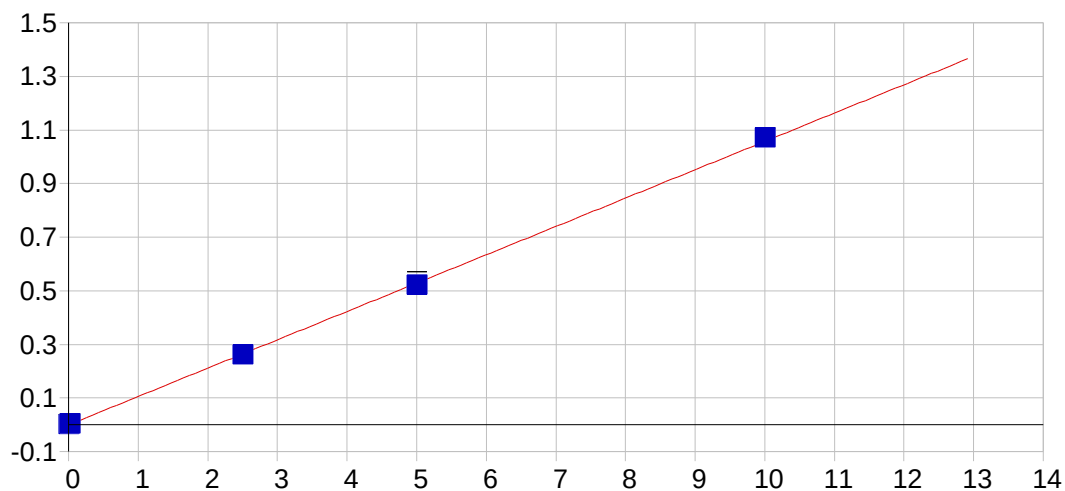


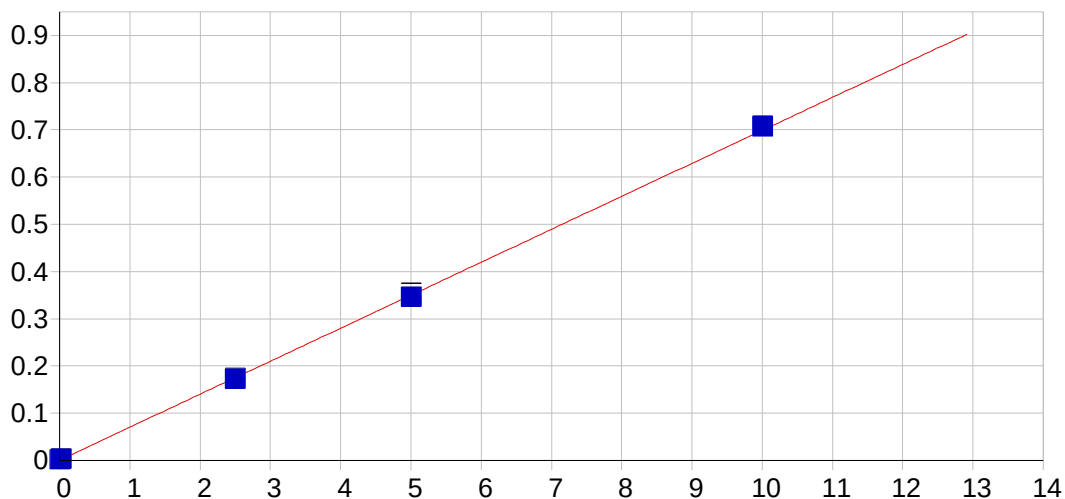


As 189.042 {478}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.105753 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002556
 Predicted MQL: 0.008519

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.02000	.01888	-.001	-5.60	.00172	.000	1
S3	2.5000	2.4564	-.044	-1.75	.25947	.001	1
S4	5.0000	4.9324	-.068	-1.35	.52130	.012	1
S5	10.000	10.112	.112	1.12	1.0691	.001	1



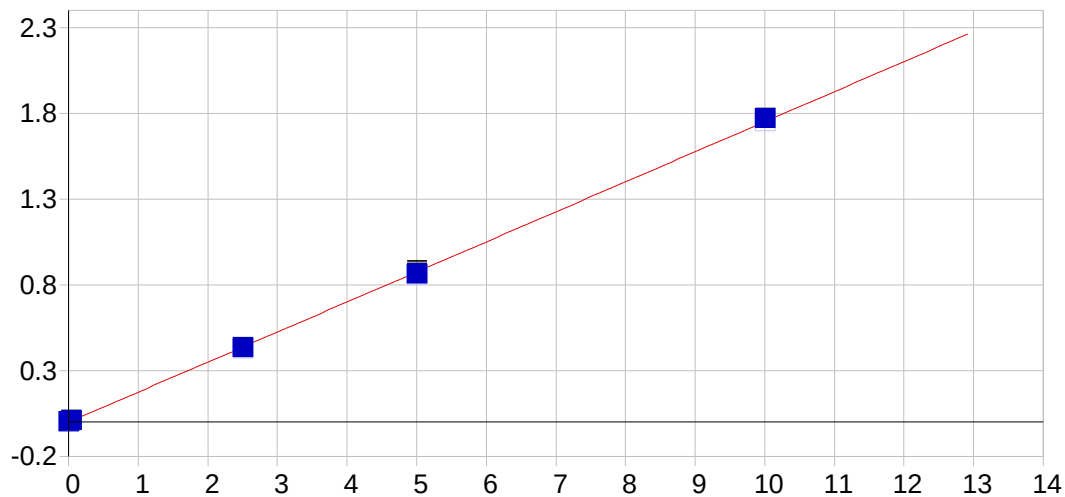
As 189.042 {479}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000760 Re-Slope: 1.000000

A1 (Gain): 0.069821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002456
 Predicted MQL: 0.008188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.02000	.01965	-.000	-1.77	.00213	.000	1
S3	2.5000	2.4560	-.044	-1.76	.17224	.001	1
S4	5.0000	4.9376	-.062	-1.25	.34551	.009	1
S5	10.000	10.107	.107	1.07	.70644	.001	1

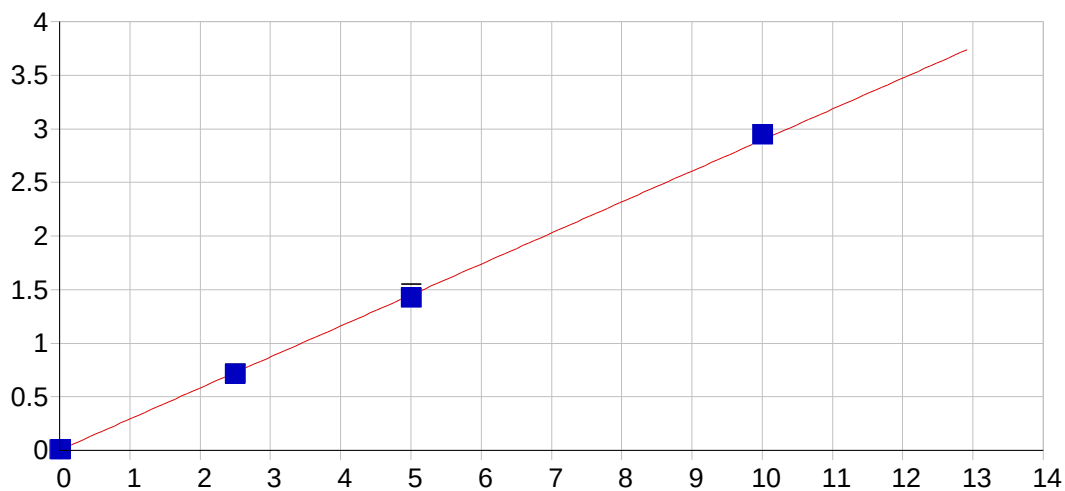


TI 190.856 {477}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.175131 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001140
 Predicted MQL: 0.003801

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.04000	.04206	.002	5.15	.00709	.000	1
S3	2.5000	2.4693	-.031	-1.23	.42786	.001	1
S4	5.0000	4.9335	-.067	-1.33	.85492	.019	1
S5	10.000	10.095	.095	.952	1.7499	.002	1

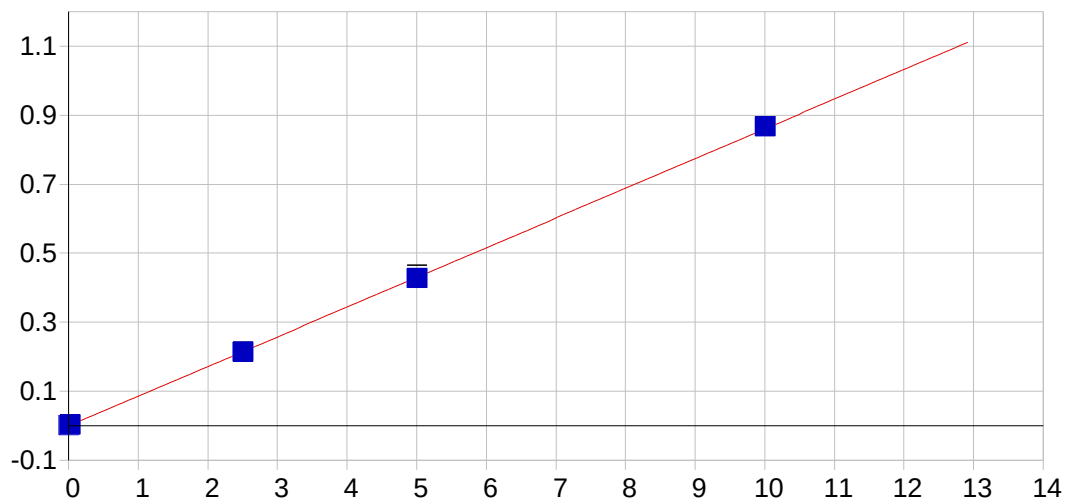


Pb 220.353 {453}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003799 Re-Slope: 1.000000
 A1 (Gain): 0.289097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.001000
 Predicted MQL: 0.003334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00380	.000	1
S1	.01200	.01159	-.000	-3.38	.00709	.000	1
S3	2.5000	2.4424	-.058	-2.30	.70891	.001	1
S4	5.0000	4.8987	-.101	-2.03	1.4180	.038	1
S5	10.000	10.159	.159	1.59	2.9369	.000	1



Se 196.090 {472}

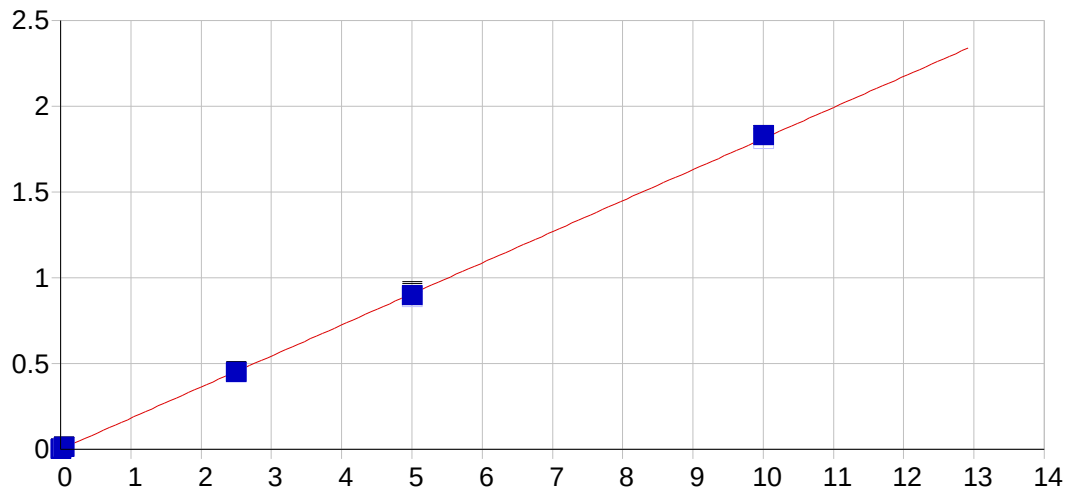
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000634 Re-Slope: 1.000000
 A1 (Gain): 0.086105 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000016
 Predicted MDL: 0.002790
 Predicted MQL: 0.009301

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00063	.000	1
S1	.02000	.02156	.002	7.81	.00122	.000	1
S3	2.5000	2.4810	-.019	-.761	.21294	.001	1
S4	5.0000	4.9551	-.045	-.898	.42593	.010	1
S5	10.000	10.062	.062	.624	.86560	.001	1



Sb 206.833 {463}

Date of Fit: 6/13/2019 16:39:07

Type of Fit: Linear

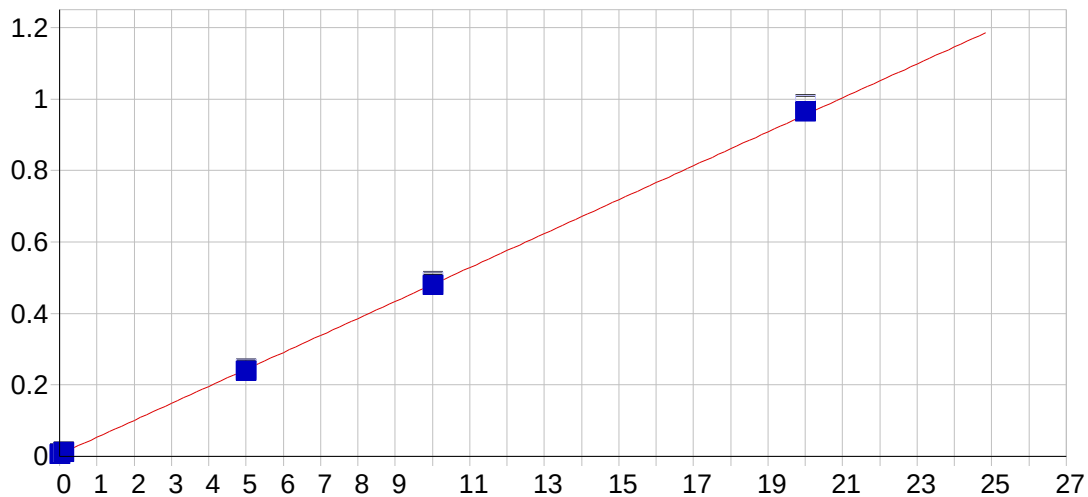
Weighting: 1/Conc

A0 (Offset): 0.000833
 A1 (Gain): 0.181078
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000077
 Predicted MDL: 0.001647
 Predicted MQL: 0.005490

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	.00083	.000	1
S1	.05000	.05373	.004	7.46	.01034	.000	1
S3	2.5000	2.4731	-.027	-1.08	.44356	.001	1
S4	5.0000	4.9355	-.065	-1.29	.88436	.023	1
S5	10.000	10.088	.088	.878	1.8072	.001	1

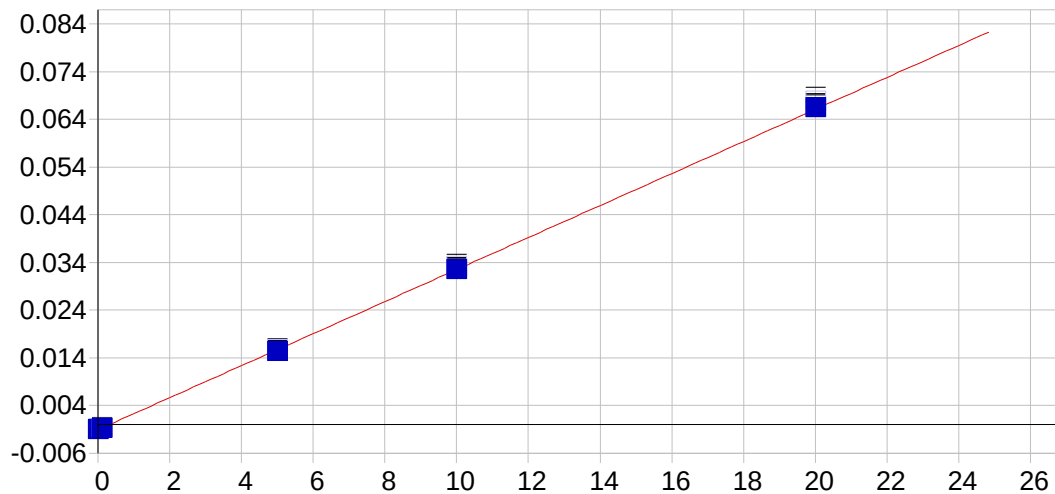


AI 308.215 {109}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005848 Re-Slope: 1.000000
 A1 (Gain): 0.047498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002516
 Predicted MQL: 0.008388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00585	.000	1
S1	.10000	.11157	.012	11.6	.01148	.000	1
S3	5.0000	4.9024	-.098	-1.95	.24343	.000	1
S4	10.000	9.9372	-.063	-.628	.48731	.001	1
S5	20.000	20.148	.148	.741	.98177	.001	1



AI 309.271 {109}

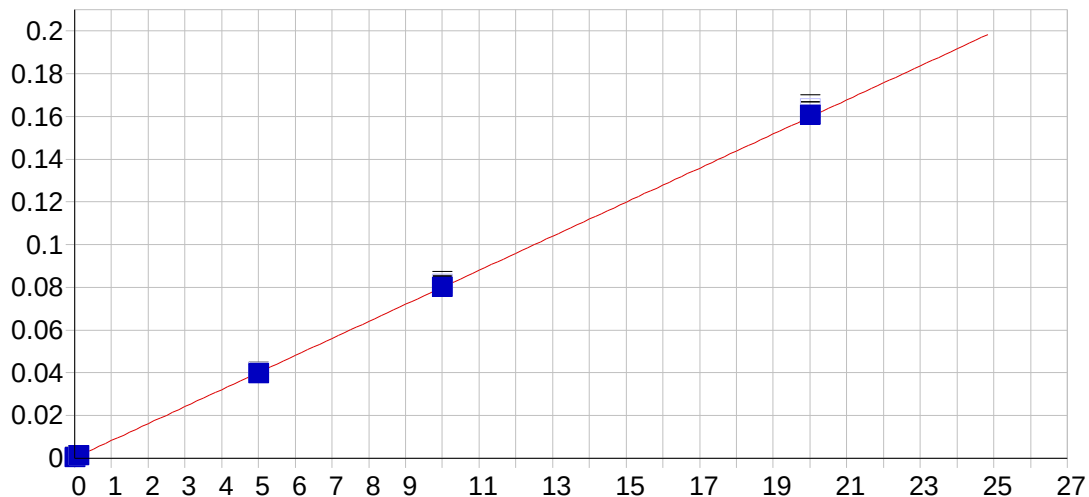
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001051 Re-Slope: 1.000000
 A1 (Gain): 0.003357 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000003
 Predicted MDL: 0.026645
 Predicted MQL: 0.088817

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00105	.000	1
S1	.10000	.09417	-.006	-5.83	-.00071	.000	1
S3	5.0000	4.8856	-.114	-2.29	.01568	.000	1
S4	10.000	10.003	.003	.032	.03320	.000	1
S5	20.000	20.117	.117	.586	.06782	.001	1

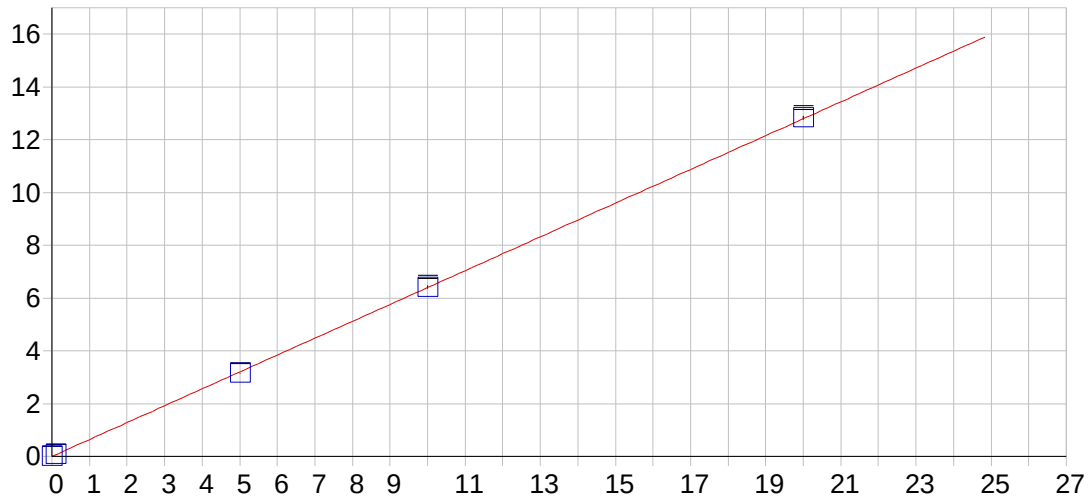


AI 396.152 { 85}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000286 Re-Slope: 1.000000
 A1 (Gain): 0.007974 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.014966
 Predicted MQL: 0.049885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00029	.000	1
S1	.10000	.11896	.019	19.0	.00129	.000	1
S3	5.0000	4.9083	-.092	-1.83	.04022	.000	1
S4	10.000	9.9772	-.023	-.228	.08143	.001	1
S5	20.000	20.095	.095	.473	.16370	.002	1

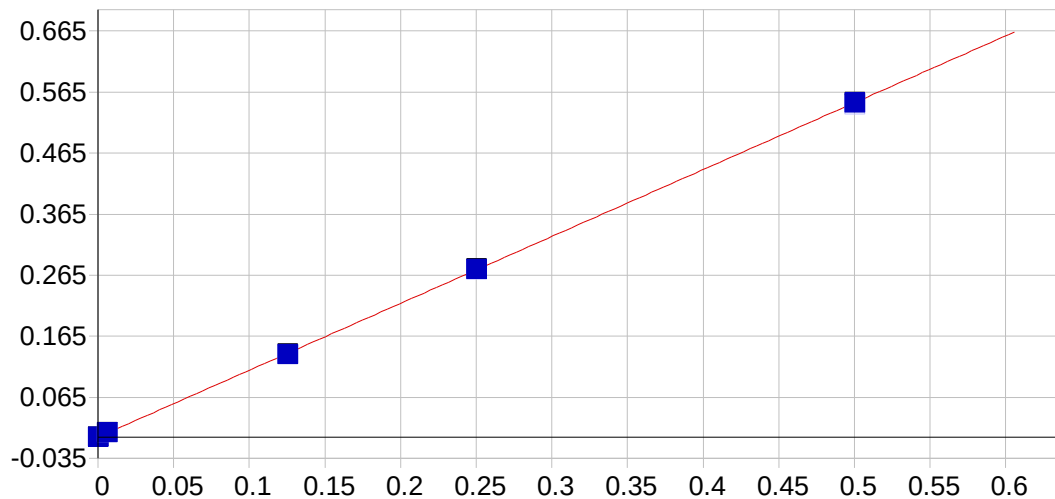


Ba 493.409 { 68}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001091 Re-Slope: 1.000000
 A1 (Gain): 0.639694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000401
 Predicted MDL: 0.000481
 Predicted MQL: 0.001604

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00109	.000	1
S1	.10000	.10779	.008	7.79	.07004	.001	1
S3	5.0000	4.9123	-.088	-1.75	3.1435	.008	1
S5	20.000	20.059	.059	.293	12.832	.069	1
S4	10.000	10.021	.021	.214	6.4117	.067	1



Be 234.861 {144}

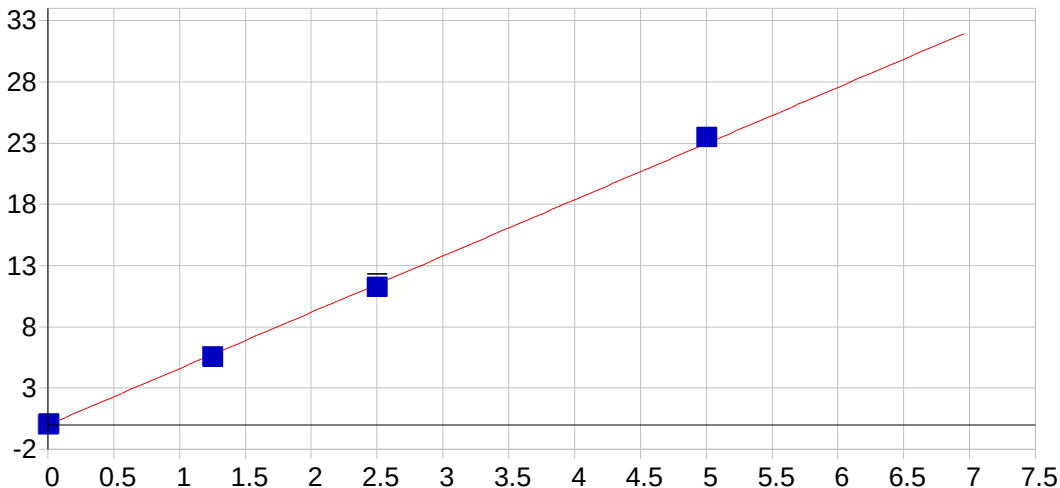
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000278 Re-Slope: 1.000000
 A1 (Gain): 1.095807 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000029
 Predicted MDL: 0.000071
 Predicted MQL: 0.000237

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.00600	.00655	.001	9.13	.00683	.000	1
S3	.12500	.12368	-.001	-1.06	.13439	.000	1
S4	.25000	.25097	.001	.386	.27301	.000	1
S5	.50000	.49981	-.000	-.038	.54397	.000	1



Cd 226.502 {449}

Date of Fit: 6/13/2019 16:39:07

Type of Fit: Linear

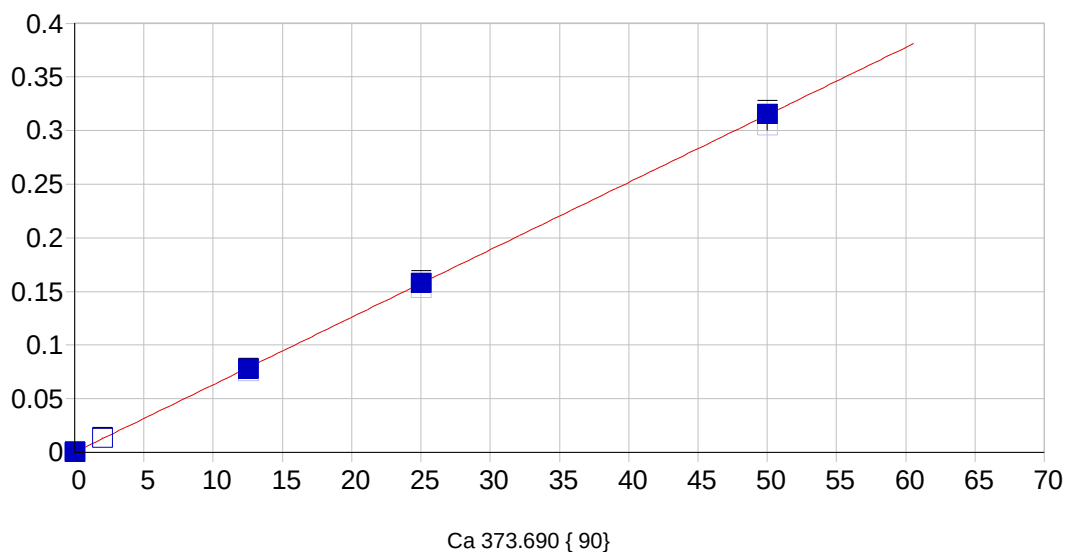
Weighting: 1/Conc

A0 (Offset): -0.004497
 A1 (Gain): 4.592313
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706
 Std Error of Est: 0.001042
 Predicted MDL: 0.000081
 Predicted MQL: 0.000269

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

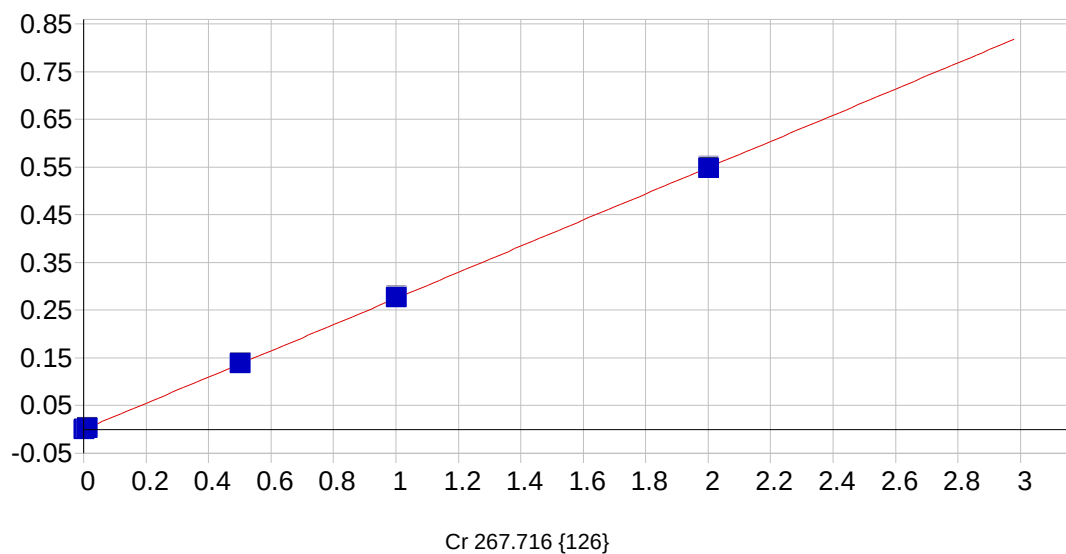
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00450	.000	1
S1	.00600	.00599	-.000	-.247	.02304	.000	1
S3	1.2500	1.2021	-.048	-3.83	5.5172	.002	1
S4	2.5000	2.4451	-.055	-2.19	11.227	.277	1
S5	5.0000	5.1028	.103	2.06	23.434	.033	1



Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.006290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.013579
 Predicted MQL: 0.045265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0986	.099	4.93	.01338	.000	1
S0	.00000	-.00008	-.000	.000	.00018	.000	1
S3	12.500	12.332	-.168	-1.34	.07513	.000	1
S4	25.000	25.042	.042	.169	.15246	.002	1
S5	50.000	50.023	.023	.047	.30436	.004	1



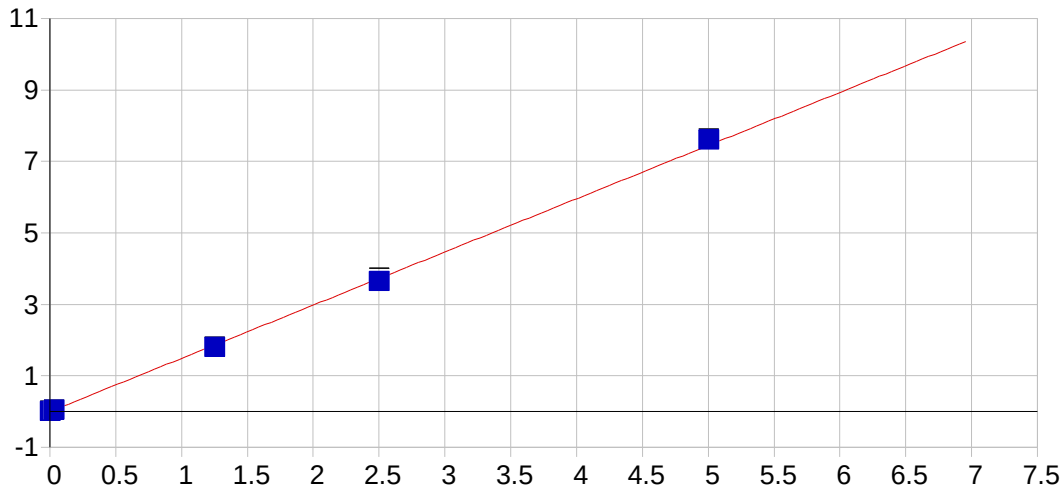
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.274551 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000013
 Predicted MDL: 0.000387
 Predicted MQL: 0.001291

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01052	.001	5.17	.00296	.000	1
S3	.50000	.50121	.001	.243	.13874	.000	1
S4	1.0000	1.0074	.007	.741	.27880	.000	1
S5	2.0000	1.9909	-.009	-.457	.55097	.001	1

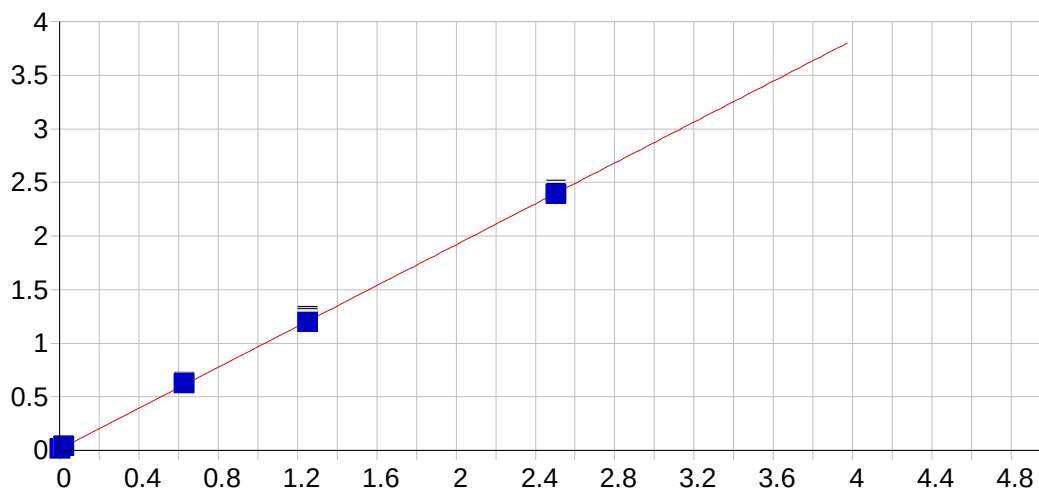


Co 228.616 {447}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000049 Re-Slope: 1.000000
 A1 (Gain): 1.488819 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999692 Status: OK.
 Std Error of Est: 0.000774
 Predicted MDL: 0.000211
 Predicted MQL: 0.000704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.03000	.02951	-.000	-1.63	.04368	.000	1
S3	1.2500	1.2051	-.045	-3.59	1.7957	.001	1
S4	2.5000	2.4385	-.061	-2.46	3.6335	.091	1
S5	5.0000	5.1068	.107	2.14	7.6090	.016	1

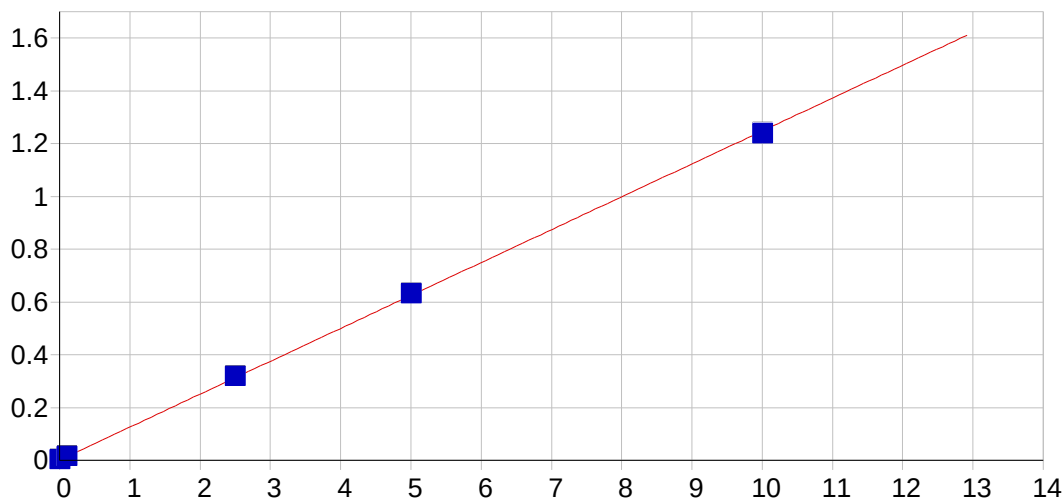


Cu 224.700 {450}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011911 Re-Slope: 1.000000
 A1 (Gain): 0.953537 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.000379
 Predicted MQL: 0.001264

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01191	.000	1
S1	.02000	.02303	.003	15.1	.03416	.000	1
S3	.62500	.63581	.011	1.73	.62781	.002	1
S4	1.2500	1.2425	-.007	-.599	1.2160	.033	1
S5	2.5000	2.4936	-.006	-.254	2.4282	.004	1



Fe 240.488 {140}

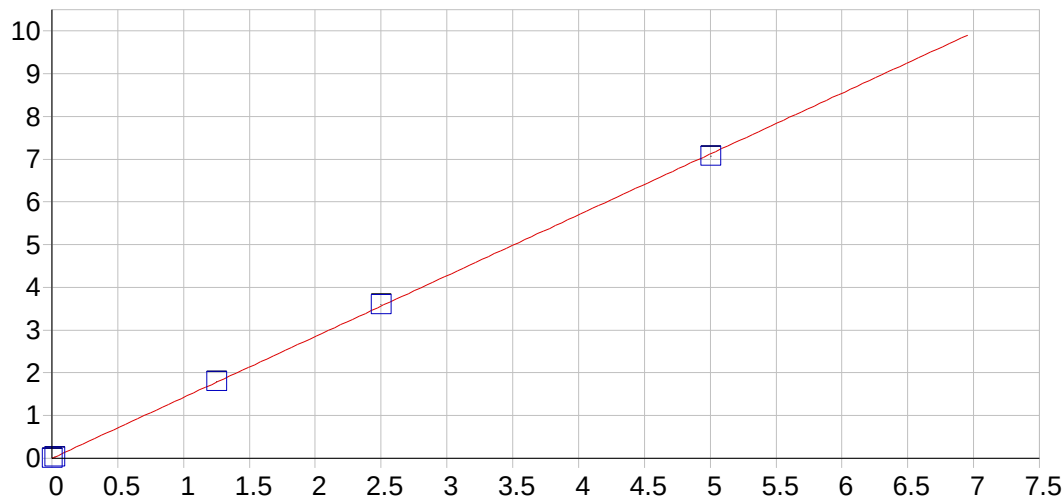
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001352 Re-Slope: 1.000000
 A1 (Gain): 0.124636 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000078
 Predicted MDL: 0.000667
 Predicted MQL: 0.002223

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00135	.000	1
S1	.10000	.10985	.010	9.85	.01510	.000	1
S3	2.5000	2.5298	.030	1.19	.31782	.001	1
S4	5.0000	5.0420	.042	.841	.63210	.001	1
S5	10.000	9.9183	-.082	-.817	1.2422	.001	1



Mn 257.610 {131}

Date of Fit: 6/13/2019 16:39:07

Type of Fit: Linear

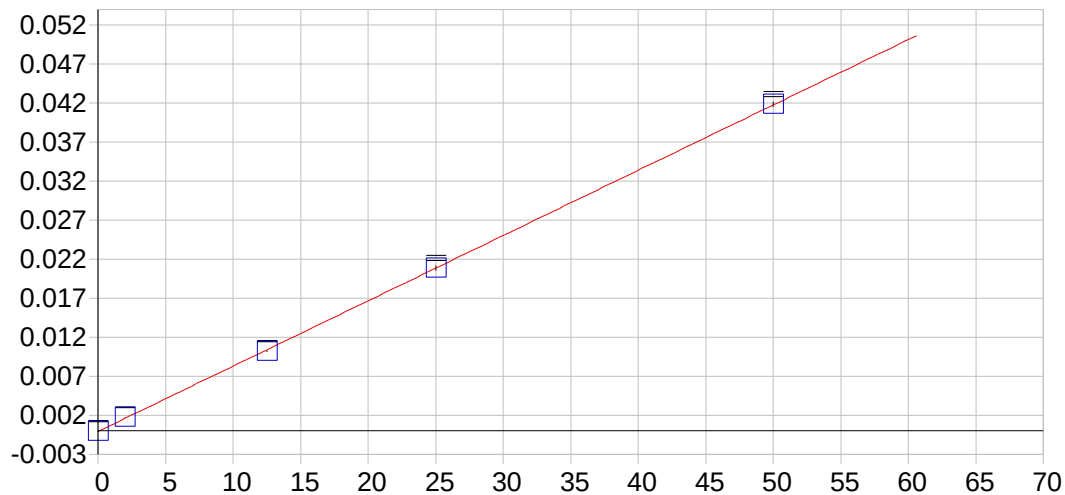
Weighting: 1/Conc

A0 (Offset): 0.000255
 A1 (Gain): 1.424384
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000266
 Predicted MDL: 0.000065
 Predicted MQL: 0.000216

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.02000	.02284	.003	14.2	.03279	.000	1
S3	1.2500	1.2606	.011	.846	1.7958	.003	1
S4	2.5000	2.5253	.025	1.01	3.5972	.007	1
S5	5.0000	4.9613	-.039	-.774	7.0671	.004	1

