58744
#2	16.511	3.4187	.00692	9.0381	.09419	8.997	.19683	.31960
#3	16.502	3.4789	.00697	9.0473	.09250	8.958	.20282	.01731

Sample Name: K1041-01 Acquired: 1/8/2019 13:08:04 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.5523
Stddev .2589
%RSD 2.7098

#1 9.8510
#2 9.4105
#3 9.3953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3709.4	48568.	4689.4	75.365	2901.3
Stddev	7.1	665.	32.2	2.180	6.3
%RSD	.19260	1.3684	.68755	2.8932	.21785

#1	3708.0	47849.	4653.1	72.886	2906.9
#2	3703.1	48695.	4714.9	76.226	2894.4
#3	3717.2	49160.	4700.2	76.984	2902.4

Sample Name: K1058-01 Acquired: 1/8/2019 13:12:00 Type: Unk
Method: P4-ICP2(v2706) 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	.09197	-.00861	11.174	.01798	.01376	114.99	1.7200	.00652
Stddev	.00229	.00128	.015	.00607	.00131	.22	.0070	.00009
%RSD	2.4931	14.875	.13622	33.765	9.5250	.19188	.40801	1.4568

#1	.08997	-.00932	11.174	.01373	.01243	114.85	1.7150	.00645
#2	.09146	-.00937	11.158	.01527	.01505	115.25	1.7169	.00647
#3	.09447	-.00713	11.189	.02493	.01379	114.89	1.7280	.00662

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02255	322.09	.34174	.10650	1.3776	323.09	4.8062	62.286
Stddev	.00056	2.42	.00099	.00027	.0059	4.07	.0146	.147
%RSD	2.4621	.75020	.28940	.25240	.42507	1.2611	.30281	.23529

#1	.02319	319.36	.34064	.10678	1.3839	318.44	4.8228	62.227
#2	.02222	322.98	.34256	.10625	1.3765	324.79	4.7999	62.179
#3	.02224	323.94	.34203	.10648	1.3724	326.03	4.7958	62.453

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36549	-.01167	1.5803	.44523	7.0976	13.683	.01880	.00123
Stddev	.00105	.00078	.0123	.00154	.0974	.063	.00024	.00250
%RSD	.28824	6.6820	.78085	.34483	1.3726	.46238	1.2948	203.20

#1	.36649	-.01246	1.5662	.44349	6.9852	13.610	.01890	.00315
#2	.36439	-.01164	1.5856	.44638	7.1587	13.726	.01852	-.00159
#3	.36558	-.01090	1.5892	.44583	7.1488	13.713	.01897	.00213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1639	1.9776	.19390	3.1029	.13254	F 11.19	.14439	1.4935
Stddev	.0163	.0376	.00092	.0014	.00069	.01	.00166	.2009
%RSD	.20012	1.9019	.47465	.04613	.52310	.1057	1.1483	13.453

#1	8.1777	1.9342	.19287	3.1029	.13303	11.18	.14607	1.6225
#2	8.1682	1.9999	.19421	3.1043	.13284	11.20	.14434	1.5960
#3	8.1459	1.9987	.19463	3.1015	.13174	11.19	.14275	1.2620

Sample Name: K1058-01 Acquired: 1/8/2019 13:12:00 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.576
Stddev	1.188
%RSD	6.0707

#1	20.505
#2	18.237
#3	19.986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.0	46403.	4403.4	78.594	3037.7
Stddev	13.3	188.	9.8	.887	4.0
%RSD	.37864	.40418	.22155	1.1292	.13140

#1	3510.8	46295.	4414.3	79.609	3033.1
#2	3520.9	46294.	4400.5	77.966	3039.6
#3	3537.2	46620.	4395.5	78.206	3040.4

Sample Name: K1062-01 Acquired: 1/8/2019 13:16:05 Type: Unk
Method: P4-ICP2(v2706) 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	.10485	-.00492	10.430	.02206	.01495	121.27	2.1433	.00679
Stddev	.00413	.00171	.077	.00354	.00043	.32	.0167	.00014
%RSD	3.9390	34.822	.73485	16.064	2.8903	.26429	.77825	2.0549
#1	.10933	-.00329	10.501	.01860	.01445	121.62	2.1608	.00671
#2	.10401	-.00670	10.441	.02190	.01517	121.21	2.1276	.00671
#3	.10120	-.00476	10.349	.02568	.01524	120.99	2.1414	.00695
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02184	89.737	.35976	.11818	1.5697	346.74	4.5843	50.043
Stddev	.00113	.495	.00063	.00123	.0150	5.33	.0154	.486
%RSD	5.1617	.55135	.17624	1.0388	.95564	1.5386	.33540	.97156
#1	.02278	90.060	.35974	.11899	1.5822	342.20	4.5844	50.453
#2	.02216	89.167	.36040	.11878	1.5739	345.40	4.5690	49.506
#3	.02059	89.984	.35914	.11677	1.5531	352.61	4.5997	50.171
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38096	-.01035	1.6257	.48959	8.4218	11.763	.01917	.01899
Stddev	.00286	.00065	.0111	.00192	.1273	.030	.00012	.01369
%RSD	.74956	6.3051	.68308	.39176	1.5120	.25470	.61416	72.072
#1	.38304	-.01075	1.6321	.48776	8.3156	11.794	.01913	.00818
#2	.38214	-.01070	1.6129	.49158	8.3867	11.735	.01908	.01441
#3	.37771	-.00960	1.6322	.48942	8.5630	11.760	.01931	.03439
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9664	1.8373	.20788	2.9388	.13023	F 11.39	-.03404	.73489
Stddev	.0460	.0104	.00186	.0169	.00036	.11	.00589	.10866
%RSD	.77146	.56330	.89680	.57527	.27980	.9464	17.293	14.786
#1	6.0048	1.8489	.20859	2.9520	.13065	11.47	-.02795	.85211
#2	5.9790	1.8290	.20929	2.9447	.12999	11.43	-.03447	.63754
#3	5.9154	1.8341	.20577	2.9198	.13004	11.27	-.03970	.71503

Sample Name: K1062-01 Acquired: 1/8/2019 13:16:05 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 19.490
 Stddev 1.121
 %RSD 5.7544

#1 18.199
 #2 20.222
 #3 20.048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3679.5	48259.	4476.1	79.482	3189.1
Stddev	21.4	141.	32.4	1.281	19.8
%RSD	.58281	.29200	.72319	1.6123	.61972

#1	3659.5	48110.	4447.3	80.512	3172.3
#2	3677.0	48279.	4511.2	79.887	3184.0
#3	3702.2	48389.	4469.9	78.047	3210.9

Sample Name: J6558-06 Acquired: 1/8/2019 13:20:09 Type: Unk
Method: P4-ICP2(v2706) 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	.15262	-.01832	130.74	.01336	1.1807	107.69	3.9470	.00808
Stddev	.00300	.00120	1.03	.00107	.0016	.40	.0214	.00009
%RSD	1.9674	6.5414	.78439	8.0194	.13711	.37167	.54174	1.1387
#1	.15129	-.01969	131.73	.01407	1.1825	108.13	3.9343	.00802
#2	.15605	-.01775	130.80	.01213	1.1798	107.34	3.9717	.00819
#3	.15051	-.01751	129.68	.01388	1.1797	107.60	3.9349	.00804
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13140	363.33	1.7359	.10377	12.455	457.46	2.5999	50.389
Stddev	.00096	1.75	.0100	.00029	.073	1.70	.0144	.135
%RSD	.72883	.48236	.57643	.27880	.58962	.37055	.55344	.26703
#1	.13245	361.41	1.7445	.10399	12.534	455.55	2.6160	50.246
#2	.13116	364.84	1.7249	.10388	12.444	458.08	2.5883	50.407
#3	.13058	363.74	1.7383	.10344	12.388	458.76	2.5953	50.513
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54921	.16856	3.5704	.24538	19.365	9.0307	.04619	-.01033
Stddev	.00186	.00030	.0195	.00106	.061	.0031	.00039	.00648
%RSD	.33868	.17921	.54648	.43136	.31502	.03426	.83879	62.745
#1	.55098	.16889	3.5528	.24594	19.295	9.0272	.04659	-.00559
#2	.54940	.16830	3.5914	.24415	19.409	9.0330	.04616	-.00769
#3	.54727	.16849	3.5669	.24604	19.390	9.0320	.04582	-.01772
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.627	F 19.556	2.9057	7.5894	.05727	F 129.6	1.0752	1.9937
Stddev	.125	.075	.0062	.0314	.00093	1.0	.0089	.1182
%RSD	.74894	.38106	.21433	.41370	1.6201	.7587	.82870	5.9277
#1	16.733	19.470	2.9102	7.5734	.05731	130.6	1.0669	2.1239
#2	16.659	19.602	2.9084	7.6256	.05633	129.6	1.0846	1.8932
#3	16.490	19.597	2.8986	7.5693	.05818	128.6	1.0741	1.9639

Sample Name: J6558-06 Acquired: 1/8/2019 13:20:09 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.039
Stddev	.113
%RSD	.80721

#1	14.036
#2	14.154
#3	13.927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3236.0	43316.	4052.0	76.203	2981.5
Stddev	22.8	344.	12.7	.139	24.5
%RSD	.70495	.79523	.31280	.18288	.82292

#1	3210.8	42921.	4050.8	76.363	2954.7
#2	3242.1	43556.	4039.9	76.134	2986.7
#3	3255.1	43470.	4065.2	76.111	3003.0

Sample Name: J6558-06DUP Acquired: 1/8/2019 13:24:02 Type: Unk
Method: P4-ICP2(v2706) 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	.14941	-.01732	126.55	.00677	1.1628	108.75	3.8699	.00787
Stddev	.00353	.00211	.38	.00042	.0046	.15	.0089	.00004
%RSD	2.3619	12.173	.29705	6.1437	.39728	.13770	.23112	.55126
#1	.14999	-.01629	126.82	.00716	1.1681	108.66	3.8738	.00786
#2	.14563	-.01593	126.71	.00633	1.1606	108.92	3.8762	.00784
#3	.15261	-.01975	126.12	.00682	1.1596	108.66	3.8596	.00792
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12923	348.29	1.7257	.10121	11.446	429.41	2.5224	49.491
Stddev	.00117	1.46	.0029	.00049	.040	7.82	.0042	.129
%RSD	.90836	.42063	.16552	.48357	.35209	1.8208	.16486	.25977
#1	.13042	347.06	1.7290	.10140	11.423	424.43	2.5210	49.388
#2	.12808	347.89	1.7242	.10157	11.424	438.42	2.5190	49.635
#3	.12918	349.91	1.7239	.10065	11.493	425.37	2.5270	49.451
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53590	.16416	3.5348	.24313	18.826	8.7790	.04435	.00188
Stddev	.00063	.00115	.0119	.00101	.300	.0086	.00041	.01124
%RSD	.11835	.70262	.33734	.41433	1.5912	.09747	.93143	596.78
#1	.53663	.16296	3.5471	.24240	18.644	8.7752	.04422	-.00441
#2	.53556	.16526	3.5341	.24272	19.172	8.7729	.04401	.01485
#3	.53551	.16426	3.5233	.24428	18.662	8.7887	.04481	-.00479
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.442	F 18.330	2.5466	7.4328	.05659	F 125.6	1.0311	2.0553
Stddev	.067	.084	.0078	.0156	.00129	.3	.0098	.1024
%RSD	.40867	.45766	.30606	.21021	2.2740	.2628	.95017	4.9817
#1	16.515	18.319	2.5390	7.4243	.05613	125.9	1.0321	2.1331
#2	16.430	18.253	2.5463	7.4509	.05804	125.6	1.0208	2.0936
#3	16.383	18.419	2.5546	7.4234	.05559	125.3	1.0404	1.9393

Sample Name: J6558-06DUP Acquired: 1/8/2019 13:24:02 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.116
Stddev	.862
%RSD	6.5740

#1	13.862
#2	12.172
#3	13.314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.0	43645.	4094.6	77.085	2992.9
Stddev	1.5	39.	8.4	1.129	12.6
%RSD	.04590	.08894	.20477	1.4647	.42241

#1	3239.0	43609.	4098.9	77.776	2984.9
#2	3237.5	43640.	4099.8	75.783	2986.2
#3	3240.5	43686.	4084.9	77.698	3007.4

Sample Name: J6558-06LX5 Acquired: 1/8/2019 13:27:54 Type: Unk
Method: P4-ICP2(v2706) 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	.03141	-.00254	25.804	.00195	.24787	21.256	.80030	.00157
Stddev	.00081	.00044	.057	.00127	.00102	.194	.00670	.00004
%RSD	2.5891	17.384	.22068	64.929	.41055	.91500	.83687	2.6567

#1	.03175	-.00204	25.762	.00193	.24684	21.461	.80714	.00161
#2	.03199	-.00269	25.869	.00323	.24888	21.074	.80000	.00154
#3	.03048	-.00289	25.781	.00070	.24787	21.233	.79376	.00155

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02494	74.917	.37918	.01968	2.5503	86.553	.56399	10.806
Stddev	.00020	.366	.00435	.00007	.0116	2.096	.00503	.014
%RSD	.80349	.48818	1.1462	.34285	.45280	2.4222	.89232	.12610

#1	.02471	75.157	.38184	.01976	2.5436	88.967	.56894	10.819
#2	.02500	75.099	.37417	.01964	2.5637	85.192	.55888	10.792
#3	.02510	74.496	.38154	.01964	2.5437	85.499	.56416	10.807

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10602	.03520	.71046	.05016	3.9509	1.7258	.00921	-.00855
Stddev	.00038	.00048	.01740	.00016	.0951	.0351	.00014	.00529
%RSD	.35975	1.3740	2.4492	.31746	2.4077	2.0330	1.5425	61.912

#1	.10617	.03482	.72788	.05026	4.0607	1.7067	.00915	-.00358
#2	.10558	.03575	.71041	.04997	3.8974	1.7663	.00910	-.01412
#3	.10629	.03504	.69308	.05023	3.8945	1.7043	.00937	-.00795

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1599	1.5910	.50637	1.4173	.01129	F 28.21	.22438	3.2758
Stddev	.0086	.0061	.00125	.0052	.00153	.04	.00140	.0400
%RSD	.27055	.38373	.24747	.36873	13.530	.1454	.62197	1.2219

#1	3.1697	1.5975	.50568	1.4232	.01006	28.20	.22335	3.2970
#2	3.1540	1.5902	.50560	1.4155	.01300	28.25	.22597	3.2296
#3	3.1561	1.5854	.50781	1.4131	.01080	28.17	.22382	3.3008

Sample Name: J6558-06LX5 Acquired: 1/8/2019 13:27:54 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 14.196
 Stddev .350
 %RSD 2.4630

#1 14.460
 #2 13.799
 #3 14.328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.7	43560.	3937.1	81.070	3436.4
Stddev	13.0	460.	29.9	1.970	6.6
%RSD	.38746	1.0559	.75884	2.4300	.19121

#1	3346.7	43074.	3912.1	78.797	3434.3
#2	3329.5	43989.	3929.2	82.131	3431.2
#3	3354.9	43617.	3970.2	82.281	3443.8

Sample Name: J6558-07 Acquired: 1/8/2019 13:31:43 Type: Unk
Method: P4-ICP2(v2706) 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	.97954	2.0216	128.53	2.0346	2.0164	110.62	4.1522	.21672
Stddev	.00813	.0120	.66	.0138	.0121	1.15	.0309	.00178
%RSD	.82959	.59102	.51664	.67761	.59865	1.0352	.74476	.82049
#1	.97626	2.0229	128.82	2.0303	2.0197	109.38	4.1338	.21481
#2	.97356	2.0091	127.77	2.0235	2.0030	111.63	4.1879	.21833
#3	.98879	2.0329	129.01	2.0500	2.0264	110.85	4.1349	.21702
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33059	361.49	F 2.1407	.31606	12.306	452.00	2.7484	51.940
Stddev	.00318	2.73	.0140	.00159	.056	12.61	.0165	.381
%RSD	.96112	.75595	.65506	.50232	.45637	2.7886	.60031	.73335
#1	.33289	359.56	2.1274	.31627	12.322	439.50	2.7299	51.629
#2	.32697	364.62	2.1554	.31438	12.243	464.71	2.7617	52.365
#3	.33192	360.29	2.1392	.31753	12.352	451.80	2.7535	51.826
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0714	.23993	6.7608	.54328	19.273	19.592	.46227	.31869
Stddev	.0060	.00120	.0335	.00347	.562	.130	.00258	.01831
%RSD	.55915	.49916	.49617	.63859	2.9179	.66326	.55907	5.7441
#1	1.0710	.23859	6.7336	.53928	18.707	19.570	.46366	.29818
#2	1.0657	.24088	6.7982	.54548	19.832	19.732	.45929	.33337
#3	1.0776	.24033	6.7504	.54508	19.279	19.474	.46385	.32451
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.552	F 19.401	3.4843	7.7295	.28349	F 131.9	1.2885	2.3379
Stddev	.093	.077	.0152	.0714	.00126	.7	.0057	.1565
%RSD	.56297	.39800	.43554	.92422	.44387	.5096	.44589	6.6948
#1	16.595	19.381	3.4906	7.6917	.28225	132.2	1.2936	2.2017
#2	16.445	19.486	3.4669	7.8119	.28476	131.2	1.2896	2.5089
#3	16.616	19.336	3.4952	7.6849	.28345	132.4	1.2823	2.3031

Sample Name: J6558-07 Acquired: 1/8/2019 13:31:43 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.6628
Stddev	1.3483
%RSD	13.954

#1	8.3150
#2	11.012
#3	9.6619

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.6	43225.	4048.1	76.037	2966.6
Stddev	4.9	331.	27.2	1.957	8.2
%RSD	.15263	.76476	.67250	2.5741	.27662

#1	3215.3	43570.	4052.2	77.955	2963.8
#2	3220.6	42911.	4019.0	74.043	2975.9
#3	3210.8	43196.	4073.0	76.113	2960.2

Sample Name: CCV02 Acquired: 1/8/2019 13:35:32 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7576	4.6303	4.7122	4.7121	4.7799	9.6178	9.6332	.23660
Stddev	.0162	.0123	.0121	.0049	.0140	.1432	.0588	.00222
%RSD	.34050	.26541	.25677	.10410	.29353	1.4884	.61005	.93673
#1	4.7714	4.6443	4.7247	4.7169	4.7959	9.4597	9.6193	.23404
#2	4.7617	4.6213	4.7115	4.7124	4.7696	9.6551	9.5827	.23787
#3	4.7397	4.6253	4.7005	4.7071	4.7743	9.7387	9.6977	.23789
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2799	24.670	.97115	2.2960	1.1942	4.6048	2.3684	23.222
Stddev	.0032	.207	.01187	.0043	.0035	.0794	.0267	.188
%RSD	.13973	.84059	1.2219	.18937	.29400	1.7248	1.1260	.80909
#1	2.2833	24.556	.95744	2.3010	1.1983	4.6060	2.3378	23.051
#2	2.2769	24.544	.97791	2.2937	1.1920	4.5248	2.3811	23.192
#3	2.2796	24.909	.97808	2.2932	1.1924	4.6836	2.3864	23.423
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3040	1.1439	23.644	2.2963	2.3238	23.614	4.6982	4.7683
Stddev	.0041	.0129	.153	.0263	.0327	.120	.0137	.0257
%RSD	.17767	1.1292	.64830	1.1473	1.4089	.50899	.29088	.53854
#1	2.3083	1.1290	23.576	2.2659	2.3230	23.537	4.7139	4.7387
#2	2.3002	1.1504	23.537	2.3097	2.2915	23.552	4.6909	4.7853
#3	2.3035	1.1522	23.819	2.3132	2.3569	23.752	4.6897	4.7807
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5046	4.6797	4.5467	4.6598	4.8910	4.592	5.0298	F 4.2796
Stddev	.0067	.0152	.0053	.0216	.0248	.005	.0228	.0769
%RSD	.14830	.32363	.11546	.46429	.50677	.1069	.45252	1.7961
#1	4.5108	4.6654	4.5527	4.6718	4.8784	4.597	5.0180	4.2013
#2	4.4975	4.6782	4.5430	4.6348	4.8750	4.593	5.0155	4.2825
#3	4.5055	4.6955	4.5444	4.6727	4.9195	4.587	5.0561	4.3550