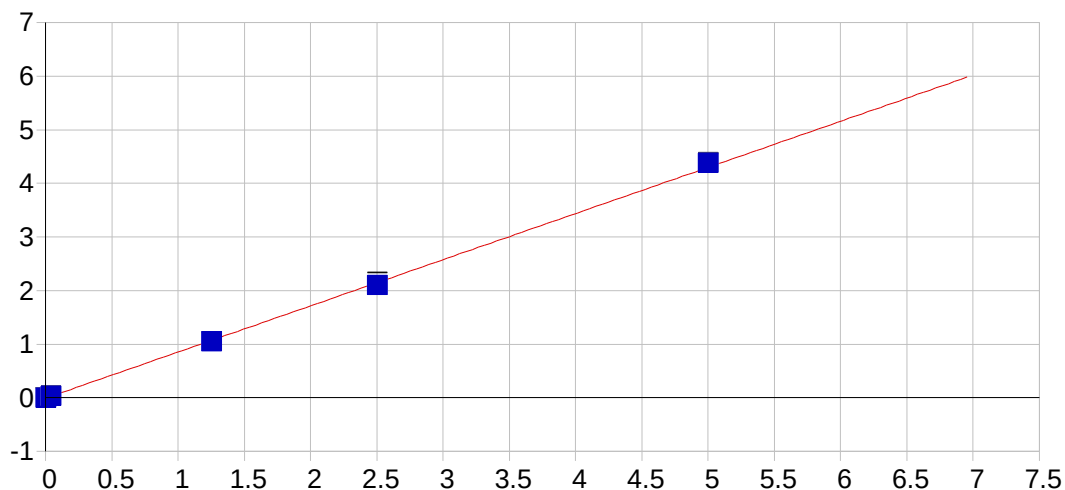


Mg 279.079 {121}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.000837 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.049115
 Predicted MQL: 0.163717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1614	.161	8.07	.00175	.000	1
S0	.00000	-.00013	-.000	.000	-.00006	.000	1
S3	12.500	12.257	-.243	-1.94	.01019	.000	1
S4	25.000	24.995	-.005	-.019	.02085	.000	1
S5	50.000	50.086	.086	.172	.04185	.000	1



Ni 231.604 {445}

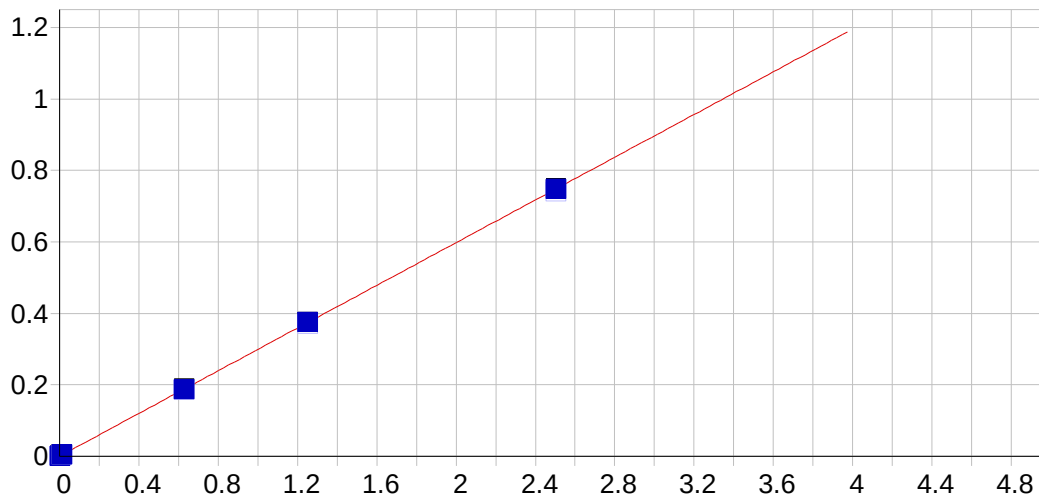
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008902 Re-Slope: 1.000000
 A1 (Gain): 0.861203 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797
 Std Error of Est: 0.000421
 Predicted MDL: 0.000390
 Predicted MQL: 0.001301

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00890	.000	1
S1	.04000	.04091	.001	2.26	.02634	.000	1
S3	1.2500	1.2211	-.029	-2.31	1.0439	.001	1
S4	2.5000	2.4411	-.059	-2.35	2.0958	.051	1
S5	5.0000	5.0869	.087	1.74	4.3766	.010	1



Ag 328.068 {103}

Date of Fit: 6/13/2019 16:39:07

Type of Fit: Linear

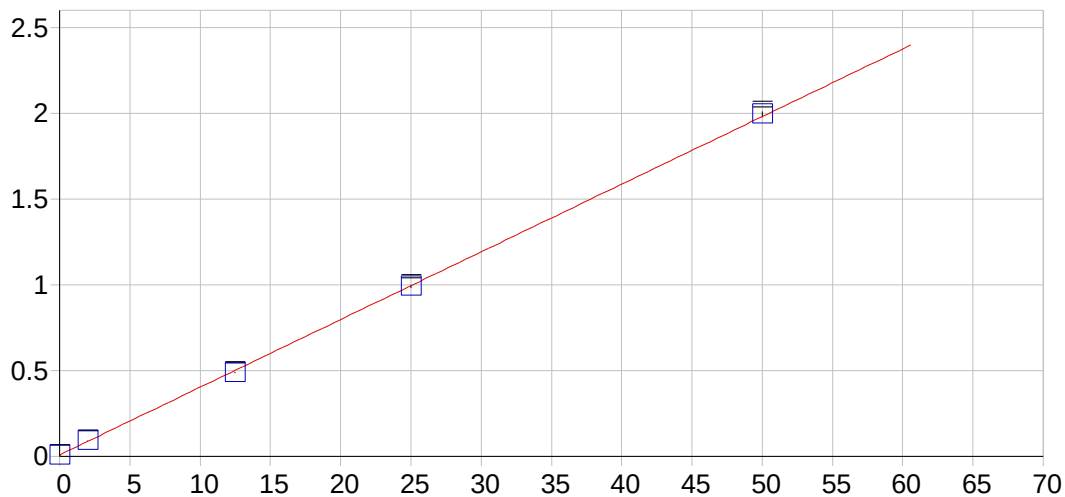
Weighting: 1/Conc

A0 (Offset): 0.000442
 A1 (Gain): 0.298712
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000013
 Predicted MDL: 0.000535
 Predicted MQL: 0.001783

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	.00044	.000	1
S1	.01000	.01105	.001	10.5	.00368	.000	1
S3	.62500	.62292	-.002	-.332	.18439	.001	1
S4	1.2500	1.2501	.000	.011	.36962	.001	1
S5	2.5000	2.5009	.001	.036	.73899	.001	1

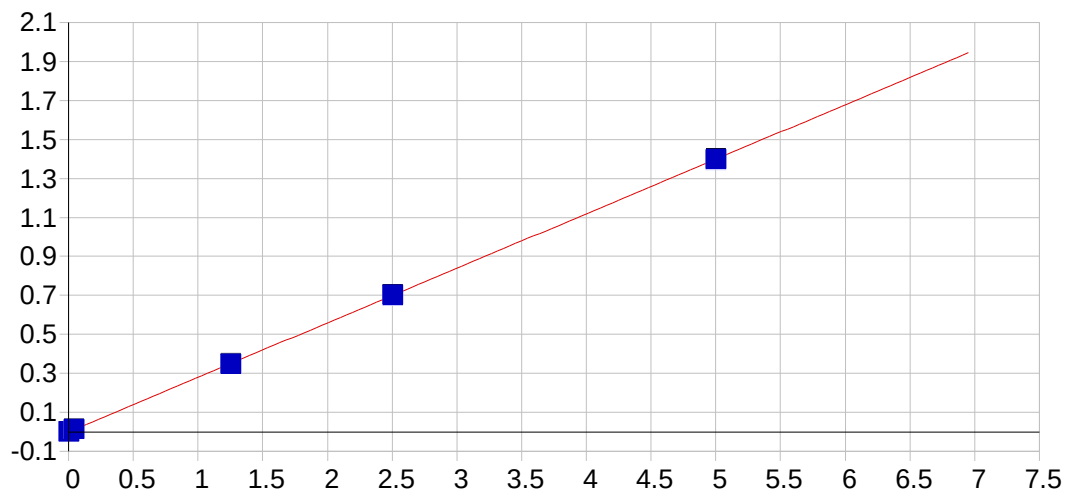


Na 589.592 { 57}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008892 Re-Slope: 1.000000
 A1 (Gain): 0.039436 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000294
 Predicted MDL: 0.007112
 Predicted MQL: 0.023707

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1010	.101	5.05	.09175	.000	1
S0	.00000	-.00005	-.000	.000	.00889	.000	1
S3	12.500	12.168	-.332	-2.66	.48874	.002	1
S4	25.000	24.893	-.107	-.427	.99058	.010	1
S5	50.000	50.338	.338	.676	1.9940	.018	1



V 292.402 {115}

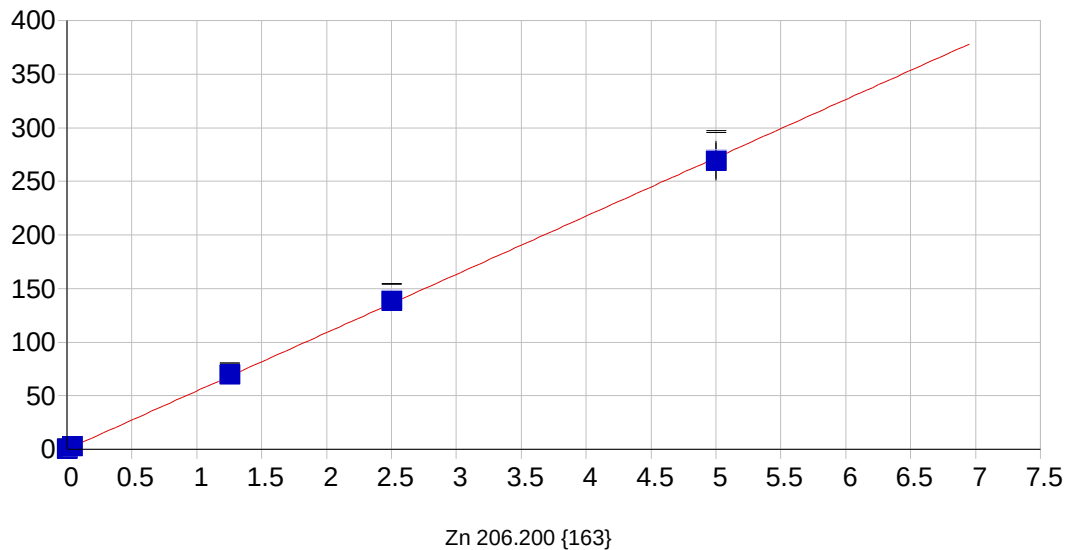
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.279728 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990
 Std Error of Est: 0.000030
 Predicted MDL: 0.000441
 Predicted MQL: 0.001470

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.04000	.04219	.002	5.47	.01143	.000	1
S3	1.2500	1.2426	-.007	-.595	.34510	.002	1
S4	2.5000	2.5036	.004	.146	.69557	.000	1
S5	5.0000	5.0016	.002	.032	1.3898	.001	1



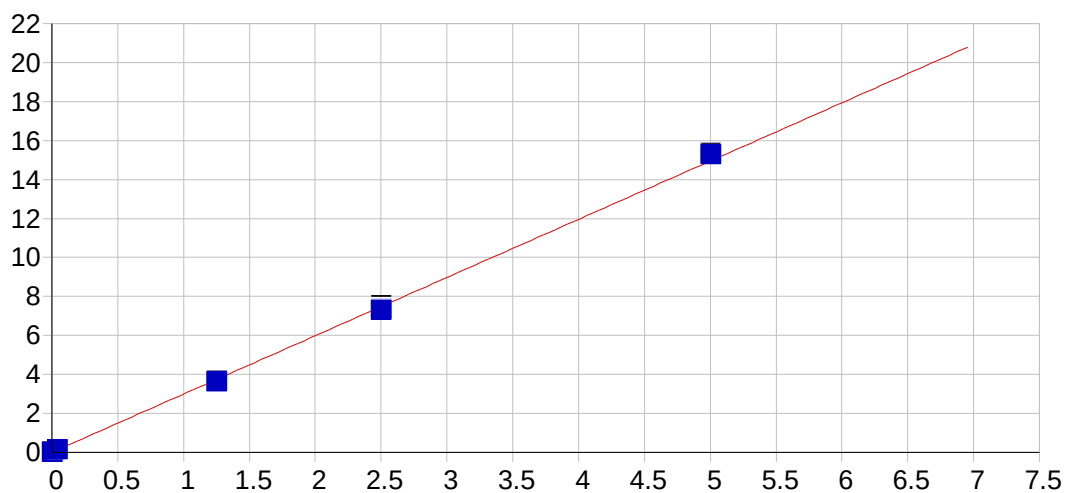
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.113325
 A1 (Gain): 54.369947
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883
 Std Error of Est: 0.020281
 Predicted MDL: 0.000413
 Predicted MQL: 0.001377

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	.11310	.024	1
S1	.04000	.04326	.003	8.15	2.4797	.058	1
S3	1.2500	1.2711	.021	1.69	69.637	1.22	1
S4	2.5000	2.5399	.040	1.60	139.03	6.02	1
S5	5.0000	4.9357	-.064	-1.29	270.11	17.5	1

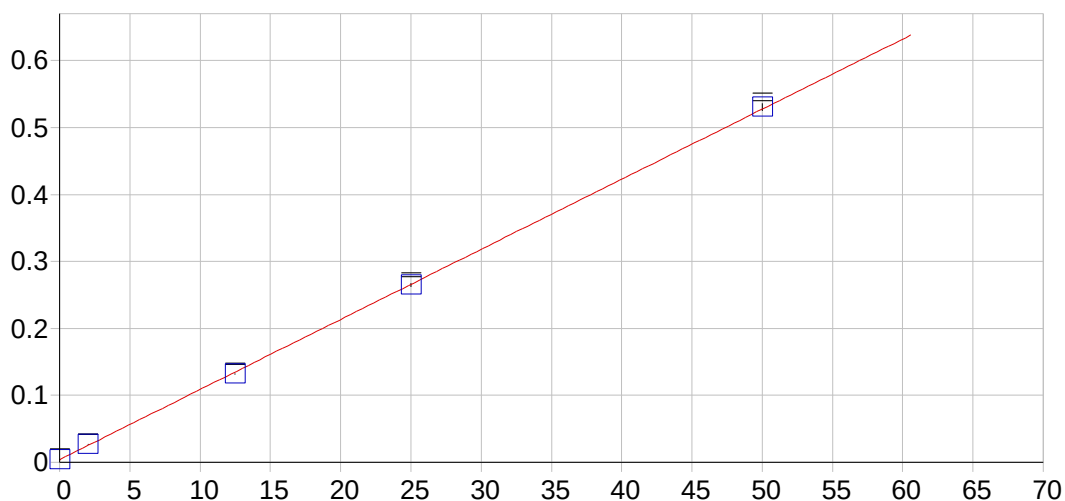


Zn 213.856 {458}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005956 Re-Slope: 1.000000
 A1 (Gain): 2.988660 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999715 Status: OK.
 Std Error of Est: 0.001738
 Predicted MDL: 0.000089
 Predicted MQL: 0.000298

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00596	.000	1
S1	.04000	.03941	-.001	-1.48	.12457	.000	1
S3	1.2500	1.2071	-.043	-3.43	3.6374	.006	1
S4	2.5000	2.4399	-.060	-2.41	7.3456	.183	1
S5	5.0000	5.1036	.104	2.07	15.354	.028	1



K 766.490 {44}

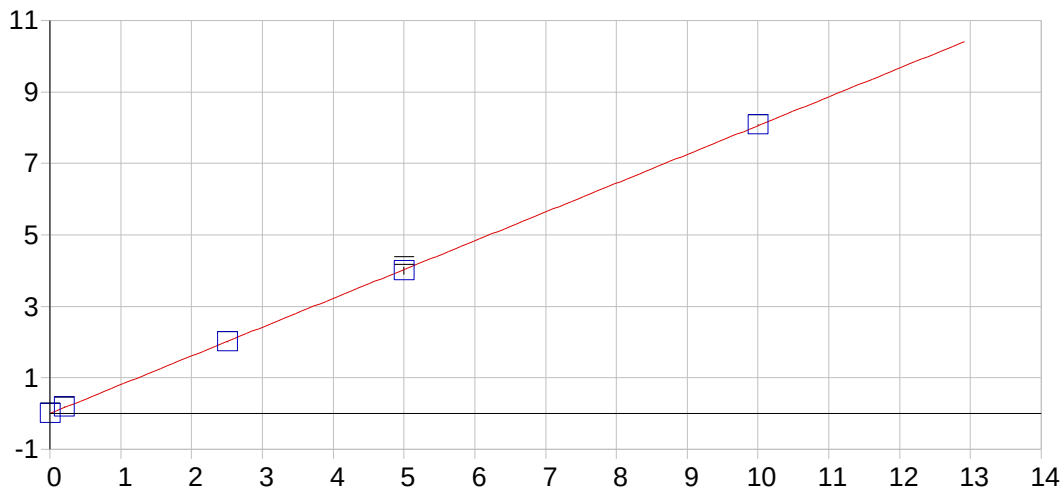
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004097 Re-Slope: 1.000000
 A1 (Gain): 0.010470 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000079
 Predicted MDL: 0.027391
 Predicted MQL: 0.091302

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1261	.126	6.30	.02636	.000	1
S0	.00000	-.00008	-.000	.000	.00410	.000	1
S3	12.500	12.209	-.291	-2.32	.13193	.001	1
S4	25.000	24.876	-.124	-.497	.26454	.003	1
S5	50.000	50.289	.289	.578	.53061	.005	1



Mo 202.030 {467}

Date of Fit: 6/13/2019 16:39:07

Type of Fit: Linear

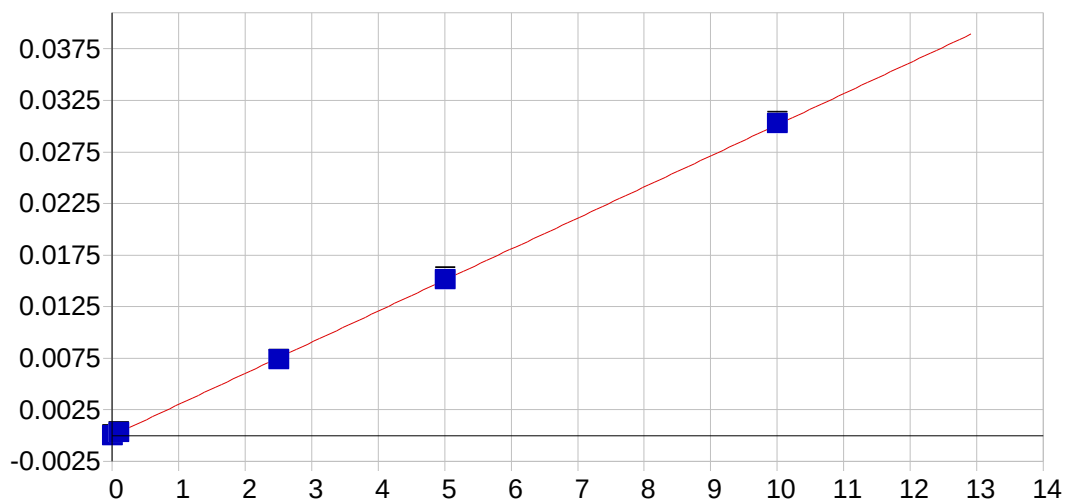
Weighting: 1/Conc

A0 (Offset): -0.000102
 A1 (Gain): 0.805864
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000680
 Predicted MDL: 0.000301
 Predicted MQL: 0.001004

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	-.00012	.000	1
S1	.20000	.21848	.018	9.24	.17596	.000	1
S3	2.5000	2.4952	-.005	-.194	2.0107	.005	1
S4	5.0000	4.9587	-.041	-.827	3.9959	.100	1
S5	10.000	10.028	.028	.277	8.0809	.006	1

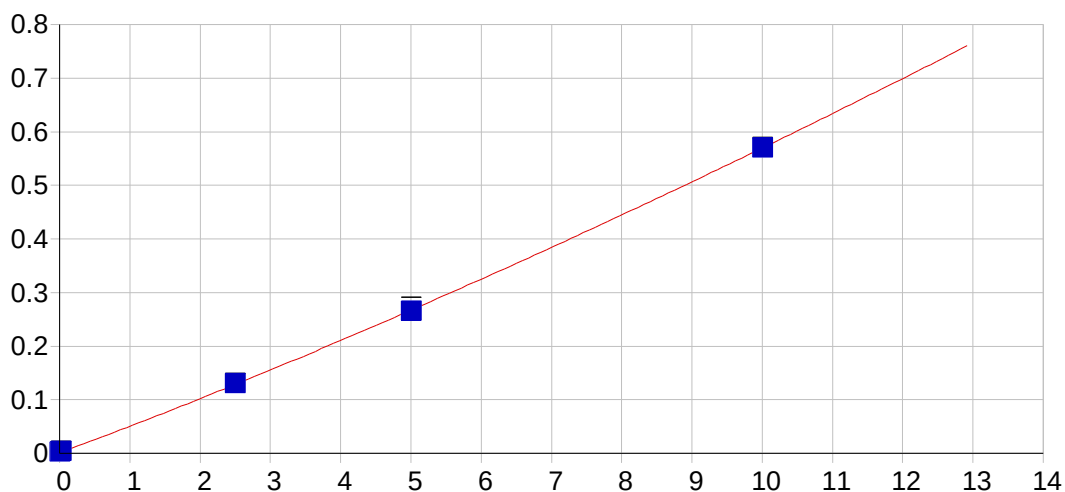


B 249.678 {135}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.003015 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011890
 Predicted MQL: 0.039635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00000	.000	1
S1	.10000	.09831	-.002	-1.69	.00029	.000	1
S3	2.5000	2.4363	-.064	-2.55	.00732	.000	1
S4	5.0000	5.0169	.017	.339	.01508	.000	1
S5	10.000	10.048	.048	.485	.03022	.000	1



S 182.034 {485}

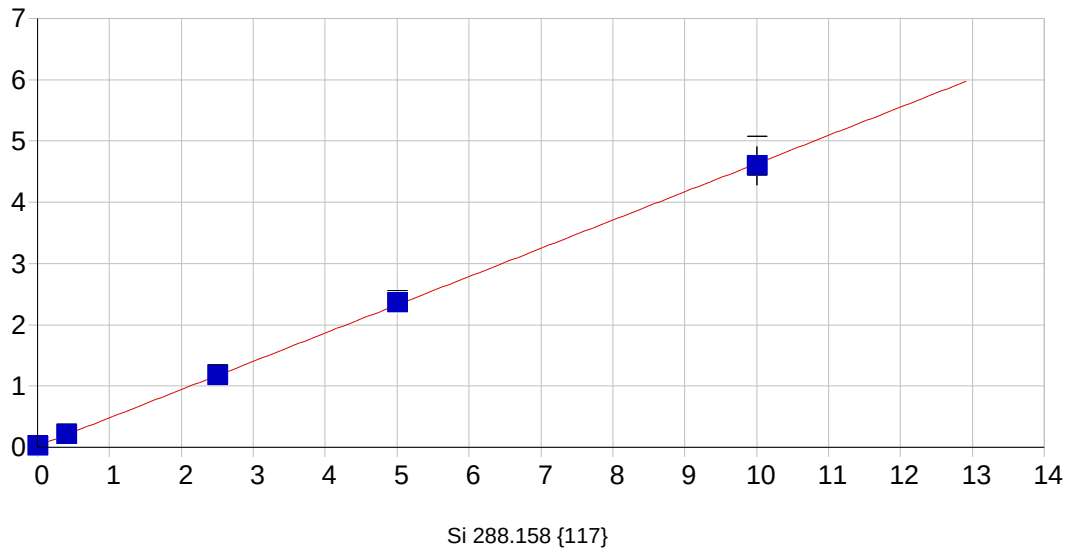
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.002331 Re-Slope: 1.000000
 A1 (Gain): 0.047645 Y-int: 0.000000

A2 (Curvature): 0.000372
 n (Exponent): 1.040000
 Correlation: 0.999983
 Std Error of Est: 0.000013
 Predicted MDL: 0.003462
 Predicted MQL: 0.011539

Status: Warning Positive Curvature

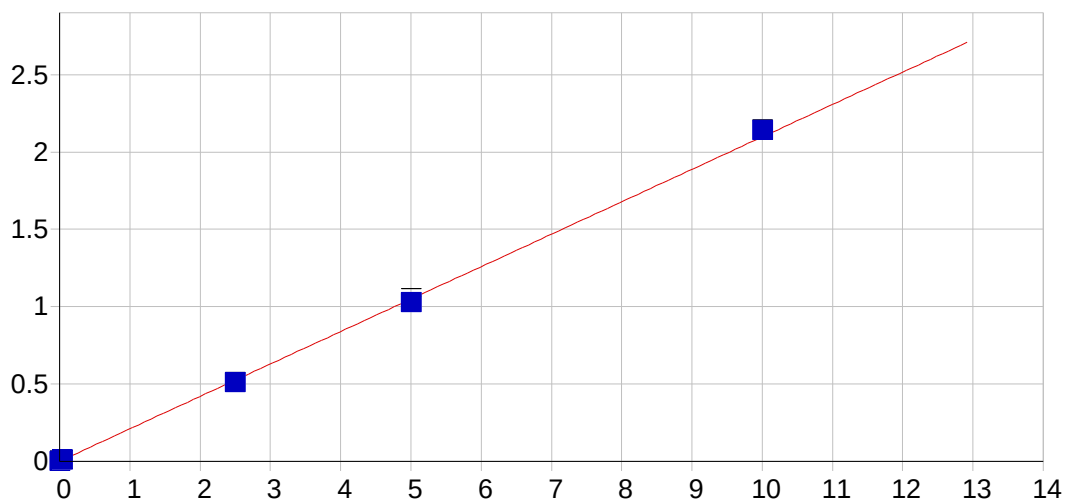
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00233	.000	1
S1	.02000	.01724	-.003	-13.8	.00300	.000	1
S3	2.5000	2.5226	.023	.903	.12947	.000	1
S4	5.0000	4.9726	-.027	-.549	.26515	.007	1
S5	10.000	10.007	.007	.074	.56945	.000	1



Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020019 Re-Slope: 1.000000
 A1 (Gain): 0.461112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000474
 Predicted MDL: 0.002375
 Predicted MQL: 0.007918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02001	.000	1
S1	.40000	.40511	.005	1.28	.20667	.002	1
S3	2.5000	2.5051	.005	.204	1.1745	.002	1
S4	5.0000	5.0674	.067	1.35	2.3555	.034	1
S5	10.000	9.9223	-.078	-.777	4.5929	.315	1

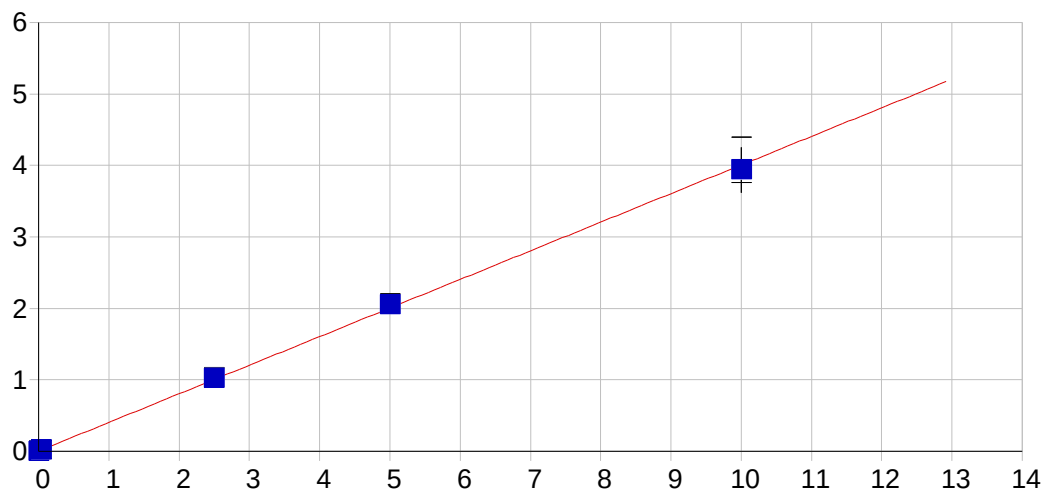


Sn 189.989 {477}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000997 Re-Slope: 1.000000
 A1 (Gain): 0.209636 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.000726
 Predicted MQL: 0.002421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00100	.000	1
S1	.04000	.03942	-.001	-1.46	.00926	.000	1
S3	2.5000	2.4134	-.087	-3.47	.50702	.000	1
S4	5.0000	4.8908	-.109	-2.18	1.0265	.025	1
S5	10.000	10.196	.196	1.96	2.1389	.002	1



Ti 336.121 {100}

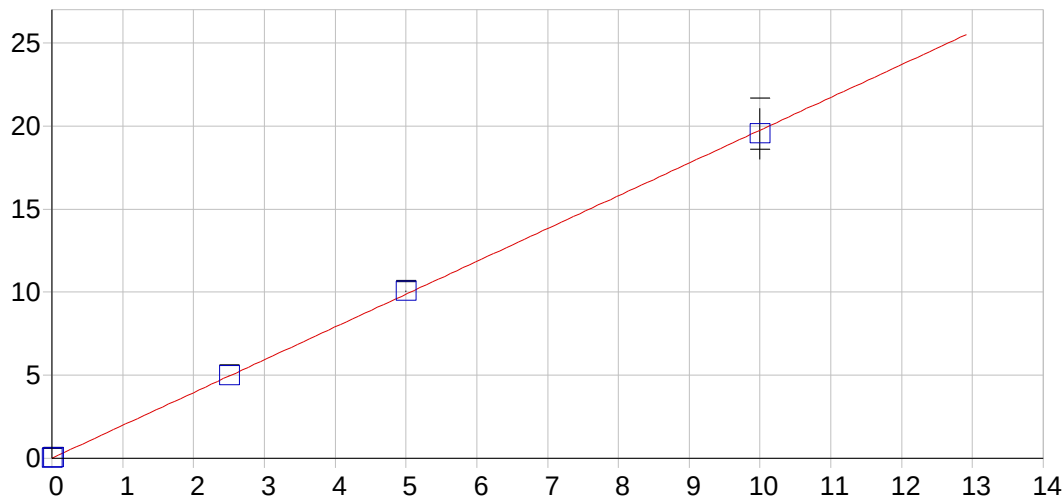
Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004030 Re-Slope: 1.000000
 A1 (Gain): 0.400214 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790
 Std Error of Est: 0.000281
 Predicted MDL: 0.001735
 Predicted MQL: 0.005784

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00403	.000	1
S1	.04000	.04379	.004	9.48	.02155	.000	1
S3	2.5000	2.5471	.047	1.88	1.0233	.004	1
S4	5.0000	5.1240	.124	2.48	2.0545	.004	1
S5	10.000	9.8251	-.175	-1.75	3.9357	.316	1



Li 670.784 { 50}

Date of Fit: 6/13/2019 16:39:07

Type of Fit: Linear

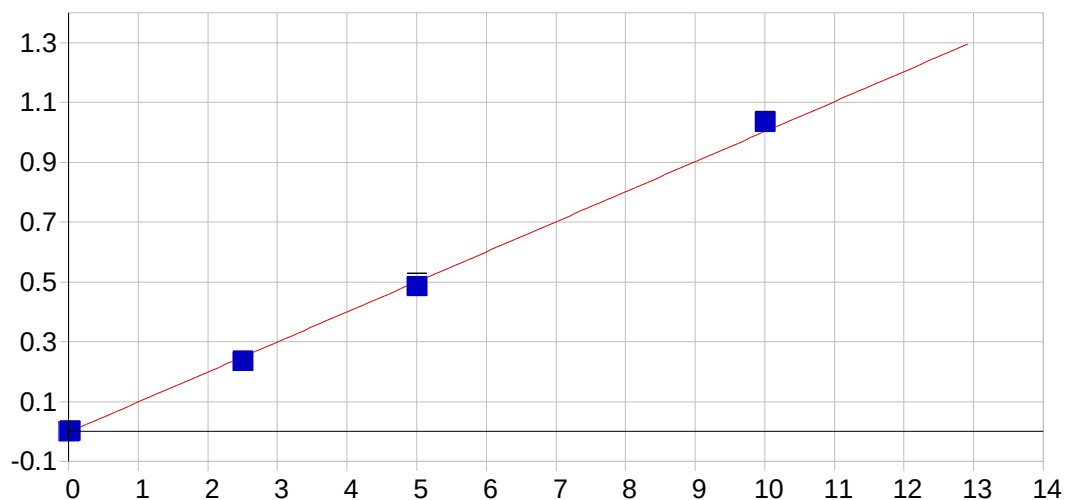
Weighting: 1/Conc

A0 (Offset): 0.008744
 A1 (Gain): 1.973812
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000617
 Predicted MDL: 0.001587
 Predicted MQL: 0.005289

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	.00874	.003	1
S1	.02000	.02114	.001	5.72	.05048	.002	1
S3	2.5000	2.5187	.019	.747	4.9801	.017	1
S4	5.0000	5.0884	.088	1.77	10.052	.046	1
S5	10.000	9.8918	-.108	-1.08	19.533	1.54	1

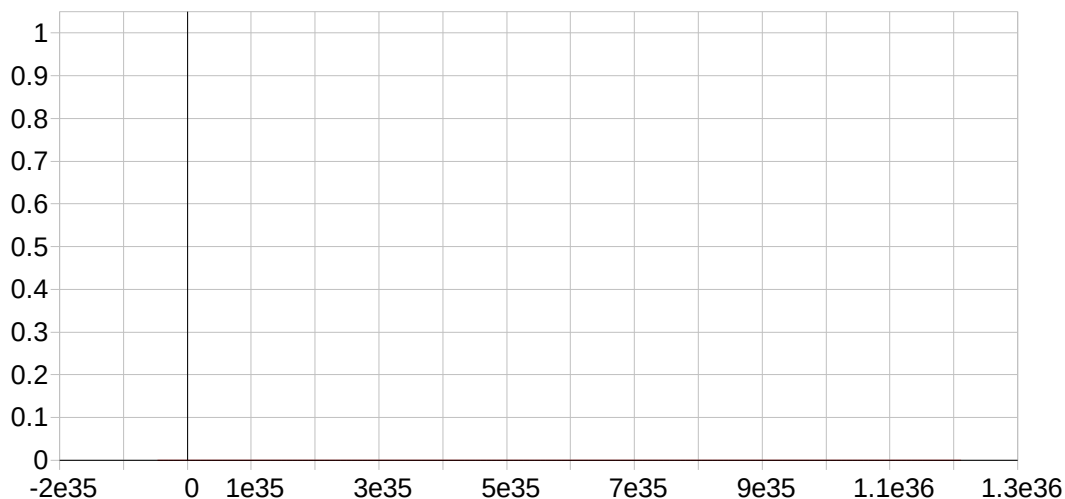


P 177.495 {490}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002079 Re-Slope: 1.000000
 A1 (Gain): 0.100455 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999310 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.001596
 Predicted MQL: 0.005320

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00208	.000	1
S1	.02000	.01880	-.001	-6.02	-.00020	.000	1
S3	2.5000	2.3488	-.151	-6.05	.23351	.001	1
S4	5.0000	4.8398	-.160	-3.20	.48337	.012	1
S5	10.000	10.313	.313	3.13	1.0324	.001	1



Y 224.306 {450}*

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

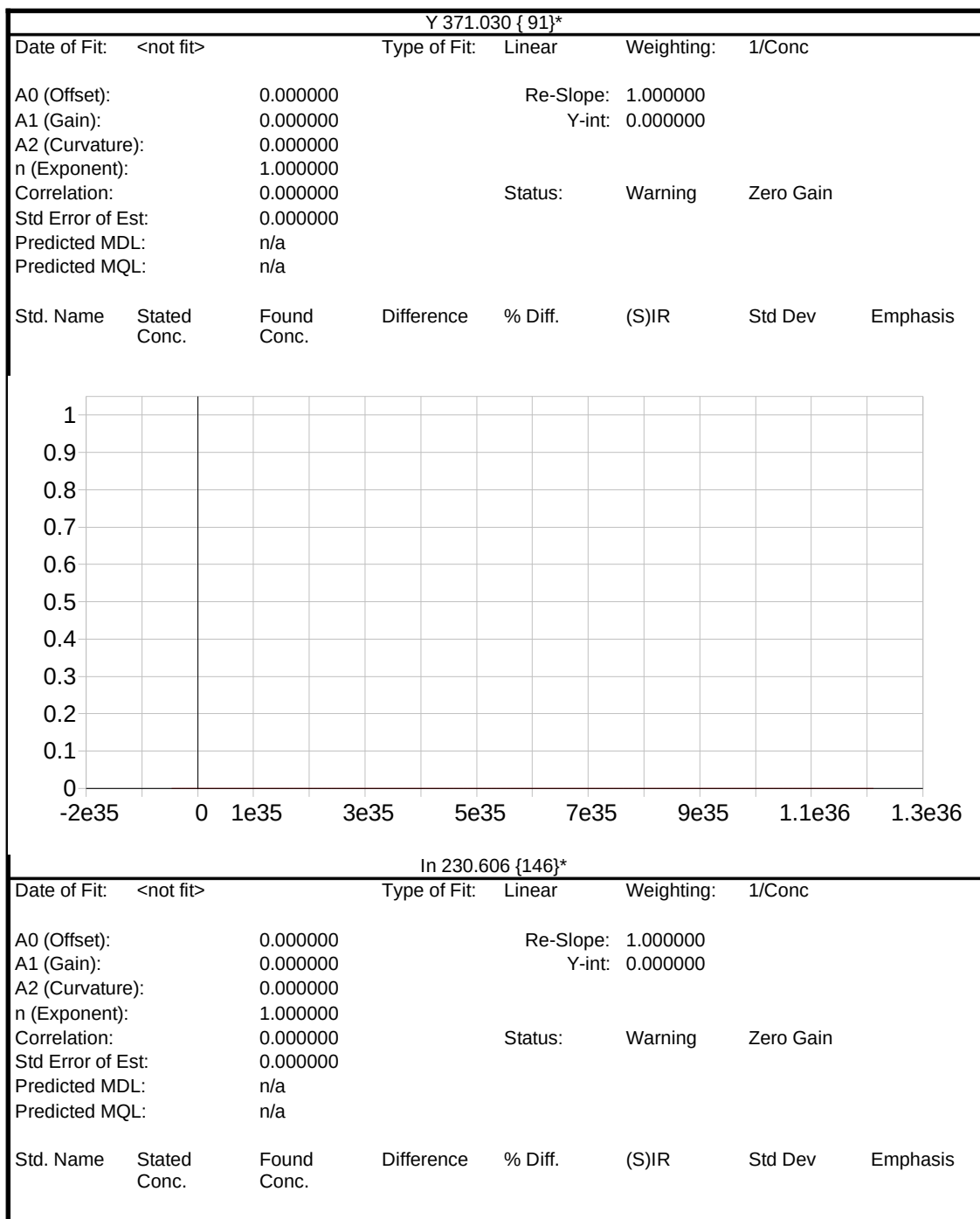
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

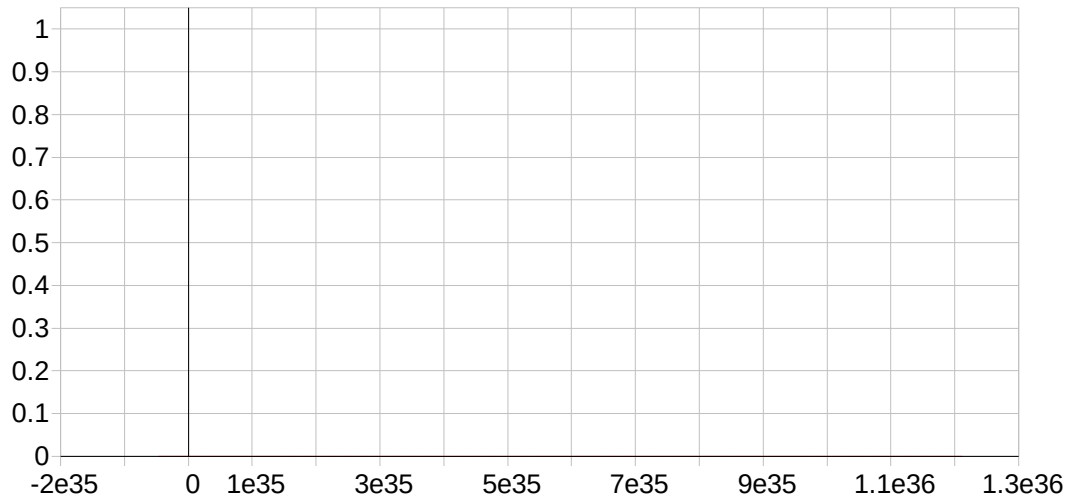
Status: Warning Zero Gain

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

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

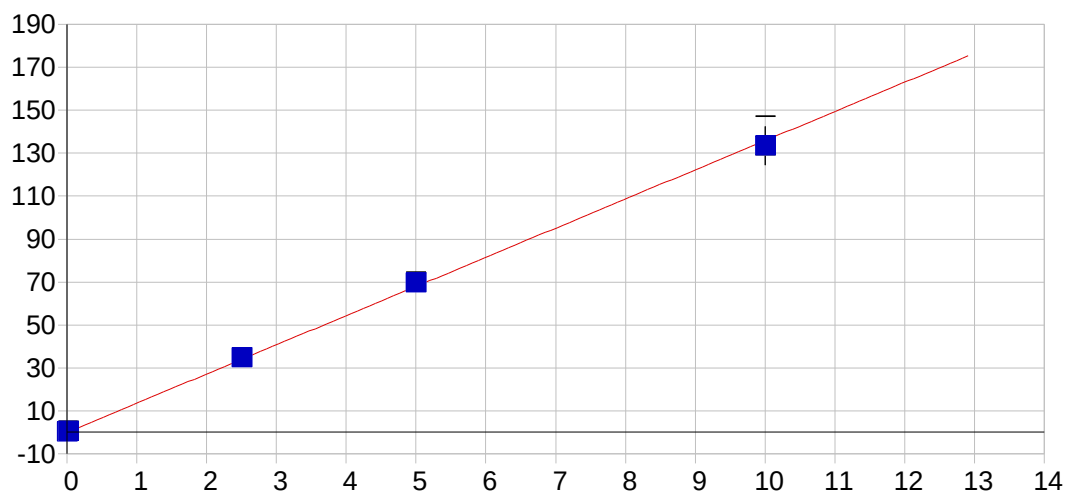




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

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



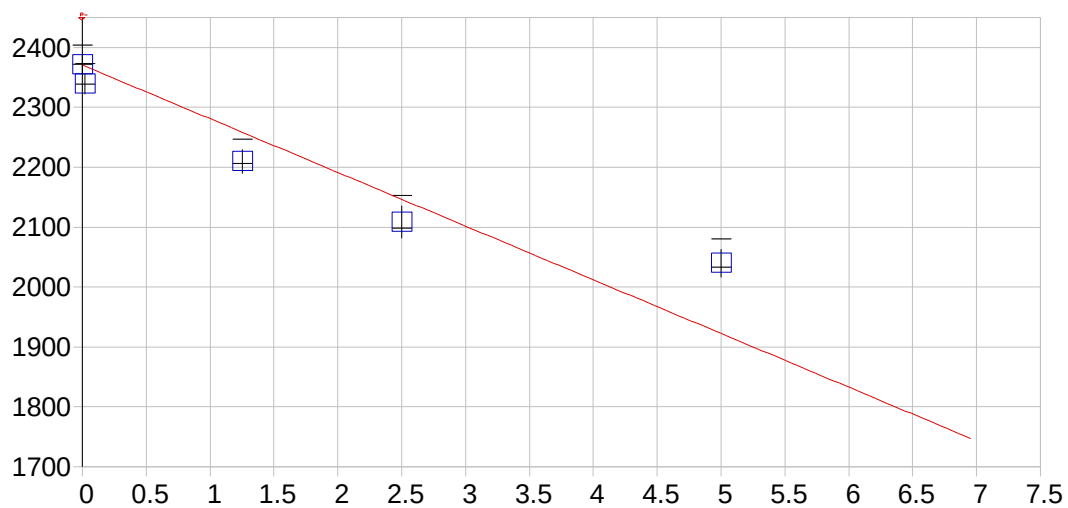
Sr 407.771 { 83}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002172 Re-Slope: 1.000000
 A1 (Gain): 13.582506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770 Status: OK.
 Std Error of Est: 0.007040
 Predicted MDL: 0.000094

Predicted MQL: 0.000314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00222	.002	1
S1	.02000	.02305	.003	15.3	.31243	.002	1
S3	2.5000	2.5503	.050	2.01	34.674	.093	1
S4	5.0000	5.1283	.128	2.57	69.727	.275	1
S5	10.000	9.8184	-.182	-1.82	133.51	8.98	1

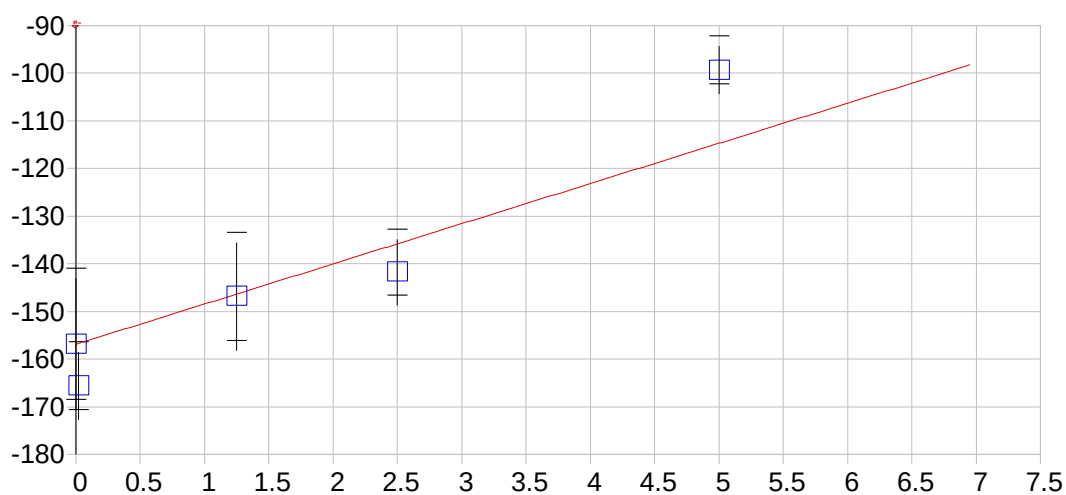


U 367.007 { 92}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2370.641878 Re-Slope: 1.000000
A1 (Gain): -89.621405 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.761457 Status: Warning Negative Gain
Std Error of Est: 1.303747
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	2370.7	15.9	1
S1	.02000	.35742	.337	1690.	2338.6	16.8	1
S3	1.2500	1.7996	.550	44.0	2209.4	20.1	1
S4	2.5000	2.9233	.423	16.9	2108.7	27.1	1
S5	5.0000	3.6897	-1.31	-26.2	2040.0	23.6	1



U 385.958 { 87}

Date of Fit: 6/13/2019 16:39:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -156.881299 Re-Slope: 1.000000
 A1 (Gain): 8.432016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.365161 Status: OK.
 Std Error of Est: 0.367350
 Predicted MDL: 1.227087
 Predicted MQL: 4.090289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00106	.001	.000	-156.87	13.8	1
S1	.02000	-1.0390	-1.06	-5300.	-165.64	7.08	1
S3	1.2500	1.1889	-.061	-4.89	-146.86	11.4	1
S4	2.5000	1.7957	-.704	-28.2	-141.74	6.92	1
S5	5.0000	6.8245	1.82	36.5	-99.337	5.03	1

Sample Name: S0 Acquired: 6/13/2019 11:35:53 Type: Cal
Method: P4-ICP2(v3198) 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	.00076	-.00010	.00380	-.00063	.00083	.00029	.00109	-.00028
Stddev	.00008	.00011	.00025	.00005	.00014	.00006	.00021	.00006
%RSD	9.8858	111.83	6.5958	8.6103	16.410	21.845	19.256	22.560

#1	.00073	.00001	.00404	-.00057	.00084	.00025	.00116	-.00024
#2	.00085	-.00020	.00354	-.00068	.00096	.00025	.00085	-.00035
#3	.00071	-.00010	.00383	-.00065	.00069	.00036	.00125	-.00024

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	-.00450	.00018	.00006	.00005	.01191	.00135	.00025	-.00006
Stddev	.00040	.00001	.00010	.00012	.00035	.00006	.00009	.00006
%RSD	8.9722	7.6890	177.18	233.46	2.9007	4.1021	34.585	99.419

#1	-.00458	.00020	.00001	.00014	.01152	.00131	.00027	-.00005
#2	-.00485	.00017	-.00001	.00010	.01204	.00132	.00016	-.00013
#3	-.00406	.00017	.00017	-.00008	.01217	.00141	.00033	-.00001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00890	.00044	.00889	-.00020	.00596	.00410	-.00012	-.00000
Stddev	.00023	.00012	.00026	.00009	.00036	.00041	.00018	.00005
%RSD	2.6391	26.546	2.8801	43.324	6.0006	10.046	156.08	959.81

#1	-.00878	.00033	.00910	-.00018	.00617	.00431	-.00025	-.00003
#2	-.00875	.00056	.00860	-.00029	.00617	.00435	.00009	.00005
#3	-.00917	.00043	.00897	-.00012	.00555	.00362	-.00018	-.00003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00233	.02001	.00100	.00403	.00874	-.0021	-.00222	2370.7
Stddev	.00016	.00010	.00015	.00035	.00308	.0001	.00153	15.9
%RSD	6.7364	.50379	15.059	8.5841	35.220	4.377	68.698	.67228

#1	.00247	.02001	.00116	.00404	.01218	-.0022	-.00054	2360.2
#2	.00236	.02012	.00097	.00437	.00625	-.0021	-.00262	2389.0
#3	.00216	.01992	.00086	.00368	.00780	-.0020	-.00351	2362.8

Sample Name: S0 Acquired: 6/13/2019 11:35:53 Type: Cal
 Method: P4-ICP2(v3198) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-156.87
Stddev	13.76
%RSD	8.7691

#1	-143.93
#2	-155.36
#3	-171.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.6	35285.	3491.0	59.525	2892.0
Stddev	12.2	122.	12.1	.889	8.8
%RSD	.50124	.34589	.34593	1.4936	.30484

#1	2418.8	35184.	3478.7	60.350	2882.8
#2	2442.0	35252.	3502.8	59.642	2900.4
#3	2437.1	35421.	3491.5	58.583	2892.8

Sample Name: S1 Acquired: 6/13/2019 11:40:21 Type: Cal
Method: P4-ICP2(v3198) 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	.00213	.00709	.00709	.00122	.01034	.00129	.07004	.00683
Stddev	.00012	.00005	.00019	.00005	.00010	.00004	.00062	.00010
%RSD	5.4919	.65658	2.6882	3.7835	.97115	3.3397	.88597	1.4020

#1	.00212	.00703	.00701	.00121	.01044	.00134	.07002	.00692
#2	.00202	.00711	.00694	.00118	.01034	.00125	.07067	.00684
#3	.00226	.00711	.00730	.00127	.01024	.00128	.06943	.00673

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	.02304	.00296	.04368	.03416	.01510	.03279	.02634	.00368
Stddev	.00035	.00010	.00024	.00021	.00007	.00020	.00025	.00011
%RSD	1.5265	3.2952	.54663	.60477	.48442	.61405	.95373	2.9912

#1	.02344	.00295	.04380	.03393	.01502	.03293	.02624	.00358
#2	.02291	.00286	.04384	.03433	.01516	.03256	.02663	.00368
#3	.02278	.00306	.04341	.03423	.01513	.03289	.02616	.00380

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	.01143	.12457	.17596	.00029	.00300	.20667	.00926	.02155
Stddev	.00005	.00025	.00024	.00005	.00013	.00245	.00008	.00028
%RSD	.47874	.20247	.13641	16.017	4.2013	1.1856	.84637	1.2935

#1	.01137	.12481	.17596	.00030	.00296	.20575	.00934	.02182
#2	.01145	.12460	.17620	.00024	.00290	.20480	.00919	.02155
#3	.01147	.12431	.17572	.00033	.00314	.20944	.00924	.02127

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05048	-.0002	.31243	2338.6	-165.64
Stddev	.00188	.0002	.00220	16.8	7.08
%RSD	3.7233	109.5	.70433	.72011	4.2770

#1	.05189	-.0004	.31476	2321.1	-158.28
#2	.04834	-.0002	.31215	2340.1	-166.23
#3	.05120	.0000	.31038	2354.7	-172.41

Sample Name: S1 Acquired: 6/13/2019 11:40:21 Type: Cal
Method: P4-ICP2(v3198) 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	2434.1	35381.	3516.5	61.483	2874.8
Stddev	6.3	184.	16.5	1.539	11.1
%RSD	.25715	.52052	.46950	2.5026	.38682
#1	2429.4	35350.	3519.4	62.583	2862.2
#2	2431.8	35215.	3531.4	62.142	2879.2
#3	2441.2	35579.	3498.8	59.725	2883.0

Sample Name: S2 Acquired: 6/13/2019 11:44:48 Type: Cal
Method: P4-ICP2(v3198) 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	.01338	.00175	.09175	.02636
Stddev	.00017	.00004	.00037	.00003
%RSD	1.2650	2.3024	.40431	.12415

#1	.01319	.00172	.09136	.02639
#2	.01347	.00179	.09210	.02635
#3	.01349	.00173	.09178	.02633

Int. Std.	Y_3600
Units	Cts/S
Avg	35383.
Stddev	24.
%RSD	.06778

#1	35361.
#2	35409.
#3	35379.

Sample Name: S3 Acquired: 6/13/2019 11:49:03 Type: Cal
Method: P4-ICP2(v3198) 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	.17224	.42786	.70891	.21294	.44356	.04022	3.1435	.13439
Stddev	.00079	.00086	.00096	.00072	.00130	.00006	.0080	.00026
%RSD	.45912	.20156	.13602	.33827	.29221	.14877	.25326	.19636
#1	.17314	.42753	.70789	.21368	.44332	.04016	3.1345	.13451
#2	.17164	.42722	.70904	.21225	.44496	.04022	3.1495	.13457
#3	.17194	.42884	.70980	.21290	.44240	.04028	3.1464	.13409
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	5.5172	.07513	.13874	1.7957	.62781	.31782	1.7958	.01019
Stddev	.0024	.00045	.00017	.0007	.00222	.00056	.0034	.00005
%RSD	.04276	.59385	.11965	.03935	.35299	.17646	.19171	.51329
#1	5.5174	.07472	.13882	1.7953	.62872	.31720	1.7954	.01017
#2	5.5194	.07561	.13855	1.7965	.62942	.31795	1.7994	.01025
#3	5.5147	.07508	.13886	1.7953	.62528	.31830	1.7926	.01016
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	1.0439	.18439	.48874	.34510	3.6374	.13193	2.0107	.00732
Stddev	.0011	.00103	.00203	.00158	.0060	.00051	.0053	.00005
%RSD	.10392	.55810	.41540	.45691	.16629	.38547	.26525	.71078
#1	1.0426	.18340	.48670	.34684	3.6406	.13201	2.0123	.00732
#2	1.0447	.18545	.48876	.34467	3.6412	.13138	2.0150	.00727
#3	1.0443	.18432	.49076	.34378	3.6304	.13239	2.0047	.00737
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	.12947	1.1745	.50702	1.0233	4.9801	.2335	34.674	2209.4
Stddev	.00024	.0021	.00045	.0044	.0167	.0005	.093	20.1
%RSD	.18731	.17993	.08805	.42738	.33613	.2151	.26847	.90897
#1	.12925	1.1770	.50676	1.0253	4.9927	.2330	34.727	2196.1
#2	.12973	1.1736	.50753	1.0183	4.9611	.2336	34.567	2199.6
#3	.12942	1.1731	.50676	1.0262	4.9866	.2339	34.729	2232.5

Sample Name: S3 Acquired: 6/13/2019 11:49:03 Type: Cal
Method: P4-ICP2(v3198) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-146.86
Stddev	11.35
%RSD	7.7312

#1	-154.13
#2	-152.67
#3	-133.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.6	34559.	3502.6	59.256	2673.2
Stddev	12.1	31.	11.5	.931	7.9
%RSD	.50662	.09063	.32784	1.5715	.29370

#1	2378.5	34594.	3491.5	58.550	2669.0
#2	2378.8	34535.	3514.4	58.906	2668.3
#3	2399.6	34547.	3501.8	60.311	2682.2

Sample Name: S4 Acquired: 6/13/2019 11:53:04 Type: Cal
Method: P4-ICP2(v3198) 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	.34551	.85492	1.4180	.42593	.88436	.08143	6.4117	.27301
Stddev	.00864	.01880	.0376	.01017	.02291	.00113	.0667	.00043
%RSD	2.4998	2.1989	2.6517	2.3873	2.5904	1.3890	1.0406	.15674
#1	.33554	.83326	1.3748	.41419	.85796	.08059	6.3510	.27345
#2	.35038	.86698	1.4435	.43164	.89894	.08099	6.4010	.27260
#3	.35062	.86453	1.4357	.43196	.89618	.08272	6.4831	.27297
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	11.227	.15246	.27880	3.6335	1.2160	.63210	3.5972	.02085
Stddev	.277	.00221	.00039	.0914	.0334	.00119	.0067	.00035
%RSD	2.4685	1.4473	.13930	2.5150	2.7471	.18780	.18532	1.6754
#1	10.907	.15046	.27920	3.5280	1.1774	.63309	3.6048	.02054
#2	11.393	.15211	.27843	3.6880	1.2363	.63078	3.5924	.02080
#3	11.381	.15483	.27877	3.6845	1.2342	.63242	3.5944	.02123
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0958	.36962	.99058	.69557	7.3456	.26454	3.9959	.01508
Stddev	.0509	.00079	.01041	.00031	.1827	.00280	.1000	.00023
%RSD	2.4270	.21318	1.0507	.04501	2.4870	1.0573	2.5029	1.5095
#1	2.0370	.37051	.98043	.69528	7.1348	.26190	3.8811	.01484
#2	2.1255	.36901	.99010	.69590	7.4592	.26425	4.0642	.01513
#3	2.1247	.36935	1.0012	.69552	7.4427	.26747	4.0424	.01528
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	.26515	2.3555	1.0265	2.0545	10.052	.4834	69.727	2108.7
Stddev	.00714	.0345	.0250	.0044	.046	.0116	.275	27.1
%RSD	2.6921	1.4640	2.4352	.21458	.45752	2.400	.39437	1.2844
#1	.25695	2.3851	.99778	2.0513	10.063	.4700	69.872	2092.7
#2	.26999	2.3637	1.0435	2.0595	10.092	.4901	69.900	2093.4
#3	.26850	2.3176	1.0381	2.0526	10.002	.4900	69.410	2139.9

Sample Name: S4 Acquired: 6/13/2019 11:53:04 Type: Cal
Method: P4-ICP2(v3198) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-141.74
Stddev	6.92
%RSD	4.8844

#1	-145.52
#2	-145.95
#3	-133.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.8	33755.	3468.6	57.807	2572.5
Stddev	50.5	51.	51.6	2.585	55.3
%RSD	2.1464	.15215	1.4889	4.4724	2.1499

#1	2412.9	33706.	3425.3	55.561	2636.2
#2	2320.4	33808.	3454.7	57.227	2537.1
#3	2331.2	33751.	3525.8	60.633	2544.1

Sample Name: S5 Acquired: 6/13/2019 11:57:04 Type: Cal
Method: P4-ICP2(v3198) 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	.70644	1.7499	2.9369	.86560	1.8072	.16370	12.832	.54397
Stddev	.00096	.0023	.0004	.00077	.0010	.00160	.069	.00009
%RSD	.13537	.13104	.01353	.08878	.05337	.97484	.53536	.01617

#1	.70712	1.7525	2.9369	.86519	1.8067	.16518	12.765	.54387
#2	.70685	1.7491	2.9373	.86512	1.8065	.16201	12.830	.54401
#3	.70534	1.7481	2.9365	.86648	1.8083	.16390	12.902	.54403

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	23.434	.30436	.55097	7.6090	2.4282	1.2422	7.0671	.04185
Stddev	.033	.00393	.00089	.0156	.0037	.0005	.0037	.00031
%RSD	.14025	1.2926	.16115	.20523	.15450	.04144	.05227	.74053

#1	23.471	.30693	.55092	7.6260	2.4312	1.2422	7.0646	.04210
#2	23.423	.29983	.55188	7.6059	2.4240	1.2427	7.0713	.04150
#3	23.409	.30633	.55011	7.5952	2.4295	1.2416	7.0653	.04195

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3766	.73899	1.9940	1.3898	15.354	.53061	8.0809	.03022
Stddev	.0099	.00065	.0177	.0006	.028	.00543	.0062	.00019
%RSD	.22583	.08741	.88548	.03975	.18525	1.0237	.07661	.61706

#1	4.3879	.73939	2.0080	1.3900	15.385	.53535	8.0869	.03034
#2	4.3697	.73934	1.9742	1.3891	15.350	.52468	8.0746	.03000
#3	4.3723	.73824	1.9999	1.3901	15.328	.53180	8.0811	.03031

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	.56945	4.5929	2.1389	3.9357	19.533	1.032	133.51	2040.0
Stddev	.00040	.3147	.0022	.3163	1.536	.001	8.98	23.6
%RSD	.06988	6.8518	.10300	8.0366	7.8625	.1402	6.7270	1.1568

#1	.56978	4.7936	2.1414	4.1548	20.581	1.034	139.34	2061.5
#2	.56957	4.2302	2.1373	3.5731	17.770	1.031	123.16	2043.7
#3	.56901	4.7549	2.1379	4.0791	20.248	1.032	138.01	2014.7

Sample Name: S5 Acquired: 6/13/2019 11:57:04 Type: Cal
 Method: P4-ICP2(v3198) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-99.337
Stddev	5.025
%RSD	5.0586

#1	-94.635
#2	-98.745
#3	-104.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.0	33060.	3564.8	57.267	2369.7
Stddev	6.5	50.	252.2	3.779	7.8
%RSD	.28822	.15158	7.0742	6.5993	.33077

#1	2253.5	33012.	3396.9	54.098	2361.0
#2	2264.2	33056.	3854.8	61.449	2371.7
#3	2265.4	33112.	3442.8	56.253	2376.3

Sample Name: ICV01 Acquired: 6/13/2019 12:46:04 Type: Unk
 Method: P4-ICP2(v3198) 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	1.0232	1.0362	.99488	1.0198	1.0127	2.5885	.51328	.49132
Stddev	.0023	.0059	.00095	.0014	.0023	.0210	.00329	.00071
%RSD	.22448	.57079	.09545	.13650	.22908	.81196	.64192	.14513
#1	1.0210	1.0413	.99403	1.0209	1.0153	2.5831	.51513	.49213
#2	1.0230	1.0297	.99471	1.0203	1.0117	2.5708	.50948	.49106
#3	1.0255	1.0376	.99591	1.0183	1.0110	2.6117	.51524	.49077
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48316	10.685	.50937	.49985	.53368	5.1850	.51655	6.0449
Stddev	.00058	.064	.00063	.00052	.00052	.0060	.00029	.1001
%RSD	.11987	.60147	.12275	.10475	.09704	.11506	.05557	1.6551
#1	.48249	10.667	.50958	.50021	.53392	5.1914	.51669	6.0746
#2	.48356	10.632	.50986	.50009	.53308	5.1842	.51675	5.9334
#3	.48342	10.757	.50866	.49925	.53403	5.1795	.51622	6.1268
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50011	.51352	10.040	.50039	.98930	10.112	2.6233	2.5241
Stddev	.00038	.00044	.063	.00228	.00103	.106	.0060	.0126
%RSD	.07693	.08626	.62392	.45653	.10368	1.0441	.22858	.49944
#1	.50022	.51389	10.038	.49833	.99048	10.147	2.6301	2.5160
#2	.50043	.51364	9.9788	.50285	.98871	9.9934	2.6187	2.5176
#3	.49968	.51303	10.104	.49999	.98870	10.196	2.6210	2.5386
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5336	2.4104	2.4793	2.6542	2.4981	2.397	2.4785	F 2.0526
Stddev	.0079	.0229	.0022	.0109	.0103	.004	.0051	.1486
%RSD	.31044	.94924	.08679	.40876	.41127	.1843	.20398	7.2405
#1	2.5423	2.4259	2.4768	2.6651	2.5055	2.394	2.4826	1.9008
#2	2.5317	2.4211	2.4807	2.6434	2.4864	2.395	2.4729	2.1978
#3	2.5269	2.3841	2.4804	2.6540	2.5026	2.402	2.4802	2.0592

Sample Name: ICV01 Acquired: 6/13/2019 12:46:04 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6904
Stddev	.8478
%RSD	22.975

#1	3.2908
#2	3.1161
#3	4.6642

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.3	34134.	3478.5	57.892	2664.7
Stddev	8.1	90.	22.0	.609	7.1
%RSD	.34706	.26415	.63164	1.0527	.26750

#1	2314.0	34039.	3458.9	57.989	2657.1
#2	2327.4	34219.	3474.2	58.448	2666.0
#3	2328.4	34142.	3502.2	57.241	2671.1

Sample Name: LLICV01 Acquired: 6/13/2019 13:09:54 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02036	.04301	.01344	.02205	.05646	.11877	.10968
Stddev	.00024	.00188	.00018	.00079	.00095	.01841	.00066
%RSD	1.1745	4.3705	1.3295	3.5804	1.6892	15.498	.60079

#1	.02040	.04482	.01356	.02115	.05546	.13714	.10892
#2	.02058	.04107	.01323	.02236	.05736	.10033	.11001
#3	.02011	.04313	.01352	.02263	.05655	.11884	.11011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	.00594	2.0735	.01076	.03003	.02342	.11064
Stddev	.00007	.00003	.0340	.00020	.00019	.00033	.00047
%RSD	1.1294	.49111	1.6389	1.8516	.64008	1.4219	.42638

#1	.00668	.00592	2.0356	.01054	.03024	.02370	.11063
#2	.00657	.00598	2.0839	.01081	.02996	.02352	.11018
#3	.00653	.00593	2.1011	.01093	.02988	.02305	.11112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02330	2.0894	.04126	.01124	2.0402	.04253	.04042
Stddev	.00010	.0414	.00049	.00036	.0089	.00020	.00012
%RSD	.44617	1.9799	1.1894	3.2219	.43399	.47272	.29837

#1	.02322	2.1354	.04078	.01104	2.0465	.04246	.04050
#2	.02325	2.0775	.04176	.01103	2.0301	.04237	.04048
#3	.02341	2.0553	.04122	.01166	2.0440	.04275	.04028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1076	.22316	.10759	.02012	.41242	.03987	.04531
Stddev	.0503	.00089	.01139	.00471	.00147	.00056	.00084
%RSD	2.3879	.39749	10.585	23.423	.35688	1.4075	1.8636

#1	2.0826	.22370	.09714	.02109	.41313	.04029	.04624
#2	2.1655	.22364	.10589	.01499	.41072	.04008	.04458
#3	2.0747	.22213	.11973	.02427	.41339	.03923	.04511

Sample Name: LLICV01 Acquired: 6/13/2019 13:09:54 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02140	.0211	.02334	F 1.2836	F<.00000
Stddev	.00105	.0016	.00013	.2138	.48735
%RSD	4.8908	7.433	.54002	16.653	65.643
#1	.02251	.0215	.02330	1.5071	-1.2690
#2	.02124	.0225	.02348	1.2627	-.65095
#3	.02044	.0194	.02324	1.0811	-.30730
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.7	34823.	3471.7	59.389	2825.6
Stddev	13.6	96.	24.9	1.382	11.7
%RSD	.57129	.27666	.71798	2.3274	.41328
#1	2369.2	34727.	3445.5	60.525	2812.1
#2	2390.1	34822.	3474.5	57.850	2832.7
#3	2394.8	34919.	3495.2	59.792	2832.0

Sample Name: ICB01 Acquired: 6/13/2019 13:23:17 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00056	-.00039	.00078	-.00069	.00182	-.00023
Stddev	.00083	.00077	.00091	.00033	.00195	.00422	.00038
%RSD	54.580	138.60	235.37	43.001	282.86	232.00	163.28

#1	.00064	-.00028	.00022	.00110	-.00040	-.00293	.00005
#2	.00161	.00125	-.00143	.00079	.00110	.00516	-.00009
#3	.00229	.00070	.00005	.00043	-.00277	.00323	-.00066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00007	.00031	-.00023	-.00027	.00037	-.00020
Stddev	.00010	.00006	.01695	.00022	.00006	.00026	.00081
%RSD	1016.8	84.757	5461.9	97.522	23.105	71.828	412.07

#1	-.00012	-.00003	.00495	-.00013	-.00032	.00016	.00033
#2	.00002	-.00013	-.01847	-.00048	-.00030	.00028	.00021
#3	.00007	-.00003	.01446	-.00007	-.00020	.00067	-.00112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.02426	-.00030	-.00027	-.10875	-.00026	-.00077
Stddev	.00003	.02219	.00011	.00037	.00763	.00019	.00007
%RSD	982.86	91.471	36.920	138.26	7.0129	70.523	8.4838

#1	.00001	.03766	-.00019	-.00062	-.11401	-.00011	-.00083
#2	.00002	.03646	-.00042	.00011	-.11223	-.00021	-.00078
#3	-.00004	-.00135	-.00030	-.00029	-.10000	-.00047	-.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02309	.00002	-.00781	-.00320	-.00016	-.00098	-.00009
Stddev	.02247	.00017	.00790	.00192	.00098	.00058	.00180
%RSD	97.314	858.82	101.06	60.014	597.67	59.827	2006.6

#1	-.04798	.00002	.00084	-.00298	-.00129	-.00035	-.00208
#2	-.00428	.00019	-.01463	-.00522	.00043	-.00150	.00142
#3	-.01702	-.00015	-.00966	-.00140	.00037	-.00108	.00039

Sample Name: ICB01 Acquired: 6/13/2019 13:23:17 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	.0010	.00029	F .76608	F<.00000
Stddev	.00063	.0017	.00005	.18331	.60595
%RSD	23.879	179.6	17.026	23.929	46.362
#1	-.00315	-.0004	.00033	.56687	-.77448
#2	-.00193	.0004	.00024	.80372	-1.9663
#3	-.00284	.0029	.00029	.92765	-1.1802
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.9	35021.	3456.3	57.922	2837.7
Stddev	3.2	110.	19.7	1.094	5.2
%RSD	.13582	.31288	.56995	1.8885	.18158
#1	2379.5	34896.	3449.4	56.767	2832.2
#2	2383.4	35102.	3441.1	58.058	2838.4
#3	2386.0	35064.	3478.6	58.942	2842.4

Sample Name: CRI01 Acquired: 6/13/2019 13:27:45 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02197	.04266	.01172	.02284	.05515	.11768	.10990
Stddev	.00084	.00082	.00043	.00234	.00143	.01144	.00038
%RSD	3.8112	1.9335	3.6405	10.258	2.5854	9.7210	.34164

#1	.02220	.04214	.01218	.02431	.05359	.12511	.11017
#2	.02267	.04361	.01134	.02407	.05549	.10450	.10947
#3	.02104	.04223	.01163	.02014	.05638	.12342	.11005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00660	.00601	2.1249	.01074	.03019	.02285	.11254
Stddev	.00011	.00010	.0117	.00040	.00021	.00025	.00068
%RSD	1.6769	1.7273	.55205	3.6795	.68807	1.0941	.60129

#1	.00663	.00600	2.1127	.01112	.03004	.02314	.11332
#2	.00647	.00590	2.1361	.01033	.03011	.02273	.11214
#3	.00668	.00611	2.1259	.01076	.03043	.02269	.11217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02358	2.0865	.04121	.01154	2.0364	.04231	.05043
Stddev	.00009	.0306	.00050	.00032	.0100	.00033	.00039
%RSD	.39377	1.4664	1.2105	2.7314	.49039	.77362	.77886

#1	.02360	2.0636	.04080	.01127	2.0347	.04219	.05058
#2	.02347	2.1212	.04106	.01189	2.0471	.04206	.04998
#3	.02365	2.0746	.04176	.01147	2.0273	.04268	.05072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1403	.22365	.09544	.02327	.41093	.03913	.04317
Stddev	.0191	.00115	.00594	.00087	.00094	.00093	.00124
%RSD	.89028	.51328	6.2207	3.7495	.22864	2.3682	2.8699

#1	2.1508	.22475	.10139	.02318	.40985	.03897	.04194
#2	2.1183	.22246	.08952	.02245	.41137	.03830	.04442
#3	2.1518	.22374	.09540	.02419	.41158	.04013	.04313

Sample Name: CRI01 Acquired: 6/13/2019 13:27:45 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01960	.0194	.02346	F 1.0597	F<.00000
Stddev	.00096	.0010	.00017	.3549	.14705
%RSD	4.8779	5.311	.74594	33.485	44.766
#1	.01953	.0188	.02335	.65247	-.28998
#2	.01868	.0206	.02336	1.3025	-.20453
#3	.02058	.0188	.02366	1.2242	-.49097
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.1	34722.	3470.6	59.844	2826.4
Stddev	7.5	43.	5.7	.642	8.5
%RSD	.31433	.12314	.16424	1.0727	.30238
#1	2372.9	34684.	3475.8	59.867	2816.5
#2	2383.1	34768.	3471.6	59.192	2831.3
#3	2387.5	34713.	3464.5	60.475	2831.3

Sample Name: ICSA01 Acquired: 6/13/2019 13:32:12 Type: Unk
 Method: P4-ICP2(v3198) 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	.01905	.00532	-.00045	-.00980	.01201	295.15	.00681	.00409
Stddev	.00163	.00179	.00202	.00194	.00105	.63	.00037	.00026
%RSD	8.5534	33.566	453.47	19.748	8.7152	.21419	5.4891	6.2458
#1	.01808	.00713	.00184	-.01157	.01102	295.13	.00680	.00408
#2	.02093	.00356	-.00118	-.00773	.01192	294.53	.00719	.00434
#3	.01813	.00528	-.00200	-.01010	.01310	295.79	.00644	.00383
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	279.64	.05101	-.00054	.01032	99.146	.01528	289.19
Stddev	.00030	.83	.00057	.00037	.00145	.434	.00007	.61
%RSD	9.2534	.29605	1.1078	68.031	14.027	.43803	.43702	.21137
#1	-.00327	279.64	.05065	-.00097	.01056	99.066	.01532	288.79
#2	-.00294	278.81	.05072	-.00028	.01162	98.757	.01521	288.89
#3	-.00354	280.47	.05166	-.00038	.00876	99.614	.01532	289.89
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01514	-.00816	-.05399	.00056	-.01441	.01618	-.00311	-.00112
Stddev	.00058	.00035	.00796	.00059	.00020	.01973	.00005	.02909
%RSD	3.8249	4.2822	14.736	105.56	1.3549	121.89	1.6933	2601.2
#1	-.01543	-.00850	-.05531	.00010	-.01448	-.00618	-.00308	-.02903
#2	-.01447	-.00817	-.04546	.00035	-.01418	.03110	-.00317	.02902
#3	-.01552	-.00781	-.06121	.00123	-.01455	.02364	-.00308	-.00335
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01885	-.00607	.00725	-.00538	.00154	.0005	.00340	4.3040
Stddev	.00432	.00297	.00103	.00182	.00087	.0012	.00060	.2980
%RSD	22.932	48.985	14.139	33.894	56.651	242.3	17.627	6.9245
#1	.02129	-.00286	.00726	-.00329	.00251	.0014	.00343	4.4138
#2	.02139	-.00873	.00622	-.00617	.00129	.0008	.00398	4.5316
#3	.01386	-.00662	.00827	-.00666	.00082	-.0008	.00278	3.9667

Sample Name: ICSA01 Acquired: 6/13/2019 13:32:12 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	81.396
Stddev	1.528
%RSD	1.8771

#1	80.610
#2	80.420
#3	83.157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.4	30699.	3356.2	53.709	2235.6
Stddev	4.0	89.	10.0	1.582	2.7
%RSD	.18790	.28891	.29650	2.9448	.11909

#1	2123.8	30598.	3348.5	52.564	2233.0
#2	2131.7	30760.	3367.4	55.514	2238.3
#3	2126.7	30741.	3352.6	53.049	2235.6

Sample Name: ICSAB01 Acquired: 6/13/2019 13:36:50 Type: Unk
Method: P4-ICP2(v3198) 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	.12372	.11390	.05758	.03785	.66553	291.06	.58868	.57362
Stddev	.00267	.00036	.00129	.00196	.00262	1.32	.00206	.00190
%RSD	2.1555	.32013	2.2340	5.1893	.39434	.45355	.34968	.33113

#1	.12068	.11417	.05646	.03771	.66251	289.56	.58634	.57218
#2	.12481	.11404	.05729	.03989	.66728	292.04	.58951	.57291
#3	.12566	.11348	.05899	.03597	.66680	291.59	.59020	.57577

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0488	275.78	.59067	.53103	.52816	97.375	.54922	284.87
Stddev	.0018	.98	.00026	.00180	.00096	.409	.00090	1.04
%RSD	.16930	.35626	.04470	.33804	.18192	.41967	.16471	.36684

#1	1.0494	274.65	.59071	.53137	.52749	97.337	.54818	283.67
#2	1.0502	276.44	.59039	.53263	.52926	97.802	.54978	285.54
#3	1.0468	276.26	.59092	.52909	.52773	96.987	.54970	285.42

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0314	.21659	-.06377	.53509	1.1397	.00631	1.1088	1.1764
Stddev	.0009	.00117	.00864	.00107	.0026	.01649	.0041	.0163
%RSD	.08298	.54250	13.548	.20023	.22720	261.34	.37287	1.3881

#1	1.0306	.21560	-.06360	.53389	1.1390	.00659	1.1070	1.1947
#2	1.0323	.21628	-.07249	.53544	1.1426	-.01032	1.1135	1.1712
#3	1.0313	.21789	-.05521	.53595	1.1376	.02265	1.1059	1.1633

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1895	.98757	1.1225	1.1273	1.1199	1.162	1.0008	3.8896
Stddev	.0037	.00781	.0006	.0047	.0025	.001	.0064	.1494
%RSD	.31512	.79118	.04935	.41624	.22265	.0701	.64163	3.8404

#1	1.1933	.98915	1.1229	1.1231	1.1207	1.161	.99643	4.0413
#2	1.1859	.97909	1.1219	1.1324	1.1172	1.162	.99788	3.7427
#3	1.1894	.99448	1.1226	1.1264	1.1220	1.161	1.0082	3.8849

Sample Name: ICSAB01 Acquired: 6/13/2019 13:36:50 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	83.210
Stddev	2.071
%RSD	2.4895

#1	83.578
#2	85.073
#3	80.979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.5	31033.	3398.5	54.481	2232.8
Stddev	11.3	46.	11.5	1.200	6.4
%RSD	.52646	.14856	.33718	2.2028	.28607

#1	2143.9	31048.	3403.7	55.140	2231.3
#2	2132.1	30981.	3406.3	55.206	2227.4
#3	2154.6	31069.	3385.3	53.095	2239.9

Sample Name: CCV01 Acquired: 6/13/2019 13:41:15 Type: Unk
 Method: P4-ICP2(v3198) 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	5.1081	5.0643	5.0015	5.1330	5.1139	10.098	10.225	.25384
Stddev	.0138	.0098	.0082	.0252	.0154	.115	.045	.00051
%RSD	.27000	.19429	.16306	.49131	.30084	1.1396	.43715	.19909
#1	5.1236	5.0721	4.9951	5.1616	5.1261	9.9797	10.211	.25442
#2	5.0970	5.0532	5.0107	5.1140	5.0966	10.104	10.189	.25351
#3	5.1039	5.0675	4.9987	5.1234	5.1191	10.210	10.275	.25358
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5000	25.264	1.0158	2.5117	1.2906	5.1003	2.5552	25.199
Stddev	.0028	.249	.0005	.0021	.0054	.0024	.0022	.381
%RSD	.11220	.98601	.05114	.08256	.41990	.04736	.08540	1.5106
#1	2.5029	25.097	1.0153	2.5124	1.2956	5.0976	2.5562	24.965
#2	2.4998	25.144	1.0163	2.5093	1.2849	5.1019	2.5526	24.995
#3	2.4973	25.550	1.0157	2.5133	1.2915	5.1016	2.5566	25.638
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4980	1.2686	25.129	2.5078	2.5165	25.168	5.1402	5.0583
Stddev	.0057	.0032	.106	.0028	.0041	.141	.0162	.0399
%RSD	.22990	.24855	.42228	.11119	.16352	.56043	.31533	.78892
#1	2.5028	1.2669	25.081	2.5108	2.5211	25.163	5.1542	5.0140
#2	2.4996	1.2667	25.054	2.5074	2.5132	25.029	5.1225	5.0693
#3	2.4917	1.2723	25.250	2.5053	2.5153	25.311	5.1439	5.0915
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0475	5.0657	5.0317	5.2041	5.1535	5.060	5.1939	F 2.8505
Stddev	.0200	.0137	.0031	.0175	.0056	.007	.0091	.3326
%RSD	.39638	.27053	.06161	.33583	.10844	.1339	.17507	11.667
#1	5.0417	5.0606	5.0297	5.1845	5.1599	5.057	5.2027	2.9857
#2	5.0697	5.0813	5.0353	5.2097	5.1501	5.056	5.1846	3.0942
#3	5.0310	5.0553	5.0303	5.2181	5.1504	5.068	5.1944	2.4716

Sample Name: CCV01 Acquired: 6/13/2019 13:41:15 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7607
 Stddev .7563
 %RSD 27.396