Sample Name: CCV02 Acquired: 1/8/2019 13:35:32 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2878
Stddev	.2245
%RSD	9.8137

#1	2.1921
#2	2.1271
#3	2.5444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.5	42683.	3842.1	79.587	3302.8
Stddev	22.4	416.	11.6	1.257	19.1
%RSD	.68907	.97432	.30221	1.5796	.57807

#1	3222.0	43163.	3841.5	79.258	3281.5
#2	3264.0	42464.	3854.0	80.976	3318.5
#3	3256.4	42422.	3830.8	78.527	3308.4

Sample Name: CCB02 Acquired: 1/8/2019 14:00:02 Type: Unk
Method: P4-ICP2(v2706) 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	.00080	.00068	F .00976	-.00355	-.00108	.00705	.00366	-.00002
Stddev	.00076	.00067	.00149	.00202	.00177	.00727	.00026	.00003
%RSD	94.880	98.485	15.270	56.838	164.63	103.16	7.1333	139.44
#1	.00110	.00012	.01148	-.00213	-.00011	.00714	.00370	-.00004
#2	.00138	.00142	.00891	-.00586	-.00312	.01427	.00389	-.00004
#3	-.00006	.00049	.00889	-.00266	.00000	-.00027	.00337	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01246	-.00014	.00004	-.00047	.00780	.00003	.02149
Stddev	.00004	.00634	.00021	.00015	.00033	.00826	.00005	.04896
%RSD	50.081	50.913	149.31	369.92	69.358	105.87	143.27	227.76
#1	.00013	.00514	.00003	.00020	-.00038	.01529	-.00001	.06623
#2	.00008	.01644	-.00037	-.00010	-.00084	.00918	.00008	.02905
#3	.00005	.01580	-.00007	.00002	-.00020	-.00106	.00003	-.03080
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00089	-.18384	-.00038	.00007	-.06479	-.00032	-.01119
Stddev	.00032	.00033	.00184	.00037	.00006	.01700	.00010	.00633
%RSD	85.701	37.288	1.0030	96.695	89.671	26.244	30.973	56.529
#1	.00002	.00118	-.18301	-.00045	.00001	-.07197	-.00043	-.01669
#2	.00065	.00095	-.18256	-.00071	.00013	-.07702	-.00026	-.01261
#3	.00045	.00053	-.18596	.00002	.00006	-.04537	-.00026	-.00428
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00460	.00605	-.00239	.00659	-.00022	.0008	-.00002	F 3.6053
Stddev	.00200	.00104	.00010	.00106	.00002	.0014	.00012	.1966
%RSD	43.470	17.138	4.0068	16.131	8.4620	178.6	694.55	5.4520
#1	-.00259	.00486	-.00237	.00776	-.00023	.0013	-.00015	3.8107
#2	-.00462	.00672	-.00230	.00570	-.00023	.0018	.00001	3.5862
#3	-.00659	.00658	-.00249	.00630	-.00020	-.0008	.00009	3.4189

Sample Name: CCB02 Acquired: 1/8/2019 14:00:02 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .72482
Stddev	.31782
%RSD	43.847

#1	1.0904
#2	.51435
#3	.56970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.5	44644.	3860.4	84.027	3730.1
Stddev	11.2	284.	33.0	1.448	13.8
%RSD	.32841	.63706	.85595	1.7237	.36916

#1	3400.1	44342.	3877.7	85.677	3736.6
#2	3384.0	44684.	3822.3	82.966	3714.3
#3	3405.5	44907.	3881.2	83.439	3739.5

Sample Name: J6558-08 Acquired: 1/8/2019 14:04:12 Type: Unk
Method: P4-ICP2(v2706) 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	.98695	2.0298	128.53	2.0489	2.0222	111.72	4.1435	.21602
Stddev	.00054	.0019	.24	.0026	.0037	.48	.0427	.00084
%RSD	.05480	.09352	.18610	.12853	.18513	.42520	1.0307	.38897
#1	.98755	2.0284	128.25	2.0459	2.0201	111.17	4.1847	.21506
#2	.98649	2.0320	128.69	2.0507	2.0265	111.95	4.1466	.21644
#3	.98683	2.0290	128.64	2.0502	2.0200	112.03	4.0994	.21657
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33107	368.43	F 2.1689	.31564	12.412	444.41	2.7402	51.723
Stddev	.00105	2.58	.0066	.00017	.014	5.80	.0063	.727
%RSD	.31760	.69894	.30278	.05507	.11451	1.3058	.23022	1.4049
#1	.33042	371.21	2.1740	.31547	12.399	442.79	2.7329	52.520
#2	.33051	367.93	2.1713	.31564	12.409	450.85	2.7442	51.552
#3	.33228	366.14	2.1615	.31581	12.427	439.59	2.7434	51.097
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0763	.23732	6.6743	.54404	18.867	19.735	.46597	.29575
Stddev	.0008	.00083	.0962	.00119	.326	.152	.00037	.00683
%RSD	.07676	.34776	1.4418	.21785	1.7268	.76850	.08001	2.3108
#1	1.0759	.23745	6.7571	.54271	18.757	19.865	.46602	.29031
#2	1.0772	.23808	6.6971	.54499	19.234	19.771	.46557	.30342
#3	1.0757	.23644	6.5687	.54442	18.611	19.569	.46631	.29353
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.700	F 19.661	3.5229	7.7083	.28866	F 132.9	1.3222	2.8974
Stddev	.027	.262	.0016	.0868	.00170	.2	.0141	.0708
%RSD	.16135	1.3315	.04435	1.1266	.58819	.1434	1.0649	2.4441
#1	16.672	19.941	3.5211	7.7936	.29021	132.8	1.3384	2.9603
#2	16.703	19.622	3.5237	7.7114	.28892	132.9	1.3150	2.8207
#3	16.726	19.421	3.5239	7.6200	.28685	133.1	1.3131	2.9111

Sample Name: J6558-08 Acquired: 1/8/2019 14:04:12 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.062
 Stddev 1.569
 %RSD 15.595

#1 10.386
 #2 8.3563
 #3 11.444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.5	42884.	4022.9	77.127	2954.4
Stddev	4.1	61.	43.6	1.092	3.4
%RSD	.12667	.14234	1.0842	1.4160	.11415

#1	3195.3	42946.	3980.2	77.376	2954.9
#2	3202.2	42824.	4021.2	75.932	2957.5
#3	3195.1	42884.	4067.4	78.073	2950.8

Sample Name: J6558-06A Acquired: 1/8/2019 14:08:00 Type: Unk
Method: P4-ICP2(v2706) 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	.98144	2.0110	127.52	2.0417	2.0145	111.17	4.1270	.21438
Stddev	.00573	.0058	.22	.0118	.0090	1.50	.0077	.00153
%RSD	.58352	.28857	.17122	.57816	.44593	1.3525	.18679	.71168
#1	.97693	2.0164	127.64	2.0416	2.0119	109.89	4.1285	.21277
#2	.98789	2.0117	127.65	2.0536	2.0245	110.79	4.1338	.21456
#3	.97952	2.0049	127.27	2.0300	2.0071	112.83	4.1186	.21581
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32803	366.74	F 2.1685	.31291	12.360	446.68	2.7312	51.471
Stddev	.00169	.44	.0247	.00131	.063	11.89	.0275	.091
%RSD	.51591	.11947	1.1390	.41966	.50827	2.6608	1.0062	.17654
#1	.32614	366.23	2.1454	.31256	12.344	460.38	2.7044	51.545
#2	.32941	367.02	2.1657	.31436	12.429	440.63	2.7299	51.497
#3	.32854	366.96	2.1946	.31180	12.307	439.04	2.7593	51.369
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0696	.23693	6.6738	.54294	18.979	19.713	.46414	.30156
Stddev	.0015	.00096	.0111	.00602	.627	.035	.00325	.00908
%RSD	.14273	.40729	.16578	1.1087	3.3037	.17778	.70027	3.0117
#1	1.0680	.23746	6.6865	.53649	19.701	19.724	.46432	.31168
#2	1.0710	.23582	6.6686	.54393	18.659	19.742	.46730	.29888
#3	1.0697	.23752	6.6662	.54841	18.576	19.674	.46081	.29412
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.562	F 19.641	3.4984	7.6732	.28736	F 131.9	1.3130	2.9054
Stddev	.034	.077	.0100	.0117	.00180	.3	.0134	.1512
%RSD	.20776	.39440	.28528	.15215	.62608	.2062	1.0206	5.2046
#1	16.547	19.634	3.5014	7.6859	.28922	132.0	1.2976	2.7621
#2	16.602	19.722	3.5065	7.6629	.28722	132.1	1.3211	2.8907
#3	16.538	19.567	3.4872	7.6708	.28563	131.6	1.3205	3.0634

Sample Name: J6558-06A Acquired: 1/8/2019 14:08:00 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.503
Stddev	.519
%RSD	4.9436

#1	11.101
#2	10.178
#3	10.228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.3	42943.	4027.2	76.572	2972.2
Stddev	23.9	437.	19.7	2.208	12.7
%RSD	.74527	1.0184	.48893	2.8834	.42798

#1	3204.0	43390.	4027.3	74.050	2967.6
#2	3185.2	42924.	4007.4	77.508	2962.5
#3	3232.6	42516.	4046.8	78.157	2986.6

Sample Name: K1040-01 Acquired: 1/8/2019 14:11:49 Type: Unk
 Method: P4-ICP2(v2706) 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	.01546	-.00394	.51545	.00798	.00126	64.668	.74812	.00391
Stddev	.00181	.00048	.00202	.00362	.00107	.119	.00546	.00003
%RSD	11.731	12.181	.39192	45.374	84.879	.18328	.73009	.71861

#1	.01417	-.00450	.51473	.00617	.00095	64.535	.74424	.00389
#2	.01468	-.00363	.51773	.01215	.00038	64.705	.75436	.00394
#3	.01753	-.00371	.51388	.00562	.00245	64.764	.74575	.00389

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00366	78.375	.11396	.05930	.18995	131.16	2.7912	29.562
Stddev	.00022	.419	.00084	.00010	.00177	1.83	.0054	.263
%RSD	6.1157	.53525	.73540	.17394	.93330	1.3930	.19396	.89021

#1	-.00386	78.011	.11422	.05925	.18791	133.12	2.7866	29.275
#2	-.00370	78.834	.11302	.05942	.19078	130.88	2.7972	29.792
#3	-.00342	78.280	.11463	.05923	.19115	129.50	2.7898	29.618

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11678	-.00621	21.733	.18949	.69870	8.1720	.00122	.03676
Stddev	.00020	.00032	.082	.00152	.01126	.0571	.00005	.00617
%RSD	.16726	5.0749	.37607	.80306	1.6119	.69865	3.7978	16.776

#1	.11695	-.00598	21.692	.19013	.70062	8.1869	.00127	.04372
#2	.11657	-.00657	21.827	.18775	.70887	8.2202	.00117	.03197
#3	.11682	-.00609	21.679	.19058	.68660	8.1090	.00123	.03459

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2177	2.4377	.01264	1.3930	.13877	4.334	.04299	3.6961
Stddev	.0035	.0575	.00044	.0043	.00208	.002	.00188	.1032
%RSD	.15799	2.3572	3.4637	.30946	1.5007	.0408	4.3755	2.7909

#1	2.2216	2.4975	.01243	1.3894	.13827	4.335	.04090	3.7979
#2	2.2165	2.4327	.01314	1.3919	.14105	4.332	.04352	3.6987
#3	2.2149	2.3829	.01234	1.3978	.13698	4.335	.04455	3.5916

Sample Name: K1040-01 Acquired: 1/8/2019 14:11:49 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.655
 Stddev .049
 %RSD .29295

#1 16.631
 #2 16.711
 #3 16.623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3323.6	43913.	4056.8	76.818	3056.2
Stddev	15.2	74.	17.3	1.038	13.0
%RSD	.45745	.16772	.42604	1.3509	.42587

#1	3311.6	43962.	4070.5	75.665	3043.7
#2	3318.4	43950.	4037.4	77.112	3055.1
#3	3340.7	43829.	4062.6	77.676	3069.7

Sample Name: PB116144BS Acquired: 1/8/2019 14:15:45 Type: Unk
Method: P4-ICP2(v2706) 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	.78900	1.9475	1.0109	1.9781	.80071	2.0263	.21680	.20024
Stddev	.00480	.0016	.0075	.0069	.00347	.0178	.00176	.00064
%RSD	.60897	.08283	.74164	.34735	.43346	.87754	.81000	.31787
#1	.79396	1.9493	1.0187	1.9856	.80232	2.0063	.21777	.20080
#2	.78437	1.9470	1.0103	1.9768	.80309	2.0402	.21477	.20038
#3	.78866	1.9462	1.0038	1.9720	.79673	2.0324	.21786	.19955
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18615	1.1436	.42635	.19176	.31914	2.8914	.21029	2.0537
Stddev	.00031	.0024	.00236	.00035	.00115	.0210	.00077	.0204
%RSD	.16488	.20860	.55430	.18195	.36105	.72628	.36715	.99479
#1	.18648	1.1445	.42749	.19214	.31996	2.8975	.20992	2.0770
#2	.18611	1.1453	.42792	.19146	.31963	2.9086	.21117	2.0447
#3	.18587	1.1409	.42363	.19167	.31782	2.8680	.20977	2.0392
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48047	.07195	3.0189	.29626	.19820	10.467	.40218	.31413
Stddev	.00147	.00044	.0144	.00046	.00099	.075	.00170	.00589
%RSD	.30535	.61451	.47879	.15615	.49881	.71922	.42231	1.8753
#1	.48207	.07204	3.0219	.29644	.19922	10.420	.40402	.32077
#2	.47919	.07234	3.0031	.29661	.19724	10.427	.40183	.30954
#3	.48014	.07147	3.0315	.29574	.19814	10.554	.40068	.31207
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.2287	1.0007	.66087	.21011	.21783	5.361	.21693	F 4.0947
Stddev	.0044	.0159	.00134	.00360	.00156	.004	.00200	.1650
%RSD	.35544	1.5914	.20224	1.7116	.71718	.0716	.92231	4.0290
#1	1.2337	1.0068	.66239	.21237	.21640	5.362	.21805	4.1590
#2	1.2259	.98265	.65988	.20596	.21759	5.356	.21463	4.2178
#3	1.2264	1.0127	.66033	.21199	.21950	5.363	.21813	3.9073

Sample Name: PB116144BS Acquired: 1/8/2019 14:15:45 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .24096
 Stddev .18098
 %RSD 75.108

#1 .03718
 #2 .30272
 #3 .38297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.0	43875.	3784.9	84.147	3624.8
Stddev	27.8	192.	36.0	.889	22.7
%RSD	.83113	.43831	.95081	1.0562	.62750

#1	3315.8	43760.	3762.3	83.125	3600.2
#2	3344.7	43768.	3826.4	84.739	3629.2
#3	3371.4	44097.	3766.0	84.577	3645.0

Sample Name: PB116094BS Acquired: 1/8/2019 14:19:33 Type: Unk
Method: P4-ICP2(v2706) 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	.77610	1.9331	.97172	1.9574	.78455	2.0367	.21354
Stddev	.00077	.0027	.00390	.0103	.00225	.0371	.00100
%RSD	.09931	.13916	.40097	.52520	.28675	1.8196	.46815

#1	.77696	1.9300	.97622	1.9554	.78606	2.0693	.21453
#2	.77547	1.9345	.96968	1.9685	.78562	1.9964	.21356
#3	.77588	1.9347	.96928	1.9482	.78196	2.0443	.21253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19938	.18468	1.1005	.42601	.18994	.31626	2.9049
Stddev	.00242	.00037	.0137	.00370	.00072	.00044	.0342
%RSD	1.2124	.20290	1.2485	.86808	.37812	.13948	1.1761

#1	.20188	.18503	1.0861	.43024	.18914	.31660	2.9315
#2	.19918	.18472	1.1135	.42341	.19054	.31641	2.8664
#3	.19706	.18428	1.1018	.42437	.19014	.31576	2.9167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21016	2.0055	.47649	.07186	2.9543	.29651	.19503
Stddev	.00238	.0771	.00091	.00067	.0216	.00386	.00090
%RSD	1.1328	3.8424	.19100	.93044	.73261	1.3008	.46176

#1	.21291	1.9870	.47714	.07259	2.9644	.30083	.19529
#2	.20880	2.0901	.47687	.07128	2.9690	.29341	.19403
#3	.20877	1.9394	.47545	.07170	2.9294	.29529	.19577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.302	.39817	.29828	F -.00494	.97521	.65346	.20630
Stddev	.060	.00087	.00296	.00148	.00982	.00059	.00157
%RSD	.58334	.21870	.99300	29.943	1.0073	.09067	.76012

#1	10.328	.39908	.29487	-.00611	.96627	.65328	.20784
#2	10.345	.39809	.29977	-.00542	.98572	.65297	.20637
#3	10.233	.39734	.30021	-.00328	.97362	.65412	.20471

Sample Name: PB116094BS Acquired: 1/8/2019 14:19:33 Type: Unk
Method: P4-ICP2(v2706) 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	.21581	5.309	.21430	F 4.0205	F .12055
Stddev	.00142	.008	.00138	.1701	.34205
%RSD	.65745	.1499	.64395	4.2301	283.75
#1	.21640	5.303	.21522	4.2157	.23013
#2	.21684	5.318	.21496	3.9418	.39437
#3	.21419	5.307	.21271	3.9041	-.26287
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.5	43881.	3838.3	83.845	3645.6
Stddev	9.9	385.	26.2	.605	8.7
%RSD	.29282	.87694	.68388	.72151	.23974
#1	3358.2	43443.	3851.6	83.502	3636.2
#2	3375.9	44161.	3808.0	84.543	3653.4
#3	3374.5	44041.	3855.2	83.489	3647.2

Sample Name: PB116094TB Acquired: 1/8/2019 14:23:19 Type: Unk
Method: P4-ICP2(v2706) 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	-.00185	-.00129	F .00603	-.00095	.00211	.01606	.00318	-.00008
Stddev	.00167	.00115	.00131	.00163	.00068	.00227	.00075	.00004
%RSD	90.200	88.656	21.803	171.20	32.006	14.129	23.609	47.385
#1	-.00208	-.00255	.00754	-.00014	.00281	.01483	.00270	-.00004
#2	-.00008	-.00030	.00527	-.00283	.00207	.01867	.00280	-.00008
#3	-.00339	-.00103	.00526	.00011	.00146	.01467	.00405	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.01162	.00078	-.00024	-.00063	.01717	.00012	-.01054
Stddev	.00004	.00324	.00032	.00006	.00036	.00449	.00008	.03881
%RSD	61.760	27.910	40.930	25.882	57.981	26.150	63.536	368.29
#1	-.00009	.00918	.00113	-.00030	-.00101	.02132	.00005	-.04779
#2	-.00002	.01531	.00050	-.00017	-.00028	.01241	.00011	.02967
#3	-.00007	.01039	.00072	-.00024	-.00059	.01777	.00020	-.01350
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	.00180	F 314.36	-.00068	.00210	.07552	.00008	-.00814
Stddev	.00018	.00017	5.64	.00020	.00011	.00390	.00013	.00369
%RSD	7.5173	9.5454	1.7938	29.059	5.2200	5.1602	160.70	45.370
#1	.00214	.00199	309.87	-.00051	.00209	.07120	.00000	-.00794
#2	.00247	.00171	312.51	-.00064	.00200	.07877	.00024	-.01192
#3	.00240	.00169	320.69	-.00090	.00222	.07659	.00001	-.00455
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.01469	-.00168	.00525	-.00039	.0011	-.00003	F 4.6733
Stddev	.00431	.00045	.00032	.00192	.00112	.0005	.00010	.0826
%RSD	1387.2	3.0549	18.850	36.539	287.96	47.78	295.38	1.7671
#1	.00372	.01425	-.00191	.00310	.00041	.0005	.00008	4.6020
#2	.00175	.01515	-.00132	.00677	-.00167	.0013	-.00007	4.7638
#3	-.00453	.01468	-.00182	.00589	.00010	.0015	-.00011	4.6541

Sample Name: PB116094TB Acquired: 1/8/2019 14:23:19 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.2586
 Stddev .1714
 %RSD 13.620

#1 1.2185
 #2 1.4466
 #3 1.1108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.4	41204.	3761.7	79.180	3266.0
Stddev	35.7	140.	89.0	2.346	42.2
%RSD	1.1184	.33986	2.3652	2.9629	1.2920

#1	3158.3	41094.	3794.6	79.425	3229.5
#2	3228.4	41156.	3829.5	81.393	3312.2
#3	3181.5	41362.	3660.9	76.720	3256.4

Sample Name: K1042-01 Acquired: 1/8/2019 14:27:35 Type: Unk
Method: P4-ICP2(v2706) 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	-.00096	-.00376	.00314	.00138	.00014	-.01493	1.2281	-.00002
Stddev	.00295	.00030	.00105	.00095	.00027	.01000	.0073	.00001
%RSD	308.09	8.1106	33.257	68.559	198.35	66.956	.59749	32.630
#1	-.00405	-.00349	.00433	.00192	-.00011	-.02269	1.2318	-.00002
#2	-.00065	-.00370	.00277	.00193	.00009	-.01845	1.2197	-.00001
#3	.00183	-.00409	.00234	.00029	.00043	-.00365	1.2329	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	260.41	-.00061	-.00010	-.00261	30.746	.86871	26.616
Stddev	.00012	2.34	.00012	.00025	.00031	.775	.00199	.180
%RSD	10.913	.89884	18.843	250.77	11.979	2.5216	.22939	.67442
#1	-.00099	261.26	-.00074	-.00021	-.00232	30.571	.86653	26.487
#2	-.00123	257.77	-.00058	.00018	-.00294	31.593	.87045	26.541
#3	-.00110	262.21	-.00052	-.00027	-.00258	30.073	.86914	26.821
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	-.00164	252.84	.00082	.12976	33.915	.00151	.69717
Stddev	.00020	.00018	3.24	.00004	.00158	.222	.00018	.00265
%RSD	10.508	10.878	1.2817	5.2603	1.2173	.65476	11.785	.37986
#1	-.00187	-.00147	255.04	.00086	.13055	34.010	.00135	.69970
#2	-.00206	-.00163	249.12	.00078	.13079	33.662	.00170	.69442
#3	-.00166	-.00183	254.36	.00081	.12794	34.074	.00149	.69738
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0332	F 22.554	-.00337	.00857	.28054	.6286	1.5567	5.2783
Stddev	.1328	.362	.00044	.00527	.00060	.0105	.0138	.1188
%RSD	1.8886	1.6037	13.012	61.504	.21239	1.677	.88454	2.2501
#1	7.1862	22.801	-.00289	.00340	.28002	.6407	1.5645	5.3042
#2	6.9651	22.139	-.00375	.00838	.28041	.6220	1.5408	5.1487
#3	6.9481	22.723	-.00348	.01394	.28119	.6230	1.5649	5.3819

Sample Name: K1042-01 Acquired: 1/8/2019 14:27:35 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.7253
Stddev	.3426
%RSD	5.9830

#1	6.1157
#2	5.4748
#3	5.5855

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.0	39585.	3725.2	78.963	3034.1
Stddev	49.7	59.	50.1	1.202	56.0
%RSD	1.6511	.14967	1.3438	1.5219	1.8448

#1	2956.6	39648.	3696.5	78.528	2970.9
#2	3031.9	39531.	3783.0	78.040	3054.1
#3	3050.5	39577.	3696.2	80.322	3077.4

Sample Name: PB116144BL Acquired: 1/8/2019 14:35:52 Type: Unk
Method: P4-ICP2(v2706) 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	.00047	.00018	F .00639	-.00106	-.00031	.00434	.00386	-.00004
Stddev	.00086	.00041	.00111	.00105	.00083	.00589	.00010	.00004
%RSD	181.85	225.79	17.328	98.518	267.37	135.65	2.5455	107.27
#1	.00127	.00065	.00648	-.00009	-.00085	.00229	.00380	.00001
#2	-.00044	-.00013	.00745	-.00093	-.00073	-.00024	.00381	-.00006
#3	.00060	.00003	.00524	-.00218	.00064	.01099	.00398	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00523	.00011	-.00003	-.00035	.00354	.00001	-.00448
Stddev	.00005	.01101	.00029	.00010	.00023	.00240	.00003	.03121
%RSD	371.14	210.33	260.78	303.32	66.676	67.899	482.01	696.56
#1	-.00004	.00192	.00014	-.00010	-.00009	.00105	.00003	-.04045
#2	.00004	-.00374	-.00019	.00008	-.00053	.00371	-.00003	.01159
#3	.00004	.01752	.00038	-.00008	-.00044	.00585	.00001	.01542
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00042	-.11254	-.00056	-.00002	-.00664	.00001	-.00380
Stddev	.00016	.00061	.01839	.00015	.00002	.00469	.00014	.00432
%RSD	33.741	146.32	16.341	27.131	141.93	70.626	1097.0	113.69
#1	.00048	.00110	-.09660	-.00061	-.00003	-.01202	.00017	-.00049
#2	.00030	-.00009	-.10836	-.00069	.00001	-.00342	-.00010	-.00222
#3	.00062	.00024	-.13266	-.00039	-.00003	-.00448	-.00004	-.00869
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	.00551	-.00265	.00519	-.00071	.0012	-.00015	F 3.7750
Stddev	.00253	.00282	.00070	.00166	.00078	.0009	.00005	.0378
%RSD	140.45	51.136	26.567	31.932	110.98	72.84	32.215	1.0023
#1	-.00123	.00876	-.00269	.00522	-.00128	.0002	-.00009	3.7314
#2	-.00456	.00385	-.00334	.00682	.00019	.0015	-.00016	3.7988
#3	.00040	.00391	-.00193	.00351	-.00103	.0018	-.00018	3.7949

Sample Name: PB116144BL Acquired: 1/8/2019 14:35:52 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.0556
 Stddev .1309
 %RSD 12.400

#1 1.1576
 #2 .90799
 #3 1.1011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.7	44485.	3873.7	85.756	3722.0
Stddev	11.8	248.	62.2	1.004	9.7
%RSD	.34806	.55730	1.6066	1.1710	.25927

#1	3376.2	44565.	3804.8	84.598	3713.4
#2	3381.9	44207.	3890.5	86.289	3720.3
#3	3398.9	44683.	3925.8	86.382	3732.4

Sample Name: PB116094BL Acquired: 1/8/2019 14:40:02 Type: Unk
Method: P4-ICP2(v2706) 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	-.00071	.00037	F .00564	-.00196	-.00144	.00411	.00364	.00000
Stddev	.00138	.00026	.00053	.00098	.00201	.01092	.00051	.00002
%RSD	194.85	70.333	9.4476	50.191	139.52	265.80	13.902	1355.0
#1	-.00022	.00030	.00619	-.00279	-.00077	.01541	.00356	.00000
#2	-.00227	.00067	.00512	-.00087	-.00371	.00332	.00318	.00002
#3	.00036	.00016	.00560	-.00222	.00015	-.00640	.00418	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00676	.00032	-.00005	-.00044	-.00058	.00005	.01185
Stddev	.00003	.01083	.00026	.00004	.00008	.00797	.00003	.01576
%RSD	46.616	160.10	80.975	73.673	17.223	1362.5	69.469	132.99
#1	.00005	-.00094	.00057	-.00009	-.00048	-.00830	.00008	.02895
#2	.00005	.01914	.00032	-.00002	-.00049	.00761	.00005	.00868
#3	.00010	.00209	.00006	-.00004	-.00035	-.00107	.00001	-.00209
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00021	-.16750	-.00006	-.00010	-.04267	-.00034	-.00050
Stddev	.00014	.00008	.00589	.00033	.00003	.00655	.00014	.00595
%RSD	27.203	38.630	3.5168	586.93	33.680	15.346	42.291	1186.2
#1	.00041	.00012	-.16185	-.00044	-.00013	-.04747	-.00045	.00637
#2	.00069	.00023	-.16706	.00013	-.00011	-.04532	-.00018	-.00398
#3	.00049	.00029	-.17360	.00014	-.00006	-.03521	-.00039	-.00389
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00342	.00573	-.00262	.00691	.00027	.0014	-.00009	F 3.7613
Stddev	.00170	.00120	.00014	.00224	.00056	.0007	.00006	.0531
%RSD	49.770	20.939	5.3157	32.384	207.17	50.54	62.964	1.4120
#1	-.00520	.00712	-.00278	.00645	.00070	.0009	-.00010	3.7891
#2	-.00180	.00514	-.00251	.00934	-.00036	.0022	-.00003	3.7947
#3	-.00327	.00495	-.00256	.00493	.00047	.0011	-.00014	3.7000

Sample Name: PB116094BL Acquired: 1/8/2019 14:40:02 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .88148
Stddev .40417
%RSD 45.852

#1 1.3480
#2 .63832
#3 .65807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.3	44530.	3884.1	84.145	3734.3
Stddev	12.3	114.	22.3	.641	18.3
%RSD	.36320	.25619	.57298	.76121	.48934

#1	3385.9	44425.	3865.9	84.482	3713.8
#2	3401.7	44515.	3908.9	83.407	3740.4
#3	3410.3	44651.	3877.5	84.548	3748.8

Sample Name: K1043-02 Acquired: 1/8/2019 14:46:45 Type: Unk
Method: P4-ICP2(v2706) 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	-.00062	-.00065	.01933	-.00050	-.00178	.08388	.06027	.00000
Stddev	.00134	.00037	.00096	.00232	.00026	.00601	.00023	.00007
%RSD	214.80	56.476	4.9465	467.31	14.453	7.1662	.38184	2146.3

#1	-.00040	-.00023	.02006	.00099	-.00154	.08078	.06051	.00008
#2	.00059	-.00087	.01967	.00069	-.00175	.09081	.06026	-.00005
#3	-.00206	-.00085	.01825	-.00317	-.00206	.08006	.06005	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	26.739	-.00000	.00049	.00260	.59603	.24878	5.2530
Stddev	.00006	.094	.00018	.00008	.00012	.00405	.00066	.0570
%RSD	16.649	.35300	4509.1	16.201	4.6312	.68010	.26353	1.0853

#1	.00043	26.847	.00008	.00043	.00248	.59645	.24952	5.3084
#2	.00043	26.693	.00012	.00058	.00272	.59178	.24856	5.1945
#3	.00031	26.676	-.00021	.00046	.00260	.59985	.24826	5.2561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00041	77.153	.00030	.02260	3.3142	-.00011	.08896
Stddev	.00040	.00028	.404	.00004	.00016	.0036	.00006	.00267
%RSD	195.42	68.669	.52366	13.307	.70784	.10704	51.747	3.0032

#1	-.00049	.00049	76.988	.00034	.02278	3.3154	-.00009	.08601
#2	-.00038	.00010	77.613	.00028	.02254	3.3169	-.00017	.09121
#3	.00025	.00064	76.858	.00027	.02248	3.3102	-.00007	.08965

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18522	2.5877	-.00207	.00708	.02028	.0234	.15322	4.2059
Stddev	.00072	.0254	.00081	.00169	.00065	.0008	.00025	.1436
%RSD	.38732	.98319	39.073	23.799	3.2004	3.209	.16144	3.4151

#1	.18440	2.5924	-.00146	.00582	.01955	.0239	.15351	4.3693
#2	.18575	2.6104	-.00177	.00643	.02046	.0237	.15308	4.0996
#3	.18550	2.5602	-.00299	.00900	.02081	.0225	.15307	4.1488

Sample Name: K1043-02 Acquired: 1/8/2019 14:46:45 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .66691
Stddev .38315
%RSD 57.451

#1 .22813
#2 .93534
#3 .83725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.2	42575.	3845.9	82.560	3443.4
Stddev	8.4	228.	43.0	.869	8.5
%RSD	.25604	.53579	1.1189	1.0529	.24567

#1	3255.1	42314.	3821.6	81.674	3433.8
#2	3266.1	42675.	3820.5	82.594	3446.5
#3	3271.5	42736.	3895.6	83.411	3449.8

Sample Name: CCV03 Acquired: 1/8/2019 14:50:51 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9558	4.8006	4.7944	4.9180	4.9754	10.285	9.9594	.24727
Stddev	.0185	.0068	.0069	.0179	.0080	.296	.0544	.00676
%RSD	.37343	.14120	.14383	.36462	.16121	2.8789	.54624	2.7318
#1	4.9694	4.8057	4.7981	4.9329	4.9802	10.082	9.9483	.24366
#2	4.9633	4.8031	4.7987	4.9230	4.9799	10.147	10.019	.24310
#3	4.9347	4.7929	4.7865	4.8981	4.9661	10.624	9.9114	.25507
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3523	25.955	1.0322	2.3636	1.2368	4.7972	2.4896	24.012
Stddev	.0019	.249	.0300	.0047	.0022	.1210	.0695	.252
%RSD	.08253	.96111	2.9024	.19932	.18223	2.5228	2.7924	1.0489
#1	2.3531	25.770	1.0125	2.3648	1.2372	4.7752	2.4483	23.800
#2	2.3537	26.239	1.0174	2.3676	1.2388	4.9277	2.4507	24.290
#3	2.3501	25.857	1.0667	2.3584	1.2344	4.6886	2.5699	23.946
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3625	1.2016	24.296	2.4269	2.3978	24.563	4.8653	4.9856
Stddev	.0034	.0309	.163	.0701	.0612	.117	.0104	.0331
%RSD	.14394	2.5756	.67131	2.8903	2.5532	.47457	.21397	.66475
#1	2.3597	1.1881	24.230	2.3864	2.4264	24.506	4.8712	4.9569
#2	2.3663	1.1797	24.481	2.3864	2.4395	24.697	4.8713	5.0219
#3	2.3614	1.2370	24.176	2.5079	2.3275	24.485	4.8532	4.9779
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7368	4.9586	4.7033	4.8269	5.0938	4.789	5.2616	4.6900
Stddev	.0087	.0300	.0040	.0257	.0266	.013	.0249	.2241
%RSD	.18287	.60404	.08513	.53332	.52167	.2697	.47241	4.7794
#1	4.7468	4.9363	4.7065	4.8045	5.0859	4.790	5.2566	4.5270
#2	4.7317	4.9927	4.7046	4.8550	5.1235	4.801	5.2886	4.5975
#3	4.7319	4.9468	4.6988	4.8212	5.0721	4.776	5.2396	4.9456

Sample Name: CCV03 Acquired: 1/8/2019 14:50:51 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6657
Stddev .3907
%RSD 14.655

#1 2.6238
#2 2.2976
#3 3.0756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.8	42015.	3867.0	79.930	3304.7
Stddev	12.9	912.	36.8	2.162	8.4
%RSD	.39846	2.1709	.95057	2.7045	.25287

#1	3235.3	42539.	3865.9	78.770	3296.4
#2	3247.0	42545.	3830.8	78.595	3304.7
#3	3261.1	40962.	3904.3	82.424	3313.1

Sample Name: CCB03 Acquired: 1/8/2019 14:54:29 Type: Unk
Method: P4-ICP2(v2706) 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	-.00061	.00045	F .00504	-.00108	-.00202	.00730	.00312	-.00004
Stddev	.00170	.00031	.00095	.00058	.00101	.00210	.00031	.00005
%RSD	279.28	68.662	18.918	53.442	50.116	28.721	9.7915	113.84
#1	.00066	.00013	.00612	-.00058	-.00151	.00958	.00301	-.00010
#2	-.00253	.00049	.00467	-.00171	-.00137	.00688	.00347	-.00000
#3	.00005	.00075	.00432	-.00095	-.00319	.00545	.00289	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01277	.00013	-.00005	-.00043	.00346	-.00001	-.01364
Stddev	.00002	.01330	.00010	.00003	.00015	.00348	.00004	.02840
%RSD	28.469	104.10	78.498	68.960	33.566	100.75	361.77	208.20
#1	.00010	.02026	.00011	-.00008	-.00042	.00610	.00003	-.04125
#2	.00010	.02064	.00004	-.00005	-.00030	-.00049	-.00005	.01550
#3	.00006	-.00258	.00025	-.00001	-.00058	.00476	-.00001	-.01518
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.00028	-.17892	-.00028	-.00019	-.03092	.00005	-.00068
Stddev	.00025	.00036	.00712	.00017	.00003	.04558	.00026	.00582
%RSD	32.341	127.50	3.9780	60.056	16.859	147.39	479.85	859.91
#1	.00048	-.00003	-.17438	-.00020	-.00016	-.02767	.00002	.00278
#2	.00092	.00068	-.17527	-.00048	-.00018	-.07804	.00033	-.00740
#3	.00091	.00020	-.18713	-.00017	-.00022	.01294	-.00018	.00259
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00384	.00651	-.00174	.00727	.00010	.0011	.00002	F 3.4951
Stddev	.00184	.00062	.00049	.00089	.00134	.0002	.00004	.1434
%RSD	47.941	9.5913	28.394	12.248	1290.6	21.08	244.52	4.1032
#1	-.00433	.00714	-.00151	.00679	.00153	.0009	.00005	3.6594
#2	-.00538	.00651	-.00140	.00672	-.00112	.0010	-.00003	3.4307
#3	-.00180	.00589	-.00230	.00830	-.00009	.0014	.00003	3.3952

Sample Name: CCB03 Acquired: 1/8/2019 14:54:29 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1234
Stddev	.2533
%RSD	22.550

#1	.85423
#2	1.1587
#3	1.3572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.4	44917.	3861.1	84.226	3708.9
Stddev	8.5	329.	66.8	1.053	6.1
%RSD	.25263	.73292	1.7293	1.2504	.16456

#1	3379.1	44553.	3875.3	84.968	3711.0
#2	3381.4	45003.	3788.4	83.020	3713.6
#3	3365.6	45195.	3919.7	84.689	3702.0

Sample Name: K1018-01 Acquired: 1/8/2019 14:58:37 Type: Unk
Method: P4-ICP2(v2706) 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	.03468	-.00120	.07116	.00200	.00360	4.7714	.05397	.00008
Stddev	.00185	.00092	.00060	.00167	.00032	.0498	.00399	.00001
%RSD	5.3285	76.614	.84503	83.748	8.8663	1.0426	7.3849	15.744

#1	.03308	-.00048	.07139	.00357	.00366	4.7558	.05248	.00008
#2	.03425	-.00224	.07161	.00217	.00326	4.8270	.05095	.00009
#3	.03670	-.00089	.07048	.00024	.00389	4.7312	.05849	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	27.536	.01424	.00269	.04966	7.1546	.08408	3.9125
Stddev	.00004	1.339	.00016	.00017	.00016	.3513	.00024	.1625
%RSD	39.119	4.8642	1.1398	6.3909	.31560	4.9097	.29037	4.1530

#1	.00007	26.744	.01411	.00285	.04978	6.9286	.08397	3.8179
#2	.00015	26.782	.01443	.00269	.04973	6.9759	.08436	3.8194
#3	.00010	29.083	.01419	.00251	.04949	7.5593	.08392	4.1001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01078	.00011	23.119	.01390	.32527	3.9151	.00481	.26556
Stddev	.00041	.00030	1.177	.00020	.01453	.1350	.00019	.02098
%RSD	3.7687	265.40	5.0909	1.4048	4.4667	3.4486	4.0314	7.9003