#1 3.6061
 #2 2.5276
 #3 2.1483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.3	33214.	3427.6	56.812	2493.5
Stddev	7.3	121.	17.9	2.175	4.6
%RSD	.32202	.36384	.52340	3.8287	.18460

#1	2262.4	33112.	3407.6	54.301	2488.2
#2	2276.9	33347.	3432.9	58.093	2496.7
#3	2271.6	33182.	3442.3	58.043	2495.6

Sample Name: LLCCV01 Acquired: 6/13/2019 13:45:15 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02001	.04377	.01321	.02265	.05614	.10803	.10854
Stddev	.00198	.00161	.00072	.00294	.00153	.00780	.00401
%RSD	9.9061	3.6696	5.4230	12.968	2.7220	7.2201	3.6963

#1	.02081	.04193	.01394	.01935	.05733	.11676	.11106
#2	.01775	.04490	.01250	.02498	.05442	.10175	.10391
#3	.02147	.04448	.01319	.02360	.05667	.10557	.11065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	.00601	2.0464	.01085	.03030	.02314	.11065
Stddev	.00011	.00010	.0730	.00049	.00037	.00019	.00393
%RSD	1.7485	1.5859	3.5670	4.4746	1.2051	.82618	3.5557

#1	.00657	.00604	2.0781	.01113	.03034	.02336	.11256
#2	.00640	.00609	1.9629	.01029	.02991	.02300	.10613
#3	.00661	.00591	2.0982	.01112	.03064	.02307	.11327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02305	2.0978	.04121	.01192	1.9881	.04158	.04064
Stddev	.00071	.1024	.00023	.00068	.0689	.00120	.00007
%RSD	3.0926	4.8791	.56216	5.7159	3.4639	2.8861	.17905

#1	.02339	2.1071	.04104	.01168	2.0299	.04175	.04070
#2	.02223	1.9911	.04111	.01139	1.9086	.04031	.04067
#3	.02352	2.1952	.04147	.01269	2.0258	.04269	.04056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0819	.22552	.10924	.02042	.41181	.04114	.04334
Stddev	.0912	.00034	.01454	.00209	.00706	.00096	.00097
%RSD	4.3803	.14892	13.314	10.226	1.7135	2.3351	2.2428

#1	2.1647	.22573	.12580	.02054	.40399	.04222	.04244
#2	1.9842	.22570	.10333	.02245	.41772	.04082	.04437
#3	2.0968	.22513	.09857	.01828	.41371	.04039	.04322

Sample Name: LLCCV01 Acquired: 6/13/2019 13:45:15 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02170	.0196	.02335	F .45032	F<.00000
Stddev	.00128	.0006	.00013	1.2793	.28760
%RSD	5.8820	3.124	.55096	284.09	33.366
#1	.02036	.0202	.02320	1.4617	-1.1921
#2	.02184	.0190	.02342	-.98783	-.72797
#3	.02290	.0197	.02343	.87713	-.66576
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.7	35202.	3492.4	59.361	2817.7
Stddev	9.1	1053.	40.0	1.051	9.1
%RSD	.38495	2.9907	1.1448	1.7705	.32205
#1	2362.8	34584.	3532.5	59.200	2809.8
#2	2379.2	36417.	3452.6	60.483	2827.6
#3	2364.2	34603.	3491.9	58.400	2815.7

Sample Name: CCB01 Acquired: 6/13/2019 13:54:18 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.00017	-.00032	.00249	.00059	-.00575	-.00016
Stddev	.00126	.00020	.00030	.00081	.00084	.01559	.00037
%RSD	354.56	114.53	94.936	32.502	140.88	270.92	234.00

#1	-.00095	.00022	-.00031	.00337	.00149	-.00432	-.00006
#2	.00109	-.00004	-.00002	.00235	.00044	.00907	-.00058
#3	-.00121	.00035	-.00062	.00176	-.00016	-.02201	.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00003	.01546	.00015	-.00014	-.00021	-.00009
Stddev	.00008	.00003	.00483	.00026	.00017	.00038	.00008
%RSD	334.76	115.37	31.224	170.06	124.10	178.47	81.533

#1	.00005	-.00007	.01968	-.00013	-.00026	-.00065	-.00006
#2	-.00001	-.00000	.01651	.00039	.00006	-.00007	-.00004
#3	-.00012	-.00002	.01020	.00020	-.00022	.00007	-.00018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00223	-.00022	.00038	-.13779	-.00053	-.00068
Stddev	.00007	.07486	.00004	.00038	.00131	.00022	.00002
%RSD	177.51	3354.7	17.631	99.648	.94717	41.939	2.6217

#1	-.00001	.07962	-.00018	.00080	-.13630	-.00042	-.00067
#2	-.00012	-.01910	-.00022	.00004	-.13875	-.00079	-.00067
#3	.00001	-.06721	-.00025	.00031	-.13830	-.00038	-.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01580	.00003	.00944	-.00620	-.00109	-.00114	-.00146
Stddev	.01321	.00012	.00684	.00570	.00293	.00066	.00172
%RSD	83.620	357.68	72.471	91.933	269.33	57.911	117.71

#1	-.00067	.00007	.00283	-.00264	-.00074	-.00038	-.00337
#2	-.02168	.00013	.01649	-.00319	.00165	-.00157	-.00007
#3	-.02506	-.00010	.00899	-.01277	-.00417	-.00147	-.00093

Sample Name: CCB01 Acquired: 6/13/2019 13:54:18 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00286	.0010	.00004	F .74210	F<.00000
Stddev	.00070	.0013	.00009	.16032	1.2408
%RSD	24.642	136.6	197.11	21.604	206.14
#1	-.00367	.0023	.00012	.92648	.79123
#2	-.00254	-.0004	-.00005	.63545	-1.0087
#3	-.00237	.0011	.00005	.66438	-1.5882
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.1	34840.	3445.5	58.697	2833.0
Stddev	6.4	59.	4.6	.414	8.1
%RSD	.26846	.16832	.13329	.70506	.28419
#1	2375.3	34825.	3443.5	58.467	2829.8
#2	2377.8	34905.	3442.3	59.175	2827.0
#3	2387.4	34790.	3450.8	58.450	2842.2

Sample Name: PBS Acquired: 6/13/2019 13:58:29 Type: Unk
Method: P4-ICP2(v3198) 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	.00050	-.00026	-.00031	.00240	.00142	.00404	-.00033
Stddev	.00310	.00066	.00088	.00188	.00060	.00603	.00002
%RSD	616.83	255.05	279.63	78.230	42.353	149.22	6.4609

#1	.00271	-.00049	-.00097	.00332	.00187	-.00217	-.00031
#2	-.00305	-.00078	-.00065	.00024	.00074	.00989	-.00035
#3	.00184	.00049	.00068	.00364	.00166	.00441	-.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00002	.00624	-.00016	-.00016	.00031	.00044
Stddev	.00003	.00008	.01268	.00002	.00007	.00027	.00041
%RSD	1014.7	323.44	203.08	11.055	41.518	87.242	94.919

#1	-.00003	.00006	.02019	-.00018	-.00010	.00005	-.00004
#2	.00003	-.00005	-.00457	-.00016	-.00016	.00029	.00061
#3	.00002	-.00008	.00310	-.00014	-.00023	.00059	.00073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00079	-.00035	.00023	-.13012	-.00026	-.00063
Stddev	.00007	.06092	.00036	.00011	.00584	.00051	.00004
%RSD	374.52	7753.6	104.46	49.860	4.4856	195.29	5.6459

#1	.00006	-.06075	-.00076	.00026	-.13621	.00019	-.00060
#2	-.00008	.00203	-.00009	.00033	-.12959	-.00016	-.00062
#3	-.00004	.06108	-.00019	.00010	-.12457	-.00081	-.00067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04045	-.00001	-.00505	-.00527	-.00187	-.00114	.00014
Stddev	.02388	.00012	.00618	.00332	.00275	.00058	.00206
%RSD	59.033	1284.3	122.57	62.912	147.46	50.676	1431.1

#1	-.03037	-.00005	.00179	-.00890	-.00181	-.00177	-.00171
#2	-.02326	-.00011	-.00667	-.00453	-.00464	-.00100	.00236
#3	-.06771	.00013	-.01025	-.00239	.00086	-.00064	-.00022

Sample Name: PBS Acquired: 6/13/2019 13:58:29 Type: Unk
Method: P4-ICP2(v3198) 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	-.00299	.0006	.00009	F .93283	F<.00000
Stddev	.00211	.0006	.00007	.16289	.87473
%RSD	70.543	114.0	80.976	17.462	171.78
#1	-.00496	.0013	.00016	.81084	-.12642
#2	-.00324	.0002	.00002	1.1178	.10887
#3	-.00077	.0001	.00008	.86984	-1.5101
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.8	34942.	3471.7	58.356	2837.0
Stddev	5.1	34.	24.6	.157	7.4
%RSD	.21620	.09601	.70839	.26881	.25979
#1	2375.6	34980.	3466.2	58.458	2828.5
#2	2384.7	34917.	3498.5	58.433	2841.7
#3	2376.1	34929.	3450.3	58.175	2840.8

Sample Name: LCSS Acquired: 6/13/2019 14:02:59 Type: Unk
Method: P4-ICP2(v3198) 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	.79045	2.0644	1.0036	2.0451	.82974	2.0124	.20632	.20657
Stddev	.00236	.0032	.0033	.0028	.00179	.0332	.00191	.00035
%RSD	.29877	.15336	.33165	.13677	.21572	1.6499	.92659	.17139
#1	.79016	2.0670	1.0075	2.0484	.83122	2.0350	.20813	.20667
#2	.79295	2.0609	1.0017	2.0436	.83025	1.9743	.20432	.20618
#3	.78825	2.0653	1.0017	2.0434	.82775	2.0279	.20651	.20687
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19540	1.0622	.42721	.20208	.33835	3.2557	.21701	2.0924
Stddev	.00014	.0072	.00132	.00053	.00027	.0062	.00063	.0882
%RSD	.07085	.67618	.30948	.26304	.08085	.19028	.29078	4.2161
#1	.19542	1.0664	.42615	.20154	.33847	3.2589	.21665	2.0334
#2	.19553	1.0539	.42680	.20210	.33854	3.2596	.21773	2.0500
#3	.19526	1.0664	.42869	.20261	.33804	3.2485	.21663	2.1938
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50526	.07562	2.9605	.31374	.20095	10.187	.42346	.28908
Stddev	.00125	.00054	.0174	.00193	.00019	.088	.00098	.00485
%RSD	.24675	.71967	.58769	.61391	.09215	.86565	.23079	1.6779
#1	.50669	.07502	2.9686	.31197	.20077	10.269	.42381	.28897
#2	.50472	.07575	2.9406	.31579	.20114	10.094	.42421	.29399
#3	.50438	.07608	2.9724	.31345	.20093	10.198	.42235	.28429
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0314	.94468	.70417	.21475	.21489	5.733	.21532	F 1.8386
Stddev	.0233	.02588	.00092	.00630	.00670	.014	.00813	.1889
%RSD	.25858	2.7398	.13121	2.9352	3.1193	.2444	3.7754	10.272
#1	9.0282	.95670	.70524	.21781	.21727	5.741	.21800	1.6572
#2	9.0098	.91497	.70371	.20751	.20732	5.716	.20619	1.8245
#3	9.0562	.96236	.70358	.21895	.22008	5.741	.22177	2.0341

Sample Name: LCSS Acquired: 6/13/2019 14:02:59 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 6.7395
Stddev	.5941
%RSD	8.8150

#1	6.0703
#2	7.2047
#3	6.9435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.5	34642.	3483.8	60.717	2790.4
Stddev	5.7	116.	103.3	1.083	5.6
%RSD	.23946	.33369	2.9661	1.7834	.20161

#1	2362.1	34512.	3460.2	60.867	2784.0
#2	2370.6	34681.	3596.9	61.717	2793.8
#3	2372.8	34733.	3394.3	59.567	2793.5

Sample Name: 6010-SOIL-LLOQ Acquired: 6/13/2019 14:07:08 Type: Unk
Method: P4-ICP2(v3198) 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	.02197	.04414	.01212	.02106	.05671	.10924	.10897
Stddev	.00159	.00076	.00057	.00276	.00090	.00817	.00055
%RSD	7.2354	1.7112	4.7126	13.090	1.5844	7.4790	.50896

#1	.02068	.04441	.01246	.02420	.05673	.11270	.10957
#2	.02375	.04329	.01146	.01906	.05760	.09992	.10849
#3	.02147	.04472	.01244	.01990	.05581	.11512	.10884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00665	.00600	2.0587	.01079	.03026	.02279	.11178
Stddev	.00016	.00012	.0055	.00015	.00031	.00010	.00123
%RSD	2.3771	1.9175	.26501	1.3796	1.0081	.43283	1.0976

#1	.00669	.00587	2.0612	.01062	.02991	.02272	.11300
#2	.00679	.00609	2.0625	.01092	.03048	.02276	.11180
#3	.00648	.00604	2.0524	.01082	.03040	.02290	.11055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02339	2.1585	.04125	.01117	2.0018	.04257	.04012
Stddev	.00024	.0593	.00041	.00006	.0125	.00033	.00007
%RSD	1.0201	2.7459	.99842	.54494	.62504	.78205	.16804

#1	.02365	2.1271	.04082	.01124	2.0066	.04263	.04007
#2	.02333	2.1215	.04164	.01113	2.0113	.04286	.04009
#3	.02319	2.2269	.04130	.01115	1.9876	.04221	.04020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0898	.22408	.11031	.02200	.41437	.03962	.04463
Stddev	.0248	.00022	.00125	.00062	.00175	.00091	.00149
%RSD	1.1863	.09734	1.1317	2.8315	.42273	2.2937	3.3434

#1	2.0996	.22431	.11171	.02160	.41490	.04067	.04379
#2	2.1082	.22388	.10932	.02272	.41581	.03913	.04635
#3	2.0616	.22404	.10989	.02168	.41242	.03906	.04374

Sample Name: 6010-SOIL-LLOQ Acquired: 6/13/2019 14:07:08 Type: Unk
Method: P4-ICP2(v3198) 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	.01931	.0208	.02333	F 1.3926	F<.00000
Stddev	.00110	.0015	.00021	.1376	1.0295
%RSD	5.7214	7.117	.91583	9.8776	509.61

#1	.01938	.0195	.02315	1.2830	-1.1467
#2	.02037	.0224	.02328	1.3479	-.35470
#3	.01817	.0205	.02357	1.5470	.89533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.5	34853.	3470.2	58.631	2820.8
Stddev	6.2	144.	8.7	1.608	3.8
%RSD	.25947	.41409	.24930	2.7425	.13324

#1	2379.2	34737.	3469.4	60.483	2824.4
#2	2372.0	34807.	3461.9	57.808	2816.9
#3	2384.3	35015.	3479.2	57.600	2821.1

Sample Name: LCSW Acquired: 6/13/2019 14:34:23 Type: Unk
Method: P4-ICP2(v3198) 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	.78549	2.0311	.98673	2.0399	.82899	2.0084	.20819	.20371
Stddev	.00149	.0047	.00141	.0031	.00207	.0024	.00057	.00100
%RSD	.18986	.23141	.14326	.14964	.24972	.12080	.27389	.49219
#1	.78640	2.0270	.98514	2.0412	.82994	2.0067	.20792	.20485
#2	.78377	2.0362	.98722	2.0420	.83042	2.0111	.20779	.20294
#3	.78631	2.0301	.98784	2.0364	.82662	2.0073	.20884	.20335
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19143	1.0620	.42159	.19919	.33725	3.2156	.21490	2.0016
Stddev	.00016	.0078	.00011	.00007	.00098	.0041	.00036	.0428
%RSD	.08477	.73189	.02586	.03372	.29047	.12700	.16865	2.1367
#1	.19125	1.0585	.42169	.19921	.33683	3.2189	.21518	2.0403
#2	.19158	1.0566	.42147	.19924	.33656	3.2111	.21503	2.0089
#3	.19145	1.0709	.42161	.19911	.33837	3.2169	.21449	1.9557
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49667	.07462	2.9716	.30882	.19842	10.162	.42264	.31046
Stddev	.00135	.00038	.0055	.00117	.00041	.012	.00038	.01547
%RSD	.27124	.50749	.18499	.37925	.20557	.12212	.08916	4.9828
#1	.49597	.07436	2.9701	.31015	.19854	10.156	.42235	.32057
#2	.49582	.07505	2.9670	.30796	.19797	10.155	.42250	.29265
#3	.49822	.07444	2.9777	.30833	.19876	10.177	.42306	.31816
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9064	.95206	.69554	.21880	.21768	5.659	.21801	F 2.0983
Stddev	.0199	.01130	.00056	.00086	.00342	.010	.00100	.1122
%RSD	.22370	1.1868	.08108	.39194	1.5700	.1793	.45783	5.3461
#1	8.8920	.96436	.69575	.21960	.22113	5.670	.21909	2.1425
#2	8.8980	.94969	.69490	.21790	.21430	5.652	.21781	1.9708
#3	8.9291	.94213	.69597	.21889	.21760	5.653	.21713	2.1817

Sample Name: LCSW Acquired: 6/13/2019 14:34:23 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 7.0312
Stddev	.5397
%RSD	7.6763

#1	6.5495
#2	6.9295
#3	7.6145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.3	34428.	3424.5	59.239	2787.2
Stddev	4.6	176.	37.5	1.738	2.2
%RSD	.19472	.51173	1.0938	2.9337	.07806

#1	2340.9	34230.	3384.3	57.658	2784.8
#2	2342.4	34486.	3431.0	58.958	2787.8
#3	2349.5	34567.	3458.4	61.100	2789.1

Sample Name: PB120558BS Acquired: 6/13/2019 14:38:30 Type: Unk
Method: P4-ICP2(v3198) 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	.79530	2.0603	.99657	2.0521	.83429	2.0165	.20707	.20522
Stddev	.00217	.0061	.00067	.0033	.00148	.0157	.00088	.00021
%RSD	.27313	.29754	.06758	.15891	.17767	.77660	.42708	.10395
#1	.79760	2.0588	.99593	2.0511	.83519	2.0196	.20781	.20536
#2	.79329	2.0670	.99727	2.0558	.83510	1.9996	.20609	.20498
#3	.79502	2.0550	.99649	2.0495	.83258	2.0304	.20731	.20532
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19363	1.0750	.42666	.20184	.33905	3.2480	.21573	1.9928
Stddev	.00007	.0104	.00152	.00059	.00016	.0129	.00053	.0618
%RSD	.03861	.97050	.35732	.29214	.04838	.39766	.24592	3.1020
#1	.19361	1.0869	.42826	.20166	.33913	3.2560	.21614	2.0481
#2	.19357	1.0672	.42523	.20250	.33915	3.2331	.21513	2.0042
#3	.19371	1.0709	.42650	.20136	.33886	3.2550	.21592	1.9261
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50263	.07605	2.9816	.31209	.20025	10.219	.42487	.30605
Stddev	.00075	.00066	.0286	.00161	.00006	.048	.00162	.00950
%RSD	.14853	.87159	.95953	.51597	.02931	.46587	.38079	3.1036
#1	.50310	.07584	2.9908	.31343	.20018	10.209	.42600	.31295
#2	.50302	.07552	2.9495	.31030	.20029	10.177	.42558	.29522
#3	.50177	.07679	3.0045	.31254	.20027	10.271	.42301	.30999
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9810	.96250	.70315	.21909	.21988	5.718	.22009	F 1.5448
Stddev	.0155	.00899	.00114	.00449	.00093	.001	.00111	.2169
%RSD	.17278	.93373	.16204	2.0516	.42464	.0205	.50405	14.042
#1	8.9953	.95632	.70441	.21488	.21880	5.719	.21895	1.3779
#2	8.9831	.97281	.70219	.22383	.22044	5.716	.22116	1.7900
#3	8.9645	.95837	.70285	.21857	.22039	5.718	.22017	1.4666

Sample Name: PB120558BS Acquired: 6/13/2019 14:38:30 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.3332
Stddev .1114
%RSD 1.7593

#1 6.3104
#2 6.4542
#3 6.2349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.1	34594.	3418.1	58.628	2798.8
Stddev	4.3	79.	24.8	.661	2.1
%RSD	.18250	.22929	.72573	1.1275	.07357

#1	2356.2	34508.	3433.9	57.908	2796.7
#2	2362.9	34664.	3389.5	58.767	2798.8
#3	2364.3	34609.	3430.8	59.208	2800.8

Sample Name: PB120559BS Acquired: 6/13/2019 14:42:37 Type: Unk
Method: P4-ICP2(v3198) 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	.78671	2.0460	.98887	2.0315	.82914	1.9805	.20364	.20131
Stddev	.00243	.0082	.00151	.0026	.00139	.0258	.00202	.00441
%RSD	.30853	.39929	.15256	.12592	.16785	1.3016	.99166	2.1919
#1	.78877	2.0491	.99050	2.0342	.82930	1.9854	.20463	.20407
#2	.78403	2.0522	.98859	2.0313	.82767	2.0035	.20498	.20364
#3	.78732	2.0367	.98752	2.0290	.83044	1.9527	.20132	.19622
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19227	1.0521	.41500	.19906	.33654	3.1702	.21181	2.0342
Stddev	.00051	.0177	.00949	.00077	.00115	.0653	.00509	.0875
%RSD	.26671	1.6875	2.2875	.38690	.34302	2.0597	2.4032	4.3012
#1	.19279	1.0682	.42011	.19983	.33728	3.2064	.21518	2.1349
#2	.19225	1.0551	.42085	.19907	.33713	3.2093	.21429	1.9911
#3	.19176	1.0331	.40405	.19829	.33521	3.0948	.20595	1.9766
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49811	.07485	2.9187	.30568	.19848	10.020	.42257	.29523
Stddev	.00095	.00110	.0356	.00694	.00038	.134	.00136	.00964
%RSD	.19006	1.4714	1.2188	2.2689	.19190	1.3362	.32214	3.2660
#1	.49915	.07535	2.9298	.30987	.19892	10.068	.42319	.30396
#2	.49786	.07562	2.9474	.30949	.19825	10.124	.42352	.28488
#3	.49731	.07359	2.8789	.29767	.19826	9.8693	.42101	.29685
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9518	.94303	.69781	.21757	.21631	5.687	.21761	F 2.2131
Stddev	.0332	.01555	.00139	.00311	.00162	.027	.00060	.6639
%RSD	.37076	1.6492	.19959	1.4299	.75090	.4771	.27501	29.997
#1	8.9753	.95602	.69621	.21402	.21718	5.706	.21781	2.3567
#2	8.9664	.94726	.69864	.21980	.21443	5.700	.21694	2.7934
#3	8.9138	.92579	.69860	.21890	.21730	5.656	.21808	1.4892

Sample Name: PB120559BS Acquired: 6/13/2019 14:42:37 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.5632
Stddev 1.0428
%RSD 15.888

#1 5.5057
#2 7.5906
#3 6.5931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.1	35187.	3444.6	59.306	2801.2
Stddev	7.0	691.	18.7	.471	9.0
%RSD	.29633	1.9632	.54304	.79417	.32291

#1	2362.4	34736.	3425.7	59.717	2792.4
#2	2363.7	34843.	3445.1	58.792	2800.8
#3	2375.1	35982.	3463.1	59.408	2810.5

Sample Name: PB120565BL Acquired: 6/13/2019 14:46:43 Type: Unk
Method: P4-ICP2(v3198) 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	-.00012	.00038	.00043	.00265	.00055	.00723	-.00043
Stddev	.00173	.00076	.00104	.00272	.00148	.01528	.00021
%RSD	1390.5	200.12	243.23	102.70	270.72	211.36	47.966

#1	.00171	-.00033	.00147	.00337	-.00095	.02055	-.00042
#2	-.00036	.00030	-.00061	-.00036	.00059	.01059	-.00065
#3	-.00172	.00117	.00042	.00493	.00201	-.00945	-.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00008	.01845	-.00017	-.00033	-.00028	-.00017
Stddev	.00001	.00008	.01452	.00009	.00003	.00032	.00015
%RSD	344.79	92.005	78.722	50.688	9.9225	114.06	89.070

#1	.00002	-.00000	.02447	-.00018	-.00034	-.00032	-.00002
#2	-.00000	-.00016	.00188	-.00026	-.00029	.00006	-.00016
#3	-.00000	-.00009	.02899	-.00008	-.00035	-.00058	-.00033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00785	-.00024	-.00008	-.13578	-.00054	-.00101
Stddev	.00007	.07751	.00017	.00029	.00472	.00062	.00006
%RSD	23415.	986.86	69.350	346.91	3.4795	115.49	5.4646

#1	-.00007	.05201	-.00021	.00021	-.13379	-.00054	-.00106
#2	.00001	.01983	-.00042	-.00009	-.14117	.00008	-.00095
#3	.00006	-.09541	-.00009	-.00038	-.13238	-.00116	-.00102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03873	.00021	-.00126	-.00099	-.00017	-.00098	.00081
Stddev	.03624	.00020	.02618	.00382	.00210	.00042	.00122
%RSD	93.576	95.170	2075.6	386.11	1243.2	43.051	149.85

#1	-.07614	.00020	.02706	-.00494	-.00084	-.00065	-.00058
#2	-.00378	.00002	-.00627	-.00071	-.00185	-.00084	.00170
#3	-.03627	.00043	-.02458	.00268	.00218	-.00146	.00131

Sample Name: PB120565BL Acquired: 6/13/2019 14:46:43 Type: Unk
Method: P4-ICP2(v3198) 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	-.00281	.0013	.00008	F 1.2360	F<.00000
Stddev	.00114	.0007	.00007	.1724	.33528
%RSD	40.661	55.26	86.319	13.951	44.918
#1	-.00413	.0016	.00014	1.1510	-1.0559
#2	-.00222	.0018	.00009	1.4344	-.39025
#3	-.00209	.0005	.00001	1.1226	-.79315
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.1	35042.	3464.8	59.375	2858.2
Stddev	7.3	64.	20.9	2.444	6.2
%RSD	.30903	.18254	.60258	4.1169	.21762
#1	2384.4	35024.	3447.5	59.858	2864.9
#2	2369.7	34989.	3488.0	61.542	2852.7
#3	2377.2	35113.	3458.8	56.725	2856.9

Sample Name: PB120565BS Acquired: 6/13/2019 14:51:11 Type: Unk
Method: P4-ICP2(v3198) 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	.78394	2.0215	.97836	2.0190	.80686	1.9977	.20584
Stddev	.00161	.0064	.00167	.0081	.00127	.0141	.00031
%RSD	.20571	.31809	.17055	.40111	.15684	.70762	.15000

#1	.78250	2.0284	.97866	2.0282	.80647	2.0121	.20563
#2	.78364	2.0205	.97656	2.0160	.80827	1.9972	.20620
#3	.78568	2.0157	.97986	2.0128	.80583	1.9839	.20571

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20201	.19331	1.0517	.41803	.19993	.33160	3.1880
Stddev	.00083	.00021	.0122	.00111	.00035	.00023	.0059
%RSD	.40877	.10930	1.1627	.26635	.17335	.06828	.18508

#1	.20145	.19348	1.0565	.41794	.20011	.33162	3.1847
#2	.20295	.19337	1.0378	.41919	.19953	.33136	3.1948
#3	.20161	.19307	1.0608	.41697	.20015	.33181	3.1845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21344	1.9589	.49814	.07423	2.8979	.30777	.19621
Stddev	.00018	.0840	.00040	.00030	.0169	.00052	.00019
%RSD	.08547	4.2885	.08034	.40604	.58393	.17015	.09487

#1	.21328	2.0310	.49784	.07389	2.8894	.30812	.19642
#2	.21364	1.9789	.49798	.07445	2.9174	.30717	.19612
#3	.21339	1.8666	.49859	.07436	2.8869	.30802	.19609

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.045	.41369	.29995	F -.02663	.92156	.68562	.21126
Stddev	.045	.00049	.01877	.00240	.00427	.00251	.00235
%RSD	.44772	.11875	6.2575	8.9976	.46323	.36633	1.1134

#1	10.075	.41318	.28575	-.02933	.92638	.68606	.20860
#2	10.066	.41415	.29286	-.02582	.91826	.68292	.21309
#3	9.9931	.41375	.32123	-.02474	.92003	.68788	.21207

Sample Name: PB120565BS Acquired: 6/13/2019 14:51:11 Type: Unk
Method: P4-ICP2(v3198) 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	.21594	F 5.668	F .21545	2.6201	6.5068
Stddev	.00065	.001	.00028	.1126	.9486
%RSD	.29931	.0110	.12778	4.2966	14.579
#1	.21662	5.667	.21564	2.5574	6.8334
#2	.21587	5.668	.21556	2.7501	5.4380
#3	.21533	5.668	.21513	2.5529	7.2489
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.4	34423.	3423.6	58.803	2750.9
Stddev	10.3	100.	4.3	.827	8.9
%RSD	.43982	.29091	.12656	1.4069	.32218
#1	2335.7	34396.	3428.1	59.683	2740.7
#2	2351.1	34339.	3423.2	58.683	2754.6
#3	2355.3	34534.	3419.5	58.042	2757.2

Sample Name: PBW Acquired: 6/13/2019 15:04:44 Type: Unk
Method: P4-ICP2(v3198) 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	-.00068	.00066	.00050	.00169	.00208	.01375	-.00066
Stddev	.00049	.00049	.00022	.00282	.00071	.01105	.00039
%RSD	72.471	74.228	43.675	166.62	33.979	80.397	59.516

#1	-.00021	.00122	.00037	-.00145	.00127	.01356	-.00099
#2	-.00064	.00032	.00075	.00402	.00255	.00279	-.00075
#3	-.00118	.00044	.00038	.00251	.00242	.02490	-.00023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00008	-.00060	.00020	-.00011	-.00012	.00026
Stddev	.00004	.00002	.00565	.00013	.00016	.00031	.00040
%RSD	168.19	30.365	943.84	65.291	148.51	252.05	149.83

#1	.00001	-.00005	-.00598	.00005	-.00001	-.00045	-.00014
#2	-.00001	-.00010	-.00110	.00025	-.00002	.00017	.00027
#3	.00007	-.00007	.00529	.00029	-.00030	-.00009	.00066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01303	-.00026	.00038	-.15018	-.00031	.00132
Stddev	.00002	.03705	.00026	.00024	.00925	.00029	.00005
%RSD	367.94	284.23	97.909	63.581	6.1570	95.159	3.8593

#1	-.00003	-.03209	-.00004	.00030	-.15956	-.00046	.00129
#2	.00001	-.03668	-.00020	.00019	-.14990	.00003	.00138
#3	.00000	.02966	-.00054	.00065	-.14108	-.00049	.00129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04577	-.00029	.00119	-.00477	-.00215	-.00108	-.00064
Stddev	.03165	.00011	.01236	.00106	.00136	.00042	.00092
%RSD	69.157	37.207	1035.7	22.243	63.201	38.641	145.30

#1	-.05856	-.00018	-.00009	-.00492	-.00208	-.00082	.00028
#2	-.06902	-.00040	.01414	-.00365	-.00083	-.00086	-.00157
#3	-.00972	-.00031	-.01047	-.00576	-.00354	-.00156	-.00061

Sample Name: PBW Acquired: 6/13/2019 15:04:44 Type: Unk
 Method: P4-ICP2(v3198) 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	-.00216	.0000	.00001	F 1.2116	F<.00000
Stddev	.00081	.0019	.00008	.4488	.48267
%RSD	37.536	4668.	634.29	37.040	124.79
#1	-.00232	-.0017	-.00006	.71707	.08225
#2	-.00128	.0020	.00000	1.3248	-.88202
#3	-.00288	-.0002	.00010	1.5930	-.36062
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.0	34607.	3456.4	59.547	2802.3
Stddev	7.8	108.	27.1	.822	9.7
%RSD	.33063	.31149	.78537	1.3805	.34532
#1	2337.6	34483.	3432.3	59.292	2794.7
#2	2344.3	34673.	3451.1	58.883	2799.0
#3	2353.1	34666.	3485.8	60.467	2813.2

Sample Name: 6010-WATER-LLOQ Acquired: 6/13/2019 15:17:51 Type: Unk
Method: P4-ICP2(v3198) 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	.02123	.04435	.01332	.02497	.05627	.12158	.11121
Stddev	.00029	.00123	.00062	.00045	.00222	.00703	.00014
%RSD	1.3490	2.7745	4.6796	1.8130	3.9393	5.7852	.12782

#1	.02145	.04360	.01403	.02543	.05374	.12225	.11105
#2	.02091	.04368	.01292	.02496	.05722	.12826	.11124
#3	.02134	.04577	.01299	.02452	.05786	.11424	.11133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00672	.00609	2.1101	.01083	.03041	.02390	.11357
Stddev	.00008	.00007	.0126	.00021	.00019	.00031	.00010
%RSD	1.1938	1.0738	.59687	1.9017	.61569	1.2768	.08838

#1	.00677	.00616	2.1005	.01067	.03049	.02368	.11366
#2	.00677	.00606	2.1244	.01075	.03054	.02378	.11358
#3	.00663	.00604	2.1055	.01106	.03019	.02425	.11346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02362	2.1321	.04130	.01114	2.0284	.04216	.04455
Stddev	.00004	.0584	.00033	.00038	.0229	.00068	.00014
%RSD	.18840	2.7381	.80566	3.4150	1.1282	1.6141	.30967

#1	.02357	2.1986	.04129	.01152	2.0150	.04223	.04471
#2	.02366	2.1083	.04098	.01075	2.0548	.04144	.04447
#3	.02363	2.0894	.04164	.01116	2.0153	.04280	.04447

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1328	.22661	.12204	.01761	.41532	.04062	.04644
Stddev	.0310	.00055	.01840	.00267	.00141	.00027	.00126
%RSD	1.4538	.24178	15.078	15.143	.33857	.66025	2.7022

#1	2.1348	.22684	.14059	.01691	.41685	.04093	.04749
#2	2.1627	.22700	.10379	.01536	.41408	.04047	.04505
#3	2.1008	.22598	.12173	.02056	.41504	.04047	.04679

Sample Name: 6010-WATER-LLOQ Acquired: 6/13/2019 15:17:51 Type: Unk
Method: P4-ICP2(v3198) 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	.01971	.0237	.02374	F 1.4812	F<.00000
Stddev	.00273	.0009	.00007	.3631	.78023
%RSD	13.858	3.739	.29730	24.512	117.98

#1	.02252	.0246	.02370	1.5352	.03343
#2	.01707	.0228	.02382	1.8143	-1.5054
#3	.01953	.0236	.02369	1.0942	-.51202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.0	34371.	3450.5	60.678	2795.4
Stddev	5.8	163.	17.1	.777	6.8
%RSD	.24515	.47516	.49592	1.2812	.24387

#1	2342.3	34365.	3433.1	60.342	2789.2
#2	2352.1	34211.	3450.9	60.125	2802.7
#3	2352.5	34538.	3467.4	61.567	2794.3

Sample Name: CCV02 Acquired: 6/13/2019 15:22:30 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0650	5.0285	4.9721	5.0541	5.1042	10.115	10.246	.25325
Stddev	.0202	.0160	.0157	.0257	.0156	.056	.037	.00088
%RSD	.39829	.31765	.31600	.50914	.30567	.55388	.35746	.34739
#1	5.0581	5.0237	4.9651	5.0451	5.1028	10.065	10.211	.25364
#2	5.0493	5.0154	4.9611	5.0342	5.0894	10.175	10.285	.25387
#3	5.0878	5.0463	4.9901	5.0832	5.1205	10.105	10.243	.25225
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4827	25.189	1.0113	2.4992	1.2890	5.0943	2.5516	25.083
Stddev	.0088	.139	.0026	.0098	.0019	.0062	.0025	.040
%RSD	.35383	.55188	.25391	.39425	.15106	.12223	.09900	.15997
#1	2.4811	25.081	1.0112	2.4986	1.2912	5.0908	2.5519	25.083
#2	2.4748	25.346	1.0138	2.4897	1.2877	5.1015	2.5539	25.122
#3	2.4921	25.140	1.0087	2.5093	1.2881	5.0906	2.5489	25.042
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4833	1.2648	25.039	2.4921	2.5175	25.224	5.1065	5.0152
Stddev	.0050	.0013	.111	.0040	.0075	.201	.0164	.0016
%RSD	.20024	.10612	.44294	.15847	.29761	.79873	.32208	.03157
#1	2.4818	1.2657	24.931	2.4875	2.5177	24.999	5.1034	5.0136
#2	2.4793	1.2654	25.153	2.4945	2.5099	25.388	5.0918	5.0167
#3	2.4889	1.2632	25.033	2.4942	2.5249	25.284	5.1243	5.0153
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0121	4.9895	4.9988	5.1604	5.0738	5.063	5.1385	F 3.4900
Stddev	.0233	.0167	.0114	.0077	.0014	.020	.0032	.1844
%RSD	.46382	.33478	.22884	.14883	.02695	.4016	.06259	5.2841
#1	5.0132	5.0036	4.9981	5.1603	5.0724	5.066	5.1378	3.6937
#2	4.9883	4.9711	4.9878	5.1682	5.0740	5.042	5.1420	3.3345
#3	5.0348	4.9940	5.0106	5.1528	5.0751	5.083	5.1357	3.4419

Sample Name: CCV02 Acquired: 6/13/2019 15:22:30 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8489
Stddev	1.0031
%RSD	35.211

#1	3.8313
#2	1.8263
#3	2.8891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.4	32953.	3441.3	57.013	2480.0
Stddev	5.4	115.	17.4	.279	7.8
%RSD	.24005	.34816	.50531	.48870	.31435

#1	2260.2	32883.	3421.4	56.877	2479.9
#2	2266.0	32889.	3448.8	57.333	2487.8
#3	2255.1	33085.	3453.7	56.828	2472.2

Sample Name: CCB02 Acquired: 6/13/2019 15:26:29 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00176	.00151	.00193	.00222	.00500	.00004
Stddev	.00302	.00121	.00043	.00397	.00055	.01100	.00016
%RSD	2478.0	68.876	28.312	205.29	24.772	220.25	395.97

#1	.00020	.00224	.00102	.00208	.00170	-.00195	.00008
#2	-.00329	.00265	.00180	.00583	.00217	.01768	-.00014
#3	.00273	.00038	.00172	-.00211	.00280	-.00074	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00005	.01125	-.00029	-.00014	.00011	-.00008
Stddev	.00009	.00009	.00657	.00033	.00025	.00016	.00107
%RSD	147.95	187.02	58.414	114.06	176.36	142.98	1273.2

#1	.00014	-.00014	.01520	-.00063	.00013	.00018	-.00029
#2	.00008	.00001	.01490	-.00027	-.00019	-.00007	.00107
#3	-.00004	-.00000	.00367	.00003	-.00037	.00022	-.00104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.02727	-.00038	-.00015	-.14199	-.00039	.00090
Stddev	.00002	.04371	.00015	.00005	.00570	.00018	.00002
%RSD	30.445	160.27	40.013	32.714	4.0122	46.051	2.7065

#1	.00005	-.00318	-.00053	-.00016	-.14836	-.00031	.00092
#2	.00006	.07736	-.00022	-.00010	-.14022	-.00059	.00089
#3	.00008	.00764	-.00039	-.00020	-.13739	-.00026	.00087

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05044	.00079	.00388	-.00189	-.00070	-.00007	.00028
Stddev	.02098	.00012	.01742	.00236	.00297	.00036	.00116
%RSD	41.588	15.009	448.43	124.54	425.75	495.47	415.61

#1	-.02877	.00090	.00372	-.00338	-.00375	.00033	.00078
#2	-.07065	.00067	.02138	-.00312	.00219	-.00017	-.00104
#3	-.05190	.00078	-.01345	.00083	-.00053	-.00037	.00110

Sample Name: CCB02 Acquired: 6/13/2019 15:26:29 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	.0016	.00024	F .86496	F<.00000
Stddev	.00070	.0008	.00002	.22485	.58100
%RSD	31.425	54.55	8.6844	25.995	37.479
#1	-.00301	.0025	.00025	.67883	-1.2098
#2	-.00162	.0008	.00021	1.1148	-1.2198
#3	-.00210	.0013	.00024	.80127	-2.2211
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.6	34523.	3583.9	59.589	2798.4
Stddev	6.7	176.	168.2	2.257	11.3
%RSD	.28621	.51045	4.6929	3.7873	.40358
#1	2347.6	34369.	3776.3	62.058	2795.2
#2	2341.0	34484.	3510.8	59.075	2789.0
#3	2354.4	34715.	3464.6	57.633	2810.9

Sample Name: LR CHECK 1 Acquired: 6/13/2019 15:30:33 Type: Unk
Method: P4-ICP2(v3198) 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	.04458	.01953	-.00236	-.48147	.07581	2173.0	.01320	.10083
Stddev	.00460	.00147	.00320	.00714	.00812	32.4	.00034	.00135
%RSD	10.315	7.5134	135.90	1.4833	10.709	1.4887	2.6085	1.3345