#1	.01122	.00038	22.578	.01371	.31540	3.8223	.00503	.25237
#2	.01043	-.00021	22.309	.01410	.31844	3.8530	.00466	.25456
#3	.01067	.00016	24.469	.01391	.34195	4.0700	.00475	.28975

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5434	9.8148	.01946	.18411	.00926	1.621	.16316	4.1182
Stddev	.0017	.4770	.00034	.00910	.00241	.005	.00773	.1122
%RSD	.11087	4.8604	1.7612	4.9445	25.987	.2814	4.7381	2.7243

#1	1.5415	9.5937	.01910	.18066	.00807	1.622	.15890	4.1416
#2	1.5449	9.4884	.01979	.17724	.00768	1.615	.15850	4.2168
#3	1.5437	10.362	.01949	.19443	.01203	1.624	.17208	3.9961

Sample Name: K1018-01 Acquired: 1/8/2019 14:58:37 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7331
Stddev .0862
%RSD 4.9712

#1 1.8250
#2 1.6542
#3 1.7202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.7	43379.	3813.0	80.940	3494.3
Stddev	6.2	243.	164.1	3.466	8.8
%RSD	.18950	.56001	4.3032	4.2825	.25298

#1	3282.3	43269.	3883.8	83.290	3485.3
#2	3286.2	43210.	3929.7	82.572	3494.7
#3	3294.5	43657.	3625.4	76.959	3502.9

Sample Name: K1018-02 Acquired: 1/8/2019 15:02:37 Type: Unk
Method: P4-ICP2(v2706) 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	.12157	-.00503	.78398	.00721	.01052	66.227	.59430	.00332
Stddev	.00402	.00061	.01839	.00109	.00078	1.046	.00717	.00014
%RSD	3.3077	12.104	2.3460	15.132	7.4530	1.5799	1.2072	4.2101
#1	.12153	-.00503	.79148	.00623	.00970	67.433	.58609	.00343
#2	.11757	-.00565	.76302	.00839	.01059	65.683	.59934	.00336
#3	.12562	-.00443	.79744	.00703	.01126	65.565	.59748	.00316
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	89.539	.10149	.03425	.26848	94.163	1.6424	24.426
Stddev	.00037	1.253	.00198	.00068	.00488	.577	.0400	.182
%RSD	745.97	1.3998	1.9489	1.9864	1.8160	.61227	2.4372	.74345
#1	.00029	88.118	.10376	.03473	.27030	93.601	1.6885	24.217
#2	-.00037	90.013	.10061	.03347	.26296	94.753	1.6222	24.544
#3	.00023	90.487	.10011	.03455	.27218	94.134	1.6165	24.518
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17991	-.00448	51.914	.14253	.92754	15.718	.04105	.10588
Stddev	.00348	.00056	.696	.00323	.00240	.218	.00097	.00966
%RSD	1.9351	12.506	1.3409	2.2657	.25850	1.3860	2.3539	9.1266
#1	.18100	-.00513	51.114	.14626	.93016	15.470	.04145	.09641
#2	.17602	-.00410	52.380	.14063	.92546	15.880	.03995	.11573
#3	.18272	-.00423	52.249	.14071	.92698	15.804	.04176	.10550
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6544	F 51.467	.03970	1.8910	.07073	2.309	.73009	3.8678
Stddev	.1966	.476	.00128	.0229	.00120	.048	.00971	.2140
%RSD	2.0368	.92531	3.2325	1.2132	1.6901	2.079	1.3294	5.5339
#1	9.7416	50.941	.03984	1.8679	.07105	2.331	.71901	4.1149
#2	9.4292	51.590	.03835	1.9138	.07174	2.254	.73416	3.7386
#3	9.7923	51.870	.04091	1.8913	.06941	2.341	.73710	3.7500

Sample Name: K1018-02 Acquired: 1/8/2019 15:02:37 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.641
Stddev	.206
%RSD	1.5068

#1	13.574
#2	13.477
#3	13.871

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.4	43793.	4034.7	79.663	3261.7
Stddev	60.4	988.	27.1	.196	70.4
%RSD	1.7705	2.2552	.67082	.24602	2.1571

#1	3381.0	42653.	4063.5	79.448	3227.5
#2	3480.9	44358.	4030.8	79.709	3342.6
#3	3372.2	44368.	4009.8	79.832	3215.0

Sample Name: K1042-01DUP Acquired: 1/8/2019 15:06:28 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	-.00371	-.00242	.00417	-.00073	-.01566	1.2202	-.00011
Stddev	.00173	.00110	.00146	.00251	.00076	.02118	.0042	.00006
%RSD	148.27	29.617	60.533	60.294	104.64	135.25	.34677	50.318
#1	-.00162	-.00491	-.00128	.00165	.00012	-.03032	1.2154	-.00006
#2	.00074	-.00344	-.00190	.00668	-.00136	.00862	1.2219	-.00011
#3	-.00262	-.00277	-.00407	.00416	-.00095	-.02527	1.2234	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	256.86	-.00045	-.00022	-.00307	30.945	.88474	26.424
Stddev	.00006	1.20	.00031	.00009	.00038	.580	.03771	.168
%RSD	5.4063	.46610	67.306	38.952	12.420	1.8727	4.2622	.63557
#1	-.00118	255.49	-.00015	-.00029	-.00333	30.575	.85792	26.310
#2	-.00113	257.45	-.00076	-.00012	-.00263	30.647	.92786	26.346
#3	-.00125	257.65	-.00045	-.00025	-.00324	31.613	.86844	26.617
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00256	255.02	.00127	.13008	33.727	.00186	.69891
Stddev	.00040	.00022	1.92	.00043	.00178	.146	.00032	.00345
%RSD	23.630	8.6936	.75114	33.992	1.3680	.43222	17.342	.49337
#1	-.00161	-.00280	252.82	.00163	.12851	33.560	.00218	.69958
#2	-.00211	-.00249	255.98	.00138	.12972	33.828	.00187	.70197
#3	-.00133	-.00238	256.27	.00079	.13201	33.793	.00153	.69517
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9371	F 22.348	-.00285	.00483	.27701	.6170	1.5405	5.3606
Stddev	.0201	.203	.00048	.00159	.00062	.0027	.0023	.4694
%RSD	.29020	.91042	16.894	32.899	.22303	.4412	.14781	8.7574
#1	6.9564	22.141	-.00339	.00530	.27643	.6201	1.5382	5.0219
#2	6.9386	22.548	-.00270	.00306	.27766	.6158	1.5427	5.8965
#3	6.9162	22.356	-.00247	.00613	.27694	.6151	1.5405	5.1635

Sample Name: K1042-01DUP Acquired: 1/8/2019 15:06:28 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6929
Stddev	.3089
%RSD	5.4262

#1	5.3377
#2	5.8416
#3	5.8993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3042.6	39108.	3766.6	78.615	3072.5
Stddev	10.6	1500.	20.7	1.202	10.7
%RSD	.34818	3.8362	.54842	1.5295	.34715

#1	3033.1	40135.	3785.6	79.609	3061.7
#2	3054.0	37386.	3744.6	78.958	3083.1
#3	3040.5	39803.	3769.7	77.279	3072.7

Sample Name: K1042-01LX5 Acquired: 1/8/2019 15:10:39 Type: Unk
Method: P4-ICP2(v2706) 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	.00076	-.00044	-.00136	.00177	-.00300	-.00077	.26911	-.00006
Stddev	.00204	.00128	.00069	.00136	.00099	.00843	.00360	.00005
%RSD	269.35	287.75	50.614	76.574	33.027	1092.0	1.3364	89.607

#1	.00309	-.00025	-.00057	.00185	-.00195	.00883	.27015	-.00006
#2	-.00072	-.00180	-.00167	.00038	-.00313	-.00423	.26511	-.00010
#3	-.00009	.00073	-.00185	.00308	-.00393	-.00692	.27207	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	55.796	-.00017	-.00012	-.00073	6.5903	.18942	5.8691
Stddev	.00007	.613	.00012	.00011	.00037	.2244	.00056	.0262
%RSD	23.086	1.0991	70.606	96.192	50.614	3.4054	.29541	.44550

#1	-.00028	56.310	-.00017	.00001	-.00057	6.5460	.18994	5.8992
#2	-.00027	55.117	-.00029	-.00016	-.00047	6.3913	.18950	5.8521
#3	-.00040	55.959	-.00005	-.00021	-.00116	6.8336	.18883	5.8559

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00030	55.064	.00011	.02792	7.2186	.00017	.14887
Stddev	.00004	.00027	.675	.00021	.00099	.0910	.00024	.00356
%RSD	26.772	91.915	1.2260	185.48	3.5465	1.2607	144.73	2.3898

#1	-.00016	-.00046	55.453	-.00009	.02811	7.2967	-.00004	.14487
#2	-.00009	.00002	54.285	.00010	.02685	7.1187	.00043	.15002
#3	-.00016	-.00044	55.454	.00032	.02880	7.2405	.00011	.15170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3854	4.9950	-.00264	.00505	.05953	.1250	.33487	3.9613
Stddev	.0096	.0621	.00044	.00154	.00213	.0011	.00378	.1317
%RSD	.69491	1.2435	16.775	30.433	3.5750	.8902	1.1292	3.3241

#1	1.3960	5.0353	-.00306	.00668	.05964	.1261	.33765	4.0998
#2	1.3832	4.9235	-.00218	.00485	.05734	.1238	.33057	3.9464
#3	1.3771	5.0262	-.00268	.00363	.06159	.1252	.33640	3.8377

Sample Name: K1042-01LX5 Acquired: 1/8/2019 15:10:39 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9511
Stddev .2329
%RSD 11.934

#1 1.6840
#2 2.0583
#3 2.1111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.9	43047.	3887.0	83.657	3453.1
Stddev	14.2	99.	38.8	2.610	15.4
%RSD	.43391	.22891	.99718	3.1201	.44602

#1	3261.4	42965.	3862.3	83.623	3441.2
#2	3268.5	43019.	3931.6	86.284	3447.7
#3	3288.8	43156.	3867.0	81.064	3470.5

Sample Name: K1042-01MS Acquired: 1/8/2019 15:14:44 Type: Unk
Method: P4-ICP2(v2706) 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	.81270	1.8408	.94735	1.9793	.82941	2.1425	1.4431	.20792
Stddev	.00575	.0024	.00053	.0057	.00209	.0132	.0368	.00058
%RSD	.70721	.12945	.05576	.28604	.25212	.61671	2.5486	.27662
#1	.81881	1.8430	.94674	1.9821	.83088	2.1488	1.4147	.20854
#2	.80740	1.8383	.94768	1.9728	.82702	2.1514	1.4846	.20739
#3	.81190	1.8412	.94762	1.9831	.83034	2.1273	1.4299	.20785
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18864	260.95	.41967	.19751	.29661	33.116	1.0521	28.597
Stddev	.00047	7.29	.00180	.00013	.00095	.623	.0001	.718
%RSD	.25132	2.7921	.42986	.06693	.32046	1.8826	.01288	2.5112
#1	.18913	254.42	.42106	.19750	.29637	32.697	1.0519	28.004
#2	.18818	268.81	.42032	.19739	.29580	33.833	1.0521	29.396
#3	.18861	259.61	.41763	.19765	.29765	32.819	1.0522	28.392
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48236	.07006	259.66	.30887	.31182	44.437	.42019	1.0174
Stddev	.00054	.00028	5.55	.00121	.00396	1.076	.00044	.0237
%RSD	.11129	.39567	2.1376	.39097	1.2700	2.4215	.10452	2.3275
#1	.48208	.07037	254.05	.30993	.30975	43.512	.42023	.99306
#2	.48203	.06999	265.15	.30756	.31639	45.618	.41974	1.0404
#3	.48298	.06982	259.77	.30912	.30933	44.182	.42061	1.0188
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8621	F 23.285	.68662	.21382	.50403	6.653	1.7770	5.1138
Stddev	.0081	.420	.00167	.00666	.01327	.011	.0474	.0921
%RSD	.11843	1.8030	.24272	3.1158	2.6336	.1630	2.6673	1.8008
#1	6.8657	23.029	.68803	.20687	.49362	6.664	1.7383	5.2041
#2	6.8678	23.769	.68478	.22015	.51898	6.642	1.8299	5.1173
#3	6.8528	23.056	.68704	.21444	.49948	6.652	1.7629	5.0200

Sample Name: K1042-01MS Acquired: 1/8/2019 15:14:44 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.6477
Stddev	.2395
%RSD	5.1529

#1	4.4164
#2	4.6321
#3	4.8946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.3	39697.	3653.5	78.599	3024.0
Stddev	6.6	68.	65.0	1.003	8.9
%RSD	.21876	.17117	1.7803	1.2767	.29372

#1	3005.1	39650.	3707.9	78.862	3014.9
#2	3014.0	39775.	3581.4	77.491	3024.3
#3	3017.9	39667.	3671.0	79.446	3032.7

Sample Name: K1042-01MSD Acquired: 1/8/2019 15:19:01 Type: Unk
Method: P4-ICP2(v2706) 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	.80907	1.8307	.93926	1.9693	.82206	2.1616	1.4143	.20628
Stddev	.01083	.0235	.01038	.0207	.01115	.0250	.0117	.00002
%RSD	1.3387	1.2852	1.1055	1.0509	1.3563	1.1561	.82537	.00984
#1	.79758	1.8073	.92847	1.9488	.80920	2.1353	1.4148	.20628
#2	.81909	1.8543	.94919	1.9902	.82891	2.1644	1.4257	.20630
#3	.81054	1.8304	.94012	1.9688	.82808	2.1851	1.4024	.20626
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18706	254.36	.41799	.19595	.29416	33.734	1.0462	28.034
Stddev	.00195	2.27	.00025	.00175	.00359	.768	.0013	.092
%RSD	1.0423	.89259	.06022	.89308	1.2209	2.2770	.12569	.32806
#1	.18514	252.85	.41777	.19407	.29049	33.162	1.0450	27.933
#2	.18904	256.97	.41795	.19753	.29767	33.433	1.0459	28.113
#3	.18700	253.26	.41826	.19625	.29431	34.607	1.0476	28.055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47905	.06953	252.24	.30747	.31706	43.567	.41619	.99899
Stddev	.00636	.00050	2.15	.00147	.00524	.355	.00297	.01167
%RSD	1.3272	.72016	.85124	.47878	1.6512	.81431	.71322	1.1678
#1	.47287	.06895	250.74	.30578	.31195	43.475	.41314	.99086
#2	.48557	.06977	254.70	.30847	.31680	43.959	.41906	1.0124
#3	.47870	.06985	251.28	.30816	.32241	43.268	.41637	.99376
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8074	F 22.752	.68021	.21020	.49715	6.606	1.7341	5.1307
Stddev	.0787	.186	.00770	.00241	.00289	.067	.0149	.0275
%RSD	1.1558	.81626	1.1317	1.1487	.58034	1.008	.85642	.53544
#1	6.7246	22.782	.67361	.21254	.49397	6.536	1.7305	5.1184
#2	6.8811	22.921	.68866	.21035	.49960	6.668	1.7504	5.1115
#3	6.8166	22.553	.67835	.20772	.49788	6.613	1.7214	5.1622

Sample Name: K1042-01MSD Acquired: 1/8/2019 15:19:01 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2269
Stddev	.3047
%RSD	7.2077

#1	4.5174
#2	3.9098
#3	4.2534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.6	39819.	3733.0	77.334	3051.6
Stddev	20.2	62.	36.3	.976	26.0
%RSD	.66397	.15457	.97204	1.2625	.85080

#1	3053.1	39852.	3728.0	78.196	3073.7
#2	3015.6	39748.	3699.6	77.531	3023.0
#3	3047.2	39856.	3771.6	76.274	3058.0

Sample Name: K1042-01A Acquired: 1/8/2019 15:26:59 Type: Unk
Method: P4-ICP2(v2706) 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	.80979	1.8374	.94044	1.9773	.82373	2.1472	1.4148	.20581
Stddev	.00206	.0071	.00365	.0070	.00261	.0127	.0147	.00094
%RSD	.25419	.38805	.38791	.35452	.31632	.59176	1.0365	.45655
#1	.81181	1.8335	.93794	1.9849	.82421	2.1559	1.4317	.20636
#2	.80770	1.8330	.93875	1.9710	.82092	2.1530	1.4079	.20472
#3	.80986	1.8456	.94463	1.9761	.82606	2.1326	1.4049	.20634
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18754	252.84	.41554	.19607	.29443	33.643	1.0422	28.301
Stddev	.00082	1.36	.00047	.00104	.00151	.739	.0019	.060
%RSD	.43881	.53651	.11364	.53238	.51216	2.1958	.17705	.21242
#1	.18726	254.40	.41500	.19567	.29305	34.492	1.0411	28.253
#2	.18690	251.95	.41573	.19528	.29421	33.293	1.0412	28.280
#3	.18847	252.18	.41589	.19725	.29604	33.144	1.0444	28.368
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47966	.06966	252.48	.30667	.31348	43.498	.41662	1.0054
Stddev	.00176	.00026	4.26	.00128	.00950	.299	.00177	.0256
%RSD	.36595	.37450	1.6868	.41690	3.0306	.68743	.42381	2.5443
#1	.47817	.06976	257.40	.30556	.32406	43.835	.41561	1.0238
#2	.47921	.06984	250.06	.30639	.31070	43.393	.41559	.97622
#3	.48159	.06936	249.98	.30807	.30568	43.265	.41866	1.0163
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8327	F 22.598	.68333	.21220	.49878	6.623	1.7244	5.0021
Stddev	.0392	.256	.00267	.00407	.00278	.032	.0153	.1118
%RSD	.57377	1.1343	.39062	1.9190	.55769	.4845	.88932	2.2341
#1	6.8106	22.886	.68172	.21553	.50194	6.605	1.7419	5.0752
#2	6.8096	22.513	.68187	.20766	.49768	6.604	1.7134	5.0577
#3	6.8780	22.395	.68641	.21340	.49672	6.660	1.7178	4.8735

Sample Name: K1042-01A Acquired: 1/8/2019 15:26:59 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4599
Stddev	.3228
%RSD	7.2369

#1	4.7928
#2	4.1484
#3	4.4385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3037.4	39942.	3746.8	78.354	3046.5
Stddev	13.1	139.	41.1	2.270	16.0
%RSD	.43187	.34724	1.0961	2.8974	.52651

#1	3046.7	39918.	3702.5	75.841	3054.8
#2	3043.1	39818.	3754.2	78.965	3056.7
#3	3022.4	40092.	3783.6	80.256	3028.0

Sample Name: PB116235BL Acquired: 1/8/2019 15:30:53 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	.00074	-.00133	-.00140	-.00134	.00701	.00289	-.00006
Stddev	.00070	.00104	.00098	.00123	.00146	.01362	.00042	.00005
%RSD	92.777	139.32	73.396	88.326	108.90	194.29	14.569	85.370
#1	.00005	-.00033	-.00190	-.00279	.00021	.01643	.00336	-.00001
#2	-.00113	.00081	-.00020	-.00043	-.00153	-.00861	.00275	-.00011
#3	-.00118	.00175	-.00189	-.00097	-.00269	.01320	.00255	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00281	.00016	-.00013	-.00029	.00339	.00003	-.00445
Stddev	.00004	.00771	.00031	.00009	.00037	.00764	.00003	.05965
%RSD	53.722	274.60	196.47	66.496	124.90	225.36	99.629	1340.6
#1	.00012	-.00266	.00043	-.00018	-.00071	.01099	.00005	.02771
#2	.00005	-.00054	-.00018	-.00003	-.00016	.00349	.00000	.03222
#3	.00006	.01163	.00022	-.00018	-.00001	-.00430	.00003	-.07327
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	.00020	-.09061	-.00044	-.00026	.00019	-.00024	-.00615
Stddev	.00025	.00026	.01711	.00025	.00006	.00954	.00014	.00412
%RSD	38.442	126.58	18.882	57.029	24.159	4921.8	57.575	67.081
#1	.00037	.00037	-.07267	-.00037	-.00028	.00928	-.00036	-.00771
#2	.00074	-.00009	-.09241	-.00071	-.00031	.00103	-.00009	-.00926
#3	.00085	.00034	-.10674	-.00022	-.00019	-.00973	-.00028	-.00147
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00250	.00693	-.00277	.00661	-.00077	.0004	-.00013	F 3.4332
Stddev	.00207	.00213	.00028	.00203	.00068	.0006	.00002	.0748
%RSD	83.078	30.728	9.9711	30.683	87.572	165.8	11.993	2.1794
#1	-.00022	.00707	-.00300	.00865	-.00008	-.0002	-.00011	3.3482
#2	-.00428	.00898	-.00284	.00659	-.00079	.0002	-.00013	3.4621
#3	-.00298	.00473	-.00246	.00459	-.00144	.0010	-.00014	3.4892

Sample Name: PB116235BL Acquired: 1/8/2019 15:30:53 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .97224
Stddev	.24208
%RSD	24.899

#1	1.2109
#2	.97901
#3	.72684

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.4	44757.	3903.6	83.823	3699.4
Stddev	11.4	180.	19.5	2.150	18.2
%RSD	.33737	.40146	.50074	2.5650	.49162

#1	3356.7	44964.	3885.6	81.402	3681.0
#2	3379.4	44665.	3900.9	85.511	3717.3
#3	3369.2	44641.	3924.4	84.555	3699.9

Sample Name: PB116235BS Acquired: 1/8/2019 15:35:03 Type: Unk
Method: P4-ICP2(v2706) 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	.78512	1.9522	.95458	1.9825	.79557	2.0255	.21355
Stddev	.00729	.0105	.00330	.0089	.00500	.0117	.00073
%RSD	.92910	.53885	.34564	.44657	.62830	.57665	.34157

#1	.78242	1.9427	.95332	1.9763	.79660	2.0231	.21310
#2	.77955	1.9505	.95209	1.9786	.79014	2.0152	.21439
#3	.79338	1.9635	.95832	1.9927	.79997	2.0382	.21315

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19911	.18621	1.0924	.41777	.19227	.31668	2.8896
Stddev	.00047	.00088	.0164	.00109	.00105	.00163	.0353
%RSD	.23537	.47206	1.5025	.26154	.54571	.51425	1.2210

#1	.19955	.18593	1.0793	.41898	.19176	.31627	2.9270
#2	.19862	.18550	1.1108	.41685	.19156	.31529	2.8851
#3	.19916	.18719	1.0871	.41748	.19347	.31847	2.8569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20873	1.9936	.47994	.07153	2.9688	.29456	.19200
Stddev	.00031	.0330	.00327	.00070	.0069	.00063	.00118
%RSD	.14626	1.6545	.68177	.97298	.23209	.21279	.61635

#1	.20902	2.0136	.47845	.07100	2.9750	.29515	.19316
#2	.20841	2.0116	.47768	.07128	2.9700	.29390	.19205
#3	.20874	1.9555	.48369	.07232	2.9614	.29463	.19079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.268	.39924	.30008	F -.00373	.96191	.65269	.20796
Stddev	.049	.00266	.00700	.00143	.00457	.00298	.00114
%RSD	.47634	.66690	2.3328	38.354	.47489	.45709	.54955

#1	10.278	.39747	.30195	-.00499	.96718	.65366	.20899
#2	10.311	.39794	.30596	-.00217	.95955	.64935	.20815
#3	10.215	.40230	.29234	-.00402	.95901	.65508	.20673

Sample Name: PB116235BS Acquired: 1/8/2019 15:35:03 Type: Unk
 Method: P4-ICP2(v2706) 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	.21731	5.347	.21284	F 3.5897	F .07630
Stddev	.00278	.030	.00069	.0268	.11105
%RSD	1.2806	.5569	.32227	.74607	145.55
#1	.21845	5.337	.21234	3.5869	.06584
#2	.21934	5.323	.21362	3.5644	-.02915
#3	.21414	5.380	.21255	3.6177	.19221
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3366.8	44505.	3897.2	85.525	3640.6
Stddev	5.2	101.	16.9	.693	5.0
%RSD	.15307	.22670	.43432	.80973	.13824
#1	3370.1	44409.	3877.9	84.989	3644.5
#2	3369.5	44610.	3904.4	85.280	3642.5
#3	3360.9	44496.	3909.4	86.307	3634.9

Sample Name: CCV04 Acquired: 1/8/2019 15:38:48 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8654	4.7139	4.7139	4.8258	4.8892	9.9507	9.7377	.24072
Stddev	.0063	.0038	.0062	.0107	.0077	.0398	.1079	.00031
%RSD	.13043	.08106	.13243	.22110	.15768	.39976	1.1082	.12737
#1	4.8711	4.7181	4.7148	4.8356	4.8963	9.9252	9.8098	.24100
#2	4.8665	4.7131	4.7072	4.8144	4.8810	9.9965	9.6136	.24075
#3	4.8586	4.7105	4.7196	4.8273	4.8903	9.9303	9.7897	.24039
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3176	25.269	.99081	2.3359	1.2157	4.6070	2.4153	23.386
Stddev	.0045	.132	.00467	.0043	.0007	.0699	.0023	.218
%RSD	.19593	.52129	.47177	.18432	.05829	1.5180	.09558	.93334
#1	2.3191	25.212	.98547	2.3358	1.2159	4.6455	2.4128	23.412
#2	2.3125	25.176	.99419	2.3317	1.2149	4.5263	2.4173	23.155
#3	2.3212	25.420	.99275	2.3403	1.2163	4.6492	2.4158	23.589
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3368	1.1716	23.779	2.3486	2.2990	23.939	4.7853	4.8752
Stddev	.0040	.0034	.269	.0022	.0329	.154	.0045	.0253
%RSD	.17144	.28796	1.1298	.09208	1.4303	.64405	.09362	.51968
#1	2.3374	1.1755	23.966	2.3503	2.3251	24.059	4.7904	4.8743
#2	2.3325	1.1702	23.471	2.3492	2.2620	23.765	4.7838	4.8503
#3	2.3404	1.1692	23.900	2.3462	2.3098	23.992	4.7818	4.9009
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6303	4.7949	4.6188	4.7177	4.9922	4.698	5.1380	F 4.2570
Stddev	.0130	.0393	.0087	.0518	.0412	.004	.0308	.0763
%RSD	.28066	.81849	.18761	1.0985	.82504	.0765	.59849	1.7923
#1	4.6406	4.7965	4.6177	4.7354	5.0228	4.700	5.1671	4.1704
#2	4.6157	4.7549	4.6107	4.6593	4.9454	4.694	5.1058	4.2864
#3	4.6347	4.8333	4.6279	4.7583	5.0084	4.701	5.1410	4.3143

Sample Name: CCV04 Acquired: 1/8/2019 15:38:48 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6707
Stddev	.3827
%RSD	14.330

#1	3.0974
#2	2.5570
#3	2.3577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.2	42887.	3912.1	82.054	3306.6
Stddev	7.3	59.	27.2	1.091	7.0
%RSD	.22396	.13681	.69404	1.3300	.21256

#1	3246.2	42907.	3898.7	81.035	3299.3
#2	3250.1	42821.	3943.4	83.206	3307.1
#3	3260.3	42933.	3894.3	81.922	3313.4

Sample Name: CCB04 Acquired: 1/8/2019 15:42:26 Type: Unk
Method: P4-ICP2(v2706) 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	-.00113	.00112	-.00009	.00007	-.00113	.00664	.00264	-.00004
Stddev	.00169	.00075	.00078	.00154	.00065	.01110	.00043	.00006
%RSD	149.36	67.460	860.84	2270.3	57.744	167.13	16.373	164.89
#1	-.00279	.00081	.00049	-.00148	-.00085	-.00345	.00255	-.00004
#2	.00058	.00057	.00022	.00009	-.00066	.01853	.00311	-.00010
#3	-.00118	.00197	-.00098	.00159	-.00187	.00484	.00226	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.01185	.00009	-.00012	-.00063	.00826	.00002	-.00379
Stddev	.00003	.00585	.00016	.00007	.00017	.00514	.00003	.00976
%RSD	22.834	49.382	187.78	61.083	27.086	62.224	120.32	257.47
#1	.00011	.00509	.00001	-.00004	-.00082	.01383	.00005	-.01326
#2	.00009	.01531	-.00003	-.00014	-.00052	.00370	.00001	.00624
#3	.00014	.01514	.00027	-.00018	-.00054	.00725	.00001	-.00436
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00004	-.19340	-.00040	-.00034	-.01043	.00003	.00762
Stddev	.00009	.00021	.00638	.00012	.00004	.03323	.00026	.00945
%RSD	12.231	491.95	3.2990	29.123	12.539	318.44	805.02	123.92
#1	.00065	-.00016	-.19048	-.00027	-.00030	.02629	.00028	.01790
#2	.00076	.00020	-.18899	-.00044	-.00034	-.01918	-.00024	-.00068
#3	.00083	-.00017	-.20071	-.00048	-.00038	-.03842	.00006	.00565
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00535	.00773	-.00196	.00491	-.00215	.0006	.00001	F 3.3190
Stddev	.00097	.00190	.00039	.00184	.00049	.0008	.00007	.1564
%RSD	18.080	24.601	19.728	37.573	22.696	148.6	498.32	4.7128
#1	-.00645	.00968	-.00219	.00704	-.00163	.0011	.00001	3.4990
#2	-.00496	.00763	-.00218	.00387	-.00222	.0010	-.00005	3.2415
#3	-.00463	.00588	-.00151	.00382	-.00260	-.0004	.00009	3.2164

Sample Name: CCB04 Acquired: 1/8/2019 15:42:26 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1584
Stddev	.3433
%RSD	29.633

#1	.77112
#2	1.2788
#3	1.4252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.2	44830.	3945.2	86.648	3705.2
Stddev	14.0	363.	48.5	1.145	32.3
%RSD	.41616	.80943	1.2298	1.3216	.87099

#1	3377.0	44411.	3905.6	85.366	3713.2
#2	3388.3	45051.	3930.7	87.568	3732.8
#3	3360.3	45027.	3999.3	87.011	3669.7

Sample Name: PB116236BL Acquired: 1/8/2019 15:46:34 Type: Unk
Method: P4-ICP2(v2706) 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	-.00156	.00022	-.00108	-.00074	-.00038	.00441	.00182	-.00005
Stddev	.00112	.00100	.00098	.00059	.00150	.00202	.00098	.00002
%RSD	71.686	461.27	90.894	79.598	396.73	45.794	53.800	48.641
#1	-.00204	.00020	-.00018	-.00013	-.00025	.00586	.00149	-.00005
#2	-.00235	-.00077	-.00212	-.00130	.00105	.00526	.00105	-.00003
#3	-.00028	.00123	-.00094	-.00078	-.00194	.00210	.00293	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.01305	.00011	-.00009	-.00050	.00472	-.00001	.01241
Stddev	.00002	.00213	.00026	.00017	.00026	.00563	.00003	.04748
%RSD	36.965	16.351	231.07	191.94	53.134	119.28	584.80	382.64
#1	.00003	.01059	.00019	-.00026	-.00076	.00598	-.00000	.06628
#2	.00006	.01413	-.00018	-.00011	-.00023	.00961	.00003	-.00573
#3	.00005	.01443	.00032	.00009	-.00049	-.00143	-.00004	-.02332
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00034	-.20877	-.00060	-.00038	-.03898	-.00013	-.00956
Stddev	.00004	.00035	.00643	.00022	.00003	.01738	.00005	.00485
%RSD	6.4389	102.82	3.0784	36.471	8.9032	44.581	36.367	50.767
#1	.00071	.00053	-.20662	-.00044	-.00039	-.02109	-.00009	-.00731
#2	.00063	-.00006	-.21599	-.00085	-.00041	-.04004	-.00019	-.01513
#3	.00070	.00055	-.20369	-.00052	-.00035	-.05580	-.00012	-.00624
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	.00692	-.00329	.00650	-.00128	.0014	-.00009	F 3.4407
Stddev	.00059	.00127	.00020	.00112	.00043	.0006	.00008	.0998
%RSD	27.328	18.426	6.0296	17.205	33.782	42.11	97.957	2.9000
#1	-.00228	.00768	-.00311	.00598	-.00097	.0010	-.00015	3.4373
#2	-.00152	.00763	-.00350	.00779	-.00177	.0021	-.00012	3.3427
#3	-.00268	.00545	-.00327	.00574	-.00108	.0011	.00001	3.5421

Sample Name: PB116236BL Acquired: 1/8/2019 15:46:34 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3108
Stddev .1611
%RSD 12.289

#1 1.3332
#2 1.1397
#3 1.4595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3349.3	44697.	3921.9	83.548	3687.1
Stddev	18.2	65.	40.7	.251	23.3
%RSD	.54458	.14509	1.0365	.30079	.63245

#1	3367.2	44631.	3875.0	83.345	3711.8
#2	3330.8	44698.	3943.8	83.830	3665.5
#3	3349.9	44761.	3946.8	83.470	3684.1

Sample Name: PB116236BS Acquired: 1/8/2019 15:50:42 Type: Unk
Method: P4-ICP2(v2706) 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	.79180	1.9513	.96385	1.9959	.80967	2.0578	.21534
Stddev	.00260	.0056	.00238	.0103	.00124	.0039	.00059
%RSD	.32842	.28475	.24662	.51708	.15303	.18700	.27612

#1	.79154	1.9527	.96250	1.9869	.80931	2.0539	.21601
#2	.79452	1.9561	.96659	1.9937	.80865	2.0615	.21513
#3	.78934	1.9452	.96246	2.0072	.81105	2.0581	.21488

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20255	.18717	1.1071	.42273	.19384	.31903	2.9529
Stddev	.00176	.00022	.0097	.00369	.00071	.00049	.0268
%RSD	.87134	.11902	.87869	.87398	.36776	.15440	.90884

#1	.20451	.18692	1.0984	.42685	.19357	.31915	2.9608
#2	.20109	.18722	1.1054	.41972	.19465	.31849	2.9230
#3	.20204	.18736	1.1176	.42161	.19330	.31945	2.9749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21201	2.0182	.48272	.07199	2.9414	.29737	.19830
Stddev	.00174	.0351	.00142	.00077	.0148	.00242	.00261
%RSD	.82014	1.7384	.29356	1.0708	.50334	.81298	1.3138

#1	.21393	2.0006	.48290	.07282	2.9585	.30012	.19915
#2	.21054	1.9954	.48404	.07186	2.9320	.29557	.19537
#3	.21157	2.0586	.48122	.07129	2.9337	.29643	.20037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.313	.40096	.30033	F 1.2324	.96026	.65760	.21148
Stddev	.054	.00119	.01219	.0051	.01332	.00187	.00120
%RSD	.52726	.29790	4.0586	.41590	1.3867	.28375	.56900

#1	10.356	.40033	.28633	1.2367	.97545	.65799	.21037
#2	10.331	.40021	.30608	1.2337	.95063	.65924	.21129
#3	10.252	.40234	.30859	1.2267	.95468	.65557	.21276

Sample Name: PB116236BS Acquired: 1/8/2019 15:50:42 Type: Unk
Method: P4-ICP2(v2706) 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	.21992	5.382	.21607	F 3.7135	F<.00000
Stddev	.00111	.005	.00073	.0824	.37081
%RSD	.50429	.1029	.33720	2.2184	750.66
#1	.22119	5.378	.21652	3.8071	-.16620
#2	.21941	5.388	.21645	3.6523	-.34774
#3	.21915	5.379	.21523	3.6810	.36575
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.1	44022.	3903.1	84.092	3625.6
Stddev	11.1	340.	26.8	1.330	10.0
%RSD	.33075	.77164	.68618	1.5819	.27549
#1	3336.1	43630.	3872.2	83.355	3614.1
#2	3357.9	44201.	3918.3	85.627	3630.5
#3	3350.4	44234.	3918.9	83.293	3632.1

Sample Name: K1042-02 Acquired: 1/8/2019 16:01:07 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00027	-.00241	.00057	-.00145	.00001	.11394	-.00003
Stddev	.00164	.00057	.00040	.00225	.00044	.00944	.00352	.00003
%RSD	11943.	211.08	16.564	398.52	30.143	65209.	3.0862	131.73

#1	-.00163	-.00022	-.00197	-.00191	-.00136	-.00212	.11647	-.00006
#2	-.00007	.00014	-.00276	.00112	-.00107	-.00817	.10993	-.00002
#3	.00166	.00089	-.00249	.00249	-.00193	.01034	.11544	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	23.551	.00008	-.00020	-.00091	2.7666	.08316	2.4616
Stddev	.00004	.674	.00028	.00009	.00031	.1002	.00127	.0551
%RSD	33.325	2.8633	336.24	46.972	34.230	3.6228	1.5306	2.2389

#1	-.00017	24.008	-.00012	-.00029	-.00057	2.8332	.08460	2.5061
#2	-.00014	22.776	.00040	-.00010	-.00100	2.6513	.08219	2.4000
#3	-.00008	23.869	-.00004	-.00020	-.00117	2.8152	.08270	2.4789

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00009	22.436	-.00014	.01171	2.9881	-.00010	.06223
Stddev	.00036	.00024	.621	.00034	.00039	.0936	.00019	.00639
%RSD	148.87	267.51	2.7688	242.83	3.3381	3.1325	182.01	10.272

#1	-.00003	-.00025	22.943	.00025	.01202	3.0571	-.00031	.06724
#2	.00065	-.00021	21.744	-.00034	.01127	2.8816	-.00003	.05503
#3	.00010	.00019	22.622	-.00033	.01183	3.0257	.00004	.06442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59095	2.1106	-.00211	.00541	.02364	.0543	.14180	4.0405
Stddev	.00754	.0590	.00045	.00124	.00119	.0006	.00383	.3451
%RSD	1.2753	2.7954	21.191	22.847	5.0167	1.152	2.6984	8.5410

#1	.58409	2.1636	-.00180	.00482	.02314	.0543	.14453	4.4201
#2	.59902	2.0470	-.00191	.00683	.02278	.0550	.13743	3.9554
#3	.58975	2.1213	-.00263	.00457	.02499	.0537	.14346	3.7459

Sample Name: K1042-02 Acquired: 1/8/2019 16:01:07 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1562
Stddev .1901
%RSD 16.443

#1 .94118
#2 1.3021
#3 1.2253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.2	42995.	3987.5	85.396	3537.7
Stddev	34.2	798.	106.0	2.934	42.7
%RSD	1.0424	1.8572	2.6576	3.4353	1.2080

#1	3299.0	42078.	3894.7	83.103	3566.1
#2	3237.0	43372.	4103.0	88.702	3488.6
#3	3292.7	43535.	3964.9	84.384	3558.4