#1	.04435	.01842	-.00476	-.48493	.07768	2135.8	.01325	.09953
#2	.04929	.02119	.00128	-.47326	.06692	2188.8	.01284	.10221
#3	.04010	.01898	-.00359	-.48623	.08284	2194.4	.01352	.10076

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15204	1815.4	.31657	.10755	1.0297	973.85	.00937	1903.7
Stddev	.00075	24.2	.00422	.00113	.0037	9.48	.00022	15.4
%RSD	.49589	1.3320	1.3324	1.0462	.36239	.97316	2.3230	.81080

#1	.15211	1787.4	.31189	.10662	1.0265	963.18	.00914	1886.1
#2	.15276	1829.9	.32007	.10880	1.0287	977.06	.00957	1914.5
#3	.15125	1828.7	.31777	.10724	1.0338	981.30	.00940	1910.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32049	-.23485	1779.2	.00436	.28495	931.93	.00829	-.70430
Stddev	.00271	.00246	41.7	.00090	.00305	3.36	.00221	.01776
%RSD	.84534	1.0482	2.3445	20.672	1.0700	.36086	26.691	2.5217

#1	.31938	-.23259	1739.1	.00358	.28745	928.11	.00794	-.69059
#2	.32358	-.23747	1822.3	.00415	.28585	934.44	.00627	-.69794
#3	.31851	-.23449	1776.1	.00534	.28155	933.25	.01066	-.72436

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55528	.01341	.08393	-.06615	.03446	.2849	-1.0574	<.00000
Stddev	.00983	.00118	.00328	.00185	.00104	.0013	.0105	.33816
%RSD	1.7707	8.8055	3.9089	2.7965	3.0153	.4641	.98900	2.1234

#1	.56639	.01364	.08127	-.06669	.03546	.2837	-1.0457	-16.315
#2	.55174	.01447	.08759	-.06766	.03339	.2849	-1.0608	-15.747
#3	.54771	.01214	.08292	-.06408	.03452	.2863	-1.0657	-15.713

Sample Name: LR CHECK 1 Acquired: 6/13/2019 15:30:33 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1631.3
Stddev	2.7
%RSD	.16730

#1	1634.0
#2	1631.5
#3	1628.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.2	24438.	3183.4	42.412	1288.7
Stddev	8.6	244.	8.3	1.058	4.8
%RSD	.51135	.99720	.25951	2.4942	.37289

#1	1683.4	24718.	3190.0	43.229	1293.5
#2	1680.7	24282.	3186.0	41.217	1288.6
#3	1667.4	24312.	3174.1	42.789	1283.9

Sample Name: LR CHECK 2 Acquired: 6/13/2019 15:35:35 Type: Unk
Method: P4-ICP2(v3198) 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	.04136	-.01904	252.25	.03752	-.06461	-.11723	97.434	-.00059
Stddev	.00099	.00346	1.37	.00485	.00377	.01480	1.253	.00007
%RSD	2.4004	18.157	.54270	12.914	5.8403	12.621	1.2862	11.242

#1	.04022	-.01646	253.78	.03485	-.06323	-.10160	98.659	-.00053
#2	.04205	-.01768	251.83	.04312	-.06172	-.11908	96.154	-.00066
#3	.04182	-.02297	251.15	.03460	-.06888	-.13101	97.490	-.00059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01516	.22880	-.11967	-.01678	226.26	-.54657	41.969	-.13633
Stddev	.00015	.00424	.00033	.00033	.54	.00708	.429	.01831
%RSD	1.0124	1.8512	.27616	1.9938	.23883	1.2947	1.0221	13.432

#1	-.01510	.22941	-.12005	-.01717	226.86	-.53840	42.152	-.11744
#2	-.01505	.23270	-.11949	-.01655	226.11	-.55084	41.479	-.15400
#3	-.01533	.22430	-.11947	-.01663	225.81	-.55047	42.277	-.13756

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.497	.01063	.59238	-.21188	33.197	.79062	.00028	-.00322
Stddev	.211	.00006	.08782	.00293	.188	.10902	.00070	.01616
%RSD	.40905	.53322	14.825	1.3840	.56588	13.790	251.23	502.09

#1	51.679	.01062	.68594	-.21382	33.380	.89600	.00088	-.01849
#2	51.267	.01058	.57946	-.20851	33.005	.79759	-.00049	.01370
#3	51.546	.01070	.51173	-.21332	33.206	.67828	.00044	-.00487

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11414	.01774	.00297	.02609	-.00203	.1079	.00739	3.0072
Stddev	.00607	.00091	.00093	.00139	.00125	.0082	.00005	.7043
%RSD	5.3157	5.1009	31.227	5.3409	61.487	7.604	.69550	23.420

#1	.11723	.01805	.00311	.02638	-.00275	.1021	.00743	3.1311
#2	.11804	.01672	.00198	.02457	-.00059	.1043	.00733	2.2492
#3	.10715	.01846	.00382	.02731	-.00275	.1172	.00740	3.6413

Sample Name: LR CHECK 2 Acquired: 6/13/2019 15:35:35 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .18437
 Stddev .72179
 %RSD 391.50

#1 .90619
 #2 -.53739
 #3 .18431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.3	35782.	3575.3	59.453	2546.9
Stddev	5.4	531.	4.0	.376	9.8
%RSD	.32180	1.4830	.11081	.63189	.38343

#1	1671.4	35492.	3578.2	59.858	2541.2
#2	1680.5	36394.	3570.8	59.383	2558.2
#3	1670.9	35459.	3577.0	59.117	2541.4

Sample Name: K3280-02 Acquired: 6/13/2019 15:49:37 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	-.00072	.01313	.00623	.00128	2.8092	.04655	.00019
Stddev	.00085	.00092	.00088	.00199	.00091	.0191	.00056	.00002
%RSD	39.702	128.11	6.6887	32.021	71.198	.68084	1.1941	11.156
#1	.00313	-.00062	.01410	.00627	.00116	2.8076	.04622	.00022
#2	.00160	-.00169	.01239	.00421	.00043	2.8291	.04719	.00019
#3	.00171	.00015	.01289	.00820	.00224	2.7910	.04623	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01372	30.393	.01603	.00094	.00663	2.0937	.01714	4.0024
Stddev	.00009	.187	.00042	.00020	.00043	.0034	.00009	.0206
%RSD	.68109	.61432	2.6448	21.321	6.4406	.16165	.52807	.51563
#1	.01372	30.244	.01650	.00071	.00677	2.0962	.01718	3.9989
#2	.01381	30.603	.01590	.00110	.00615	2.0949	.01719	3.9837
#3	.01362	30.334	.01568	.00100	.00696	2.0898	.01703	4.0245
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00541	-.00022	63.721	.00544	.01917	6.1276	.00064	.11728
Stddev	.00024	.00029	.061	.00035	.00031	.0867	.00017	.00601
%RSD	4.4860	129.03	.09539	6.4622	1.6276	1.4151	26.923	5.1234
#1	.00559	-.00034	63.685	.00578	.01896	6.0794	.00083	.11062
#2	.00514	-.00043	63.791	.00508	.01901	6.2277	.00054	.11894
#3	.00551	.00010	63.687	.00547	.01953	6.0758	.00053	.12229
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.002	8.0874	-.00917	.06517	.00062	.1296	.17638	2.3385
Stddev	.128	.0613	.00097	.00505	.00162	.0034	.00027	.1559
%RSD	.53405	.75798	10.614	7.7493	259.24	2.629	.15299	6.6657
#1	24.089	8.1581	-.00813	.06058	.00217	.1335	.17639	2.1971
#2	24.062	8.0495	-.00931	.06434	-.00106	.1282	.17665	2.3126
#3	23.855	8.0545	-.01006	.07058	.00076	.1271	.17611	2.5056

Sample Name: K3280-02 Acquired: 6/13/2019 15:49:37 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.30440
%RSD	56.191

#1	-.60597
#2	-.80888
#3	-.21033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.3	33571.	3468.1	57.526	2662.2
Stddev	17.1	97.	24.1	.533	20.2
%RSD	.74439	.28969	.69478	.92672	.75715

#1	2280.2	33463.	3450.4	56.929	2645.0
#2	2291.9	33598.	3495.5	57.954	2657.1
#3	2313.9	33652.	3458.3	57.696	2684.4

Sample Name: K3280-03 Acquired: 6/13/2019 15:54:01 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW02-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	-.00010	.00654	.00287	.00125	.09078	.06664
Stddev	.00157	.00138	.00120	.00422	.00054	.00600	.00046
%RSD	90.391	1369.6	18.397	147.12	43.375	6.6069	.69333

#1	-.00063	-.00095	.00787	.00233	.00121	.09401	.06651
#2	-.00354	.00149	.00553	-.00106	.00073	.09447	.06626
#3	-.00105	-.00085	.00622	.00733	.00181	.08386	.06715

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00009	15.444	.00965	.00041	.00190	.12993
Stddev	.00007	.00006	.113	.00023	.00019	.00024	.00083
%RSD	357.97	68.532	.72993	2.3505	46.869	12.472	.64240

#1	.00005	.00002	15.346	.00984	.00019	.00199	.12929
#2	-.00010	.00010	15.420	.00940	.00047	.00209	.12963
#3	-.00001	.00014	15.567	.00972	.00056	.00163	.13088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	3.2481	.00302	-.00032	106.28	.00031	.01594
Stddev	.00003	.0746	.00021	.00049	.46	.00022	.00014
%RSD	1.0222	2.2976	6.9575	155.46	.43184	72.647	.85592

#1	.00287	3.2049	.00282	-.00043	105.86	.00052	.01610
#2	.00281	3.2052	.00299	-.00075	106.20	.00034	.01585
#3	.00284	3.3343	.00324	.00022	106.77	.00007	.01587

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3739	.00052	.04682	F 15.611	5.0143	-.00727	.00168
Stddev	.0387	.00006	.01320	.014	.0014	.00081	.00058
%RSD	.88382	11.918	28.190	.09196	.02856	11.078	34.464

#1	4.3764	.00056	.03477	15.619	5.0127	-.00669	.00143
#2	4.3341	.00055	.06092	15.594	5.0153	-.00819	.00127
#3	4.4112	.00045	.04476	15.620	5.0149	-.00694	.00234

Sample Name: K3280-03 Acquired: 6/13/2019 15:54:01 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW02-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	.0061	.09541	2.6882	F<.00000
Stddev	.00063	.0013	.00043	.2051	.13495
%RSD	27.815	21.74	.45512	7.6289	3.1741
#1	-.00298	.0053	.09546	2.7620	-4.2784
#2	-.00190	.0077	.09496	2.8462	-4.3714
#3	-.00189	.0054	.09582	2.4565	-4.1055
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.6	33269.	3445.7	59.122	2631.8
Stddev	5.1	72.	10.3	2.213	6.9
%RSD	.22624	.21651	.29893	3.7427	.26346
#1	2267.6	33250.	3441.4	60.670	2623.8
#2	2272.3	33349.	3457.5	56.587	2635.3
#3	2277.9	33209.	3438.3	60.108	2636.3

Sample Name: K3280-04 Acquired: 6/13/2019 15:58:25 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW03-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00012	.00815	.00209	.00032	.03839	.13202
Stddev	.00054	.00030	.00032	.00247	.00070	.01164	.00020
%RSD	143.30	248.83	3.9633	117.81	217.89	30.326	.14775

#1	-.00028	.00007	.00844	.00078	-.00034	.05040	.13215
#2	.00011	-.00047	.00780	.00494	.00025	.03760	.13180
#3	-.00096	.00004	.00820	.00056	.00106	.02716	.13211

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01082	45.061	.00946	-.00007	.00252	.13788
Stddev	.00005	.00010	.178	.00023	.00028	.00029	.00062
%RSD	139.01	.87902	.39496	2.4356	412.72	11.453	.45152

#1	-.00002	.01071	44.884	.00959	-.00028	.00276	.13807
#2	.00007	.01083	45.060	.00960	-.00018	.00261	.13718
#3	.00005	.01090	45.240	.00920	.00025	.00220	.13838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	10.118	-.00139	-.00091	135.22	.00069	.02104
Stddev	.00007	.089	.00059	.00051	.13	.00044	.00018
%RSD	1.7298	.88049	42.183	55.528	.09468	63.808	.85672

#1	.00410	10.022	-.00192	-.00147	135.37	.00068	.02125
#2	.00397	10.199	-.00151	-.00078	135.16	.00026	.02090
#3	.00407	10.132	-.00076	-.00048	135.13	.00114	.02099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8536	.00014	.07588	7.3088	5.0061	-.00225	-.00037
Stddev	.0417	.00016	.00172	.0303	.0364	.00036	.00184
%RSD	.53071	111.81	2.2702	.41425	.72713	15.919	490.63

#1	7.8156	-.00004	.07397	7.2746	4.9673	-.00186	.00164
#2	7.8470	.00027	.07636	7.3198	5.0113	-.00234	-.00081
#3	7.8982	.00019	.07732	7.3321	5.0396	-.00256	-.00196

Sample Name: K3280-04 Acquired: 6/13/2019 15:58:25 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW03-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.0034	.32269	3.5753	F<.00000
Stddev	.00110	.0006	.00111	.1514	1.3260
%RSD	135.33	16.74	.34482	4.2344	34.233
#1	-.00191	.0037	.32156	3.6793	-4.7701
#2	-.00083	.0027	.32378	3.6449	-2.3503
#3	.00030	.0038	.32273	3.4016	-4.5002
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.3	32600.	3402.1	56.615	2550.6
Stddev	11.1	65.	7.5	1.100	11.1
%RSD	.49687	.19877	.22084	1.9423	.43578
#1	2218.7	32526.	3410.0	57.481	2538.1
#2	2231.4	32641.	3395.1	55.378	2554.0
#3	2240.8	32634.	3401.3	56.987	2559.6

Sample Name: K3280-05 Acquired: 6/13/2019 16:02:49 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00015	.00694	.00419	.00014	.05691	.02761
Stddev	.00166	.00049	.00051	.00082	.00064	.00622	.00027
%RSD	174.86	322.63	7.3525	19.490	469.04	10.929	.96593

#1	-.00137	-.00063	.00710	.00475	-.00031	.06401	.02780
#2	-.00235	-.00019	.00736	.00325	-.00015	.05428	.02730
#3	.00088	.00036	.00637	.00456	.00087	.05243	.02773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00254	16.568	.01419	-.00024	.00635	.03995
Stddev	.00004	.00003	.192	.00029	.00023	.00046	.00107
%RSD	138.16	1.0117	1.1567	2.0426	94.477	7.3027	2.6870

#1	-.00001	.00253	16.420	.01447	-.00037	.00689	.03958
#2	.00002	.00256	16.500	.01421	.00002	.00607	.03912
#3	.00008	.00252	16.784	.01390	-.00037	.00610	.04116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	2.8533	.00003	-.00057	29.493	.00112	.02935
Stddev	.00000	.1384	.00020	.00024	.236	.00043	.00022
%RSD	.16382	4.8494	600.28	42.157	.80076	38.078	.76474

#1	.00146	2.7163	.00026	-.00045	29.258	.00100	.02918
#2	.00146	2.8508	-.00001	-.00085	29.491	.00159	.02960
#3	.00145	2.9930	-.00014	-.00042	29.730	.00077	.02928

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4201	.00032	.01768	2.4947	4.5082	-.00206	-.00019
Stddev	.0300	.00012	.01218	.0076	.0341	.00009	.00073
%RSD	1.2397	37.258	68.920	.30679	.75579	4.6024	378.59

#1	2.3967	.00032	.00998	2.4992	4.4783	-.00216	.00060
#2	2.4097	.00020	.03173	2.4991	4.5453	-.00205	-.00084
#3	2.4539	.00044	.01133	2.4859	4.5011	-.00197	-.00034

Sample Name: K3280-05 Acquired: 6/13/2019 16:02:49 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01148	.0326	1.0691	2.0700	F<.00000
Stddev	.00083	.0022	.0072	.2462	.85980
%RSD	7.2277	6.649	.67031	11.896	51.289

#1	.01143	.0342	1.0621	2.2085	-.70427
#2	.01233	.0334	1.0764	2.2157	-1.9877
#3	.01068	.0301	1.0688	1.7857	-2.3371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.2	34140.	3465.7	59.453	2733.0
Stddev	3.0	42.	26.6	.577	2.8
%RSD	.12916	.12241	.76841	.97032	.10312

#1	2304.0	34138.	3466.3	58.805	2732.9
#2	2309.9	34099.	3438.8	59.909	2730.2
#3	2307.6	34183.	3492.0	59.646	2735.8

Sample Name: K3280-06 Acquired: 6/13/2019 16:07:14 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00048	.01071	.00125	.00111	.30230	.06292	.00002
Stddev	.00265	.00112	.00033	.00251	.00148	.02076	.00060	.00004
%RSD	239.42	233.11	3.0818	200.87	133.42	6.8688	.95477	253.72

#1	.00335	-.00127	.01087	-.00158	.00093	.28518	.06244	.00002
#2	.00179	.00080	.01032	.00212	-.00027	.29633	.06271	.00005
#3	-.00182	-.00098	.01092	.00322	.00268	.32540	.06359	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	32.543	.00912	.00024	.00507	.59995	.01201	1.4801
Stddev	.00004	.243	.00011	.00017	.00010	.00180	.00008	.0378
%RSD	47.484	.74647	1.2183	69.475	2.0630	.29927	.63699	2.5567

#1	-.00007	32.274	.00923	.00022	.00506	.60131	.01209	1.4516
#2	-.00005	32.606	.00910	.00008	.00518	.59792	.01200	1.4656
#3	-.00012	32.748	.00902	.00041	.00497	.60064	.01193	1.5230

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00050	12.762	.00292	.06766	1.6506	.00001	.04380
Stddev	.00011	.00045	.086	.00034	.00019	.0192	.00009	.01457
%RSD	15.998	89.377	.67486	11.548	.27880	1.1619	998.31	33.269

#1	.00058	-.00050	12.667	.00255	.06778	1.6366	-.00003	.02801
#2	.00079	-.00096	12.782	.00300	.06744	1.6427	-.00005	.04666
#3	.00075	-.00006	12.836	.00321	.06775	1.6724	.00011	.05673

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0639	6.8765	.03302	.01174	.01072	.0300	1.7301	1.4346
Stddev	.0029	.0369	.00068	.00023	.00075	.0002	.0014	.1582
%RSD	.09574	.53664	2.0477	1.9770	7.0222	.6837	.08081	11.025

#1	3.0607	6.9083	.03366	.01186	.00989	.0302	1.7291	1.3108
#2	3.0665	6.8852	.03310	.01147	.01091	.0298	1.7295	1.3802
#3	3.0644	6.8360	.03231	.01188	.01135	.0301	1.7317	1.6128

Sample Name: K3280-06 Acquired: 6/13/2019 16:07:14 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .65584
%RSD 1946.3

#1 -.54023
#2 .70711
#3 -.26797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.9	34440.	3484.4	58.942	2755.1
Stddev	8.4	40.	20.7	1.348	7.6
%RSD	.36306	.11739	.59371	2.2869	.27465

#1	2309.3	34397.	3462.5	57.833	2747.6
#2	2315.4	34446.	3487.1	58.552	2754.9
#3	2326.0	34477.	3503.6	60.442	2762.7

Sample Name: K3280-07 Acquired: 6/13/2019 16:11:36 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29D- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	-.00102	.00858	.00373	-.00045	.07138	.05898	.00012
Stddev	.00132	.00020	.00016	.00128	.00094	.02002	.00059	.00004
%RSD	70.528	19.268	1.8684	34.307	208.61	28.039	1.0069	32.587
#1	-.00298	-.00082	.00846	.00229	-.00142	.04827	.05831	.00008
#2	-.00041	-.00121	.00851	.00416	.00046	.08294	.05916	.00015
#3	-.00223	-.00103	.00876	.00475	-.00040	.08294	.05946	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	30.423	.00102	.00007	.00731	.03192	.01404	6.4478
Stddev	.00006	.368	.00025	.00007	.00038	.00090	.00007	.0304
%RSD	34.076	1.2091	24.581	95.092	5.2092	2.8096	.47232	.47211
#1	-.00011	30.020	.00127	.00006	.00726	.03111	.01403	6.4356
#2	-.00022	30.741	.00101	.00001	.00771	.03176	.01398	6.4825
#3	-.00020	30.509	.00077	.00015	.00696	.03289	.01411	6.4254
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00063	43.773	-.00009	.06369	1.9858	-.00000	.04520
Stddev	.00028	.00028	.398	.00017	.00026	.0541	.00035	.01686
%RSD	48.104	44.329	.90854	176.46	.41191	2.7261	80413.	37.310
#1	.00040	-.00036	43.320	-.00026	.06392	1.9327	.00038	.02846
#2	.00043	-.00092	44.062	.00007	.06375	2.0409	-.00033	.06218
#3	.00089	-.00060	43.939	-.00009	.06340	1.9837	-.00005	.04495
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8775	6.6804	-.00347	-.00151	.00084	.0018	.48685	1.7909
Stddev	.0204	.0652	.00108	.00050	.00118	.0016	.00340	.1791
%RSD	.29631	.97519	31.075	33.354	139.47	88.50	.69777	10.002
#1	6.8783	6.6957	-.00423	-.00094	-.00020	.0003	.48453	1.5970
#2	6.8974	6.6089	-.00394	-.00170	.00061	.0016	.48528	1.8256
#3	6.8567	6.7365	-.00224	-.00190	.00212	.0036	.49075	1.9502

Sample Name: K3280-07 Acquired: 6/13/2019 16:11:36 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29D- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .49964
%RSD 50.811

#1 -1.1999
#2 -.41194
#3 -1.3381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.3	33848.	3480.1	59.328	2686.1
Stddev	5.3	32.	34.5	1.217	10.8
%RSD	.23105	.09477	.99042	2.0516	.40129

#1	2291.5	33860.	3463.9	60.722	2686.0
#2	2287.5	33873.	3519.7	58.477	2675.4
#3	2298.0	33812.	3456.7	58.785	2696.9

Sample Name: PB120559BL Acquired: 6/13/2019 16:15:59 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00107	F .00405	.00036	.00186	.00760	-.00024
Stddev	.00339	.00091	.00087	.00193	.00177	.00803	.00046
%RSD	1769.5	85.064	21.541	530.66	94.996	105.75	193.17

#1	.00288	.00102	.00463	.00246	.00391	.01529	-.00027
#2	-.00382	.00200	.00304	-.00005	.00075	.00824	-.00068
#3	.00036	.00018	.00447	-.00132	.00094	-.00074	.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00002	.00687	.00008	-.00016	.00039	.00125
Stddev	.00003	.00003	.00640	.00022	.00010	.00064	.00061
%RSD	246.06	184.84	93.142	275.25	63.099	164.87	48.904

#1	.00001	-.00005	-.00036	-.00003	-.00027	.00087	.00152
#2	-.00001	.00000	.00917	.00034	-.00008	-.00034	.00167
#3	-.00005	-.00000	.01180	-.00007	-.00014	.00062	.00055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.04315	-.00034	-.00008	-.03660	-.00022	-.00046
Stddev	.00008	.06980	.00014	.00038	.00562	.00004	.00001
%RSD	106.67	161.77	39.748	505.76	15.352	16.756	3.1159

#1	-.00000	-.03272	-.00025	-.00037	-.04271	-.00026	-.00047
#2	.00007	.05753	-.00050	-.00020	-.03165	-.00023	-.00046
#3	.00016	.10463	-.00027	.00035	-.03544	-.00018	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01213	-.00026	-.00300	F -.02134	.00047	-.00127	-.00092
Stddev	.00963	.00031	.01365	.01030	.00093	.00039	.00145
%RSD	79.332	118.65	455.13	48.235	196.68	30.441	157.31

#1	.02322	.00004	-.01841	-.03243	.00009	-.00090	-.00256
#2	.00733	-.00058	.00757	-.01208	-.00020	-.00167	.00017
#3	.00586	-.00025	.00184	-.01952	.00153	-.00125	-.00037

Sample Name: PB120559BL Acquired: 6/13/2019 16:15:59 Type: Unk
Method: P4-ICP2(v3198) 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	-.00293	-.0006	.00009	F .71718	F<.00000
Stddev	.00039	.0005	.00004	.45663	.21847
%RSD	13.271	89.83	45.398	63.671	15.140
#1	-.00334	-.0010	.00005	1.1531	-1.2708
#2	-.00257	-.0009	.00013	.75607	-1.3694
#3	-.00288	.0000	.00008	.24234	-1.6887
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.9	34640.	3437.6	56.558	2822.3
Stddev	32.8	71.	16.3	.996	41.4
%RSD	1.3848	.20600	.47353	1.7611	1.4653
#1	2364.5	34558.	3430.3	55.550	2804.5
#2	2407.9	34683.	3456.3	56.583	2869.6
#3	2343.5	34679.	3426.3	57.542	2792.8

Sample Name: PB120558BL Acquired: 6/13/2019 16:20:27 Type: Unk
Method: P4-ICP2(v3198) 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	.00109	.00045	F .00343	.00415	.00201	.00286	.00024
Stddev	.00247	.00155	.00090	.00135	.00057	.00957	.00036
%RSD	226.50	344.12	26.260	32.575	28.388	334.40	152.66

#1	.00373	-.00101	.00440	.00557	.00161	-.00809	.00048
#2	.00071	.00208	.00262	.00288	.00175	.00963	.00040
#3	-.00117	.00028	.00328	.00399	.00266	.00704	-.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	-.00683	-.00008	-.00030	.00040	.00056
Stddev	.00004	.00002	.01438	.00011	.00003	.00020	.00030
%RSD	89.968	167.11	210.63	125.12	8.9781	48.875	52.751

#1	.00002	.00003	-.02182	-.00017	-.00033	.00028	.00054
#2	.00002	-.00001	.00685	-.00012	-.00030	.00031	.00027
#3	.00008	.00001	-.00552	.00003	-.00028	.00063	.00086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.02576	-.00051	-.00009	-.05084	-.00012	-.00061
Stddev	.00001	.07757	.00013	.00033	.00231	.00017	.00007
%RSD	29.665	301.13	25.021	344.26	4.5526	140.70	11.017

#1	.00004	.07825	-.00047	.00001	-.04965	-.00031	-.00068
#2	.00007	-.06334	-.00065	-.00046	-.04937	.00003	-.00055
#3	.00004	.06236	-.00041	.00017	-.05351	-.00008	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02480	.00012	-.00267	F -.02415	-.00095	-.00179	-.00167
Stddev	.03196	.00018	.00663	.00028	.00117	.00078	.00096
%RSD	128.86	147.81	248.34	1.1393	122.85	43.852	57.177

#1	-.00069	.00030	-.00221	-.02383	-.00230	-.00091	-.00104
#2	.01443	-.00005	-.00952	-.02433	-.00030	-.00203	-.00277
#3	.06067	.00011	.00371	-.02429	-.00025	-.00242	-.00121

Sample Name: PB120558BL Acquired: 6/13/2019 16:20:27 Type: Unk
Method: P4-ICP2(v3198) 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	-.00322	.0000	.00004	F .99545	F<.00000
Stddev	.00084	.0012	.00010	.06004	1.1443
%RSD	26.017	4024.	228.30	6.0315	129.09

#1	-.00276	-.0008	-.00007	1.0590	-2.0209
#2	-.00419	.0015	.00008	.98757	-.90572
#3	-.00272	-.0006	.00012	.93974	.26743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.0	34411.	3416.3	58.392	2795.2
Stddev	5.7	117.	23.6	1.630	5.1
%RSD	.24100	.33969	.69212	2.7918	.18246

#1	2339.5	34303.	3397.8	58.542	2789.3
#2	2348.5	34396.	3408.1	56.692	2798.7
#3	2350.0	34535.	3442.9	59.942	2797.5

Sample Name: CCV03 Acquired: 6/13/2019 16:24:55 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1274	5.0623	4.9917	5.0661	5.1392	10.025	10.106	.25256
Stddev	.0045	.0061	.0035	.0028	.0147	.138	.167	.00182
%RSD	.08681	.12031	.07062	.05457	.28548	1.3768	1.6507	.71975
#1	5.1239	5.0564	4.9880	5.0637	5.1531	9.8776	9.9232	.25046
#2	5.1324	5.0619	4.9951	5.0655	5.1406	10.151	10.250	.25371
#3	5.1258	5.0685	4.9919	5.0691	5.1239	10.045	10.147	.25351
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4944	24.915	1.0096	2.5158	1.3030	5.1029	2.5445	24.652
Stddev	.0044	.518	.0062	.0031	.0022	.0326	.0206	.265
%RSD	.17656	2.0790	.61518	.12258	.16758	.63901	.80925	1.0729
#1	2.4901	24.366	1.0024	2.5123	1.3053	5.0664	2.5209	24.394
#2	2.4941	25.395	1.0124	2.5177	1.3009	5.1293	2.5589	24.923
#3	2.4989	24.983	1.0138	2.5175	1.3028	5.1128	2.5537	24.639
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4928	1.2620	24.751	2.4842	2.5300	24.950	5.1588	4.9312
Stddev	.0057	.0103	.397	.0198	.0024	.414	.0130	.0919
%RSD	.22719	.81594	1.6029	.79757	.09349	1.6596	.25273	1.8633
#1	2.4865	1.2502	24.304	2.4614	2.5281	24.503	5.1594	4.8372
#2	2.4945	1.2694	25.062	2.4934	2.5293	25.320	5.1715	5.0208
#3	2.4974	1.2663	24.887	2.4977	2.5326	25.028	5.1454	4.9356
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0362	4.8554	5.0442	4.9710	4.9013	5.099	4.9522	F 3.3507
Stddev	.0199	.3541	.0101	.3892	.3815	.003	.3921	.1540
%RSD	.39465	7.2924	.19921	7.8284	7.7825	.0576	7.9182	4.5948
#1	5.0140	4.4507	5.0473	4.5217	4.4620	5.102	4.5012	3.1750
#2	5.0422	5.0073	5.0523	5.1921	5.0940	5.096	5.1422	3.4621
#3	5.0523	5.1082	5.0329	5.1992	5.1481	5.100	5.2130	3.4150

Sample Name: CCV03 Acquired: 6/13/2019 16:24:55 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1234
Stddev	.2919
%RSD	9.3441

#1	2.8668
#2	3.4409
#3	3.0624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.6	32829.	3513.5	57.234	2463.8
Stddev	9.5	163.	251.1	4.026	3.2
%RSD	.42250	.49512	7.1463	7.0334	.12812

#1	2231.4	32997.	3801.5	61.844	2460.9
#2	2235.1	32672.	3398.5	55.447	2463.5
#3	2249.3	32817.	3340.5	54.412	2467.1

Sample Name: CCB03 Acquired: 6/13/2019 16:28:54 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.00146	.00347	.00096	.00123	.00219	-.00027
Stddev	.00133	.00162	.00055	.00096	.00129	.00879	.00020
%RSD	150.87	110.73	15.898	99.676	104.99	402.27	75.304

#1	.00057	.00223	.00365	-.00014	.00017	.00445	-.00021
#2	-.00026	-.00040	.00391	.00155	.00086	.00963	-.00049
#3	.00235	.00256	.00285	.00148	.00267	-.00752	-.00010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00005	-.00418	.00008	-.00004	.00067	.00094
Stddev	.00005	.00004	.00079	.00016	.00023	.00016	.00044
%RSD	98.730	84.142	18.872	193.13	545.52	23.696	46.522

#1	.00010	-.00004	-.00389	-.00007	-.00017	.00086	.00044
#2	.00001	-.00008	-.00507	.00025	-.00017	.00060	.00124
#3	.00004	-.00001	-.00358	.00008	.00022	.00056	.00114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00174	-.00061	.00036	-.06766	-.00006	-.00048
Stddev	.00007	.04949	.00016	.00019	.01219	.00025	.00012
%RSD	106.14	2847.3	26.861	51.548	18.015	402.86	24.807

#1	.00001	.03582	-.00053	.00055	-.08152	-.00035	-.00040
#2	.00004	.02442	-.00050	.00036	-.06282	.00005	-.00043
#3	.00014	-.05502	-.00080	.00017	-.05863	.00011	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04370	.00113	.01423	F -.02941	-.00214	-.00017	-.00004
Stddev	.01697	.00004	.01353	.00206	.00069	.00020	.00191
%RSD	38.840	3.3852	95.050	6.9963	32.014	118.42	5333.2

#1	.02411	.00117	.01931	-.02796	-.00286	-.00013	.00206
#2	.05313	.00110	.02449	-.03176	-.00206	-.00039	-.00167
#3	.05387	.00111	-.00110	-.02850	-.00150	.00001	-.00049

Sample Name: CCB03 Acquired: 6/13/2019 16:28:54 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.0022	.00014	1.6733	<.00000
Stddev	.00089	.0004	.00006	.3301	.71225
%RSD	54.273	18.64	40.189	19.726	351.90
#1	-.00212	-.0018	.00019	1.9701	.13407
#2	-.00061	-.0022	.00016	1.3178	.27928
#3	-.00218	-.0026	.00008	1.7319	-1.0206
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.5	34285.	3388.8	57.553	2781.8
Stddev	7.6	81.	44.9	.410	4.0
%RSD	.32374	.23481	1.3238	.71264	.14461
#1	2325.8	34265.	3339.4	57.108	2777.3
#2	2338.0	34217.	3400.0	57.633	2783.0
#3	2339.7	34374.	3427.0	57.917	2785.1

Sample Name: K3279-08 Acquired: 6/13/2019 16:33:22 Type: Unk
Method: P4-ICP2(v3198) 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	.12667	.00071	.02046	.00631	.00061	7.4111	.03018	.00046
Stddev	.00244	.00058	.00107	.00063	.00086	.1080	.00018	.00003
%RSD	1.9269	81.535	5.2446	10.027	140.77	1.4572	.59935	7.3532
#1	.12400	.00008	.02165	.00583	-.00036	7.5318	.03037	.00043
#2	.12722	.00121	.02015	.00702	.00093	7.3777	.03015	.00046
#3	.12879	.00085	.01958	.00606	.00126	7.3237	.03001	.00050
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	3.3388	.00959	.00124	.05914	7.3303	.02640	.35398
Stddev	.00006	.0363	.00014	.00020	.00017	.0158	.00015	.00428
%RSD	13.156	1.0879	1.4263	16.351	.28326	.21556	.55352	1.2099
#1	-.00037	3.2997	.00972	.00136	.05914	7.3185	.02650	.35181
#2	-.00045	3.3452	.00962	.00135	.05931	7.3483	.02624	.35121
#3	-.00048	3.3716	.00945	.00100	.05898	7.3242	.02648	.35891
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	-.00019	77.076	.06034	.20990	1.5475	.01652	.11829
Stddev	.00051	.00014	.489	.00014	.00034	.0480	.00004	.01340
%RSD	9.3574	73.162	.63465	.23117	.16289	3.1042	.26050	11.325
#1	.00601	-.00033	76.534	.06050	.20956	1.6028	.01656	.11784
#2	.00499	-.00005	77.485	.06026	.20989	1.5154	.01652	.13191
#3	.00539	-.00019	77.209	.06026	.21024	1.5245	.01648	.10513
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8577	9.3330	-.00040	.14353	-.00124	.8184	.02663	1.4949
Stddev	.0196	.0701	.00024	.00425	.00096	.0039	.00017	.2390
%RSD	.28542	.75157	60.609	2.9577	77.381	.4825	.64013	15.988
#1	6.8784	9.4055	-.00058	.14807	-.00015	.8226	.02677	1.2190
#2	6.8396	9.3280	-.00049	.14287	-.00193	.8147	.02644	1.6377
#3	6.8550	9.2655	-.00012	.13966	-.00164	.8180	.02669	1.6280

Sample Name: K3279-08 Acquired: 6/13/2019 16:33:22 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.2913
 Stddev .5752
 %RSD 13.405

#1 4.2742
 #2 4.8749
 #3 3.7248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.9	34565.	3543.8	58.280	2683.8
Stddev	7.7	85.	14.4	1.987	10.1
%RSD	.32687	.24455	.40583	3.4087	.37791

#1	2335.2	34622.	3532.7	58.303	2673.1
#2	2342.9	34468.	3538.6	56.282	2685.2
#3	2350.5	34605.	3560.0	60.256	2693.2

Sample Name: K3280-08 Acquired: 6/13/2019 16:37:46 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00016	.00531	.00241	-.00097	-.01178	.12534
Stddev	.00198	.00031	.00090	.00148	.00072	.00736	.00036
%RSD	276.06	195.90	17.031	61.531	73.908	62.452	.28771

#1	.00095	-.00046	.00440	.00412	-.00100	-.02014	.12517
#2	-.00137	-.00016	.00621	.00166	-.00024	-.00889	.12510
#3	.00257	.00015	.00532	.00146	-.00167	-.00630	.12576

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00028	30.113	.01598	.00242	.00196	.04780
Stddev	.00004	.00003	.258	.00035	.00006	.00031	.00085
%RSD	432.93	9.2335	.85725	2.2020	2.5816	15.973	1.7686

#1	.00002	-.00031	29.853	.01595	.00236	.00192	.04804
#2	.00001	-.00028	30.115	.01634	.00243	.00230	.04850
#3	-.00006	-.00026	30.369	.01564	.00248	.00168	.04686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05354	7.5484	-.00012	-.00027	119.23	.00013	.02128
Stddev	.00061	.0955	.00014	.00004	.31	.00056	.00003
%RSD	1.1386	1.2656	119.41	14.421	.25755	418.81	.13693

#1	.05399	7.4609	-.00020	-.00031	118.99	-.00044	.02132
#2	.05378	7.5340	-.00020	-.00026	119.12	.00068	.02126
#3	.05284	7.6503	.00004	-.00024	119.57	.00017	.02127

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1614	.00015	.06801	F 10.720	5.2920	-.00490	-.00167
Stddev	.0694	.00027	.01527	.016	.0363	.00057	.00034
%RSD	1.6682	183.75	22.455	.14653	.68633	11.645	20.304

#1	4.1129	-.00014	.07499	10.708	5.2738	-.00550	-.00197
#2	4.1304	.00018	.07854	10.738	5.3338	-.00437	-.00130
#3	4.2409	.00040	.05049	10.715	5.2683	-.00483	-.00175

Sample Name: K3280-08 Acquired: 6/13/2019 16:37:46 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	-.0001	.25243	3.2319	F<.00000
Stddev	.00057	.0010	.00139	.1352	.62618
%RSD	28.338	996.2	.55088	4.1826	15.817

#1	-.00156	-.0009	.25083	3.0797	-3.7555
#2	-.00181	.0010	.25331	3.3380	-3.4596
#3	-.00265	-.0004	.25316	3.2781	-4.6614

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2242.3	33049.	3433.7	58.255	2593.0
Stddev	2.2	99.	25.9	1.568	5.5
%RSD	.09928	.29824	.75509	2.6920	.21327

#1	2239.8	32949.	3429.9	56.505	2586.7
#2	2243.8	33051.	3409.9	58.729	2595.0
#3	2243.4	33146.	3461.3	59.532	2597.3

Sample Name: K3280-08DUP Acquired: 6/13/2019 16:42:11 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	-.00010	.00499	.00253	-.00045	-.00830	.12659
Stddev	.00195	.00107	.00056	.00296	.00094	.00356	.00072
%RSD	312.56	1100.2	11.224	117.13	208.40	42.935	.56942

#1	-.00199	.00027	.00445	-.00072	.00059	-.00680	.12642
#2	.00161	-.00130	.00496	.00507	-.00124	-.01237	.12738
#3	-.00149	.00074	.00557	.00323	-.00071	-.00573	.12597

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00017	30.326	.01605	.00243	.00181	.03209
Stddev	.00003	.00009	.232	.00044	.00015	.00062	.00099
%RSD	86.628	51.456	.76361	2.7440	6.2529	33.954	3.0933

#1	.00005	-.00026	30.095	.01559	.00257	.00134	.03223
#2	.00000	-.00015	30.558	.01647	.00244	.00160	.03301
#3	.00007	-.00009	30.324	.01610	.00227	.00251	.03104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05320	7.6777	-.00047	-.00091	119.45	-.00025	.02016
Stddev	.00022	.1054	.00022	.00039	.60	.00024	.00021
%RSD	.40836	1.3722	46.407	42.706	.50551	99.336	1.0563

#1	.05297	7.6277	-.00022	-.00056	119.46	.00002	.02038
#2	.05325	7.7987	-.00062	-.00132	120.05	-.00031	.02015
#3	.05339	7.6066	-.00058	-.00084	118.84	-.00045	.01995

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1834	.00003	.06264	F 10.728	5.2022	-.00424	-.00185
Stddev	.0458	.00017	.00173	.006	.0251	.00060	.00079
%RSD	1.0951	634.24	2.7639	.05161	.48295	14.043	42.431

#1	4.1328	-.00017	.06416	10.734	5.1907	-.00367	-.00253
#2	4.1954	.00012	.06301	10.724	5.1849	-.00486	-.00204
#3	4.2221	.00014	.06076	10.726	5.2310	-.00420	-.00099