Sample Name: J6566-07 Acquired: 1/8/2019 16:05:13 Type: Unk
Method: P4-ICP2(v2706) 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	.39754	-.01286	F 374.76	.00812	1.9491	102.13	.78699	.00685
Stddev	.00345	.00321	1.39	.00380	.0080	.17	.00032	.00010
%RSD	.86861	24.957	.37016	46.847	.41063	.16793	.04077	1.4193
#1	.40151	-.01130	375.27	.00396	1.9578	102.06	.78663	.00677
#2	.39523	-.01655	375.82	.01142	1.9475	102.00	.78710	.00696
#3	.39589	-.01073	373.19	.00898	1.9420	102.32	.78724	.00682
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01476	266.00	.11707	.06229	-.23622	209.56	2.5268	57.169
Stddev	.00022	1.01	.00218	.00019	.00207	1.40	.0064	.194
%RSD	1.5160	.38006	1.8659	.30599	.87562	.66897	.25353	.33947
#1	.01499	264.87	.11594	.06245	-.23419	208.55	2.5268	56.958
#2	.01474	266.30	.11568	.06235	-.23832	208.96	2.5203	57.339
#3	.01454	266.83	.11959	.06208	-.23614	211.16	2.5332	57.211
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16924	.00279	1.8625	.32256	.94544	10.711	.01942	.02402
Stddev	.00188	.00040	.0054	.00104	.01065	.013	.00028	.00890
%RSD	1.1117	14.399	.28871	.32231	1.1260	.11885	1.4596	37.035
#1	.17116	.00236	1.8668	.32154	.94009	10.702	.01947	.01380
#2	.16915	.00315	1.8642	.32251	.93853	10.707	.01911	.03001
#3	.16740	.00285	1.8565	.32362	.95770	10.726	.01967	.02825
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 65.571	F 16.957	.42678	1.4720	.12901	6.556	1.5322	2.7103
Stddev	.178	.036	.00090	.0060	.00212	.012	.0040	.0259
%RSD	.27138	.21318	.21101	.40685	1.6439	.1888	.25887	.95436
#1	65.692	16.915	.42732	1.4693	.12659	6.564	1.5277	2.7053
#2	65.653	16.978	.42728	1.4678	.12991	6.562	1.5353	2.7382
#3	65.367	16.978	.42574	1.4789	.13053	6.542	1.5336	2.6872

Sample Name: J6566-07 Acquired: 1/8/2019 16:05:13 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.729
Stddev	.572
%RSD	3.4178

#1	17.300
#2	16.157
#3	16.731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3389.5	45829.	4374.9	80.504	3065.8
Stddev	21.5	125.	9.4	.727	15.8
%RSD	.63316	.27237	.21382	.90274	.51537

#1	3369.1	45820.	4384.7	80.819	3055.5
#2	3387.5	45959.	4373.7	81.019	3057.9
#3	3411.9	45710.	4366.1	79.672	3084.0

Sample Name: J6566-09 Acquired: 1/8/2019 16:09:16 Type: Unk
Method: P4-ICP2(v2706) 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	.69720	-.01388	F 411.87	.01374	4.3518	65.896	.97693	.00595
Stddev	.00158	.00116	3.64	.00202	.0179	.013	.00340	.00010
%RSD	.22702	8.3434	.88383	14.730	.41121	.01929	.34767	1.6189
#1	.69571	-.01275	409.56	.01233	4.3407	65.905	.97802	.00596
#2	.69703	-.01382	416.07	.01284	4.3725	65.881	.97313	.00584
#3	.69886	-.01507	409.99	.01606	4.3423	65.902	.97965	.00603
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04592	346.75	-.07515	.03939	-.08064	89.854	2.5420	47.230
Stddev	.00008	1.39	.00110	.00034	.01164	.643	.0062	.339
%RSD	.17104	.40137	1.4620	.87173	14.437	.71616	.24412	.71741
#1	.04584	345.91	-.07494	.03952	-.07538	90.091	2.5383	47.227
#2	.04599	345.99	-.07634	.03964	-.09399	90.346	2.5386	46.893
#3	.04593	348.36	-.07418	.03900	-.07256	89.126	2.5492	47.571
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09700	.01554	4.6896	.16030	.90897	4.2238	.01603	.03183
Stddev	.00047	.00032	.0365	.00060	.00659	.0285	.00026	.00159
%RSD	.48691	2.0561	.77905	.37667	.72489	.67563	1.6136	5.0019
#1	.09658	.01590	4.6986	.16021	.91224	4.2274	.01582	.03000
#2	.09751	.01533	4.6494	.16094	.91327	4.1936	.01596	.03281
#3	.09691	.01538	4.7208	.15974	.90138	4.2503	.01632	.03269
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 238.90	F 14.162	.88266	.95419	.05828	4.460	.73962	3.4483
Stddev	1.82	.092	.00518	.00764	.00121	.019	.00341	.0754
%RSD	.76308	.65067	.58630	.80118	2.0755	.4245	.46162	2.1864
#1	239.90	14.107	.88206	.95918	.05795	4.468	.73906	3.3690
#2	240.00	14.112	.88811	.94538	.05728	4.474	.73652	3.4568
#3	236.80	14.269	.87781	.95800	.05962	4.438	.74328	3.5191

Sample Name: J6566-09 Acquired: 1/8/2019 16:09:16 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.976
Stddev	.160
%RSD	1.3395

#1	12.161
#2	11.871
#3	11.897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3329.4	45121.	4370.4	81.243	3054.0
Stddev	9.5	38.	22.3	.666	23.5
%RSD	.28671	.08421	.50981	.82013	.77050

#1	3328.2	45118.	4372.0	80.945	3043.6
#2	3320.6	45160.	4391.9	80.779	3037.6
#3	3339.5	45084.	4347.4	82.007	3081.0

Sample Name: J6566-10 Acquired: 1/8/2019 16:13:14 Type: Unk
Method: P4-ICP2(v2706) 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	.56625	-.00659	F 363.28	.01279	3.9513	9.9094	.42516	.00205
Stddev	.00614	.00123	1.33	.00201	.0410	.0718	.00282	.00001
%RSD	1.0845	18.682	.36734	15.706	1.0365	.72505	.66313	.32084
#1	.56104	-.00519	362.05	.01370	3.9315	9.8314	.42682	.00205
#2	.57302	-.00751	364.70	.01049	3.9984	9.9728	.42190	.00204
#3	.56471	-.00706	363.08	.01418	3.9240	9.9240	.42674	.00206
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01817	79.953	-.12703	.02650	-.26028	37.481	.43963	12.315
Stddev	.00012	.766	.00041	.00015	.00460	.638	.00149	.122
%RSD	.64853	.95762	.32494	.55245	1.7661	1.7015	.33817	.99232
#1	.01810	80.772	-.12657	.02650	-.26221	37.740	.43964	12.338
#2	.01831	79.256	-.12737	.02665	-.25503	36.755	.43814	12.183
#3	.01811	79.831	-.12716	.02636	-.26360	37.949	.44111	12.424
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05536	.00787	1.4708	.04712	.48020	2.0139	.01293	-.00758
Stddev	.00025	.00052	.0120	.00018	.00594	.0307	.00021	.00839
%RSD	.45018	6.6440	.81420	.38071	1.2366	1.5234	1.5869	110.68
#1	.05525	.00835	1.4814	.04719	.48294	2.0365	.01270	-.00527
#2	.05565	.00731	1.4578	.04726	.47339	1.9789	.01310	-.01688
#3	.05519	.00795	1.4731	.04692	.48428	2.0262	.01301	-.00059
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 182.90	4.1043	.29546	.18715	.01162	1.249	.21451	3.5821
Stddev	.85	.0397	.00313	.00348	.00091	.007	.00221	.0393
%RSD	.46646	.96723	1.0600	1.8592	7.8530	.5787	1.0285	1.0979
#1	182.65	4.1449	.29234	.18648	.01091	1.243	.21705	3.5374
#2	183.85	4.0656	.29860	.18405	.01131	1.257	.21316	3.6113
#3	182.20	4.1025	.29544	.19091	.01265	1.247	.21331	3.5977

Sample Name: J6566-10 Acquired: 1/8/2019 16:13:14 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.9899
Stddev .3706
%RSD 6.1867

#1 6.3143
#2 6.0695
#3 5.5860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3269.3	44577.	4164.3	84.679	3382.0
Stddev	22.2	63.	31.0	1.208	11.8
%RSD	.67997	.14077	.74495	1.4260	.35021

#1	3274.3	44601.	4130.5	83.902	3380.2
#2	3245.0	44506.	4191.4	86.070	3371.2
#3	3288.7	44624.	4171.1	84.065	3394.6

Sample Name: J6566-13 Acquired: 1/8/2019 16:30:39 Type: Unk
Method: P4-ICP2(v2706) 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	.34027	-.00500	F 307.65	.01277	3.6068	5.3496	.25667	.00044
Stddev	.00077	.00099	.27	.00180	.0135	.0910	.00049	.00001
%RSD	.22710	19.817	.08624	14.079	.37533	1.7015	.19192	1.4897
#1	.34096	-.00390	307.95	.01199	3.6206	5.3164	.25633	.00043
#2	.34040	-.00529	307.46	.01150	3.6063	5.2797	.25723	.00044
#3	.33944	-.00581	307.54	.01483	3.5935	5.4525	.25644	.00044
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03577	8.2557	-.05546	.00837	.43958	12.568	.20242	2.1299
Stddev	.00005	.0247	.00211	.00004	.00252	.190	.00330	.0272
%RSD	.15236	.29877	3.8025	.45263	.57216	1.5129	1.6322	1.2756
#1	.03581	8.2419	-.05592	.00833	.44121	12.549	.20034	2.1612
#2	.03571	8.2841	-.05731	.00839	.43669	12.388	.20070	2.1165
#3	.03578	8.2409	-.05317	.00840	.44086	12.767	.20623	2.1121
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06713	.00982	-.04835	.08915	.25908	.38299	.00560	-.00663
Stddev	.00027	.00038	.00305	.00222	.00170	.01743	.00020	.00561
%RSD	.40153	3.8351	6.3114	2.4893	.65621	4.5521	3.4893	84.572
#1	.06690	.01020	-.05183	.08788	.26008	.38490	.00545	-.00600
#2	.06706	.00980	-.04712	.08786	.25711	.39940	.00552	-.00137
#3	.06743	.00945	-.04612	.09172	.26003	.36468	.00582	-.01253
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.238	2.8356	.25768	.17421	.00373	.7640	.02979	3.5227
Stddev	.039	.0068	.00095	.00228	.00101	.0018	.00027	.1212
%RSD	.17667	.23962	.36856	1.3077	27.115	.2323	.90098	3.4409
#1	22.263	2.8298	.25668	.17585	.00462	.7620	.02977	3.5559
#2	22.192	2.8340	.25779	.17161	.00263	.7654	.03007	3.3883
#3	22.258	2.8431	.25857	.17518	.00394	.7647	.02953	3.6238

Sample Name: J6566-13 Acquired: 1/8/2019 16:30:39 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7366
Stddev	.1473
%RSD	5.3835

#1	2.8447
#2	2.5688
#3	2.7962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3295.4	44570.	4079.2	85.860	3524.2
Stddev	7.4	517.	28.4	.613	8.0
%RSD	.22468	1.1595	.69704	.71446	.22622

#1	3291.1	44668.	4062.6	85.507	3520.8
#2	3303.9	45031.	4062.9	86.568	3533.3
#3	3291.1	44011.	4112.0	85.505	3518.6

Sample Name: J6566-07DLX10 Acquired: 1/8/2019 16:34:43 Type: Unk
Method: P4-ICP2(v2706) 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	.04285	-.00105	41.051	-.00076	.21650	11.035	.08848	.00075
Stddev	.00136	.00044	.175	.00129	.00225	.080	.00014	.00004
%RSD	3.1648	41.648	.42612	169.78	1.0414	.72781	.16056	4.8237
#1	.04147	-.00147	40.926	-.00219	.21425	11.124	.08844	.00076
#2	.04418	-.00107	41.251	-.00038	.21876	11.014	.08836	.00077
#3	.04290	-.00060	40.977	.00030	.21651	10.967	.08864	.00071
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	29.781	.01504	.00618	-.02003	21.735	.29695	6.7110
Stddev	.00007	.365	.00107	.00008	.00029	.299	.00439	.0263
%RSD	5.6621	1.2266	7.0902	1.3147	1.4350	1.3739	1.4786	.39261
#1	.00133	29.604	.01583	.00613	-.02005	21.509	.30011	6.6889
#2	.00130	29.538	.01546	.00627	-.01973	21.622	.29879	6.7040
#3	.00119	30.201	.01383	.00613	-.02030	22.073	.29193	6.7402
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01771	.00023	.01881	.03574	.09869	1.1666	.00189	-.00697
Stddev	.00021	.00016	.00329	.00028	.00091	.0390	.00019	.00105
%RSD	1.2075	70.020	17.464	.77900	.92292	3.3413	10.205	14.988
#1	.01792	.00040	.01503	.03598	.09771	1.1863	.00175	-.00818
#2	.01771	.00017	.02040	.03581	.09885	1.1917	.00211	-.00639
#3	.01749	.00010	.02101	.03543	.09951	1.1217	.00180	-.00636
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1465	2.1394	.04069	.17725	.01296	.6238	.17343	3.2439
Stddev	.0229	.0089	.00028	.00071	.00049	.0049	.00032	.2549
%RSD	.37261	.41367	.69361	.40059	3.7611	.7815	.18567	7.8589
#1	6.1252	2.1325	.04082	.17801	.01243	.6211	.17309	3.5152
#2	6.1708	2.1494	.04088	.17714	.01338	.6294	.17345	3.2073
#3	6.1437	2.1364	.04036	.17661	.01308	.6208	.17374	3.0093

Sample Name: J6566-07DLX10 Acquired: 1/8/2019 16:34:43 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9994
Stddev .2279
%RSD 5.6984

#1 3.8622
#2 4.2625
#3 3.8735

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.7	45296.	4120.2	86.319	3553.3
Stddev	18.6	702.	2.2	.871	14.8
%RSD	.55143	1.5492	.05275	1.0094	.41592

#1	3375.5	44739.	4119.3	87.259	3564.0
#2	3344.3	45064.	4122.7	86.159	3536.4
#3	3377.3	46084.	4118.7	85.539	3559.6

Sample Name: J6566-09DLX10 Acquired: 1/8/2019 16:38:41 Type: Unk
Method: P4-ICP2(v2706) 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	.07090	-.00121	43.590	.00308	.45393	6.6868	.10618	.00065
Stddev	.00242	.00033	.094	.00073	.00163	.0497	.00108	.00009
%RSD	3.4087	27.149	.21452	23.648	.35869	.74390	1.0167	13.610
#1	.06816	-.00084	43.698	.00392	.45545	6.6365	.10607	.00073
#2	.07183	-.00132	43.538	.00272	.45221	6.6879	.10516	.00067
#3	.07271	-.00147	43.533	.00260	.45414	6.7360	.10731	.00056
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00431	37.680	-.00769	.00364	-.00197	9.0241	.28418	5.2229
Stddev	.00008	.333	.00022	.00023	.00063	.1010	.00071	.1040
%RSD	1.8759	.88333	2.8135	6.1815	32.071	1.1194	.25140	1.9918
#1	.00422	37.672	-.00754	.00349	-.00197	9.0223	.28365	5.2246
#2	.00434	37.351	-.00794	.00354	-.00260	8.9240	.28391	5.1181
#3	.00438	38.017	-.00760	.00390	-.00133	9.1260	.28499	5.3261
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00967	.00195	.27957	.01660	.09277	.41750	.00124	-.00485
Stddev	.00008	.00041	.00696	.00057	.00143	.01009	.00012	.00083
%RSD	.83454	20.803	2.4880	3.4403	1.5445	2.4165	9.6894	17.218
#1	.00972	.00240	.27305	.01723	.09347	.40774	.00114	-.00524
#2	.00958	.00161	.27879	.01612	.09113	.42789	.00137	-.00389
#3	.00972	.00183	.28689	.01643	.09373	.41687	.00122	-.00541
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.764	1.6506	.08206	.11045	.00503	.3982	.08036	3.5776
Stddev	.047	.0211	.00103	.00029	.00070	.0032	.00048	.0980
%RSD	.21784	1.2770	1.2520	.26299	13.911	.8089	.59408	2.7390
#1	21.815	1.6674	.08112	.11076	.00527	.3988	.08067	3.4695
#2	21.721	1.6269	.08316	.11019	.00424	.4011	.07981	3.6025
#3	21.757	1.6573	.08191	.11039	.00559	.3947	.08060	3.6607

Sample Name: J6566-09DLX10 Acquired: 1/8/2019 16:38:41 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6179
Stddev	.3197
%RSD	19.762

#1	1.6531
#2	1.2821
#3	1.9186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.9	44355.	4068.5	84.572	3543.0
Stddev	7.5	115.	33.5	1.161	6.6
%RSD	.22527	.25876	.82255	1.3728	.18567

#1	3309.7	44443.	4038.3	83.852	3535.5
#2	3319.7	44398.	4104.5	85.911	3545.8
#3	3324.3	44225.	4062.6	83.952	3547.8

Sample Name: J6566-10DLX10 Acquired: 1/8/2019 16:42:41 Type: Unk
Method: P4-ICP2(v2706) 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	.05232	-.00021	36.242	-.00082	.37284	.93204	.04232	.00016
Stddev	.00108	.00048	.051	.00281	.00131	.01001	.00123	.00008
%RSD	2.0551	226.94	.13939	341.45	.35011	1.0739	2.8948	51.047
#1	.05330	.00034	36.222	-.00229	.37420	.92992	.04091	.00009
#2	.05117	-.00052	36.299	-.00260	.37159	.94294	.04297	.00025
#3	.05249	-.00045	36.204	.00242	.37272	.92326	.04309	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	7.8839	-.01257	.00256	-.02885	3.5125	.04388	1.2154
Stddev	.00004	.0214	.00016	.00014	.00064	.0276	.00029	.0195
%RSD	2.2060	.27158	1.2446	5.3409	2.2032	.78660	.67203	1.6066
#1	.00170	7.9062	-.01241	.00242	-.02811	3.5210	.04366	1.2176
#2	.00177	7.8821	-.01272	.00270	-.02925	3.5349	.04378	1.1948
#3	.00170	7.8635	-.01258	.00257	-.02917	3.4817	.04422	1.2337
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	.00131	-.06193	.00397	.04555	.17883	.00093	-.00329
Stddev	.00011	.00019	.00513	.00029	.00110	.02173	.00011	.00145
%RSD	1.8028	14.146	8.2905	7.2380	2.4097	12.152	12.336	44.091
#1	.00621	.00150	-.06171	.00384	.04659	.20364	.00090	-.00286
#2	.00600	.00131	-.06717	.00377	.04565	.16972	.00106	-.00211
#3	.00606	.00113	-.05691	.00430	.04441	.16314	.00084	-.00491
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.547	.41691	.02453	.02403	-.00039	.1130	.02083	3.4307
Stddev	.008	.00301	.00046	.00156	.00121	.0007	.00007	.0879
%RSD	.04574	.72307	1.8746	6.5051	310.48	.6153	.34292	2.5614
#1	16.541	.41908	.02475	.02312	-.00141	.1136	.02085	3.5321
#2	16.555	.41817	.02400	.02584	-.00070	.1131	.02075	3.3839
#3	16.544	.41347	.02484	.02313	.00094	.1122	.02089	3.3762

Sample Name: J6566-10DLX10 Acquired: 1/8/2019 16:42:41 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1389
Stddev	.3421
%RSD	30.039

#1	.90878
#2	.97598
#3	1.5321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.9	44870.	4063.9	87.517	3681.1
Stddev	5.6	195.	29.9	1.928	4.4
%RSD	.16612	.43482	.73641	2.2031	.12027

#1	3363.1	44645.	4033.3	86.057	3685.0
#2	3355.4	44987.	4065.5	86.791	3676.3
#3	3352.2	44978.	4093.1	89.702	3682.0