Sample Name: K3280-08DUP Acquired: 6/13/2019 16:42:11 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	.0003	.25115	3.2323	F<.00000
Stddev	.00095	.0009	.00139	.3120	.38969
%RSD	94.596	301.6	.55459	9.6511	9.3986
#1	.00000	-.0007	.24961	3.5734	-3.6963
#2	-.00188	.0006	.25151	2.9615	-4.3713
#3	-.00112	.0010	.25232	3.1621	-4.3713
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.4	33069.	3487.6	60.106	2596.1
Stddev	12.0	101.	6.1	1.560	10.5
%RSD	.53045	.30612	.17353	2.5947	.40380
#1	2241.8	32978.	3486.0	58.308	2585.0
#2	2256.0	33052.	3494.3	61.096	2597.5
#3	2265.6	33178.	3482.6	60.914	2605.9

Sample Name: K3280-08LX5 Acquired: 6/13/2019 16:46:36 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00022	.00178	.00161	-.00098	-.00173	.02518
Stddev	.00188	.00096	.00021	.00081	.00139	.00640	.00029
%RSD	813.35	434.60	12.086	50.457	142.27	370.85	1.1675

#1	-.00204	.00051	.00174	.00143	.00053	.00357	.02509
#2	-.00037	.00014	.00201	.00250	-.00126	.00010	.02493
#3	.00172	-.00131	.00158	.00090	-.00221	-.00884	.02550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00014	6.1374	.00351	.00050	.00090	.00722
Stddev	.00003	.00006	.0736	.00006	.00001	.00021	.00019
%RSD	165.15	39.474	1.1996	1.6888	2.7266	23.515	2.6662

#1	-.00002	-.00012	6.0524	.00352	.00050	.00078	.00702
#2	.00003	-.00010	6.1772	.00357	.00051	.00115	.00740
#3	.00005	-.00021	6.1826	.00345	.00048	.00078	.00725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01129	1.5839	-.00059	.00022	24.324	-.00034	.00405
Stddev	.00007	.0313	.00054	.00022	.298	.00029	.00001
%RSD	.63544	1.9743	92.224	98.563	1.2255	84.825	.13654

#1	.01136	1.5513	-.00020	.00048	24.013	-.00064	.00405
#2	.01121	1.6137	-.00121	.00006	24.607	-.00033	.00406
#3	.01130	1.5867	-.00036	.00013	24.351	-.00006	.00405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83838	-.00004	.00907	2.5186	1.1267	-.00240	.00069
Stddev	.02753	.00017	.00563	.0119	.0812	.00038	.00242
%RSD	3.2832	411.18	62.078	.47226	7.2102	15.787	350.82

#1	.81347	.00012	.00324	2.5068	1.0337	-.00239	-.00155
#2	.86793	-.00003	.00950	2.5306	1.1627	-.00279	.00325
#3	.83372	-.00021	.01448	2.5184	1.1837	-.00203	.00036

Sample Name: K3280-08LX5 Acquired: 6/13/2019 16:46:36 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	.0010	.05071	2.4626	F<.00000
Stddev	.00130	.0016	.00411	.3230	.61530
%RSD	87.430	157.2	8.0979	13.114	30.483
#1	-.00079	.0013	.04597	2.4789	-1.3242
#2	-.00299	-.0007	.05286	2.1318	-2.4961
#3	-.00068	.0025	.05329	2.7771	-2.2352
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.0	33706.	3557.4	60.248	2711.5
Stddev	8.2	197.	241.3	3.367	7.2
%RSD	.35893	.58361	6.7825	5.5891	.26405
#1	2297.9	33520.	3835.7	64.103	2718.3
#2	2284.5	33686.	3427.7	58.766	2704.0
#3	2299.5	33911.	3408.6	57.876	2712.4

Sample Name: K3280-09 Acquired: 6/13/2019 16:51:01 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3280-08MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75110	1.7765	.89228	1.8415	.77418	1.9130	.32403	.18864
Stddev	.00272	.0010	.00290	.0147	.00128	.0166	.00179	.00013
%RSD	.36239	.05870	.32483	.79710	.16581	.86621	.55233	.07064
#1	.75416	1.7774	.88950	1.8585	.77398	1.9057	.32318	.18860
#2	.74893	1.7767	.89205	1.8325	.77301	1.9320	.32609	.18854
#3	.75022	1.7754	.89529	1.8336	.77556	1.9014	.32283	.18880
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17813	31.847	.40852	.19028	.30053	2.9831	.24951	9.6213
Stddev	.00012	.292	.00144	.00031	.00110	.0060	.00075	.0534
%RSD	.06970	.91661	.35175	.16063	.36733	.20214	.30209	.55483
#1	.17803	31.729	.40771	.19054	.29933	2.9783	.24919	9.5779
#2	.17827	32.179	.41018	.18994	.30076	2.9899	.25037	9.6809
#3	.17809	31.632	.40767	.19036	.30150	2.9811	.24897	9.6052
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46145	.06677	123.06	.29513	.21143	13.751	.40318	.34485
Stddev	.00068	.00060	.82	.00107	.00021	.086	.00065	.01290
%RSD	.14798	.90229	.66900	.36266	.09869	.62306	.16149	3.7401
#1	.46099	.06688	122.58	.29554	.21141	13.717	.40258	.35939
#2	.46223	.06731	124.02	.29593	.21123	13.849	.40309	.33480
#3	.46111	.06612	122.60	.29391	.21165	13.688	.40387	.34035
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.923	6.2452	.65610	.20069	.19938	5.575	.45346	4.1372
Stddev	.006	.0159	.00244	.00098	.00085	.016	.00108	.1063
%RSD	.05108	.25430	.37208	.48875	.42435	.2888	.23815	2.5694
#1	10.919	6.2588	.65363	.20147	.19880	5.579	.45357	4.1741
#2	10.920	6.2278	.65617	.20102	.19899	5.557	.45449	4.2201
#3	10.929	6.2491	.65851	.19959	.20035	5.589	.45234	4.0174

Sample Name: K3280-09 Acquired: 6/13/2019 16:51:01 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K3280-08MS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7038
 Stddev .1889
 %RSD 6.9857

#1 2.9197
 #2 2.6220
 #3 2.5696

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.6	33035.	3394.0	59.005	2568.2
Stddev	6.9	148.	12.9	1.667	8.0
%RSD	.30866	.44870	.37973	2.8247	.31054

#1	2241.3	32995.	3379.1	59.781	2563.1
#2	2246.5	32911.	3401.7	57.091	2564.0
#3	2255.0	33199.	3401.1	60.142	2577.4

Sample Name: K3280-10 Acquired: 6/13/2019 16:55:06 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3280-08MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74279	1.7598	.87946	1.8288	.76179	1.8872	.32098	.18666
Stddev	.00670	.0020	.00267	.0049	.00087	.0205	.00185	.00042
%RSD	.90266	.11228	.30361	.26575	.11432	1.0867	.57749	.22325
#1	.74572	1.7598	.88229	1.8268	.76279	1.9104	.32137	.18671
#2	.73512	1.7578	.87698	1.8253	.76117	1.8716	.32261	.18622
#3	.74754	1.7618	.87913	1.8344	.76142	1.8795	.31897	.18705
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17646	31.480	.40368	.18886	.29922	2.9581	.24671	9.4632
Stddev	.00017	.186	.00301	.00048	.00152	.0075	.00073	.0422
%RSD	.09419	.59087	.74474	.25193	.50778	.25504	.29635	.44625
#1	.17661	31.381	.40714	.18931	.29936	2.9629	.24755	9.4209
#2	.17648	31.695	.40216	.18892	.29763	2.9494	.24621	9.5054
#3	.17628	31.365	.40174	.18836	.30066	2.9621	.24636	9.4633
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45627	.06635	121.84	.29182	.20882	13.715	.39812	.34856
Stddev	.00051	.00055	.46	.00011	.00040	.047	.00076	.00702
%RSD	.11133	.82970	.37770	.03802	.19120	.33927	.19214	2.0145
#1	.45624	.06623	122.09	.29172	.20882	13.664	.39878	.34307
#2	.45679	.06587	122.12	.29181	.20842	13.724	.39729	.35647
#3	.45577	.06695	121.31	.29194	.20922	13.756	.39830	.34613
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.769	6.1660	.64692	.19946	.19656	5.509	.44924	4.1605
Stddev	.035	.0542	.00268	.00240	.00159	.021	.00166	.0138
%RSD	.32839	.87913	.41469	1.2019	.80963	.3866	.36921	.33226
#1	10.792	6.1805	.64974	.20115	.19477	5.533	.44970	4.1503
#2	10.787	6.1060	.64660	.20052	.19781	5.501	.44739	4.1550
#3	10.728	6.2115	.64441	.19672	.19711	5.493	.45061	4.1763

Sample Name: K3280-10 Acquired: 6/13/2019 16:55:06 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3280-08MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.2874
Stddev	.4462
%RSD	19.505

#1	2.7679
#2	1.8862
#3	2.2082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.8	33017.	3398.9	56.835	2572.5
Stddev	8.7	164.	28.9	1.211	5.3
%RSD	.38535	.49588	.85016	2.1304	.20691

#1	2246.8	32850.	3387.9	56.375	2567.7
#2	2258.3	33177.	3431.7	58.208	2578.2
#3	2241.3	33024.	3377.1	55.922	2571.6

Sample Name: K3280-08A Acquired: 6/13/2019 16:59:12 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74184	1.7554	.88194	1.8223	.75828	1.8903	.31943	.18602
Stddev	.00509	.0011	.00172	.0047	.00252	.0074	.00188	.00042
%RSD	.68553	.06060	.19543	.25650	.33216	.39019	.58894	.22678
#1	.74749	1.7546	.88081	1.8263	.76004	1.8988	.31740	.18610
#2	.73763	1.7566	.88107	1.8172	.75940	1.8858	.31978	.18556
#3	.74040	1.7549	.88392	1.8234	.75539	1.8862	.32112	.18639
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17621	31.378	.40417	.18789	.29705	2.9545	.24649	9.3403
Stddev	.00027	.171	.00186	.00042	.00055	.0117	.00026	.0614
%RSD	.15367	.54635	.45920	.22436	.18464	.39448	.10607	.65789
#1	.17604	31.180	.40227	.18801	.29751	2.9512	.24625	9.3384
#2	.17606	31.464	.40425	.18742	.29644	2.9450	.24646	9.4026
#3	.17652	31.489	.40598	.18823	.29721	2.9675	.24677	9.2798
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45628	.06642	121.21	.29206	.20622	13.551	.39534	.34602
Stddev	.00117	.00030	.64	.00093	.00058	.042	.00137	.01016
%RSD	.25608	.45427	.53049	.31926	.28038	.30754	.34567	2.9350
#1	.45635	.06607	120.61	.29281	.20599	13.510	.39658	.33858
#2	.45507	.06663	121.13	.29101	.20579	13.549	.39388	.34189
#3	.45740	.06655	121.89	.29235	.20688	13.593	.39557	.35759
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.785	6.1913	.64547	.19788	.19715	5.501	.44712	4.0649
Stddev	.013	.0225	.00282	.00378	.00161	.020	.00178	.2517
%RSD	.11911	.36407	.43712	1.9123	.81897	.3621	.39886	6.1915
#1	10.770	6.1820	.64636	.19393	.19578	5.482	.44570	4.1818
#2	10.791	6.1749	.64775	.19826	.19675	5.521	.44654	4.2369
#3	10.794	6.2170	.64232	.20147	.19893	5.500	.44912	3.7761

Sample Name: K3280-08A Acquired: 6/13/2019 16:59:12 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6164
Stddev 1.1905
%RSD 73.656

#1 2.4193
#2 2.1812
#3 .24854

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2249.8	33087.	3389.7	60.167	2568.8
Stddev	4.1	39.	9.0	2.369	1.1
%RSD	.18427	.11822	.26635	3.9373	.04167

#1	2245.1	33044.	3380.0	57.808	2568.8
#2	2251.5	33095.	3397.8	60.146	2567.8
#3	2252.9	33122.	3391.4	62.546	2569.9

Sample Name: K3280-11 Acquired: 6/13/2019 17:03:17 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00035	.00470	.00537	.00043	-.00420	.12720
Stddev	.00629	.00087	.00070	.00146	.00124	.00332	.00157
%RSD	942.90	246.95	14.869	27.091	284.23	78.904	1.2308

#1	.00619	.00065	.00390	.00529	.00170	-.00090	.12675
#2	-.00202	-.00089	.00502	.00687	.00038	-.00418	.12894
#3	-.00617	-.00083	.00518	.00396	-.00077	-.00753	.12591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00025	30.797	.01556	.00213	.00790	.02687
Stddev	.00007	.00009	.281	.00031	.00028	.00030	.00089
%RSD	1098.5	35.784	.91360	2.0184	13.339	3.8401	3.3165

#1	.00004	-.00034	30.479	.01523	.00182	.00783	.02734
#2	.00005	-.00016	31.014	.01586	.00237	.00823	.02742
#3	-.00007	-.00027	30.899	.01560	.00219	.00764	.02584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04886	7.7483	-.00059	-.00062	121.70	-.00028	.02182
Stddev	.00032	.1343	.00038	.00055	.57	.00026	.00007
%RSD	.64487	1.7328	64.501	88.681	.46858	90.714	.31703

#1	.04850	7.6432	-.00062	-.00093	121.32	-.00006	.02183
#2	.04905	7.8995	-.00019	-.00093	122.36	-.00056	.02189
#3	.04903	7.7021	-.00095	.00001	121.44	-.00023	.02175

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2765	.00004	.06663	F 10.873	5.3466	-.00444	-.00066
Stddev	.0580	.00028	.00832	.046	.0400	.00019	.00055
%RSD	1.3566	771.86	12.489	.42263	.74825	4.2207	84.022

#1	4.2126	.00005	.05728	10.822	5.3760	-.00437	-.00053
#2	4.3260	-.00025	.07322	10.911	5.3010	-.00466	-.00018
#3	4.2909	.00030	.06940	10.886	5.3626	-.00431	-.00126

Sample Name: K3280-11 Acquired: 6/13/2019 17:03:17 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	.0013	.25642	3.0680	F<.00000
Stddev	.00058	.0010	.00016	.2722	.47905
%RSD	43.251	76.02	.06276	8.8716	12.615
#1	-.00103	.0009	.25647	3.3129	-3.5397
#2	-.00098	.0005	.25655	3.1161	-4.3501
#3	-.00201	.0023	.25624	2.7750	-3.5023
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.0	33029.	3460.8	58.431	2601.2
Stddev	11.5	122.	29.1	1.587	12.6
%RSD	.51210	.36972	.84133	2.7153	.48567
#1	2244.7	32935.	3430.2	56.613	2590.2
#2	2250.4	32986.	3488.2	59.143	2598.5
#3	2266.9	33167.	3463.9	59.537	2615.0

Sample Name: K3280-12 Acquired: 6/13/2019 17:07:41 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	-.00037	.00544	.00542	-.00019	-.00200	.12655
Stddev	.00117	.00145	.00024	.00303	.00110	.01047	.00078
%RSD	90.345	396.67	4.3782	55.962	575.66	523.65	.61927

#1	.00245	-.00056	.00568	.00237	-.00138	-.01406	.12571
#2	.00011	.00117	.00521	.00545	.00002	.00334	.12726
#3	.00133	-.00171	.00542	.00843	.00079	.00472	.12667

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00021	30.928	.01602	.00210	.00942	.04045
Stddev	.00007	.00005	.264	.00030	.00012	.00030	.00027
%RSD	156.12	24.233	.85274	1.8566	5.9440	3.1955	.65707

#1	.00000	-.00019	30.624	.01601	.00212	.00927	.04015
#2	.00001	-.00018	31.099	.01573	.00197	.00922	.04063
#3	.00012	-.00027	31.061	.01633	.00222	.00976	.04057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04805	7.6783	-.00056	-.00060	122.76	-.00024	.01835
Stddev	.00024	.0672	.00011	.00044	.82	.00026	.00006
%RSD	.50608	.87447	19.628	73.202	.66672	108.28	.35166

#1	.04821	7.6076	-.00047	-.00106	121.88	.00004	.01842
#2	.04817	7.7413	-.00052	-.00019	123.49	-.00046	.01829
#3	.04777	7.6861	-.00068	-.00055	122.92	-.00030	.01834

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2839	-.00001	.06861	F 11.045	5.4109	-.00379	-.00174
Stddev	.0734	.00023	.00912	.009	.0407	.00040	.00224
%RSD	1.7139	1629.2	13.293	.07702	.75241	10.464	128.97

#1	4.2067	-.00001	.06147	11.037	5.4554	-.00422	-.00205
#2	4.3528	.00021	.07889	11.054	5.3755	-.00344	-.00381
#3	4.2924	-.00024	.06548	11.043	5.4017	-.00371	.00064

Sample Name: K3280-12 Acquired: 6/13/2019 17:07:41 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4003 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	.0026	.25693	3.2465	F<.00000
Stddev	.00270	.0011	.00110	.1636	.29398
%RSD	362.95	42.15	.42715	5.0399	6.8866
#1	-.00288	.0029	.25701	3.1465	-3.9946
#2	-.00165	.0014	.25580	3.4353	-4.2328
#3	.00229	.0035	.25799	3.1577	-4.5792
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.1	33162.	3457.2	60.305	2602.9
Stddev	2.5	114.	30.2	2.111	2.7
%RSD	.10939	.34283	.87260	3.5008	.10247
#1	2261.8	33066.	3422.7	59.021	2601.5
#2	2264.7	33134.	3478.9	62.741	2606.0
#3	2259.7	33287.	3470.0	59.152	2601.2

Sample Name: K3279-10 Acquired: 6/13/2019 17:12:05 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11906	-.00106	.00915	.00501	.00180	6.1161	.01341
Stddev	.00131	.00066	.00089	.00252	.00196	.0871	.00010
%RSD	1.1023	62.633	9.7399	50.405	108.67	1.4244	.77690

#1	.11791	-.00145	.00890	.00359	-.00046	6.2157	.01353
#2	.12049	-.00029	.00841	.00792	.00299	6.0542	.01334
#3	.11878	-.00143	.01014	.00351	.00287	6.0783	.01336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00015	1.0086	.00349	.00074	.01484	1.7937
Stddev	.00001	.00010	.0150	.00014	.00011	.00016	.0026
%RSD	7.1632	67.552	1.4910	4.1294	14.666	1.0678	.14299

#1	.00011	-.00023	.99774	.00337	.00066	.01468	1.7910
#2	.00011	-.00019	1.0257	.00344	.00086	.01485	1.7941
#3	.00010	-.00003	1.0022	.00365	.00069	.01500	1.7960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00619	.14989	.00378	-.00016	78.807	.04020	.03063
Stddev	.00010	.01178	.00023	.00026	.354	.00026	.00011
%RSD	1.6285	7.8585	6.1872	159.10	.44964	.64883	.34849

#1	.00615	.13783	.00364	-.00017	78.591	.04009	.03055
#2	.00611	.15047	.00405	-.00042	78.614	.04000	.03060
#3	.00630	.16137	.00364	.00010	79.216	.04049	.03075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2196	.01770	.12289	6.7262	8.6425	-.00310	.11132
Stddev	.0269	.00025	.01855	.0285	.0166	.00065	.00242
%RSD	2.2074	1.4311	15.098	.42420	.19170	20.890	2.1751

#1	1.2495	.01749	.10347	6.7472	8.6234	-.00353	.11289
#2	1.2119	.01798	.14043	6.6937	8.6518	-.00342	.10853
#3	1.1974	.01764	.12477	6.7378	8.6523	-.00236	.11255

Sample Name: K3279-10 Acquired: 6/13/2019 17:12:05 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	.7257	.01085	2.1567	F<.00000
Stddev	.00110	.0026	.00015	.1588	.31095
%RSD	69.536	.3588	1.3934	7.3624	19.123

#1	-.00284	.7272	.01068	2.0336	-1.3042
#2	-.00090	.7226	.01092	2.1006	-1.6492
#3	-.00099	.7271	.01095	2.3359	-1.9248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.0	34140.	3527.2	60.782	2698.4
Stddev	3.1	2.	5.8	1.144	6.2
%RSD	.13141	.00711	.16446	1.8815	.22908

#1	2321.4	34143.	3526.6	61.985	2696.6
#2	2326.5	34139.	3533.3	59.709	2705.2
#3	2321.0	34139.	3521.7	60.651	2693.2

Sample Name: CCV04 Acquired: 6/13/2019 17:16:30 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1434	5.0747	4.9958	5.0544	5.1705	10.056	10.064	.25488
Stddev	.0140	.0018	.0131	.0105	.0228	.219	.118	.00096
%RSD	.27122	.03558	.26286	.20718	.44041	2.1748	1.1744	.37858
#1	5.1571	5.0765	4.9878	5.0619	5.1965	9.8111	9.9302	.25452
#2	5.1438	5.0729	5.0110	5.0424	5.1540	10.123	10.110	.25598
#3	5.1292	5.0748	4.9886	5.0588	5.1610	10.233	10.153	.25415
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5036	24.854	1.0124	2.5326	1.3189	5.1280	2.5706	24.700
Stddev	.0021	.427	.0042	.0013	.0027	.0072	.0043	.516
%RSD	.08531	1.7197	.41606	.05222	.20236	.14032	.16856	2.0894
#1	2.5028	24.363	1.0095	2.5330	1.3213	5.1204	2.5685	24.120
#2	2.5061	25.058	1.0173	2.5337	1.3160	5.1346	2.5756	24.876
#3	2.5021	25.141	1.0105	2.5311	1.3195	5.1291	2.5677	25.106
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4955	1.2658	24.550	2.4737	2.5566	24.927	5.1970	4.9326
Stddev	.0024	.0027	.322	.0076	.0043	.297	.0067	.0691
%RSD	.09644	.21447	1.3121	.30598	.16826	1.1914	.12910	1.4001
#1	2.4927	1.2629	24.181	2.4657	2.5614	24.584	5.2039	4.8631
#2	2.4972	1.2663	24.691	2.4807	2.5553	25.110	5.1905	4.9335
#3	2.4965	1.2682	24.777	2.4748	2.5531	25.086	5.1966	5.0012
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0038	4.7356	5.0733	4.8881	4.7918	5.094	4.8270	F 4.2883
Stddev	.0187	.3674	.0085	.4511	.4220	.001	.4235	.1189
%RSD	.37305	7.7593	.16776	9.2294	8.8065	.0270	8.7741	2.7715
#1	5.0235	4.3115	5.0723	4.3677	4.3045	5.093	4.3381	4.2655
#2	4.9864	4.9355	5.0823	5.1285	5.0329	5.096	5.0631	4.4169
#3	5.0014	4.9597	5.0654	5.1682	5.0379	5.093	5.0800	4.1825

Sample Name: CCV04 Acquired: 6/13/2019 17:16:30 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15101 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4527
Stddev	.5981
%RSD	41.172

#1	1.9402
#2	.78528
#3	1.6327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.1	32974.	3600.1	59.379	2457.8
Stddev	4.1	102.	275.9	5.417	1.2
%RSD	.18560	.31075	7.6629	9.1229	.04936

#1	2227.2	32864.	3918.5	65.080	2459.1
#2	2234.8	32993.	3432.8	58.757	2457.2
#3	2228.2	33066.	3449.0	54.300	2456.9

Sample Name: CCB04 Acquired: 6/13/2019 17:20:28 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00196	.00268	.00191	.00088	.00357	.00000
Stddev	.00254	.00092	.00137	.00127	.00112	.01838	.00036
%RSD	726.46	46.673	51.144	66.446	126.99	514.94	8003.2

#1	-.00254	.00099	.00421	.00334	.00044	.01860	.00038
#2	.00223	.00280	.00229	.00146	.00216	.00904	-.00033
#3	.00136	.00210	.00155	.00092	.00005	-.01692	-.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00003	.00595	-.00004	-.00018	.00055	.00113
Stddev	.00004	.00006	.00898	.00007	.00008	.00026	.00073
%RSD	5484.0	215.64	151.08	161.02	43.706	47.850	64.636

#1	.00003	-.00009	-.00133	-.00007	-.00023	.00031	.00140
#2	.00002	-.00000	.00318	-.00010	-.00009	.00051	.00170
#3	-.00005	.00002	.01598	.00004	-.00023	.00083	.00031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00520	-.00002	.00017	-.07609	-.00029	-.00066
Stddev	.00007	.02929	.00026	.00028	.00780	.00024	.00007
%RSD	244.10	563.02	1598.8	164.64	10.253	84.428	11.232

#1	.00009	.01974	.00013	.00047	-.07421	-.00021	-.00059
#2	.00006	.02438	-.00032	.00013	-.08465	-.00056	-.00074
#3	-.00005	-.02851	.00015	-.00009	-.06939	-.00009	-.00065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	.00094	.01802	F -.02657	-.00384	-.00064	-.00019
Stddev	.04937	.00046	.00569	.00243	.00100	.00037	.00194
%RSD	950.42	49.507	31.588	9.1537	26.147	58.756	1035.7

#1	.00122	.00146	.01815	-.02387	-.00294	-.00031	-.00162
#2	-.04207	.00078	.02364	-.02726	-.00492	-.00104	-.00097
#3	.05644	.00057	.01226	-.02859	-.00365	-.00055	.00203

Sample Name: CCB04 Acquired: 6/13/2019 17:20:28 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15101 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00188	-0.0023	.00010	F 2.5362	F<.00000
Stddev	.00113	.0017	.00006	.2593	.75506
%RSD	60.058	75.72	57.121	10.223	45.400

#1	-0.00231	-0.0014	.00017	2.2371	-1.1980
#2	-0.00272	-0.0011	.00005	2.6741	-2.5343
#3	-0.00060	-0.0042	.00009	2.6974	-1.2571

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.7	34690.	3673.8	63.706	2793.8
Stddev	5.6	109.	237.2	3.643	5.6
%RSD	.23776	.31474	6.4571	5.7189	.19888

#1	2340.3	34570.	3650.8	64.075	2792.3
#2	2330.3	34785.	3921.8	67.150	2789.1
#3	2339.6	34714.	3449.0	59.892	2799.9

Sample Name: K3279-10DUP Acquired: 6/13/2019 17:24:58 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11892	.00033	.00882	.00564	.00144	5.7488	.01264
Stddev	.00192	.00029	.00090	.00112	.00009	.0864	.00015
%RSD	1.6125	86.751	10.232	19.923	6.4881	1.5037	1.1599

#1	.11733	.00004	.00885	.00645	.00134	5.7962	.01281
#2	.11838	.00033	.00790	.00436	.00152	5.8011	.01259
#3	.12105	.00062	.00971	.00612	.00146	5.6490	.01253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00004	.99142	.00354	.00099	.01522	1.7702
Stddev	.00012	.00004	.01562	.00042	.00015	.00008	.0030
%RSD	84.039	106.41	1.5759	11.787	15.127	.55039	.17172

#1	.00001	-.00006	.98361	.00309	.00101	.01514	1.7692
#2	.00017	-.00007	1.0094	.00392	.00084	.01523	1.7737
#3	.00024	.00001	.98125	.00360	.00114	.01531	1.7678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	.21259	.00330	-.00023	78.124	.03964	.02862
Stddev	.00007	.06962	.00057	.00029	.235	.00032	.00024
%RSD	1.1338	32.747	17.287	122.29	.30033	.81741	.85482

#1	.00603	.17316	.00265	-.00019	77.917	.03941	.02850
#2	.00616	.17165	.00370	-.00054	78.075	.03950	.02847
#3	.00607	.29298	.00356	.00003	78.379	.04001	.02890

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1837	.01811	.12696	6.7759	8.0739	-.00254	.10122
Stddev	.0175	.00030	.01016	.0452	.0320	.00045	.00149
%RSD	1.4774	1.6368	8.0020	.66675	.39674	17.632	1.4708

#1	1.1878	.01805	.13754	6.7400	8.1106	-.00297	.10125
#2	1.1988	.01784	.11727	6.7611	8.0594	-.00207	.09972
#3	1.1646	.01842	.12608	6.8266	8.0517	-.00258	.10270

Sample Name: K3279-10DUP Acquired: 6/13/2019 17:24:58 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	.7313	.01066	3.5123	F<.00000
Stddev	.00175	.0051	.00004	.1040	.54868
%RSD	89.152	.7029	.38432	2.9609	20.830

#1	-.00045	.7254	.01063	3.6140	-2.6146
#2	-.00156	.7336	.01064	3.4062	-3.1923
#3	-.00387	.7349	.01071	3.5167	-2.0954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.2	34241.	3550.1	60.526	2675.3
Stddev	12.1	96.	21.4	2.319	15.1
%RSD	.52615	.28164	.60244	3.8321	.56579

#1	2304.6	34182.	3538.4	57.912	2680.8
#2	2313.0	34352.	3574.8	61.328	2686.8
#3	2289.1	34189.	3537.2	62.338	2658.1

Sample Name: K3279-10LX5 Acquired: 6/13/2019 17:29:23 Type: Unk
Method: P4-ICP2(v3198) 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	.02476	.00081	.00230	.00143	.00190	.62837	.00194
Stddev	.00193	.00097	.00084	.00358	.00092	.01736	.00035
%RSD	7.7942	119.70	36.646	249.41	48.105	2.7624	17.820

#1	.02255	.00026	.00291	-.00140	.00272	.61360	.00159
#2	.02559	.00192	.00134	.00025	.00091	.64749	.00195
#3	.02613	.00024	.00267	.00545	.00209	.62402	.00228

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00007	.22636	.00042	-.00001	.00359	.35097
Stddev	.00007	.00007	.01852	.00006	.00016	.00020	.00105
%RSD	273.59	108.09	8.1830	13.672	1733.5	5.5366	.29887

#1	-.00006	-.00002	.22860	.00038	-.00019	.00380	.35200
#2	.00005	-.00003	.20682	.00041	.00009	.00355	.35099
#3	.00009	-.00015	.24367	.00049	.00007	.00341	.34990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	.06354	.00044	-.00029	16.136	.00765	.00805
Stddev	.00003	.03631	.00015	.00024	.089	.00037	.00008
%RSD	2.0381	57.138	33.141	83.273	.55052	4.8654	.99091

#1	.00128	.03271	.00058	-.00008	16.063	.00739	.00798
#2	.00125	.10356	.00046	-.00024	16.235	.00807	.00802
#3	.00123	.05435	.00029	-.00056	16.110	.00748	.00814

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19060	.00350	.02561	1.5521	1.1845	-.00134	.01047
Stddev	.00498	.00018	.01797	.0027	.0086	.00021	.00094
%RSD	2.6148	5.2447	70.164	.17467	.72460	15.798	8.9810

#1	.18633	.00359	.01280	1.5490	1.1844	-.00154	.00939
#2	.18939	.00362	.01787	1.5542	1.1931	-.00112	.01106
#3	.19607	.00329	.04614	1.5530	1.1759	-.00134	.01097

Sample Name: K3279-10LX5 Acquired: 6/13/2019 17:29:23 Type: Unk
 Method: P4-ICP2(v3198) 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	-.00273	.1528	.00225	3.2985	F<.00000
Stddev	.00113	.0018	.00005	.1810	.57258
%RSD	41.539	1.204	2.2195	5.4876	29.317

#1	-.00197	.1530	.00226	3.4902	-2.3368
#2	-.00403	.1545	.00229	3.2749	-1.2949
#3	-.00219	.1509	.00219	3.1305	-2.2275

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.4	34415.	3460.5	60.051	2757.8
Stddev	5.8	155.	16.9	1.372	6.3
%RSD	.24878	.45093	.48891	2.2852	.22663

#1	2318.1	34236.	3441.4	60.369	2756.0
#2	2326.9	34500.	3466.6	61.236	2764.8
#3	2316.1	34509.	3473.6	58.548	2752.6

Sample Name: K3279-10MS Acquired: 6/13/2019 17:33:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83573	1.7726	.88998	1.7693	.73329	9.2323	.20721	.18187
Stddev	.00451	.0051	.00285	.0028	.00355	.3022	.00132	.00008
%RSD	.53950	.29014	.32040	.15669	.48391	3.2734	.63614	.04425
#1	.84089	1.7773	.88934	1.7721	.73667	9.5307	.20731	.18181
#2	.83375	1.7671	.89310	1.7665	.72960	9.2397	.20847	.18184
#3	.83255	1.7734	.88751	1.7692	.73360	8.9265	.20584	.18196
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17684	2.3750	.38871	.18755	.31228	4.6986	.20262	2.0214
Stddev	.00003	.0185	.00087	.00020	.00049	.0101	.00013	.0369
%RSD	.01509	.78029	.22448	.10551	.15596	.21431	.06483	1.8267
#1	.17683	2.3768	.38812	.18738	.31185	4.6945	.20267	2.0281
#2	.17687	2.3926	.38971	.18751	.31218	4.7101	.20247	2.0544
#3	.17682	2.3557	.38829	.18777	.31281	4.6913	.20272	1.9815
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46092	.06535	77.924	.32328	.21970	10.625	.40251	.39744
Stddev	.00138	.00049	.554	.00055	.00036	.123	.00083	.00867
%RSD	.30023	.74981	.71073	.17053	.16495	1.1615	.20687	2.1810
#1	.46017	.06508	77.807	.32338	.21954	10.669	.40294	.39473
#2	.46007	.06592	78.527	.32269	.22012	10.721	.40155	.40714
#3	.46251	.06506	77.438	.32378	.21945	10.486	.40304	.39044
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6209	F 10.467	.63300	.32329	.19391	5.990	.20558	4.1774
Stddev	.0036	.234	.00113	.00568	.00477	.004	.00348	.1633
%RSD	.05432	2.2335	.17890	1.7556	2.4610	.0623	1.6926	3.9082
#1	6.6192	10.220	.63290	.32515	.18840	5.994	.20157	4.3646
#2	6.6250	10.496	.63418	.32780	.19641	5.989	.20746	4.0651
#3	6.6184	10.685	.63192	.31692	.19690	5.987	.20772	4.1023

Sample Name: K3279-10MS Acquired: 6/13/2019 17:33:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7627
Stddev	.5638
%RSD	9.7829

#1	6.4120
#2	5.4782
#3	5.3979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.0	34175.	3492.6	58.547	2634.1
Stddev	9.2	103.	59.9	1.067	10.1
%RSD	.40154	.30088	1.7149	1.8218	.38452

#1	2286.3	34119.	3558.0	58.237	2626.1
#2	2302.0	34113.	3479.4	59.734	2630.7
#3	2302.6	34294.	3440.4	57.670	2645.5

Sample Name: K3279-10MSD Acquired: 6/13/2019 17:37:57 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82478	1.7637	.88239	1.7496	.72427	7.9612	.20420	.18023	.17566
Stddev	.00233	.0025	.00300	.0037	.00286	.0891	.00205	.00038	.00043
%RSD	.28306	.13970	.34041	.21287	.39438	1.1192	1.0032	.21272	.24635

#1	.82741	1.7634	.88334	1.7536	.72615	8.0336	.20184	.18067	.17556
#2	.82297	1.7614	.87903	1.7489	.72567	7.9883	.20548	.17996	.17529
#3	.82394	1.7663	.88481	1.7462	.72098	7.8617	.20528	.18007	.17613

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3584	.38749	.18558	.30838	4.6203	.20091	2.0279	.45798	.06494
Stddev	.0343	.00133	.00021	.00137	.0130	.00025	.0279	.00084	.00022
%RSD	1.4545	.34348	.11278	.44578	.28196	.12326	1.3776	.18442	.33521

#1	2.3217	.38595	.18575	.30996	4.6053	.20115	1.9962	.45853	.06489
#2	2.3638	.38816	.18535	.30770	4.6264	.20092	2.0489	.45701	.06474
#3	2.3897	.38835	.18565	.30747	4.6291	.20066	2.0386	.45841	.06517

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.519	.32154	.22190	10.471	.39847	.38605	6.5648	9.3179	.62736
Stddev	.711	.00127	.00066	.094	.00114	.01318	.0109	.0898	.00307
%RSD	.91716	.39435	.29891	.90030	.28657	3.4149	.16590	.96351	.49012

#1	76.731	.32297	.22250	10.367	.39906	.38427	6.5597	9.4192	.62750
#2	77.713	.32056	.22119	10.551	.39920	.40003	6.5773	9.2484	.62423
#3	78.113	.32109	.22201	10.494	.39716	.37385	6.5574	9.2859	.63037

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29396	.19562	5.906	.20643	3.7227	4.9221
Stddev	.00097	.00054	.014	.00069	.3567	1.7135
%RSD	.32990	.27837	.2402	.33613	9.5815	34.813

#1	.29304	.19501	5.905	.20572	3.9538	3.2995
#2	.29497	.19606	5.893	.20645	3.9024	4.7527
#3	.29388	.19579	5.921	.20711	3.3119	6.7139

Sample Name: K3279-10MSD Acquired: 6/13/2019 17:37:57 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 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	2319.2	34193.	3456.9	58.692	2655.7
Stddev	4.5	61.	25.9	1.052	2.5
%RSD	.19605	.17837	.74956	1.7922	.09376
#1	2318.0	34231.	3427.7	58.922	2656.0
#2	2315.4	34226.	3477.3	59.609	2658.1
#3	2324.3	34123.	3465.6	57.544	2653.1

Sample Name: K3279-10A Acquired: 6/13/2019 17:42:04 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82549	1.7634	.88072	1.7478	.72155	7.7564	.20175	.18038	.17539
Stddev	.00328	.0033	.00090	.0032	.00309	.0877	.00117	.00019	.00011
%RSD	.39691	.18897	.10198	.18170	.42809	1.1303	.57987	.10522	.06325

#1	.82924	1.7669	.88175	1.7449	.72026	7.6873	.20040	.18023	.17533
#2	.82399	1.7603	.88023	1.7512	.71931	7.8550	.20243	.18032	.17531
#3	.82322	1.7629	.88017	1.7473	.72507	7.7270	.20242	.18060	.17551

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3436	.38743	.18491	.30675	4.6228	.20089	2.0139	.45916	.06421
Stddev	.0226	.00059	.00038	.00040	.0075	.00072	.0341	.00130	.00018
%RSD	.96554	.15352	.20707	.13121	.16260	.36073	1.6918	.28339	.28467

#1	2.3197	.38674	.18514	.30634	4.6209	.20072	1.9928	.45901	.06424
#2	2.3464	.38778	.18447	.30715	4.6164	.20027	1.9958	.45794	.06401
#3	2.3647	.38776	.18513	.30676	4.6310	.20169	2.0532	.46052	.06437

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.539	.32501	.22244	10.400	.39713	.39271	6.5837	9.3607	.62754
Stddev	.486	.00125	.00023	.070	.00129	.01202	.0277	.0385	.00015
%RSD	.62664	.38495	.10392	.67681	.32401	3.0618	.41992	.41100	.02415

#1	77.162	.32626	.22221	10.324	.39807	.38274	6.6156	9.3924	.62766
#2	77.369	.32376	.22242	10.414	.39566	.40606	6.5677	9.3717	.62760
#3	78.088	.32500	.22267	10.463	.39765	.38932	6.5677	9.3179	.62737

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29155	.19546	5.902	.20598	3.9055	4.5960
Stddev	.00171	.00122	.004	.00097	.1472	.6495
%RSD	.58659	.62614	.0586	.46983	3.7688	14.133

#1	.29262	.19409	5.902	.20492	4.0754	3.8461
#2	.29246	.19585	5.898	.20683	3.8203	4.9577
#3	.28958	.19644	5.905	.20618	3.8207	4.9841

Sample Name: K3279-10A Acquired: 6/13/2019 17:42:04 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.7	34133.	3432.2	58.411	2665.2
Stddev	9.1	24.	4.0	1.989	9.2
%RSD	.39223	.07040	.11608	3.4047	.34403
#1	2336.3	34133.	3431.0	60.633	2673.9
#2	2318.1	34158.	3429.0	57.803	2655.6
#3	2328.7	34110.	3436.7	56.797	2666.0

Sample Name: K3280-13 Acquired: 6/13/2019 17:46:10 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	-.00073	.00572	.00592	-.00036	.00496	.03817
Stddev	.00064	.00094	.00058	.00135	.00077	.01589	.00098
%RSD	43.959	128.99	10.121	22.739	213.78	320.60	2.5755

#1	-.00084	-.00129	.00637	.00743	.00018	.02252	.03821
#2	-.00143	.00035	.00529	.00549	-.00001	-.00841	.03717
#3	-.00213	-.00124	.00549	.00484	-.00125	.00075	.03913

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01158	28.400	.00398	.00061	.00307	.11263
Stddev	.00012	.00013	.202	.00041	.00012	.00042	.00154
%RSD	141.32	1.1617	.71117	10.278	18.876	13.705	1.3716

#1	-.00003	.01151	28.265	.00350	.00050	.00286	.11103
#2	.00020	.01151	28.303	.00420	.00061	.00355	.11412
#3	.00008	.01174	28.632	.00423	.00073	.00279	.11275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	3.7808	.00255	-.00136	60.381	.00061	.01995
Stddev	.00003	.0170	.00046	.00020	.065	.00024	.00008
%RSD	1.0735	.45017	17.959	14.705	.10721	39.614	.37936