Sample Name: CCV05 Acquired: 1/8/2019 16:51:57 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9723	4.7404	4.9352	4.9163	5.0378	10.287	9.9362	.24641
Stddev	.0087	.0045	.0066	.0048	.0119	.070	.0527	.00122
%RSD	.17430	.09465	.13359	.09831	.23690	.68516	.52986	.49387
#1	4.9717	4.7438	4.9353	4.9215	5.0497	10.271	9.9848	.24534
#2	4.9639	4.7421	4.9418	4.9120	5.0259	10.225	9.9435	.24773
#3	4.9812	4.7353	4.9286	4.9152	5.0377	10.364	9.8803	.24616
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3426	25.601	1.0067	2.3712	1.2300	4.6142	2.4630	23.501
Stddev	.0006	.075	.0041	.0007	.0027	.1170	.0091	.170
%RSD	.02680	.29441	.41017	.02986	.22300	2.5365	.37107	.72138
#1	2.3431	25.556	1.0025	2.3712	1.2315	4.7195	2.4527	23.511
#2	2.3428	25.558	1.0070	2.3720	1.2269	4.6349	2.4701	23.327
#3	2.3419	25.688	1.0107	2.3706	1.2318	4.4882	2.4662	23.665
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3480	1.1786	23.892	2.3484	2.3047	23.885	4.8024	4.8745
Stddev	.0009	.0048	.143	.0058	.0726	.102	.0105	.0284
%RSD	.03952	.40830	.59794	.24835	3.1498	.42733	.21815	.58227
#1	2.3485	1.1735	24.019	2.3426	2.3606	23.943	4.8065	4.8919
#2	2.3469	1.1831	23.919	2.3543	2.3309	23.946	4.7905	4.8418
#3	2.3485	1.1791	23.738	2.3482	2.2227	23.768	4.8102	4.8899
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6553	4.7094	4.5989	4.8204	5.0644	4.751	5.2677	4.6038
Stddev	.0164	.0196	.0028	.0181	.0248	.009	.0232	.0767
%RSD	.35268	.41569	.06084	.37503	.48976	.1873	.44126	1.6668
#1	4.6703	4.7214	4.6022	4.8303	5.0826	4.759	5.2806	4.6173
#2	4.6378	4.7200	4.5971	4.7995	5.0744	4.741	5.2816	4.5212
#3	4.6578	4.6868	4.5976	4.8313	5.0361	4.752	5.2408	4.6728

Sample Name: CCV05 Acquired: 1/8/2019 16:51:57 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8376
Stddev .4885
%RSD 17.214

#1 2.2784
#2 3.0530
#3 3.1813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.1	42195.	3912.7	81.890	3274.4
Stddev	1.5	73.	21.3	2.610	5.4
%RSD	.04747	.17413	.54381	3.1872	.16519

#1	3195.4	42145.	3892.6	79.929	3270.8
#2	3197.8	42279.	3910.6	80.888	3271.9
#3	3198.2	42159.	3935.0	84.852	3280.6

Sample Name: CCB05 Acquired: 1/8/2019 17:16:22 Type: Unk
Method: P4-ICP2(v2706) 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	.00071	.00417	.00590	-.00008	-.00405	.00868	-.01305	.00001
Stddev	.00021	.00001	.00278	.00045	.00007	.00282	.00071	.00001
%RSD	28.974	.18643	47.076	544.00	1.8077	32.477	5.4557	53.451
#1	.00094	.00416	.00837	-.00005	-.00412	.00544	-.01387	.00001
#2	.00064	.00417	.00289	-.00055	-.00406	.01005	-.01260	.00002
#3	.00055	.00417	.00644	.00035	-.00397	.01054	-.01267	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00068	.00005	.00006	.00007	.01008	-.00011	-.01295
Stddev	.00001	.00396	.00011	.00007	.00007	.00183	.00002	.01275
%RSD	1.9339	582.54	194.61	122.45	99.878	18.187	14.757	98.446
#1	.00029	.00197	-.00003	-.00002	.00007	.01019	-.00013	-.00030
#2	.00030	.00123	.00017	.00011	.00014	.01186	-.00009	-.01275
#3	.00029	-.00524	.00002	.00009	-.00000	.00820	-.00010	-.02580
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00684	-.00012	-.34481	-.00017	-.00089	.07518	-.00028	-.01065
Stddev	.00023	.00010	.00485	.00006	.00006	.01628	.00004	.00357
%RSD	3.3202	78.938	1.4058	33.082	7.3034	21.661	14.480	33.488
#1	.00672	-.00023	-.34896	-.00011	-.00096	.09369	-.00023	-.00713
#2	.00710	-.00010	-.33948	-.00022	-.00086	.06881	-.00029	-.01054
#3	.00669	-.00004	-.34597	-.00018	-.00084	.06305	-.00031	-.01426
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00259	-.03059	-.00435	.00559	-.00706	-.0014	.00003	^ *****
Stddev	.00071	.00117	.00012	.00026	.00069	.0001	.00001	-----
%RSD	27.575	3.8171	2.6826	4.7178	9.7832	10.11	51.562	-----
#1	-.00254	-.03194	-.00432	.00531	-.00765	-.0014	.00004	^ -----
#2	-.00190	-.02999	-.00448	.00562	-.00722	-.0015	.00002	^ -----
#3	-.00332	-.02984	-.00426	.00584	-.00630	-.0012	.00002	^ -----

Sample Name: CCB05 Acquired: 1/8/2019 17:16:22 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .26769
Stddev	.17870
%RSD	66.755

#1	.31612
#2	.41719
#3	.06977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15601.	177310.	13205.	294.95	17493.
Stddev	1491.	14787.	1490.	30.42	1470.
%RSD	9.5598	8.3397	11.281	10.314	8.4049

#1	14486.	166280.	14902.	329.17	16420.
#2	17295.	171540.	12596.	284.68	19169.
#3	15021.	194110.	12115.	270.98	16890.

Sample Name: J6558-11 Acquired: 1/8/2019 17:26:48 Type: Unk
Method: P4-ICP2(v2706) 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	.21263	-.00911	113.22	.00515	.40728	171.96	1.0125	.00948
Stddev	.00079	.00113	.13	.00077	.00254	5.52	.0172	.00038
%RSD	.37146	12.416	.11718	14.943	.62255	3.2075	1.7028	4.0195
#1	.21299	-.01001	113.24	.00474	.40776	168.81	.99729	.00930
#2	.21173	-.00784	113.35	.00604	.40454	178.33	1.0091	.00992
#3	.21318	-.00949	113.08	.00467	.40954	168.74	1.0312	.00924
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03419	119.89	.32676	.05696	3.8927	249.00	3.5252	55.990
Stddev	.00059	1.90	.01365	.00014	.0047	4.72	.1424	.817
%RSD	1.7166	1.5886	4.1768	.24188	.12153	1.8963	4.0395	1.4584
#1	.03475	118.81	.31918	.05681	3.8974	244.78	3.4444	55.538
#2	.03358	118.76	.34252	.05709	3.8879	254.10	3.6896	55.498
#3	.03423	122.08	.31859	.05697	3.8929	248.12	3.4415	56.932
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18932	.00721	.45123	.32020	3.9721	8.2355	.02520	.03595
Stddev	.00081	.00102	.01161	.01227	.0671	.0920	.00030	.00698
%RSD	.42955	14.153	2.5738	3.8313	1.6888	1.1171	1.1900	19.427
#1	.18843	.00731	.43791	.31113	3.9259	8.1545	.02554	.03884
#2	.19002	.00614	.45659	.33416	4.0491	8.2166	.02510	.04102
#3	.18953	.00817	.45921	.31531	3.9415	8.3355	.02497	.02798
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.876	9.4883	.35952	1.8841	.07664	F 13.62	.01586	2.7462
Stddev	.014	.2148	.00089	.0281	.00158	.04	.00728	.4408
%RSD	.07905	2.2640	.24880	1.4935	2.0663	.2697	45.900	16.052
#1	17.887	9.2508	.35911	1.8555	.07574	13.65	.01643	2.6781
#2	17.879	9.5453	.36054	1.8851	.07572	13.62	.00831	3.2171
#3	17.860	9.6689	.35890	1.9117	.07847	13.58	.02283	2.3434

Sample Name: J6558-11 Acquired: 1/8/2019 17:26:48 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.167
Stddev	.630
%RSD	5.6385

#1	11.740
#2	10.493
#3	11.267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3392.4	44831.	4306.4	80.148	3164.6
Stddev	10.5	1447.	40.0	1.271	7.4
%RSD	.31013	3.2278	.92886	1.5857	.23308

#1	3380.6	45340.	4332.8	80.903	3160.3
#2	3395.7	43198.	4326.1	78.681	3160.5
#3	3400.9	45954.	4260.4	80.861	3173.2

Sample Name: J6566-12 Acquired: 1/8/2019 17:32:02 Type: Unk
Method: P4-ICP2(v2706) 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	.24948	-.00385	185.04	.02838	1.4255	8.1506	.46742	.00176
Stddev	.00165	.00140	.14	.00182	.0040	.0843	.00313	.00005
%RSD	.66332	36.509	.07420	6.4150	.28243	1.0348	.66962	2.7007
#1	.25072	-.00546	184.94	.02710	1.4209	8.0539	.47018	.00178
#2	.24760	-.00314	184.98	.02758	1.4284	8.1896	.46402	.00179
#3	.25012	-.00294	185.19	.03046	1.4271	8.2084	.46806	.00171
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04144	73.623	-.03468	.01923	.04081	15.849	.28715	5.3118
Stddev	.00019	.435	.00095	.00009	.00342	.140	.00150	.0628
%RSD	.45521	.59068	2.7344	.48304	8.3871	.88202	.52101	1.1813
#1	.04124	73.867	-.03513	.01912	.03701	15.688	.28625	5.2434
#2	.04162	73.121	-.03531	.01931	.04175	15.931	.28632	5.3252
#3	.04145	73.882	-.03359	.01925	.04366	15.929	.28888	5.3668
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04801	.00578	.88682	.04702	1.3801	1.5823	.00655	-.00671
Stddev	.00030	.00010	.01696	.00064	.0067	.0245	.00021	.00795
%RSD	.62840	1.8110	1.9125	1.3577	.48436	1.5450	3.1610	118.43
#1	.04805	.00567	.90611	.04655	1.3728	1.5754	.00645	-.01297
#2	.04769	.00588	.88010	.04678	1.3815	1.5620	.00679	.00223
#3	.04829	.00578	.87425	.04775	1.3860	1.6094	.00641	-.00940
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 113.92	3.0922	.13675	.15792	.00998	.7519	.10913	3.6140
Stddev	.25	.0365	.00064	.00264	.00056	.0015	.00021	.1475
%RSD	.21533	1.1803	.46775	1.6691	5.5783	.2050	.18844	4.0825
#1	114.03	3.1274	.13602	.16026	.00969	.7537	.10912	3.5335
#2	113.64	3.0545	.13721	.15506	.00962	.7509	.10894	3.5243
#3	114.10	3.0946	.13702	.15845	.01062	.7512	.10935	3.7843

Sample Name: J6566-12 Acquired: 1/8/2019 17:32:02 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5339
Stddev .2485
%RSD 9.8074

#1 2.4547
#2 2.8124
#3 2.3347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3295.5	44789.	4217.2	85.857	3470.4
Stddev	8.2	169.	35.8	.162	11.6
%RSD	.25000	.37694	.84932	.18816	.33327

#1	3288.2	44929.	4179.9	85.999	3457.4
#2	3304.5	44838.	4251.4	85.889	3479.5
#3	3293.8	44602.	4220.4	85.681	3474.2

Sample Name: J6566-13DLX10 Acquired: 1/8/2019 17:35:56 Type: Unk
Method: P4-ICP2(v2706) 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	.03178	-.00025	32.430	-.00038	.36139	.54186	.02729	.00006
Stddev	.00218	.00122	.168	.00026	.00203	.00889	.00106	.00001
%RSD	6.8551	495.39	.51757	69.398	.56260	1.6404	3.8881	25.134

#1	.02934	.00000	32.569	-.00013	.36340	.54543	.02847	.00004
#2	.03246	.00083	32.478	-.00065	.36143	.53174	.02641	.00006
#3	.03354	-.00157	32.243	-.00036	.35934	.54841	.02700	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	.86415	-.00592	.00074	.04396	1.2619	.02080	.27716
Stddev	.00003	.00507	.00024	.00009	.00030	.0144	.00026	.02989
%RSD	.72023	.58642	4.0680	12.338	.67881	1.1374	1.2662	10.786

#1	.00365	.86506	-.00575	.00082	.04374	1.2607	.02085	.26052
#2	.00367	.85869	-.00619	.00064	.04384	1.2483	.02052	.25928
#3	.00362	.86870	-.00581	.00076	.04430	1.2769	.02104	.31167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00781	.00139	-.20970	.00856	.02891	.02444	.00044	-.00077
Stddev	.00023	.00056	.00314	.00011	.00044	.01177	.00023	.00627
%RSD	2.9542	40.293	1.4980	1.2819	1.5213	48.169	51.531	815.67

#1	.00807	.00192	-.20700	.00843	.02916	.03595	.00019	.00605
#2	.00771	.00081	-.20893	.00864	.02841	.01242	.00062	-.00206
#3	.00764	.00145	-.21315	.00859	.02917	.02496	.00053	-.00630

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2438	.30508	.02329	.02336	-.00095	.0764	.00298	3.3337
Stddev	.0114	.00516	.00052	.00149	.00050	.0004	.00002	.2239
%RSD	.50664	1.6904	2.2413	6.3824	52.763	.4768	.59786	6.7150

#1	2.2493	.31095	.02269	.02214	-.00094	.0761	.00296	3.5430
#2	2.2514	.30126	.02365	.02502	-.00046	.0768	.00299	3.0977
#3	2.2307	.30304	.02354	.02291	-.00147	.0764	.00299	3.3604

Sample Name: J6566-13DLX10 Acquired: 1/8/2019 17:35:56 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0860
Stddev	.1994
%RSD	18.361

#1	1.1780
#2	1.2228
#3	.85724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.5	45338.	4071.3	86.993	3694.5
Stddev	22.5	555.	37.9	1.353	21.8
%RSD	.66645	1.2235	.93107	1.5557	.58987

#1	3354.4	44875.	4033.8	85.864	3672.9
#2	3372.9	45953.	4109.6	88.493	3694.1
#3	3399.2	45186.	4070.6	86.623	3716.5

Sample Name: J6558-09 Acquired: 1/8/2019 17:39:58 Type: Unk
Method: P4-ICP2(v2706) 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	.07390	-.00350	11.147	.00311	.04192	72.561	.68798	.00514
Stddev	.00110	.00049	.038	.00211	.00090	.225	.00908	.00021
%RSD	1.4850	13.917	.34114	67.839	2.1484	.30946	1.3202	4.1090

#1	.07339	-.00340	11.189	.00182	.04282	72.397	.68842	.00505
#2	.07315	-.00403	11.137	.00554	.04102	72.817	.67868	.00538
#3	.07516	-.00308	11.115	.00196	.04192	72.469	.69683	.00499

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00458	25.643	.26834	.02923	.92012	119.26	.64880	13.088
Stddev	.00029	.296	.00412	.00010	.00174	2.94	.00553	.108
%RSD	6.3612	1.1562	1.5358	.35844	.18883	2.4641	.85292	.82383

#1	.00450	25.625	.26643	.02933	.91866	120.51	.64720	13.100
#2	.00491	25.357	.27307	.02924	.92204	115.90	.65496	12.975
#3	.00434	25.949	.26553	.02912	.91965	121.36	.64424	13.189

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17836	.01312	.13659	.18453	1.5821	3.0000	.00509	-.00743
Stddev	.00031	.00051	.00771	.00303	.0360	.0625	.00012	.00848
%RSD	.17416	3.9186	5.6479	1.6442	2.2754	2.0847	2.4153	114.15

#1	.17806	.01274	.13318	.18330	1.6064	3.0609	.00512	-.01445
#2	.17868	.01292	.13117	.18798	1.5408	2.9359	.00519	-.00983
#3	.17834	.01371	.14542	.18230	1.5993	3.0031	.00495	.00199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6041	3.9329	.26627	1.8578	.05620	F 13.82	.00462	2.7727
Stddev	.0060	.0226	.00195	.0274	.00118	.08	.00178	.1165
%RSD	.37652	.57400	.73310	1.4765	2.0918	.5711	38.462	4.2019

#1	1.6107	3.9432	.26848	1.8641	.05606	13.91	.00371	2.8968
#2	1.6026	3.9070	.26559	1.8278	.05510	13.78	.00667	2.7556
#3	1.5990	3.9485	.26475	1.8815	.05744	13.76	.00348	2.6657

Sample Name: J6558-09 Acquired: 1/8/2019 17:39:58 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 14.834
 Stddev .212
 %RSD 1.4286

#1 14.802
 #2 15.060
 #3 14.640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.6	46271.	4373.7	85.207	3445.5
Stddev	7.8	395.	35.5	1.760	12.6
%RSD	.22439	.85272	.81191	2.0650	.36475

#1	3480.7	46188.	4352.3	84.045	3435.7
#2	3492.8	45925.	4414.7	87.232	3441.0
#3	3495.3	46701.	4354.2	84.345	3459.7

Sample Name: J6558-10 Acquired: 1/8/2019 17:43:49 Type: Unk
Method: P4-ICP2(v2706) 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	.10264	-.00799	31.424	.00504	.08215	120.11	1.0997	.00663
Stddev	.00305	.00227	.177	.00699	.00146	1.29	.0265	.00005
%RSD	2.9683	28.443	.56261	138.77	1.7798	1.0743	2.4086	.79517

#1	.10573	-.00790	31.442	.01010	.08215	121.59	1.1297	.00669
#2	.10256	-.00576	31.239	.00796	.08069	119.56	1.0899	.00661
#3	.09964	-.01031	31.591	-.00294	.08361	119.19	1.0796	.00659

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01422	472.84	.47814	.05565	4.5142	273.30	4.2628	117.98
Stddev	.00159	10.64	.00226	.00018	.0261	12.89	.0156	2.64
%RSD	11.214	2.2511	.47279	.33072	.57863	4.7151	.36645	2.2384

#1	.01324	485.00	.48049	.05559	4.5237	280.37	4.2809	120.94
#2	.01336	468.27	.47794	.05551	4.4847	281.11	4.2536	117.12
#3	.01606	465.24	.47599	.05586	4.5343	258.43	4.2541	115.88

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20671	.00701	11.343	.33590	3.2205	14.132	.02850	.05039
Stddev	.00147	.00097	.277	.00248	.1544	.326	.00032	.01613
%RSD	.70874	13.812	2.4433	.73791	4.7935	2.3090	1.1250	32.012

#1	.20649	.00724	11.656	.33810	3.3093	14.508	.02829	.05006
#2	.20537	.00784	11.239	.33639	3.3100	13.971	.02886	.06669
#3	.20827	.00595	11.132	.33321	3.0423	13.918	.02833	.03443

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8584	8.4939	.74355	1.9319	.13674	9.388	.75617	2.9112
Stddev	.0410	.1828	.00385	.0340	.00384	.038	.02175	.1723
%RSD	.46227	2.1517	.51844	1.7584	2.8052	.4063	2.8759	5.9180

#1	8.8707	8.7024	.74500	1.9711	.14107	9.393	.77854	3.0482
#2	8.8128	8.4175	.73918	1.9135	.13540	9.347	.73510	2.7178
#3	8.8919	8.3617	.74647	1.9110	.13376	9.423	.75487	2.9676

Sample Name: J6558-10 Acquired: 1/8/2019 17:43:49 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.857
 Stddev .198
 %RSD 1.8239

#1 10.805
 #2 11.076
 #3 10.691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.9	43259.	4300.4	77.695	2932.1
Stddev	15.7	471.	98.1	3.737	14.9
%RSD	.48067	1.0884	2.2810	4.8093	.50747

#1	3251.0	42722.	4188.6	75.577	2928.4
#2	3274.6	43454.	4340.6	75.498	2948.5
#3	3245.0	43600.	4372.0	82.009	2919.4