#1	.00282	3.8002	.00263	-.00116	60.328	.00033	.01988
#2	.00279	3.7733	.00206	-.00156	60.362	.00072	.01994
#3	.00285	3.7688	.00297	-.00137	60.453	.00077	.02003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6309	.00041	.10835	F 23.293	5.2111	-.00956	-.00166
Stddev	.0320	.00024	.01964	.089	.0174	.00020	.00097
%RSD	.56803	59.696	18.130	.38133	.33365	2.0425	58.553

#1	5.6097	.00055	.12463	23.355	5.2155	-.00975	-.00082
#2	5.6154	.00013	.08653	23.332	5.2259	-.00956	-.00143
#3	5.6677	.00055	.11389	23.191	5.1920	-.00936	-.00272

Sample Name: K3280-13 Acquired: 6/13/2019 17:46:10 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	.0880	.16793	3.7511	F<.00000
Stddev	.00089	.0012	.00035	.1311	.14699
%RSD	38.079	1.347	.21030	3.4946	6.1595
#1	-.00335	.0889	.16761	3.6716	-2.5131
#2	-.00174	.0867	.16786	3.9024	-2.4208
#3	-.00189	.0885	.16831	3.6792	-2.2252
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2306.8	34021.	3458.6	59.341	2682.7
Stddev	7.2	122.	15.7	2.485	14.5
%RSD	.31041	.35987	.45307	4.1878	.54210
#1	2302.6	33886.	3452.0	58.400	2674.9
#2	2302.7	34051.	3447.2	57.464	2673.7
#3	2315.1	34125.	3476.4	62.159	2699.5

Sample Name: K3284-08 Acquired: 6/13/2019 17:50:34 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00525	-.00246	.00842	.00502	.00038	-.03700	.57076
Stddev	.00273	.00086	.00088	.00356	.00100	.01243	.00083
%RSD	52.055	35.035	10.477	71.031	264.69	33.582	.14579

#1	.00520	-.00335	.00943	.00854	-.00046	-.04479	.56980
#2	.00801	-.00163	.00804	.00510	.00148	-.02267	.57127
#3	.00254	-.00239	.00779	.00141	.00011	-.04355	.57121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00007	84.504	.01349	.00003	.00442	.01220
Stddev	.00006	.00006	.598	.00043	.00009	.00047	.00023
%RSD	1326.1	90.534	.70744	3.2218	327.65	10.573	1.8614

#1	.00001	-.00013	83.836	.01385	-.00007	.00493	.01238
#2	-.00007	-.00003	84.688	.01301	.00011	.00401	.01229
#3	.00005	-.00003	84.989	.01362	.00004	.00432	.01195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29084	22.353	.00010	-.00118	95.103	-.00098	.02063
Stddev	.00049	.117	.00068	.00027	.379	.00053	.00011
%RSD	.16858	.52139	710.24	22.774	.39836	54.467	.52834

#1	.29046	22.218	.00037	-.00093	94.681	-.00159	.02052
#2	.29139	22.423	.00060	-.00146	95.214	-.00064	.02064
#3	.29067	22.417	-.00068	-.00116	95.414	-.00070	.02074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.760	-.00000	.09861	F 23.076	8.7542	-.00876	-.00432
Stddev	.079	.00043	.01159	.079	.0505	.00076	.00133
%RSD	.72977	9078.1	11.754	.34445	.57708	8.7113	30.846

#1	10.677	.00049	.09755	23.092	8.7966	-.00940	-.00309
#2	10.769	-.00025	.08759	22.989	8.7677	-.00896	-.00414
#3	10.833	-.00025	.11070	23.146	8.6983	-.00792	-.00574

Sample Name: K3284-08 Acquired: 6/13/2019 17:50:34 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	.1108	.86480	4.1855	F<.00000
Stddev	.00059	.0003	.00456	.1617	.50785
%RSD	75.034	.2803	.52751	3.8638	12.096
#1	-.00105	.1105	.86501	4.0118	-4.6585
#2	-.00011	.1111	.86926	4.3317	-4.2833
#3	-.00120	.1108	.86014	4.2130	-3.6535
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.7	33134.	3440.9	57.924	2555.3
Stddev	2.3	14.	21.1	1.783	7.6
%RSD	.10060	.04224	.61231	3.0785	.29741
#1	2253.2	33123.	3429.3	56.367	2548.8
#2	2257.3	33128.	3428.0	57.537	2563.6
#3	2253.6	33149.	3465.2	59.869	2553.5

Sample Name: K3284-13 Acquired: 6/13/2019 17:54:57 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	-.00072	.00865	.00553	-.00075	-.03667	.57616
Stddev	.00151	.00052	.00076	.00129	.00035	.01895	.00235
%RSD	75.791	72.443	8.8205	23.285	45.922	51.689	.40833

#1	.00257	-.00020	.00948	.00606	-.00091	-.01481	.57692
#2	.00314	-.00072	.00798	.00646	-.00036	-.04659	.57352
#3	.00028	-.00125	.00847	.00406	-.00100	-.04860	.57804

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00005	85.758	.01362	.00001	.00317	.00322
Stddev	.00004	.00012	.348	.00015	.00011	.00041	.00038
%RSD	527.15	236.14	.40574	1.1158	876.19	12.892	11.930

#1	-.00002	.00008	85.514	.01351	-.00002	.00337	.00365
#2	.00003	-.00014	85.604	.01380	-.00008	.00344	.00291
#3	-.00004	-.00009	86.157	.01357	.00014	.00270	.00310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29269	22.446	.00005	-.00185	96.192	-.00044	.02410
Stddev	.00041	.118	.00023	.00053	.355	.00026	.00007
%RSD	.14150	.52365	444.66	28.419	.36951	59.505	.29435

#1	.29230	22.483	.00000	-.00155	95.964	-.00047	.02402
#2	.29264	22.314	-.00015	-.00154	96.010	-.00069	.02415
#3	.29312	22.541	.00030	-.00245	96.601	-.00017	.02412

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.882	-.00015	.10143	F 23.320	8.8426	-.00862	-.00359
Stddev	.081	.00023	.00824	.065	.0773	.00059	.00071
%RSD	.74608	149.62	8.1273	.27770	.87395	6.8194	19.858

#1	10.851	.00011	.09311	23.361	8.8029	-.00813	-.00441
#2	10.822	-.00025	.10158	23.353	8.9316	-.00846	-.00310
#3	10.975	-.00031	.10959	23.245	8.7932	-.00927	-.00326

Sample Name: K3284-13 Acquired: 6/13/2019 17:54:57 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	.1099	.87496	4.1814	F<.00000
Stddev	.00087	.0009	.00430	.2633	.90542
%RSD	96.875	.7947	.49144	6.2962	30.257

#1	-.00050	.1089	.87279	4.4663	-2.3823
#2	-.00029	.1101	.87991	3.9470	-2.5622
#3	-.00190	.1106	.87217	4.1311	-4.0327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.1	33140.	3444.3	59.692	2556.4
Stddev	7.8	87.	29.1	1.348	10.4
%RSD	.34764	.26340	.84558	2.2578	.40845

#1	2252.8	33045.	3438.8	59.955	2550.9
#2	2252.4	33159.	3418.3	58.232	2549.9
#3	2266.2	33216.	3475.8	60.888	2568.5

Sample Name: K3294-01 Acquired: 6/13/2019 17:59:21 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1(0-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18808	-.00385	.71790	-.00515	.00753	160.85	.65428	.01358
Stddev	.00223	.00115	.00258	.00247	.00363	.51	.00262	.00017
%RSD	1.1867	29.788	.35915	48.048	48.259	.31790	.40092	1.2868
#1	.18885	-.00290	.71495	-.00784	.00600	160.48	.65443	.01357
#2	.18982	-.00512	.71972	-.00298	.01167	160.63	.65158	.01341
#3	.18556	-.00353	.71904	-.00462	.00490	161.43	.65682	.01376
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01003	510.87	.37853	.05956	.76968	166.55	2.0358	71.142
Stddev	.00024	1.17	.00175	.00016	.00189	.20	.0015	.301
%RSD	2.4241	.22854	.46316	.26995	.24576	.12297	.07158	.42373
#1	.01001	509.88	.37709	.05948	.76776	166.75	2.0344	70.916
#2	.01029	510.57	.37803	.05945	.77154	166.34	2.0359	71.026
#3	.00981	512.15	.38048	.05974	.76974	166.54	2.0373	71.484
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21964	-.01737	1.2994	.31074	1.6081	7.9390	.00922	.10190
Stddev	.00106	.00011	.0083	.00230	.0031	.0321	.00027	.01321
%RSD	.48256	.64901	.64187	.73886	.19405	.40366	2.9677	12.965
#1	.22026	-.01724	1.3081	.31108	1.6117	7.9020	.00893	.11597
#2	.22024	-.01741	1.2915	.30830	1.6064	7.9575	.00926	.09998
#3	.21841	-.01746	1.2985	.31285	1.6062	7.9576	.00947	.08976
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.092	2.3631	.03152	2.6688	.11105	4.608	.46308	1.2632
Stddev	.007	.0161	.00090	.0050	.00137	.011	.00199	.2337
%RSD	.05093	.68162	2.8446	.18825	1.2333	.2309	.42960	18.502
#1	13.099	2.3717	.03234	2.6734	.11262	4.620	.46501	1.5254
#2	13.093	2.3446	.03164	2.6698	.11044	4.598	.46320	1.0769
#3	13.085	2.3731	.03056	2.6634	.11009	4.607	.46104	1.1872

Sample Name: K3294-01 Acquired: 6/13/2019 17:59:21 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1(0-5) Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 172.27
Stddev 1.73
%RSD 1.0018

#1 173.03
#2 170.29
#3 173.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.6	34342.	3785.5	57.200	2262.1
Stddev	1.0	36.	19.7	.792	4.5
%RSD	.04095	.10571	.52158	1.3853	.19724

#1	2343.7	34384.	3769.1	57.117	2257.7
#2	2344.5	34317.	3779.8	58.031	2262.1
#3	2345.6	34325.	3807.4	56.452	2266.6

Sample Name: K3294-02 Acquired: 6/13/2019 18:03:47 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1(5-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03466	-.00059	.43774	.00173	.00256	51.569	.15677	.00429
Stddev	.00376	.00118	.00065	.00119	.00221	.199	.00056	.00006
%RSD	10.839	199.96	.14848	68.717	86.139	.38609	.35854	1.2900

#1	.03100	.00066	.43779	.00140	.00229	51.365	.15672	.00427
#2	.03851	-.00076	.43837	.00306	.00051	51.577	.15623	.00435
#3	.03449	-.00168	.43707	.00075	.00490	51.763	.15736	.00425

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	69.575	.10169	.01164	.11637	61.122	.36824	6.1114
Stddev	.00010	.252	.00038	.00022	.00064	.271	.00101	.0753
%RSD	6.3995	.36182	.37203	1.8496	.54634	.44293	.27457	1.2325

#1	-.00165	69.543	.10212	.01154	.11680	61.170	.36723	6.0640
#2	-.00149	69.341	.10150	.01150	.11668	60.830	.36824	6.1983
#3	-.00169	69.841	.10144	.01189	.11564	61.365	.36925	6.0720

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05985	-.00435	.17653	.07677	.26161	1.9833	.00948	.05515
Stddev	.00025	.00018	.00315	.00029	.00041	.0148	.00021	.00687
%RSD	.41370	4.2437	1.7842	.38092	.15570	.74837	2.1662	12.459

#1	.06000	-.00428	.17579	.07679	.26174	1.9664	.00967	.04905
#2	.05999	-.00420	.17382	.07705	.26115	1.9890	.00952	.06259
#3	.05956	-.00456	.17999	.07647	.26193	1.9944	.00926	.05382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9009	5.9927	.00258	.85521	.01940	2.270	.02719	3.0157
Stddev	.0075	.0069	.00076	.00339	.00125	.005	.00008	.3245
%RSD	.39219	.11599	29.395	.39686	6.4380	.2268	.30922	10.761

#1	1.8938	5.9947	.00345	.85390	.02013	2.271	.02728	2.6416
#2	1.9004	5.9850	.00204	.85266	.02012	2.275	.02716	3.1842
#3	1.9087	5.9985	.00225	.85906	.01796	2.265	.02712	3.2213

Sample Name: K3294-02 Acquired: 6/13/2019 18:03:47 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S1(5-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 52.495
 Stddev 1.732
 %RSD 3.3000

#1 50.825
 #2 54.283
 #3 52.377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2365.8	34733.	3554.6	60.141	2649.3
Stddev	3.4	55.	7.4	.458	3.0
%RSD	.14197	.15890	.20735	.76167	.11139

#1	2361.9	34684.	3547.3	59.965	2646.9
#2	2367.8	34792.	3562.0	59.797	2652.6
#3	2367.7	34722.	3554.6	60.661	2648.4

Sample Name: CCV05 Acquired: 6/13/2019 18:08:13 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0653	5.1013	4.9940	5.0361	5.1025	10.150	10.078	.25517
Stddev	.0478	.0312	.0453	.0420	.0427	.052	.060	.00096
%RSD	.94473	.61164	.90789	.83322	.83730	.51597	.59337	.37803
#1	5.0195	5.0653	4.9422	4.9913	5.0564	10.090	10.073	.25551
#2	5.0615	5.1209	5.0264	5.0425	5.1102	10.189	10.141	.25592
#3	5.1150	5.1177	5.0134	5.0744	5.1408	10.171	10.021	.25408
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5072	25.170	1.0137	2.5175	1.2929	5.1443	2.5886	25.149
Stddev	.0213	.098	.0043	.0220	.0127	.0275	.0125	.079
%RSD	.85077	.38791	.42493	.87535	.98352	.53388	.48270	.31353
#1	2.4826	25.095	1.0176	2.4920	1.2786	5.1603	2.5968	25.137
#2	2.5200	25.281	1.0145	2.5309	1.2973	5.1599	2.5948	25.077
#3	2.5190	25.135	1.0091	2.5295	1.3029	5.1125	2.5742	25.233
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5158	1.2613	24.935	2.5236	2.5173	25.220	5.1260	5.0537
Stddev	.0230	.0055	.117	.0105	.0252	.111	.0476	.0121
%RSD	.91419	.43203	.47123	.41509	1.0006	.43997	.92821	.23984
#1	2.4892	1.2655	24.913	2.5265	2.4883	25.139	5.0723	5.0425
#2	2.5290	1.2632	25.062	2.5322	2.5330	25.347	5.1432	5.0666
#3	2.5291	1.2551	24.830	2.5119	2.5306	25.175	5.1627	5.0519
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0880	5.0580	5.0513	5.1581	5.1447	5.090	5.1317	F 5.9864
Stddev	.0211	.0197	.0449	.0122	.0056	.043	.0163	.1547
%RSD	.41551	.38984	.88963	.23591	.10895	.8553	.31698	2.5834
#1	5.0649	5.0708	5.0022	5.1459	5.1383	5.041	5.1223	5.8691
#2	5.0927	5.0353	5.0904	5.1580	5.1480	5.121	5.1505	6.1617
#3	5.1064	5.0680	5.0614	5.1702	5.1480	5.109	5.1224	5.9284

Sample Name: CCV05 Acquired: 6/13/2019 18:08:13 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15110 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7047
Stddev .5592
%RSD 32.806

#1 1.8927
#2 2.1456
#3 1.0757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.5	33012.	3389.8	56.351	2468.0
Stddev	16.9	166.	8.6	1.452	17.3
%RSD	.75018	.50145	.25387	2.5776	.70270

#1	2276.0	32902.	3381.9	55.261	2488.0
#2	2253.9	32931.	3388.4	55.792	2456.6
#3	2242.7	33202.	3399.0	58.000	2459.5

Sample Name: CCB05 Acquired: 6/13/2019 18:12:12 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00037	.00253	.00108	.00152	.00777	.00021
Stddev	.00339	.00133	.00083	.00181	.00133	.01388	.00029
%RSD	1041.6	355.49	32.764	167.45	87.646	178.76	141.63

#1	-.00271	.00065	.00349	.00059	.00082	.00118	.00042
#2	.00355	.00154	.00206	.00308	.00305	.02372	.00033
#3	-.00182	-.00107	.00205	-.00044	.00068	-.00160	-.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00007	.00622	.00013	-.00012	.00027	.00188
Stddev	.00007	.00005	.00533	.00032	.00017	.00013	.00007
%RSD	146.18	64.972	85.697	241.64	140.74	49.903	3.6799

#1	.00006	-.00004	.00973	.00048	-.00020	.00022	.00181
#2	-.00003	-.00004	.00009	-.00015	.00008	.00016	.00188
#3	.00011	-.00012	.00883	.00007	-.00024	.00042	.00195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00135	-.00061	.00002	-.10479	-.00038	-.00073
Stddev	.00004	.01229	.00022	.00044	.00143	.00018	.00008
%RSD	60.779	911.42	35.571	2354.6	1.3659	46.665	10.975

#1	.00002	-.01343	-.00037	-.00008	-.10324	-.00040	-.00065
#2	.00010	-.00176	-.00067	-.00036	-.10506	-.00019	-.00073
#3	.00009	.01114	-.00079	.00050	-.10606	-.00054	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02303	.00085	.01654	F -.02192	-.00251	-.00051	.00104
Stddev	.02026	.00029	.00962	.00203	.00163	.00033	.00132
%RSD	87.943	33.958	58.161	9.2467	64.828	66.126	126.96

#1	-.00008	.00103	.02314	-.02191	-.00370	-.00047	-.00048
#2	.03148	.00052	.02097	-.01989	-.00066	-.00019	.00190
#3	.03770	.00099	.00550	-.02395	-.00317	-.00086	.00169

Sample Name: CCB05 Acquired: 6/13/2019 18:12:12 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15110 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00163	-0.0003	.00011	F 3.9042	F<.00000
Stddev	.00124	.0017	.00004	.2189	1.4039
%RSD	76.078	687.7	34.957	5.6063	71.231

#1	-0.00306	.0017	.00008	3.9311	-1.4526
#2	-0.00087	-0.0008	.00010	4.1083	-.89980
#3	-0.00096	-0.0016	.00015	3.6731	-3.5601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.6	34631.	3439.7	59.858	2791.4
Stddev	7.5	102.	68.8	2.658	9.7
%RSD	.31985	.29457	2.0007	4.4401	.34830

#1	2363.3	34553.	3515.6	61.608	2801.5
#2	2348.4	34746.	3422.1	61.167	2782.2
#3	2358.0	34593.	3381.4	56.800	2790.5

Sample Name: K3294-03 Acquired: 6/13/2019 18:16:41 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(0-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04865	-.00434	.13144	.00542	.00427	78.621	.23673	.00789
Stddev	.00328	.00168	.00161	.00281	.00125	.285	.00148	.00002
%RSD	6.7352	38.683	1.2257	51.865	29.325	.36294	.62683	.21082
#1	.04756	-.00566	.13271	.00549	.00302	78.738	.23771	.00790
#2	.05234	-.00491	.13198	.00820	.00552	78.296	.23502	.00790
#3	.04606	-.00245	.12963	.00258	.00428	78.829	.23745	.00787
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00261	275.26	.16286	.03247	.19899	108.46	1.2789	16.973
Stddev	.00010	1.25	.00118	.00020	.00097	.47	.0013	.088
%RSD	3.9057	.45396	.72706	.62486	.48846	.43570	.09933	.51811
#1	-.00265	275.33	.16151	.03251	.19843	108.53	1.2783	16.914
#2	-.00268	273.98	.16334	.03264	.20012	107.96	1.2780	16.929
#3	-.00249	276.47	.16373	.03224	.19844	108.89	1.2803	17.074
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06424	-.01039	2.5696	.15687	.28978	7.0846	.00424	.14047
Stddev	.00075	.00032	.0193	.00051	.00061	.0622	.00040	.01784
%RSD	1.1647	3.0895	.75200	.32393	.21071	.87754	9.3516	12.703
#1	.06458	-.01020	2.5750	.15628	.28934	7.0302	.00379	.15738
#2	.06338	-.01076	2.5481	.15717	.29047	7.0712	.00452	.12182
#3	.06475	-.01022	2.5856	.15715	.28952	7.1524	.00441	.14220
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0720	2.9975	.00477	2.3268	.04274	2.340	.29410	3.0460
Stddev	.0214	.0158	.00039	.0086	.00132	.005	.00115	.1419
%RSD	.23582	.52842	8.2354	.37089	3.0780	.2268	.39187	4.6581
#1	9.0491	3.0037	.00462	2.3280	.04154	2.341	.29526	2.9227
#2	9.0753	3.0093	.00521	2.3176	.04415	2.335	.29407	3.0143
#3	9.0915	2.9795	.00447	2.3348	.04255	2.345	.29296	3.2011

Sample Name: K3294-03 Acquired: 6/13/2019 18:16:41 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S2(0-5) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 98.720
Stddev	.436
%RSD	.44201

#1	98.239
#2	98.830
#3	99.090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.4	34154.	3643.3	57.090	2439.3
Stddev	13.9	78.	10.7	1.200	13.0
%RSD	.59874	.22779	.29242	2.1026	.53486

#1	2322.8	34105.	3631.5	58.358	2432.0
#2	2318.1	34244.	3646.4	56.940	2431.6
#3	2344.2	34113.	3652.1	55.972	2454.4

Sample Name: K3294-03DUP Acquired: 6/13/2019 18:21:04 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(0-5)DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04851	-.00490	.12958	-.00189	.00255	78.287	.23660	.00792
Stddev	.00164	.00166	.00495	.00220	.00096	1.093	.00290	.00009
%RSD	3.3729	33.832	3.8181	116.69	37.613	1.3962	1.2255	1.0896
#1	.04947	-.00639	.13307	-.00426	.00365	78.733	.23754	.00800
#2	.04662	-.00521	.13174	-.00150	.00184	77.041	.23334	.00793
#3	.04944	-.00311	.12392	.00009	.00217	79.086	.23890	.00783
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	275.05	.16049	.03203	.19722	107.88	1.2704	17.008
Stddev	.00037	3.51	.00222	.00085	.00543	1.12	.0190	.309
%RSD	13.595	1.2759	1.3824	2.6558	2.7537	1.0361	1.4920	1.8155
#1	-.00262	275.67	.16202	.03264	.19955	107.97	1.2765	17.036
#2	-.00243	271.27	.15794	.03240	.20109	106.72	1.2491	16.686
#3	-.00315	278.20	.16150	.03106	.19101	108.95	1.2855	17.301
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06447	-.01009	2.5633	.15534	.28688	7.0244	.00419	.14021
Stddev	.00118	.00038	.0398	.00207	.00691	.0609	.00006	.01342
%RSD	1.8357	3.7282	1.5529	1.3298	2.4084	.86748	1.5112	9.5701
#1	.06449	-.00980	2.5714	.15605	.29104	7.0534	.00427	.14775
#2	.06564	-.00996	2.5201	.15302	.29068	6.9543	.00414	.12472
#3	.06327	-.01051	2.5985	.15696	.27890	7.0654	.00418	.14816
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0370	2.9543	.00285	2.3432	.04321	2.317	.29677	3.1995
Stddev	.1680	.0309	.00034	.0004	.00179	.043	.00246	.4946
%RSD	1.8595	1.0469	11.963	.01528	4.1491	1.865	.82741	15.459
#1	9.1541	2.9500	.00292	2.3432	.04118	2.345	.29909	3.5607
#2	9.1124	2.9871	.00315	2.3429	.04385	2.339	.29702	2.6357
#3	8.8444	2.9257	.00248	2.3436	.04459	2.267	.29420	3.4020

Sample Name: K3294-03DUP Acquired: 6/13/2019 18:21:04 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(0-5)DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 98.426
Stddev	1.453
%RSD	1.4759

#1	99.898
#2	98.387
#3	96.994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.1	34186.	3627.7	56.027	2450.9
Stddev	45.1	411.	21.9	1.012	48.7
%RSD	1.9289	1.2027	.60425	1.8061	1.9890

#1	2312.8	34007.	3608.6	55.876	2418.8
#2	2313.4	34657.	3622.8	57.106	2426.9
#3	2391.2	33896.	3651.6	55.099	2507.0

Sample Name: K3294-03LX5 Acquired: 6/13/2019 18:25:28 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120559BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00903	-.00225	.02927	.00320	-.00012	16.044	.04837	.00166
Stddev	.00190	.00153	.00129	.00310	.00117	.141	.00104	.00008
%RSD	21.056	67.892	4.4015	96.954	951.23	.87605	2.1476	4.9699

#1	.00834	-.00092	.02781	.00664	-.00020	15.884	.04734	.00175
#2	.01118	-.00192	.03025	.00061	.00108	16.098	.04942	.00165
#3	.00757	-.00392	.02975	.00235	-.00125	16.149	.04834	.00158

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	57.734	.03603	.00639	.06882	25.300	.27762	3.6290
Stddev	.00003	.265	.00026	.00010	.00027	.036	.00028	.0365
%RSD	2.0220	.45871	.71406	1.6089	.39292	.14374	.10263	1.0072

#1	-.00128	57.430	.03609	.00647	.06899	25.279	.27729	3.6589
#2	-.00128	57.862	.03574	.00628	.06896	25.342	.27777	3.6398
#3	-.00124	57.911	.03625	.00644	.06851	25.278	.27779	3.5882

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01297	-.00222	.42141	.03316	.05596	1.4489	.00089	.02880
Stddev	.00053	.00025	.00738	.00043	.00005	.0424	.00020	.00288
%RSD	4.0520	11.331	1.7506	1.3104	.09072	2.9265	22.533	9.9857

#1	.01345	-.00250	.42235	.03348	.05596	1.4002	.00077	.02561
#2	.01241	-.00204	.41361	.03267	.05600	1.4776	.00112	.03120
#3	.01305	-.00211	.42828	.03333	.05590	1.4689	.00078	.02960

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9749	.66440	-.00008	.50013	.00723	.4615	.06171	3.8456
Stddev	.0022	.00880	.00040	.00323	.00006	.0041	.00013	.1570
%RSD	.10962	1.3248	477.55	.64494	.86514	.8868	.20898	4.0830

#1	1.9733	.67427	.00014	.49682	.00716	.4570	.06173	3.7339
#2	1.9774	.65735	-.00055	.50327	.00727	.4623	.06183	3.7778
#3	1.9740	.66159	.00016	.50029	.00726	.4651	.06157	4.0252

Sample Name: K3294-03LX5 Acquired: 6/13/2019 18:25:28 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120559BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.033
Stddev	.045
%RSD	.23609

#1	19.085
#2	19.008
#3	19.007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.3	34123.	3472.3	58.345	2646.7
Stddev	8.2	99.	18.6	1.490	4.6
%RSD	.35025	.28899	.53568	2.5543	.17204

#1	2337.0	34056.	3452.9	59.643	2644.6
#2	2340.4	34078.	3474.0	56.718	2643.5
#3	2352.6	34236.	3490.0	58.676	2651.9

Sample Name: K3294-03MS Acquired: 6/13/2019 18:29:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(0-5)MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83937	2.0324	1.1489	1.9410	.24856	86.705	.46159	.21504
Stddev	.00463	.0100	.0039	.0029	.00356	.601	.00172	.00058
%RSD	.55136	.49292	.34120	.14679	1.4323	.69316	.37212	.26892
#1	.83583	2.0228	1.1447	1.9402	.24489	86.033	.45981	.21437
#2	.83769	2.0427	1.1524	1.9441	.25200	86.889	.46172	.21543
#3	.84461	2.0316	1.1498	1.9386	.24880	87.192	.46324	.21531
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19853	285.61	.56289	.24294	.50545	112.73	1.4875	24.404
Stddev	.00080	1.68	.00234	.00067	.00137	.70	.0047	.230
%RSD	.40181	.58793	.41588	.27532	.27103	.62032	.31841	.94176
#1	.19761	283.70	.56134	.24263	.50396	112.65	1.4826	24.149
#2	.19904	286.26	.56559	.24249	.50666	112.08	1.4920	24.595
#3	.19893	286.86	.56175	.24371	.50574	113.47	1.4879	24.469
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58429	.06344	5.9925	.47382	.50556	17.934	.39591	.41605
Stddev	.00162	.00074	.0378	.00295	.00146	.187	.00122	.00782
%RSD	.27789	1.1688	.63060	.62326	.28877	1.0434	.30711	1.8797
#1	.58305	.06283	5.9503	.47504	.50389	17.727	.39450	.41932
#2	.58613	.06426	6.0234	.47596	.50615	17.983	.39668	.42170
#3	.58370	.06322	6.0036	.47045	.50662	18.091	.39653	.40712
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5641	2.9718	.68842	2.7813	.26427	8.807	.51360	3.7078
Stddev	.0188	.0313	.00268	.0031	.00058	.010	.00168	.1174
%RSD	.19649	1.0546	.38957	.11263	.21872	.1176	.32722	3.1653
#1	9.5826	3.0072	.68602	2.7779	.26417	8.798	.51542	3.6856
#2	9.5451	2.9475	.68793	2.7817	.26375	8.819	.51212	3.8346
#3	9.5645	2.9608	.69131	2.7841	.26490	8.805	.51325	3.6030

Sample Name: K3294-03MS Acquired: 6/13/2019 18:29:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(0-5)MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 106.99
Stddev	.28
%RSD	.26399

#1	107.08
#2	106.67
#3	107.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.5	33978.	3573.6	56.535	2411.1
Stddev	8.1	16.	27.1	1.156	8.4
%RSD	.34826	.04680	.75907	2.0450	.34807

#1	2327.3	33969.	3544.1	55.201	2415.2
#2	2313.1	33996.	3597.4	57.155	2401.4
#3	2327.0	33968.	3579.4	57.249	2416.6

Sample Name: K3294-03MSD Acquired: 6/13/2019 18:34:01 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(0-5)MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84708	2.0428	1.1536	1.9437	.24936	86.741	.46136	.21523
Stddev	.00786	.0056	.0011	.0103	.00154	.515	.00084	.00048
%RSD	.92782	.27455	.09507	.52912	.61956	.59414	.18141	.22095
#1	.83801	2.0491	1.1537	1.9372	.24788	86.216	.46046	.21488
#2	.85162	2.0384	1.1524	1.9556	.25096	86.760	.46211	.21503
#3	.85162	2.0409	1.1545	1.9384	.24924	87.247	.46152	.21577
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19860	286.61	.56449	.24210	.50691	112.71	1.4882	24.533
Stddev	.00020	1.20	.00107	.00092	.00094	.24	.0027	.104
%RSD	.10262	.41968	.18974	.37832	.18599	.21344	.18087	.42321
#1	.19859	285.23	.56479	.24315	.50614	112.45	1.4855	24.468
#2	.19840	287.21	.56330	.24154	.50797	112.92	1.4883	24.652
#3	.19881	287.41	.56538	.24159	.50663	112.76	1.4908	24.477
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58537	.06403	5.9876	.47507	.50280	17.976	.39530	.41980
Stddev	.00041	.00035	.0473	.00125	.00231	.090	.00036	.00768
%RSD	.07024	.55396	.78906	.26213	.45869	.50097	.09154	1.8299
#1	.58497	.06435	5.9352	.47363	.50545	17.875	.39572	.41771
#2	.58536	.06408	6.0270	.47588	.50129	18.047	.39506	.41338
#3	.58579	.06365	6.0006	.47569	.50166	18.005	.39513	.42831
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6421	2.9812	.68768	2.7796	.26548	8.842	.51573	3.9005
Stddev	.0233	.0140	.00130	.0129	.00305	.021	.00227	.0346
%RSD	.24214	.47107	.18968	.46258	1.1476	.2335	.44044	.88764
#1	9.6681	2.9943	.68621	2.7826	.26197	8.865	.51600	3.8959
#2	9.6353	2.9664	.68870	2.7655	.26708	8.834	.51334	3.9372
#3	9.6229	2.9830	.68813	2.7907	.26740	8.826	.51786	3.8684

Sample Name: K3294-03MSD Acquired: 6/13/2019 18:34:01 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(0-5)MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 106.84
Stddev	.28
%RSD	.26447

#1	107.01
#2	106.98
#3	106.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.0	33896.	3556.1	55.869	2411.6
Stddev	5.2	18.	17.0	.814	1.8
%RSD	.22496	.05248	.47896	1.4569	.07573

#1	2330.9	33913.	3538.8	55.417	2410.2
#2	2321.2	33877.	3572.9	55.381	2410.8
#3	2322.8	33899.	3556.5	56.808	2413.6

Sample Name: K3294-03A Acquired: 6/13/2019 18:38:12 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120559BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84536	2.0428	1.1566	1.9651	.25033	87.301	.46720	.21646
Stddev	.00298	.0034	.0014	.0042	.00172	.318	.00200	.00095
%RSD	.35290	.16779	.12125	.21301	.68557	.36443	.42809	.43726
#1	.84216	2.0401	1.1550	1.9660	.25228	86.957	.46604	.21610
#2	.84807	2.0467	1.1572	1.9605	.24966	87.359	.46605	.21753
#3	.84584	2.0417	1.1576	1.9687	.24905	87.585	.46951	.21573
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19925	287.76	.56684	.24342	.50648	113.78	1.4967	24.321
Stddev	.00047	1.07	.00015	.00050	.00053	.57	.0026	.178
%RSD	.23702	.37348	.02699	.20718	.10560	.50258	.17429	.73082
#1	.19879	286.84	.56668	.24284	.50587	113.94	1.4937	24.119
#2	.19924	287.50	.56698	.24373	.50677	113.15	1.4988	24.389
#3	.19973	288.94	.56686	.24368	.50682	114.25	1.4975	24.454
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58831	.06315	6.0781	.47562	.50419	18.060	.39616	.44336
Stddev	.00059	.00064	.0480	.00144	.00070	.072	.00087	.00670
%RSD	.10062	1.0197	.78902	.30377	.13856	.39821	.21994	1.5101
#1	.58767	.06250	6.0236	.47430	.50391	18.002	.39535	.45082
#2	.58884	.06318	6.0966	.47539	.50499	18.037	.39605	.44138
#3	.58842	.06378	6.1140	.47716	.50368	18.140	.39708	.43788
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6295	2.9782	.69040	2.7800	.26558	8.886	.51194	3.6501
Stddev	.0152	.0222	.00349	.0082	.00145	.019	.00179	.3429
%RSD	.15740	.74609	.50523	.29638	.54656	.2180	.34955	9.3946
#1	9.6174	3.0015	.68853	2.7840	.26721	8.866	.51365	3.7662
#2	9.6465	2.9759	.68825	2.7706	.26511	8.887	.51208	3.9198
#3	9.6245	2.9572	.69443	2.7856	.26442	8.905	.51008	3.2642

Sample Name: K3294-03A Acquired: 6/13/2019 18:38:12 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120559BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 107.77
Stddev	.96
%RSD	.89383

#1	107.18
#2	108.88
#3	107.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.3	33880.	3606.1	55.903	2408.9
Stddev	8.2	114.	31.8	.324	5.9
%RSD	.35305	.33653	.88236	.57958	.24490

#1	2335.8	33815.	3569.8	55.558	2415.5
#2	2321.4	34011.	3619.0	55.949	2404.1
#3	2321.7	33813.	3629.4	56.201	2407.3

Sample Name: K3294-04 Acquired: 6/13/2019 18:42:24 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(5-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02086	-.00095	.05297	.00085	.00000	44.583	.11814	.00376
Stddev	.00127	.00091	.00142	.00171	.00036	.191	.00139	.00017
%RSD	6.1046	95.441	2.6898	200.95	8368.9	.42877	1.1724	4.5356

#1	.02229	-.00039	.05330	.00027	-.00039	44.583	.11742	.00359
#2	.01985	-.00200	.05420	.00278	.00031	44.392	.11727	.00393
#3	.02044	-.00047	.05141	-.00049	.00009	44.774	.11974	.00374

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	95.891	.11683	.01434	.10516	55.355	.61177	8.3229
Stddev	.00002	.388	.00100	.00029	.00031	.031	.00123	.1493
%RSD	.73748	.40502	.85786	2.0156	.29904	.05558	.20052	1.7943

#1	-.00230	95.627	.11782	.01459	.10552	55.328	.61263	8.4652
#2	-.00232	95.709	.11685	.01440	.10494	55.388	.61232	8.1674
#3	-.00229	96.337	.11582	.01402	.10501	55.348	.61037	8.3360

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04115	-.00480	1.2222	.08418	.11459	3.2703	.00478	.06291
Stddev	.00057	.00047	.0026	.00025	.00010	.0399	.00044	.01441
%RSD	1.3836	9.7973	.21389	.30025	.08835	1.2188	9.2018	22.900

#1	.04074	-.00533	1.2248	.08433	.11466	3.2291	.00504	.05146
#2	.04091	-.00459	1.2196	.08389	.11463	3.2732	.00427	.05818
#3	.04180	-.00446	1.2221	.08432	.11447	3.3087	.00504	.07908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9298	7.9895	.00108	1.2013	.02120	1.137	.11518	3.1481
Stddev	.0028	.1135	.00044	.0157	.00169	.003	.00230	.3075
%RSD	.09689	1.4208	40.948	1.3098	7.9616	.3033	1.9968	9.7692

#1	2.9282	8.1166	.00144	1.2180	.02292	1.136	.11769	3.4993
#2	2.9331	7.9537	.00120	1.1868	.01954	1.135	.11317	2.9266
#3	2.9281	7.8982	.00059	1.1991	.02113	1.141	.11466	3.0185

Sample Name: K3294-04 Acquired: 6/13/2019 18:42:24 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2(5-10) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	46.984
Stddev	.829
%RSD	1.7642

#1	47.088
#2	46.109
#3	47.757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.3	34748.	3601.9	58.777	2626.4
Stddev	5.2	61.	47.1	1.152	6.1
%RSD	.21942	.17595	1.3078	1.9593	.23248

#1	2363.4	34679.	3547.8	57.450	2619.4
#2	2373.2	34796.	3623.8	59.506	2629.6
#3	2365.3	34770.	3634.0	59.376	2630.3

Sample Name: K3321-01 Acquired: 6/13/2019 18:46:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390606765 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00055	-.00161	.01076	.00289	6.0790	1.3381	.01427
Stddev	.00212	.00132	.00120	.00194	.00218	.0629	.0049	.00018
%RSD	232.80	239.43	74.582	18.055	75.328	1.0352	.36398	1.2274
#1	-.00096	.00109	-.00059	.01270	.00215	6.1237	1.3430	.01408
#2	.00321	-.00095	-.00293	.00882	.00118	6.0071	1.3333	.01432
#3	.00048	.00153	-.00130	.01075	.00534	6.1063	1.3381	.01442
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00333	98.349	.00713	.02188	1.9684	209.84	2.9294	8.0088
Stddev	.00011	.351	.00037	.00006	.0011	.28	.0036	.1530
%RSD	3.2223	.35649	5.1847	.25292	.05742	.13120	.12329	1.9107
#1	-.00336	98.546	.00716	.02186	1.9693	210.05	2.9336	8.0785
#2	-.00321	97.944	.00749	.02183	1.9688	209.53	2.9274	7.8334
#3	-.00342	98.556	.00675	.02194	1.9671	209.94	2.9272	8.1146
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02912	-.00438	2.9958	.00479	2.2756	12.629	.01256	.18207
Stddev	.00034	.00036	.0283	.00031	.0040	.137	.00057	.00946
%RSD	1.1732	8.3113	.94475	6.3770	.17509	1.0819	4.5473	5.1947
#1	.02938	-.00472	2.9926	.00507	2.2711	12.552	.01294	.18574
#2	.02873	-.00443	2.9692	.00446	2.2770	12.548	.01283	.17133
#3	.02925	-.00400	3.0255	.00483	2.2787	12.787	.01190	.18915
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.690	1.3783	.08154	.05329	.00141	F 75.74	1.3525	1.6877
Stddev	.080	.0094	.00151	.00187	.00108	.13	.0081	.1130
%RSD	.24542	.68038	1.8496	3.5135	76.356	.1721	.59699	6.6948
#1	32.777	1.3706	.08052	.05165	.00191	75.89	1.3473	1.6416
#2	32.674	1.3888	.08328	.05288	.00017	75.66	1.3618	1.6050
#3	32.619	1.3757	.08084	.05533	.00215	75.66	1.3485	1.8164

Sample Name: K3321-01 Acquired: 6/13/2019 18:46:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390606765 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 218.21
Stddev .74
%RSD .33970

#1 219.05
#2 217.63
#3 217.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.2	34766.	3636.9	60.667	2568.9
Stddev	4.5	103.	20.8	2.406	1.6
%RSD	.19423	.29635	.57279	3.9654	.06191

#1	2320.1	34653.	3649.5	62.666	2567.7
#2	2323.4	34855.	3612.8	57.997	2568.4
#3	2329.0	34789.	3648.3	61.337	2570.7