Sample Name: J6558-12 Acquired: 1/8/2019 17:47:54 Type: Unk
Method: P4-ICP2(v2706) 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	.66798	-.01682	F 518.86	.00460	5.0829	62.610	1.6869	.00475
Stddev	.00464	.00042	4.46	.00409	.0373	.231	.0131	.00011
%RSD	.69517	2.5038	.85994	88.848	.73443	.36847	.77918	2.3234
#1	.67156	-.01700	522.93	.00250	5.0988	62.418	1.6856	.00468
#2	.66965	-.01712	519.57	.00199	5.1097	62.546	1.6745	.00488
#3	.66274	-.01634	514.09	.00931	5.0403	62.866	1.7007	.00470
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05450	136.24	.12010	.05884	2.6171	160.48	3.3268	51.252
Stddev	.00075	.57	.00381	.00056	.0323	3.07	.0075	.232
%RSD	1.3757	.41696	3.1714	.95963	1.2342	1.9106	.22463	.45193
#1	.05527	136.60	.11602	.05905	2.6283	157.39	3.3213	51.266
#2	.05446	135.59	.12070	.05927	2.6423	160.52	3.3238	51.013
#3	.05378	136.54	.12357	.05820	2.5807	163.52	3.3353	51.476
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31516	.01960	.36224	.25511	4.4425	8.8828	.02351	.00448
Stddev	.00127	.00064	.00331	.00124	.0737	.0595	.00008	.00735
%RSD	.40249	3.2778	.91427	.48500	1.6583	.67007	.36149	164.00
#1	.31617	.01905	.36154	.25585	4.3748	8.9054	.02343	-.00271
#2	.31557	.01943	.36585	.25580	4.4318	8.8153	.02350	.00417
#3	.31374	.02031	.35934	.25368	4.5210	8.9277	.02360	.01198
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.966	4.2931	.57957	3.7759	.05089	F 14.73	.21251	2.8876
Stddev	.559	.0216	.00226	.0048	.00155	.12	.00393	.1216
%RSD	.79868	.50370	.39026	.12684	3.0500	.7913	1.8500	4.2127
#1	70.431	4.3007	.58020	3.7735	.05047	14.83	.21699	2.9741
#2	70.121	4.2688	.58144	3.7815	.05261	14.75	.20963	2.7485
#3	69.346	4.3100	.57706	3.7728	.04959	14.60	.21091	2.9403

Sample Name: J6558-12 Acquired: 1/8/2019 17:47:54 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.302
Stddev	.575
%RSD	3.5281

#1	16.916
#2	16.213
#3	15.776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3303.5	45773.	4328.5	82.360	3193.3
Stddev	35.3	56.	27.7	1.327	28.2
%RSD	1.0699	.12318	.63979	1.6117	.88228

#1	3282.7	45756.	4307.6	83.607	3170.7
#2	3283.4	45836.	4359.9	82.509	3184.4
#3	3344.3	45727.	4318.1	80.965	3224.9

Sample Name: J6558-12DLX10 Acquired: 1/8/2019 17:51:50 Type: Unk
Method: P4-ICP2(v2706) 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	.06538	-.00190	55.060	.00005	.50825	6.3359	.17551	.00044
Stddev	.00121	.00080	.364	.00100	.00178	.0833	.00054	.00003
%RSD	1.8518	42.386	.66051	1927.7	.35099	1.3153	.30917	7.3937

#1	.06483	-.00282	54.832	-.00109	.50619	6.2431	.17564	.00040
#2	.06677	-.00135	55.480	.00043	.50939	6.4044	.17491	.00045
#3	.06454	-.00153	54.870	.00081	.50916	6.3601	.17597	.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00500	14.390	.01363	.00543	.28088	15.611	.36721	5.4255
Stddev	.00003	.077	.00095	.00010	.00068	.275	.00434	.0507
%RSD	.58453	.53542	6.9528	1.9303	.24341	1.7623	1.1818	.93385

#1	.00501	14.315	.01328	.00551	.28016	15.672	.36419	5.3670
#2	.00502	14.386	.01471	.00547	.28097	15.310	.37218	5.4533
#3	.00496	14.469	.01291	.00531	.28152	15.850	.36525	5.4561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03072	.00193	-.17419	.02617	.43261	.88748	.00210	-.00776
Stddev	.00015	.00017	.00522	.00078	.00476	.01494	.00014	.00871
%RSD	.49016	8.6042	2.9988	2.9635	1.1014	1.6839	6.5122	112.25

#1	.03054	.00210	-.18008	.02681	.43417	.88933	.00196	-.00706
#2	.03082	.00194	-.17012	.02639	.42727	.87169	.00212	-.01679
#3	.03078	.00177	-.17236	.02531	.43640	.90141	.00223	.00058

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4179	.47493	.05179	.39165	.00354	1.371	.02322	3.6098
Stddev	.0426	.00651	.00036	.00183	.00087	.006	.00022	.1481
%RSD	.66308	1.3702	.70065	.46630	24.530	.4375	.95970	4.1023

#1	6.3935	.46987	.05158	.38956	.00450	1.371	.02315	3.5647
#2	6.4670	.48227	.05221	.39293	.00332	1.377	.02347	3.7752
#3	6.3931	.47264	.05157	.39246	.00280	1.365	.02305	3.4895

Sample Name: J6558-12DLX10 Acquired: 1/8/2019 17:51:50 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2299
Stddev	.5453
%RSD	16.882

#1	3.7424
#2	2.6569
#3	3.2905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3337.4	44405.	4109.3	86.761	3600.4
Stddev	16.2	525.	19.4	1.039	21.7
%RSD	.48537	1.1822	.47244	1.1979	.60135

#1	3350.2	44689.	4107.7	86.255	3606.2
#2	3319.2	43799.	4090.7	87.957	3576.5
#3	3342.8	44727.	4129.4	86.073	3618.6

Sample Name: J6558-13 Acquired: 1/8/2019 17:55:47 Type: Unk
Method: P4-ICP2(v2706) 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	.16279	-.00700	83.457	.00431	.35697	78.041	1.1136	.00512
Stddev	.00330	.00101	.287	.00223	.00099	1.551	.0070	.00011
%RSD	2.0243	14.487	.34429	51.632	.27763	1.9873	.63303	2.1003
#1	.16154	-.00681	83.130	.00687	.35657	76.322	1.1207	.00509
#2	.16652	-.00609	83.577	.00281	.35810	79.334	1.1066	.00523
#3	.16030	-.00809	83.666	.00326	.35625	78.468	1.1135	.00502
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02452	318.99	.30220	.03939	11.126	173.20	3.8085	84.702
Stddev	.00050	1.63	.00594	.00021	.034	2.17	.0749	.219
%RSD	2.0402	.51040	1.9670	.54377	.30342	1.2523	1.9664	.25813
#1	.02402	320.85	.29564	.03963	11.087	174.97	3.7248	84.926
#2	.02452	317.86	.30722	.03932	11.147	173.84	3.8691	84.489
#3	.02502	318.25	.30374	.03922	11.144	170.78	3.8317	84.690
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18491	.00389	1.1551	.26866	3.7724	7.1216	.02673	.03163
Stddev	.00098	.00047	.0045	.00481	.0459	.0476	.00017	.00439
%RSD	.52851	11.971	.39206	1.7907	1.2159	.66768	.62276	13.865
#1	.18382	.00426	1.1579	.26318	3.8106	7.1751	.02656	.03615
#2	.18572	.00406	1.1498	.27219	3.7849	7.0843	.02672	.02739
#3	.18518	.00337	1.1575	.27060	3.7215	7.1053	.02690	.03136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.789	6.7518	.70762	1.2059	.10160	8.981	.70636	3.2731
Stddev	.050	.0493	.00526	.0104	.00222	.032	.00449	.2712
%RSD	.42804	.72976	.74306	.86494	2.1845	.3506	.63629	8.2869
#1	11.732	6.7982	.70157	1.2173	.10095	8.945	.71097	2.9697
#2	11.804	6.7001	.71030	1.2034	.10408	9.001	.70199	3.4922
#3	11.830	6.7571	.71101	1.1969	.09978	8.998	.70613	3.3573

Sample Name: J6558-13 Acquired: 1/8/2019 17:55:47 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.518
Stddev	.396
%RSD	2.5539

#1	15.135
#2	15.927
#3	15.493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.9	44284.	4276.3	80.789	3081.1
Stddev	9.9	819.	32.8	1.233	7.8
%RSD	.30218	1.8501	.76780	1.5257	.25213

#1	3260.8	45189.	4238.5	79.763	3084.2
#2	3249.6	43593.	4297.7	80.447	3072.3
#3	3269.2	44070.	4292.7	82.156	3086.9

Sample Name: J6558-15 Acquired: 1/8/2019 17:59:35 Type: Unk
Method: P4-ICP2(v2706) 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	.04295	-.00043	7.7897	.00054	.09352	52.779	.27980	.00311
Stddev	.00164	.00079	.0637	.00220	.00138	.235	.00202	.00009
%RSD	3.8166	184.60	.81717	408.49	1.4718	.44481	.72316	2.9617

#1	.04269	-.00134	7.7819	.00278	.09236	52.562	.28037	.00311
#2	.04145	.00009	7.8569	-.00161	.09504	53.028	.28148	.00320
#3	.04470	-.00003	7.7303	.00043	.09314	52.746	.27756	.00301

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	4.7561	.14171	.03455	.05885	114.17	.82934	10.611
Stddev	.00013	.0142	.00061	.00020	.00071	1.80	.00271	.071
%RSD	6.8738	.29831	.43269	.59031	1.2007	1.5779	.32630	.66893

#1	-.00186	4.7479	.14235	.03444	.05937	113.43	.82631	10.627
#2	-.00211	4.7478	.14112	.03479	.05805	116.22	.83018	10.534
#3	-.00190	4.7724	.14165	.03443	.05913	112.85	.83152	10.673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08676	-.00585	-.15995	.12950	.29226	2.7506	.00331	-.02394
Stddev	.00058	.00003	.00271	.00034	.00519	.0077	.00022	.00317
%RSD	.67072	.59118	1.6940	.26603	1.7748	.28093	6.7010	13.223

#1	.08707	-.00585	-.16303	.12911	.29084	2.7419	.00327	-.02654
#2	.08713	-.00581	-.15890	.12977	.29801	2.7567	.00312	-.02042
#3	.08609	-.00588	-.15793	.12961	.28794	2.7532	.00355	-.02485

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3912	3.0210	.00554	.41078	.06069	2.346	-.09170	2.3455
Stddev	.0028	.0225	.00023	.00088	.00208	.011	.00199	.0053
%RSD	.19885	.74326	4.0671	.21537	3.4262	.4851	2.1704	.22557

#1	1.3888	3.0463	.00528	.40985	.06140	2.339	-.09104	2.3403
#2	1.3905	3.0135	.00566	.41161	.05835	2.359	-.09393	2.3509
#3	1.3942	3.0033	.00567	.41087	.06232	2.340	-.09011	2.3452

Sample Name: J6558-15 Acquired: 1/8/2019 17:59:35 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 15.607
 Stddev .508
 %RSD 3.2568

#1 15.743
 #2 15.045
 #3 16.034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.9	47284.	4356.1	85.706	3525.7
Stddev	18.2	113.	32.4	1.317	21.6
%RSD	.51340	.23902	.74413	1.5372	.61349

#1	3526.9	47378.	4329.2	86.067	3531.0
#2	3523.9	47158.	4347.0	84.246	3501.9
#3	3556.8	47315.	4392.1	86.806	3544.2

Sample Name: J6558-16 Acquired: 1/8/2019 18:03:34 Type: Unk
Method: P4-ICP2(v2706) 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	.18333	-.00363	116.58	.00505	.54935	50.176	.66940	.00401
Stddev	.00340	.00131	.67	.00339	.00583	.037	.00268	.00005
%RSD	1.8557	35.984	.57457	67.204	1.0612	.07420	.39974	1.1478
#1	.18020	-.00292	115.89	.00569	.54267	50.213	.66940	.00397
#2	.18285	-.00514	117.22	.00138	.55194	50.138	.66673	.00406
#3	.18695	-.00284	116.64	.00808	.55344	50.175	.67208	.00400
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01735	64.144	.13463	.02885	1.5595	130.58	2.3718	14.443
Stddev	.00041	.407	.00091	.00047	.0161	2.75	.0115	.067
%RSD	2.3397	.63379	.67371	1.6120	1.0345	2.1096	.48565	.46521
#1	.01694	64.505	.13542	.02833	1.5440	133.21	2.3731	14.511
#2	.01775	63.703	.13364	.02922	1.5582	127.71	2.3597	14.377
#3	.01736	64.224	.13484	.02900	1.5762	130.82	2.3826	14.441
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14677	-.00016	.19536	.17273	1.7970	3.6976	.02445	-.00078
Stddev	.00154	.00012	.00624	.00098	.0350	.0208	.00058	.00644
%RSD	1.0491	72.685	3.1937	.56731	1.9495	.56348	2.3519	829.03
#1	.14500	-.00010	.20250	.17353	1.8238	3.7134	.02421	.00544
#2	.14771	-.00008	.19095	.17164	1.7573	3.7053	.02403	-.00035
#3	.14761	-.00029	.19263	.17303	1.8098	3.6740	.02510	-.00742
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.616	6.2778	.36580	.56010	.04818	8.460	.09652	2.8021
Stddev	.128	.0545	.00320	.00352	.00119	.026	.00230	.0575
%RSD	.48003	.86770	.87551	.62763	2.4703	.3122	2.3810	2.0501
#1	26.482	6.2963	.36255	.55824	.04899	8.448	.09437	2.8262
#2	26.737	6.2166	.36895	.56415	.04681	8.490	.09894	2.7366
#3	26.628	6.3207	.36590	.55790	.04874	8.442	.09626	2.8436

Sample Name: J6558-16 Acquired: 1/8/2019 18:03:34 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.035
Stddev	.487
%RSD	2.8605

#1	16.476
#2	17.256
#3	17.372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.2	45889.	4321.6	86.114	3409.4
Stddev	24.7	215.	30.8	1.749	14.4
%RSD	.72777	.46867	.71283	2.0315	.42238

#1	3419.9	45839.	4319.4	84.656	3422.5
#2	3398.2	46125.	4353.5	88.053	3394.0
#3	3370.5	45703.	4292.0	85.631	3411.6

Sample Name: CCV06 Acquired: 1/8/2019 18:07:25 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9200	4.6985	4.8415	4.8756	4.9598	10.246	9.7755	.24618
Stddev	.0090	.0134	.0166	.0217	.0089	.330	.0282	.00810
%RSD	.18228	.28499	.34243	.44587	.17850	3.2219	.28809	3.2886
#1	4.9181	4.7009	4.8405	4.8801	4.9584	9.9825	9.7717	.23942
#2	4.9297	4.7106	4.8586	4.8948	4.9693	10.616	9.8054	.25516
#3	4.9121	4.6841	4.8255	4.8520	4.9517	10.139	9.7494	.24398
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3108	25.154	1.0027	2.3384	1.2216	4.6256	2.4491	23.212
Stddev	.0061	.186	.0346	.0076	.0029	.0203	.0848	.089
%RSD	.26327	.74077	3.4486	.32648	.23750	.43867	3.4636	.38344
#1	2.3080	25.351	.97301	2.3376	1.2214	4.6489	2.3767	23.112
#2	2.3178	25.129	1.0407	2.3464	1.2246	4.6117	2.5424	23.242
#3	2.3067	24.981	.99445	2.3312	1.2189	4.6162	2.4280	23.282
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3287	1.1859	23.778	2.3620	2.3016	23.917	4.7719	4.8813
Stddev	.0069	.0401	.060	.0836	.0222	.060	.0091	.0073
%RSD	.29691	3.3836	.25385	3.5384	.96344	.25211	.19061	.14903
#1	2.3258	1.1537	23.764	2.2902	2.3260	23.970	4.7726	4.8740
#2	2.3366	1.2308	23.844	2.4537	2.2964	23.930	4.7806	4.8885
#3	2.3238	1.1731	23.725	2.3420	2.2826	23.852	4.7625	4.8813
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6741	4.6665	4.5821	4.7582	5.0583	4.721	5.1759	F 4.4493
Stddev	.0217	.0375	.0040	.0065	.0187	.013	.0237	.3816
%RSD	.46334	.80383	.08683	.13743	.36864	.2642	.45825	8.5772
#1	4.6693	4.6730	4.5790	4.7526	5.0631	4.728	5.1999	4.1458
#2	4.6977	4.7003	4.5866	4.7566	5.0742	4.727	5.1753	4.8778
#3	4.6552	4.6261	4.5808	4.7654	5.0378	4.706	5.1524	4.3244

Sample Name: CCV06 Acquired: 1/8/2019 18:07:25 Type: Unk
 Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7895
 Stddev .2688
 %RSD 9.6352

#1 2.6511
 #2 3.0993
 #3 2.6181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.7	42355.	3985.0	82.635	3310.9
Stddev	14.3	1313.	25.1	.901	15.4
%RSD	.44144	3.1002	.62912	1.0904	.46618

#1	3231.6	43429.	3964.6	81.667	3303.5
#2	3231.3	40891.	3977.4	82.788	3300.6
#3	3256.2	42746.	4013.0	83.450	3328.7

Sample Name: CCB06 Acquired: 1/8/2019 18:41:33 Type: Unk
Method: P4-ICP2(v2706) 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	-.00106	-.00021	F .00583	-.00128	-.00121	.01349	.00120	-.00002
Stddev	.00124	.00129	.00141	.00200	.00083	.00824	.00043	.00002
%RSD	116.76	608.21	24.236	156.22	68.791	61.082	35.317	83.725
#1	-.00039	.00047	.00722	-.00352	-.00207	.01339	.00168	-.00004
#2	-.00030	.00060	.00588	.00032	-.00040	.02177	.00087	-.00002
#3	-.00249	-.00171	.00440	-.00064	-.00117	.00530	.00106	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00196	.00001	.00005	-.00041	.00084	.00000	-.02488
Stddev	.00002	.01479	.00030	.00025	.00009	.00562	.00004	.02574
%RSD	18.266	753.47	4262.6	506.29	21.799	667.01	1325.1	103.45
#1	.00009	-.01511	-.00033	.00019	-.00051	-.00560	.00003	-.01420
#2	.00009	.01020	.00011	-.00024	-.00039	.00474	-.00004	-.00620
#3	.00012	.01080	.00024	.00020	-.00033	.00338	.00002	-.05425
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	.00042	-.25884	-.00032	-.00046	-.06218	-.00018	-.00621
Stddev	.00032	.00021	.00444	.00018	.00006	.01683	.00007	.00813
%RSD	31.397	49.065	1.7168	56.837	12.401	27.067	42.441	130.85
#1	.00065	.00065	-.25695	-.00052	-.00050	-.04330	-.00023	-.00650
#2	.00115	.00026	-.26392	-.00027	-.00039	-.06764	-.00020	-.01419
#3	.00124	.00034	-.25566	-.00017	-.00047	-.07560	-.00009	.00206
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	.00315	-.00256	.00694	-.00139	.0006	-.00007	F 3.0777
Stddev	.00133	.00133	.00049	.00094	.00075	.0005	.00008	.1480
%RSD	38.239	42.095	19.005	13.547	53.809	85.51	104.69	4.8079
#1	-.00222	.00244	-.00304	.00801	-.00109	.0012	-.00015	2.9656
#2	-.00334	.00233	-.00258	.00652	-.00224	.0006	-.00000	3.2454
#3	-.00487	.00468	-.00207	.00627	-.00084	.0001	-.00006	3.0220

Sample Name: CCB06 Acquired: 1/8/2019 18:41:33 Type: Unk
Method: P4-ICP2(v2706) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .98293
Stddev	.27005
%RSD	27.474

#1	.67361
#2	1.1717
#3	1.1034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3455.8	45873.	4044.3	86.769	3786.4
Stddev	10.8	116.	39.5	.423	14.8
%RSD	.31223	.25275	.97727	.48701	.39134

#1	3446.5	45787.	4002.8	86.286	3778.2
#2	3453.3	45827.	4048.7	87.073	3777.6
#3	3467.6	46005.	4081.5	86.948	3803.5