Sample Name: K3323-01 Acquired: 6/13/2019 18:51:14 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390605783 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03476	-.00542	.15903	.03094	.00452	17.990	1.3766	.00437
Stddev	.00223	.00168	.00128	.00322	.00160	.072	.0023	.00008
%RSD	6.4120	30.973	.80326	10.397	35.348	.40272	.16847	1.8722
#1	.03224	-.00622	.16050	.02761	.00629	17.906	1.3743	.00430
#2	.03645	-.00654	.15829	.03403	.00319	18.036	1.3764	.00436
#3	.03559	-.00349	.15829	.03119	.00407	18.027	1.3789	.00446
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01355	76.664	.05703	.02543	2.3062	50.815	.48597	14.640
Stddev	.00012	.253	.00092	.00024	.0019	.252	.00099	.078
%RSD	.85188	.32950	1.6135	.95541	.08102	.49585	.20321	.53162
#1	.01365	76.377	.05639	.02519	2.3078	50.538	.48486	14.598
#2	.01343	76.762	.05808	.02543	2.3041	51.030	.48633	14.730
#3	.01357	76.853	.05661	.02568	2.3065	50.876	.48673	14.593
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05996	.00742	7.1824	.03222	4.2913	12.916	.03879	.09104
Stddev	.00021	.00014	.0386	.00018	.0036	.036	.00027	.01212
%RSD	.34825	1.9018	.53816	.56613	.08302	.27891	.69638	13.314
#1	.05972	.00758	7.1474	.03201	4.2892	12.936	.03872	.08117
#2	.06009	.00730	7.1759	.03231	4.2955	12.937	.03857	.08738
#3	.06008	.00739	7.2239	.03234	4.2894	12.874	.03909	.10457
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.432	1.1702	.08464	.52310	.00462	F 60.17	.33590	2.8280
Stddev	.114	.0073	.00142	.00290	.00122	.16	.00134	.1843
%RSD	.35167	.62428	1.6759	.55376	26.426	.2603	.39818	6.5174
#1	32.499	1.1730	.08624	.52411	.00496	60.27	.33573	2.6239
#2	32.497	1.1619	.08353	.52536	.00564	60.24	.33466	2.8779
#3	32.301	1.1757	.08416	.51983	.00327	59.99	.33732	2.9822

Sample Name: K3323-01 Acquired: 6/13/2019 18:51:14 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390605783 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	44.461
Stddev	.515
%RSD	1.1591

#1	43.866
#2	44.739
#3	44.777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.9	35513.	3691.9	60.825	2634.6
Stddev	6.3	100.	2.5	1.856	4.8
%RSD	.26650	.28146	.06699	3.0509	.18301

#1	2368.1	35606.	3692.5	60.517	2630.2
#2	2376.0	35407.	3689.1	62.816	2634.0
#3	2380.6	35526.	3693.9	59.143	2639.7

Sample Name: K3325-01 Acquired: 6/13/2019 18:55:37 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390605731 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03211	-.00373	.09123	-.00386	.00431	223.04	.10694	.01725
Stddev	.00130	.00188	.00338	.00343	.00158	.50	.00034	.00026
%RSD	4.0404	50.286	3.7104	88.721	36.692	.22300	.31416	1.5004
#1	.03306	-.00334	.09323	-.00523	.00327	222.66	.10700	.01741
#2	.03265	-.00578	.08732	-.00639	.00613	222.86	.10657	.01739
#3	.03063	-.00209	.09313	.00004	.00353	223.60	.10724	.01695
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	38.707	.02378	.04874	.13097	94.632	.99572	8.6353
Stddev	.00026	.085	.00011	.00016	.00026	.131	.00143	.0641
%RSD	7.4171	.22041	.45392	.33826	.19517	.13878	.14391	.74244
#1	.00356	38.685	.02366	.04881	.13081	94.770	.99570	8.6159
#2	.00367	38.636	.02386	.04855	.13127	94.508	.99430	8.5831
#3	.00318	38.802	.02382	.04885	.13084	94.617	.99717	8.7068
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03765	-.00815	.31830	.04821	.58286	.22515	-.00022	.06240
Stddev	.00064	.00028	.00262	.00048	.00097	.01922	.00009	.01163
%RSD	1.6939	3.4431	.82407	.98597	.16691	8.5369	41.431	18.638
#1	.03691	-.00837	.32116	.04867	.58397	.20316	-.00030	.05005
#2	.03800	-.00784	.31775	.04823	.58245	.23358	-.00025	.06400
#3	.03803	-.00825	.31600	.04772	.58216	.23872	-.00012	.07315
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.194	1.2118	.00566	.19120	.00236	F 14.42	-.04427	<.00000
Stddev	.066	.0195	.00058	.00079	.00101	.01	.00018	.83397
%RSD	.38142	1.6085	10.165	.41479	43.020	.0845	.40103	3.6715
#1	17.149	1.2302	.00631	.19195	.00260	14.43	-.04434	-23.625
#2	17.163	1.2139	.00546	.19128	.00124	14.41	-.04407	-21.987
#3	17.269	1.1914	.00522	.19037	.00323	14.43	-.04440	-22.532

Sample Name: K3325-01 Acquired: 6/13/2019 18:55:37 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390605731 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 185.82
Stddev	.71
%RSD	.38038

#1	186.44
#2	185.96
#3	185.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4300.9	62847.	6658.1	57.861	2467.9
Stddev	9.0	101.	45.5	1.320	2.2
%RSD	.20902	.16109	.68386	2.2813	.08740

#1	4291.5	62733.	6631.8	56.354	2465.5
#2	4301.6	62924.	6631.7	58.813	2468.5
#3	4309.5	62886.	6710.6	58.415	2469.7

Sample Name: CCV06 Acquired: 6/13/2019 19:00:07 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0512	5.1338	5.0176	5.0643	5.0783	10.143	10.081	.25441
Stddev	.0108	.0101	.0145	.0101	.0121	.042	.053	.00056
%RSD	.21403	.19643	.28890	.19956	.23920	.41516	.52118	.22147
#1	5.0426	5.1221	5.0040	5.0569	5.0664	10.107	10.048	.25470
#2	5.0476	5.1393	5.0160	5.0758	5.0907	10.133	10.053	.25376
#3	5.0633	5.1399	5.0328	5.0601	5.0778	10.189	10.142	.25477
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5154	25.382	1.0169	2.5199	1.2852	5.1476	2.5846	25.023
Stddev	.0029	.144	.0013	.0045	.0012	.0128	.0017	.133
%RSD	.11405	.56872	.12985	.17734	.09197	.24943	.06416	.53339
#1	2.5127	25.268	1.0184	2.5153	1.2839	5.1618	2.5836	24.900
#2	2.5184	25.333	1.0167	2.5243	1.2854	5.1368	2.5837	25.004
#3	2.5153	25.544	1.0158	2.5200	1.2863	5.1442	2.5865	25.165
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5388	1.2612	25.098	2.5578	2.4964	25.220	5.1054	5.0716
Stddev	.0056	.0018	.110	.0006	.0054	.165	.0069	.0263
%RSD	.22174	.14067	.43772	.02341	.21663	.65576	.13567	.51821
#1	2.5343	1.2632	25.048	2.5581	2.4902	25.099	5.0983	5.1018
#2	2.5451	1.2604	25.021	2.5572	2.4995	25.152	5.1056	5.0592
#3	2.5370	1.2599	25.224	2.5583	2.4996	25.408	5.1122	5.0539
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1588	5.1681	5.0584	5.1948	5.2523	5.142	5.2021	F 5.6614
Stddev	.0148	.0171	.0147	.0095	.0232	.011	.0190	.1099
%RSD	.28738	.33044	.29087	.18330	.44089	.2171	.36455	1.9417
#1	5.1755	5.1766	5.0553	5.1896	5.2290	5.130	5.1820	5.5415
#2	5.1472	5.1793	5.0745	5.1890	5.2754	5.152	5.2197	5.6854
#3	5.1537	5.1484	5.0456	5.2058	5.2524	5.145	5.2045	5.7574

Sample Name: CCV06 Acquired: 6/13/2019 19:00:07 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7853
Stddev	1.0013
%RSD	56.083

#1	.66581
#2	2.5951
#3	2.0950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.4	33087.	3356.5	55.384	2474.2
Stddev	2.2	69.	13.1	1.046	4.1
%RSD	.09503	.20919	.38900	1.8888	.16646

#1	2268.0	33032.	3350.6	56.504	2472.4
#2	2270.9	33165.	3347.4	55.217	2471.3
#3	2272.2	33064.	3371.4	54.432	2478.9

Sample Name: CCB06 Acquired: 6/13/2019 19:04:06 Type: Unk
Method: P4-ICP2(v3198) 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	.00113	.00130	.00273	.00323	.00196	.00545	.00016
Stddev	.00059	.00219	.00045	.00286	.00263	.00405	.00053
%RSD	52.064	168.56	16.376	88.677	134.05	74.349	340.83

#1	.00174	.00246	.00297	.00065	.00355	.00960	-.00045
#2	.00056	-.00123	.00300	.00631	-.00107	.00150	.00035
#3	.00109	.00267	.00221	.00273	.00341	.00527	.00057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00003	.00729	-.00006	-.00023	.00009	.00261
Stddev	.00003	.00004	.00885	.00024	.00006	.00035	.00038
%RSD	378.77	115.36	121.44	406.98	27.932	377.82	14.554

#1	.00001	-.00005	.01213	-.00004	-.00020	.00021	.00290
#2	.00003	.00001	.01267	.00017	-.00030	.00037	.00276
#3	-.00002	-.00006	-.00293	-.00031	-.00019	-.00030	.00218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.02931	-.00041	-.00016	-.13531	-.00023	-.00053
Stddev	.00003	.03791	.00002	.00016	.00664	.00051	.00007
%RSD	34.547	129.33	4.1748	101.01	4.9073	222.03	13.307

#1	.00008	.00588	-.00041	-.00026	-.13245	.00035	-.00045
#2	.00014	.07305	-.00043	.00003	-.13057	-.00042	-.00058
#3	.00008	.00901	-.00040	-.00024	-.14290	-.00062	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00799	.00100	.00873	F -.02137	.00101	.00075	.00124
Stddev	.01036	.00039	.00625	.00400	.00092	.00033	.00061
%RSD	129.67	38.838	71.633	18.729	90.532	44.418	48.943

#1	.00733	.00078	.00435	-.01804	.00207	.00093	.00081
#2	.01866	.00145	.00595	-.02027	.00045	.00095	.00193
#3	-.00203	.00077	.01589	-.02581	.00052	.00036	.00098

Sample Name: CCB06 Acquired: 6/13/2019 19:04:06 Type: Unk
 Method: P4-ICP2(v3198) 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	-.00144	-.0000	.00019	F 3.9225	F<.00000
Stddev	.00175	.0029	.00008	.0890	.10145
%RSD	121.14	25090.	39.989	2.2699	7.4968
#1	-.00338	-.0023	.00027	4.0120	-1.3949
#2	.00000	.0032	.00017	3.9216	-1.4271
#3	-.00095	-.0010	.00013	3.8339	-1.2375
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.0	34906.	3404.6	58.125	2799.7
Stddev	2.4	73.	21.0	1.578	4.7
%RSD	.09929	.20770	.61696	2.7146	.16708
#1	2378.2	34842.	3381.4	56.450	2797.9
#2	2379.1	34891.	3422.3	58.342	2796.2
#3	2382.7	34985.	3410.1	59.583	2805.0

Sample Name: K3340-01 Acquired: 6/13/2019 19:08:35 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-730(1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14613	-.01529	.35913	-.01357	.01052	127.97	.90433	.00938
Stddev	.00218	.00074	.00099	.00252	.00411	.63	.00461	.00014
%RSD	1.4899	4.8397	.27541	18.579	39.017	.49308	.50974	1.5384
#1	.14450	-.01609	.35859	-.01643	.01422	127.33	.89938	.00928
#2	.14529	-.01463	.35853	-.01257	.00610	128.59	.90849	.00933
#3	.14861	-.01514	.36027	-.01170	.01125	128.00	.90513	.00955
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	F 1923.7	.48471	.08052	1.0612	109.95	1.4472	77.704
Stddev	.00015	10.0	.00190	.00017	.0010	.87	.0015	.441
%RSD	70.302	.51967	.39163	.20511	.09683	.78920	.10652	.56763
#1	-.00012	1934.0	.48256	.08042	1.0615	109.98	1.4456	77.219
#2	-.00013	1923.0	.48616	.08044	1.0601	109.06	1.4486	78.082
#3	-.00038	1914.1	.48541	.08071	1.0621	110.80	1.4475	77.810
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50115	-.02939	3.1778	.95836	2.8026	8.0712	.25217	.16931
Stddev	.00111	.00061	.0331	.00090	.0044	.0765	.00109	.02320
%RSD	.22204	2.0765	1.0405	.09356	.15859	.94776	.43376	13.701
#1	.50151	-.02873	3.1445	.95738	2.8064	7.9855	.25329	.19300
#2	.49990	-.02950	3.2106	.95914	2.7977	8.1327	.25110	.16830
#3	.50203	-.02994	3.1784	.95854	2.8037	8.0953	.25211	.14664
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.872	.54766	.02682	5.5873	.09211	2.909	.96117	2.6478
Stddev	.100	.00404	.00139	.0247	.00236	.007	.00325	.1659
%RSD	.23337	.73703	5.1868	.44192	2.5577	.2396	.33849	6.2659
#1	42.982	.54797	.02671	5.5599	.08948	2.917	.95957	2.8160
#2	42.787	.54348	.02827	5.6077	.09282	2.906	.95903	2.6433
#3	42.847	.55153	.02549	5.5943	.09403	2.904	.96491	2.4843

Sample Name: K3340-01 Acquired: 6/13/2019 19:08:35 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-730(1) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	84.803
Stddev	1.566
%RSD	1.8471

#1	86.246
#2	83.137
#3	85.025

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.9	31111.	3564.2	51.177	1992.6
Stddev	3.7	34.	12.1	2.429	3.9
%RSD	.17344	.10880	.34029	4.7463	.19356

#1	2145.1	31086.	3556.6	48.865	1988.9
#2	2149.1	31098.	3578.2	53.708	1996.6
#3	2152.5	31150.	3557.8	50.958	1992.4

Sample Name: K3340-03 Acquired: 6/13/2019 19:13:10 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-730(2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11889	-.01417	1.2517	-.01214	.01385	131.95	.90552	.00966
Stddev	.00443	.00180	.0025	.00477	.00330	.85	.00820	.00027
%RSD	3.7305	12.726	.20029	39.264	23.837	.64416	.90546	2.8385
#1	.11394	-.01289	1.2545	-.00844	.01763	132.79	.91354	.00994
#2	.12250	-.01339	1.2497	-.01047	.01155	131.99	.90587	.00964
#3	.12022	-.01623	1.2508	-.01752	.01235	131.09	.89715	.00939
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	F 1950.2	.53791	.07281	.95352	108.59	1.3365	72.313
Stddev	.00016	13.5	.00260	.00028	.00150	.43	.0014	.371
%RSD	14.579	.69046	.48389	.38544	.15704	.39478	.10344	.51271
#1	.00109	1935.7	.53586	.07312	.95207	108.63	1.3380	72.130
#2	.00093	1962.3	.54084	.07272	.95506	108.99	1.3361	72.740
#3	.00124	1952.7	.53703	.07258	.95343	108.14	1.3353	72.069
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56491	-.02964	4.5581	1.0029	8.5218	8.5434	.29697	.17907
Stddev	.00163	.00015	.0368	.0062	.0154	.0595	.00054	.01652
%RSD	.28838	.49266	.80682	.61270	.18107	.69643	.18059	9.2235
#1	.56668	-.02980	4.5930	.99790	8.5239	8.6054	.29696	.17172
#2	.56455	-.02960	4.5616	1.0098	8.5361	8.5382	.29644	.19798
#3	.56348	-.02952	4.5197	1.0011	8.5055	8.4867	.29752	.16750
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.766	.45667	.08339	5.4005	.09315	2.310	.93271	2.7022
Stddev	.069	.00800	.00099	.0116	.00218	.008	.00210	.2023
%RSD	.15660	1.7527	1.1822	.21519	2.3374	.3471	.22567	7.4849
#1	43.787	.44840	.08262	5.4038	.09550	2.315	.93141	2.5758
#2	43.822	.46438	.08450	5.4102	.09120	2.315	.93514	2.5954
#3	43.689	.45722	.08306	5.3876	.09274	2.301	.93158	2.9355

Sample Name: K3340-03 Acquired: 6/13/2019 19:13:10 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-730(2) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	81.725
Stddev	2.413
%RSD	2.9522

#1	78.978
#2	82.694
#3	83.502

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2137.8	30837.	3536.3	51.057	1990.2
Stddev	3.9	137.	9.4	.846	4.6
%RSD	.18357	.44549	.26551	1.6570	.23184

#1	2141.3	30683.	3546.8	51.832	1989.6
#2	2133.6	30880.	3533.0	51.184	1985.8
#3	2138.6	30947.	3528.9	50.154	1995.0

Sample Name: K3340-05 Acquired: 6/13/2019 19:17:46 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BUS-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15493	-.01702	.66326	-.01789	.01409	134.49	1.2820	.00928
Stddev	.00288	.00413	.00261	.00467	.00259	.25	.0002	.00008
%RSD	1.8573	24.271	.39419	26.132	18.361	.18534	.01332	.89151
#1	.15820	-.01228	.66157	-.02281	.01537	134.46	1.2818	.00925
#2	.15276	-.01898	.66627	-.01351	.01579	134.75	1.2821	.00922
#3	.15384	-.01981	.66195	-.01734	.01111	134.25	1.2820	.00938
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	F 2060.9	.55332	.08128	1.1395	107.76	1.3481	82.818
Stddev	.00014	7.5	.00234	.00017	.0004	.28	.0040	.307
%RSD	65.827	.36166	.42364	.20767	.03636	.25596	.30012	.37077
#1	.00013	2059.7	.55392	.08144	1.1399	107.85	1.3485	83.003
#2	.00014	2068.9	.55531	.08129	1.1394	107.98	1.3518	82.463
#3	.00038	2054.2	.55073	.08110	1.1391	107.45	1.3438	82.988
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60432	-.03034	3.7321	1.2520	1.8691	7.3939	.26942	.18091
Stddev	.00045	.00044	.0144	.0011	.0041	.0051	.00132	.00621
%RSD	.07413	1.4462	.38455	.09058	.22037	.06915	.48982	3.4301
#1	.60481	-.02986	3.7211	1.2520	1.8664	7.3996	.26993	.18142
#2	.60392	-.03071	3.7269	1.2509	1.8671	7.3926	.27040	.17447
#3	.60423	-.03046	3.7483	1.2532	1.8738	7.3896	.26792	.18685
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.605	.57727	.04497	5.8089	.09960	2.086	1.1752	3.2779
Stddev	.052	.00758	.00152	.0132	.00205	.003	.0039	.2058
%RSD	.10866	1.3137	3.3801	.22742	2.0574	.1374	.33448	6.2789
#1	47.623	.56955	.04645	5.7980	.10057	2.088	1.1716	3.5147
#2	47.547	.58471	.04341	5.8051	.09724	2.083	1.1746	3.1764
#3	47.645	.57755	.04503	5.8236	.10098	2.086	1.1794	3.1425

Sample Name: K3340-05 Acquired: 6/13/2019 19:17:46 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BUS-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	79.643
Stddev	.404
%RSD	.50685

#1	80.094
#2	79.520
#3	79.316

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.1	30620.	3514.3	51.278	1967.3
Stddev	4.5	62.	1.8	1.912	4.1
%RSD	.21111	.20305	.05146	3.7290	.20724

#1	2106.5	30555.	3515.7	53.475	1962.9
#2	2111.3	30627.	3515.0	50.371	1970.9
#3	2115.4	30679.	3512.3	49.988	1968.0

Sample Name: K3342-01 Acquired: 6/13/2019 19:22:21 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06588	-.00966	.82015	-.01224	.00586	148.27	1.1470	.02446
Stddev	.00473	.00171	.00175	.00225	.00132	.58	.0052	.00054
%RSD	7.1829	17.719	.21359	18.404	22.493	.38871	.45209	2.1875
#1	.06730	-.00768	.82116	-.01106	.00722	147.65	1.1439	.02506
#2	.06975	-.01060	.82116	-.01483	.00458	148.78	1.1530	.02429
#3	.06061	-.01068	.81813	-.01081	.00578	148.40	1.1442	.02403
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	88.872	.27917	.17142	1.1385	252.38	7.1260	54.623
Stddev	.00036	.461	.00063	.00062	.0019	2.79	.0141	.128
%RSD	5.6180	.51848	.22409	.36158	.16768	1.1053	.19831	.23398
#1	.00642	88.925	.27849	.17081	1.1367	253.33	7.1400	54.575
#2	.00597	89.304	.27972	.17205	1.1384	254.56	7.1264	54.768
#3	.00667	88.387	.27931	.17139	1.1405	249.23	7.1117	54.526
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43027	-.02390	1.5184	.40197	1.5962	12.251	.00457	.17570
Stddev	.00083	.00111	.0033	.00201	.0032	.069	.00010	.01683
%RSD	.19287	4.6583	.21645	.50002	.20174	.56064	2.2745	9.5771
#1	.42972	-.02413	1.5219	.40331	1.5925	12.319	.00447	.16953
#2	.43122	-.02269	1.5179	.40294	1.5977	12.182	.00458	.19474
#3	.42987	-.02488	1.5153	.39966	1.5984	12.254	.00467	.16283
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7992	2.9094	.05418	3.0626	.22383	6.551	-.06687	<.00000
Stddev	.0072	.0242	.00084	.0144	.00028	.011	.00326	.33800
%RSD	.25847	.83200	1.5471	.47037	.12621	.1622	4.8785	5.5748
#1	2.7975	2.9345	.05420	3.0493	.22350	6.540	-.06811	-6.4474
#2	2.8071	2.9074	.05500	3.0606	.22402	6.562	-.06934	-5.8125
#3	2.7930	2.8863	.05333	3.0779	.22396	6.550	-.06317	-5.9291

Sample Name: K3342-01 Acquired: 6/13/2019 19:22:21 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-012 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 363.47
Stddev	1.10
%RSD	.30196

#1	363.50
#2	362.36
#3	364.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.4	41353.	4369.8	56.867	2436.7
Stddev	8.1	216.	17.2	1.088	10.2
%RSD	.28225	.52184	.39271	1.9136	.41729

#1	2867.2	41211.	4354.1	55.802	2448.5
#2	2856.8	41247.	4367.3	56.820	2431.2
#3	2851.3	41601.	4388.1	57.977	2430.6

Sample Name: K3343-01 Acquired: 6/13/2019 19:26:55 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07439	-.02577	.16731	-.01895	.00536	137.10	.93789	.01548
Stddev	.00426	.00161	.00230	.00398	.00307	.61	.00489	.00031
%RSD	5.7293	6.2526	1.3744	21.002	57.251	.44134	.52170	1.9988
#1	.06966	-.02473	.16996	-.01439	.00216	136.88	.93682	.01577
#2	.07793	-.02763	.16579	-.02074	.00828	137.78	.94323	.01551
#3	.07558	-.02495	.16619	-.02172	.00564	136.63	.93362	.01515
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	1633.3	.20846	.12476	.80194	191.92	3.8931	307.80
Stddev	.00024	5.9	.00115	.00026	.00050	.26	.0084	1.71
%RSD	11.125	.35975	.54935	.20829	.06265	.13463	.21561	.55467
#1	.00210	1632.2	.20854	.12469	.80251	191.72	3.8851	306.84
#2	.00236	1628.1	.20957	.12455	.80172	191.83	3.9019	309.77
#3	.00189	1639.7	.20728	.12505	.80157	192.21	3.8924	306.79
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96174	-.03581	9.5472	.27516	1.2432	24.875	.00851	.27913
Stddev	.00088	.00073	.0577	.00116	.0035	.161	.00030	.01350
%RSD	.09139	2.0442	.60450	.42060	.27981	.64695	3.5602	4.8371
#1	.96074	-.03595	9.5070	.27445	1.2392	24.840	.00869	.26907
#2	.96207	-.03502	9.6133	.27453	1.2450	25.051	.00869	.27385
#3	.96241	-.03646	9.5211	.27649	1.2455	24.735	.00816	.29448
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.105	.75072	.00944	5.8814	.15849	9.057	4.9499	1.8517
Stddev	.061	.00485	.00066	.0107	.00153	.032	.0167	.1641
%RSD	.17240	.64614	6.9469	.18261	.96693	.3484	.33812	8.8605
#1	35.036	.75491	.00956	5.8724	.15785	9.073	4.9570	1.8908
#2	35.138	.74541	.01003	5.8785	.15739	9.077	4.9308	1.9926
#3	35.143	.75184	.00874	5.8933	.16024	9.021	4.9619	1.6716

Sample Name: K3343-01 Acquired: 6/13/2019 19:26:55 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 199.38
Stddev	.66
%RSD	.32877

#1	199.02
#2	198.98
#3	200.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.0	32936.	3786.8	51.130	1914.4
Stddev	6.8	112.	25.7	1.064	6.3
%RSD	.29869	.34087	.67867	2.0802	.33049

#1	2268.7	32910.	3773.0	50.722	1921.7
#2	2258.5	32838.	3816.5	52.337	1910.7
#3	2256.0	33058.	3771.0	50.331	1910.8

Sample Name: K3344-01 Acquired: 6/13/2019 19:31:28 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08330	-.03467	.19967	-.02338	.00930	185.92	1.4042	.01760
Stddev	.00137	.00269	.00108	.00801	.00030	11.97	.0902	.00129
%RSD	1.6506	7.7639	.53872	34.263	3.2606	6.4354	6.4220	7.3454
#1	.08310	-.03756	.19919	-.02908	.00898	178.36	1.3515	.01671
#2	.08476	-.03421	.20091	-.02684	.00959	179.68	1.3527	.01701
#3	.08203	-.03224	.19892	-.01422	.00933	199.71	1.5083	.01908
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	F 1817.7	.29079	.10176	.78070	199.05	4.0624	216.55
Stddev	.00140	123.9	.02029	.00066	.00221	13.42	.2872	13.38
%RSD	77.408	6.8175	6.9785	.64584	.28278	6.7406	7.0703	6.1765
#1	.00261	1730.1	.27849	.10165	.78244	190.76	3.8882	207.20
#2	.00263	1763.4	.27968	.10247	.78144	191.85	3.9050	210.58
#3	.00019	1959.5	.31422	.10117	.77822	214.53	4.3939	231.87
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21654	-.04066	10.249	.36959	1.6209	41.574	.01362	.37184
Stddev	.00028	.00272	.680	.02625	.0019	2.648	.00016	.02599
%RSD	.13032	6.6963	6.6393	7.1012	.11688	6.3706	1.2024	6.9907
#1	.21656	-.03987	9.8552	.35568	1.6230	39.937	.01352	.37027
#2	.21624	-.03843	9.8578	.35324	1.6195	40.155	.01381	.34667
#3	.21680	-.04369	11.035	.39987	1.6201	44.630	.01353	.39858
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.839	.78430	.01163	7.8742	.21076	9.666	6.1670	1.6636
Stddev	.059	.01823	.00156	.0514	.00131	.017	.0401	1.8364
%RSD	.12400	2.3242	13.408	.65333	.61997	.1719	.65107	110.38
#1	47.875	.79751	.00983	7.9017	.20948	9.657	6.1640	.42574
#2	47.771	.79188	.01252	7.8148	.21069	9.655	6.1284	.79166
#3	47.872	.76350	.01255	7.9060	.21209	9.685	6.2085	3.7736

Sample Name: K3344-01 Acquired: 6/13/2019 19:31:28 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 202.85
Stddev	.29
%RSD	.14398

#1	203.05
#2	202.52
#3	203.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.5	31800.	3805.0	49.711	1911.5
Stddev	2.5	1957.	17.9	.339	3.7
%RSD	.10909	6.1537	.47017	.68110	.19483

#1	2262.8	32981.	3799.0	49.472	1908.8
#2	2265.9	32877.	3825.1	50.098	1915.7
#3	2267.7	29541.	3790.9	49.562	1909.8

Sample Name: K3346-01 Acquired: 6/13/2019 19:36:10 Type: Unk

Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07180	-.02636	.17527	-.02100	.00485	149.71	1.0392	.01632
Stddev	.00425	.00099	.00234	.00500	.00216	.90	.0077	.00034
%RSD	5.9214	3.7530	1.3347	23.792	44.582	.60437	.74097	2.0666
#1	.07654	-.02689	.17283	-.02367	.00238	150.51	1.0460	.01637
#2	.07054	-.02522	.17749	-.01524	.00638	148.73	1.0309	.01664
#3	.06833	-.02698	.17551	-.02410	.00578	149.90	1.0409	.01597
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	1592.7	.22496	.11380	1.0304	190.45	4.1306	270.34
Stddev	.00015	12.4	.00199	.00065	.0058	.35	.0046	1.14
%RSD	8.3825	.77838	.88472	.57165	.56590	.18397	.11151	.42301
#1	.00194	1578.4	.22606	.11305	1.0330	190.06	4.1340	270.61
#2	.00169	1601.0	.22266	.11413	1.0237	190.74	4.1254	269.09
#3	.00167	1598.6	.22616	.11422	1.0345	190.56	4.1325	271.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66298	-.03587	10.674	.28114	1.3572	26.546	.00813	.31895
Stddev	.00222	.00072	.076	.00181	.0052	.173	.00066	.00791
%RSD	.33532	1.9988	.71658	.64326	.38257	.65350	8.1523	2.4811
#1	.66057	-.03505	10.728	.28062	1.3515	26.687	.00871	.32407
#2	.66495	-.03619	10.587	.27965	1.3616	26.352	.00740	.30984
#3	.66341	-.03638	10.708	.28315	1.3587	26.598	.00827	.32295
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.515	.78187	.01083	6.1709	.20034	9.101	5.2651	1.2576
Stddev	.069	.00574	.00056	.0102	.00021	.025	.0138	.5043
%RSD	.19330	.73350	5.2004	.16499	.10657	.2796	.26254	40.100
#1	35.436	.77907	.01098	6.1747	.20054	9.090	5.2502	1.4833
#2	35.546	.77808	.01021	6.1787	.20011	9.130	5.2775	1.6097
#3	35.562	.78847	.01131	6.1594	.20035	9.082	5.2677	.67988

Sample Name: K3346-01 Acquired: 6/13/2019 19:36:10 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 197.10
Stddev	1.29
%RSD	.65561

#1	195.63
#2	197.59
#3	198.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2243.8	32747.	3749.5	49.559	1923.7
Stddev	3.5	102.	25.6	.900	7.3
%RSD	.15552	.31269	.68354	1.8164	.37915

#1	2247.6	32629.	3767.6	50.588	1930.2
#2	2240.7	32806.	3720.2	48.920	1915.8
#3	2243.1	32805.	3760.7	49.168	1925.1

Sample Name: K3156-03 Acquired: 6/13/2019 19:40:43 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-061219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06363	-.01632	.23149	-.01868	.00241	164.12	.88009	.02427
Stddev	.00360	.00379	.00049	.00212	.00161	.83	.00397	.00021
%RSD	5.6512	23.236	.21164	11.375	66.573	.50727	.45143	.87462
#1	.06671	-.01897	.23200	-.02106	.00083	163.23	.87623	.02421
#2	.05968	-.01197	.23144	-.01797	.00236	164.24	.87988	.02451
#3	.06450	-.01800	.23103	-.01700	.00405	164.89	.88417	.02410
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01320	107.74	.21621	.21294	.62398	228.38	4.9393	57.572
Stddev	.00018	.46	.00052	.00097	.00345	1.36	.0189	.267
%RSD	1.3804	.42969	.23946	.45551	.55315	.59431	.38345	.46414
#1	.01310	107.22	.21677	.21278	.62044	226.88	4.9213	57.383
#2	.01341	108.10	.21575	.21398	.62416	229.53	4.9591	57.455
#3	.01308	107.91	.21611	.21207	.62734	228.71	4.9376	57.878
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25668	-.02772	12.630	.49765	1.0623	10.710	-.00250	.13423
Stddev	.00057	.00055	.059	.00243	.0009	.009	.00030	.00322
%RSD	.22272	1.9993	.46890	.48879	.08183	.08375	12.095	2.3954
#1	.25649	-.02811	12.562	.50015	1.0632	10.706	-.00233	.13604
#2	.25623	-.02797	12.670	.49751	1.0615	10.720	-.00285	.13614
#3	.25733	-.02709	12.658	.49529	1.0622	10.703	-.00232	.13052
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4139	.73916	.01157	2.9553	.15778	F 12.41	.00496	<.00000
Stddev	.0192	.01176	.00288	.0027	.00054	.04	.00057	.10339
%RSD	.43441	1.5905	24.855	.09165	.34498	.3207	11.428	.62083
#1	4.3937	.73400	.01125	2.9528	.15775	12.42	.00561	-16.749
#2	4.4318	.75261	.01459	2.9582	.15834	12.44	.00455	-16.544
#3	4.4160	.73086	.00887	2.9550	.15725	12.36	.00472	-16.667

Sample Name: K3156-03 Acquired: 6/13/2019 19:40:43 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-061219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 475.16
Stddev	4.03
%RSD	.84876

#1	479.06
#2	475.41
#3	471.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.0	51739.	5550.8	56.771	2366.2
Stddev	6.4	186.	22.0	1.724	2.5
%RSD	.18013	.35896	.39673	3.0364	.10395

#1	3525.3	51937.	5570.8	54.808	2363.6
#2	3532.7	51709.	5527.2	58.039	2366.6
#3	3538.0	51570.	5554.5	57.464	2368.4

Sample Name: K3159-01 Acquired: 6/13/2019 19:45:16 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03447	-.00608	.26559	-.00279	.00383	148.16	.75154	.01606
Stddev	.00366	.00119	.00244	.00117	.00074	.66	.00115	.00051
%RSD	10.612	19.652	.91767	41.957	19.302	.44588	.15268	3.1765
#1	.03836	-.00719	.26326	-.00144	.00405	147.60	.75031	.01664
#2	.03110	-.00624	.26539	-.00343	.00300	147.98	.75175	.01574
#3	.03394	-.00481	.26812	-.00350	.00443	148.89	.75257	.01578
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	76.924	.18539	.12783	.51968	197.26	4.5494	56.141
Stddev	.00021	.320	.00108	.00099	.00141	.90	.0021	.320
%RSD	22.124	.41550	.58317	.77688	.27112	.45802	.04689	.56961
#1	-.00098	76.830	.18462	.12854	.51831	196.93	4.5470	55.793
#2	-.00071	76.662	.18662	.12669	.51960	196.57	4.5506	56.210
#3	-.00112	77.280	.18491	.12826	.52112	198.28	4.5507	56.421
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22068	-.01712	7.9602	.43832	.55851	12.421	.00001	.15062
Stddev	.00020	.00068	.0219	.00193	.00401	.034	.00012	.00821
%RSD	.08911	3.9586	.27567	.44023	.71832	.27596	1089.1	5.4516
#1	.22045	-.01712	7.9544	.43644	.56082	12.400	-.00011	.14685
#2	.22077	-.01779	7.9418	.44029	.55388	12.402	.00000	.14496
#3	.22081	-.01643	7.9845	.43822	.56083	12.460	.00014	.16003
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6211	1.0948	.01426	2.8873	.15949	6.734	-.03541	<.00000
Stddev	.0109	.0089	.00076	.0085	.00089	.012	.00139	.18409
%RSD	.23527	.81024	5.3587	.29418	.55877	.1790	3.9202	5.8510
#1	4.6102	1.0969	.01420	2.8870	.16051	6.724	-.03554	-3.0864
#2	4.6211	1.1025	.01505	2.8959	.15905	6.731	-.03396	-2.9994
#3	4.6319	1.0851	.01352	2.8789	.15889	6.748	-.03672	-3.3527

Sample Name: K3159-01 Acquired: 6/13/2019 19:45:16 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 247.79
Stddev	.76
%RSD	.30746

#1	247.96
#2	246.95
#3	248.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.1	39692.	4174.9	57.368	2444.3
Stddev	13.8	122.	31.4	1.149	12.9
%RSD	.49886	.30789	.75227	2.0032	.52772

#1	2754.2	39656.	4143.1	58.665	2436.4
#2	2773.4	39828.	4175.5	56.964	2459.2
#3	2746.8	39592.	4205.9	56.476	2437.3

Sample Name: K3159-03 Acquired: 6/13/2019 19:49:41 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02475	-.01098	.35975	-.00681	.00465	130.55	.62312	.01478
Stddev	.00063	.00103	.00201	.00273	.00106	.75	.00260	.00011
%RSD	2.5417	9.3489	.55754	40.049	22.745	.57649	.41675	.74292
#1	.02548	-.01015	.35946	-.00799	.00354	129.73	.62051	.01466
#2	.02444	-.01066	.35791	-.00874	.00565	130.71	.62315	.01484
#3	.02434	-.01213	.36188	-.00369	.00476	131.21	.62570	.01485
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	99.185	.15466	.13317	.54744	196.21	2.6719	71.747
Stddev	.00019	.409	.00059	.00009	.00166	.59	.0042	.580
%RSD	32.575	.41191	.38422	.06939	.30348	.30005	.15683	.80825
#1	-.00035	98.757	.15522	.13327	.54876	195.74	2.6733	71.106
#2	-.00067	99.570	.15472	.13317	.54558	196.87	2.6752	72.234
#3	-.00068	99.229	.15403	.13308	.54799	196.02	2.6672	71.902
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18096	-.01893	7.5689	.42404	.53531	15.899	.00008	.13966
Stddev	.00065	.00043	.0313	.00097	.00158	.044	.00022	.01989
%RSD	.35898	2.2897	.41402	.22891	.29483	.27700	264.58	14.241
#1	.18156	-.01941	7.5340	.42516	.53713	15.850	-.00006	.14528
#2	.18105	-.01878	7.5946	.42349	.53435	15.935	.00033	.11757
#3	.18027	-.01858	7.5781	.42347	.53444	15.913	-.00003	.15614
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1184	1.3417	.01504	4.0280	.15561	8.715	-.00647	<.00000
Stddev	.0266	.0119	.00121	.0228	.00074	.006	.00139	.14549
%RSD	.43427	.89023	8.0190	.56602	.47236	.0684	21.510	4.7686
#1	6.1336	1.3506	.01540	4.0083	.15482	8.711	-.00715	-3.0719
#2	6.1339	1.3282	.01369	4.0227	.15627	8.722	-.00740	-2.8964
#3	6.0877	1.3465	.01602	4.0529	.15576	8.711	-.00487	-3.1851

Sample Name: K3159-03 Acquired: 6/13/2019 19:49:41 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 245.56
Stddev	1.48
%RSD	.60179

#1	244.69
#2	244.72
#3	247.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.9	39591.	4160.6	57.519	2402.7
Stddev	9.8	91.	4.3	1.187	6.2
%RSD	.35744	.23106	.10291	2.0639	.25798

#1	2721.0	39645.	4163.4	56.749	2395.6
#2	2739.9	39486.	4162.7	56.923	2407.1
#3	2734.8	39643.	4155.6	58.887	2405.2

Sample Name: CCV07 Acquired: 6/13/2019 19:54:06 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0793	5.1528	5.0499	5.0700	5.0869	10.223	10.089	.25711
Stddev	.0136	.0082	.0109	.0041	.0131	.111	.036	.00068
%RSD	.26837	.15992	.21538	.08010	.25698	1.0886	.35502	.26295
#1	5.0930	5.1615	5.0622	5.0680	5.0917	10.095	10.076	.25710
#2	5.0792	5.1518	5.0460	5.0673	5.0968	10.272	10.061	.25779
#3	5.0657	5.1451	5.0415	5.0747	5.0721	10.301	10.129	.25644
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5357	25.432	1.0291	2.5344	1.2898	5.2293	2.6091	25.160
Stddev	.0011	.174	.0018	.0036	.0033	.0015	.0014	.246
%RSD	.04405	.68265	.17741	.14045	.25855	.02972	.05378	.97854
#1	2.5368	25.302	1.0270	2.5382	1.2922	5.2275	2.6096	24.895
#2	2.5345	25.364	1.0300	2.5339	1.2911	5.2305	2.6101	25.202
#3	2.5356	25.629	1.0302	2.5311	1.2860	5.2298	2.6075	25.382
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5629	1.2702	25.163	2.5848	2.5073	25.291	5.1315	5.0723
Stddev	.0069	.0011	.088	.0027	.0032	.080	.0030	.0118
%RSD	.26839	.08874	.35000	.10418	.12748	.31726	.05842	.23255
#1	2.5701	1.2715	25.101	2.5866	2.5108	25.286	5.1338	5.0633
#2	2.5622	1.2695	25.126	2.5862	2.5067	25.214	5.1326	5.0857
#3	2.5564	1.2696	25.264	2.5818	2.5045	25.374	5.1281	5.0681
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1887	5.1565	5.0824	5.1866	5.2501	5.171	5.1959	F 5.8322
Stddev	.0130	.0230	.0103	.0234	.0209	.004	.0281	.1383
%RSD	.25095	.44641	.20315	.45123	.39820	.0783	.54107	2.3719
#1	5.1890	5.1446	5.0873	5.1606	5.2609	5.174	5.2057	5.8719
#2	5.1756	5.1830	5.0706	5.2058	5.2634	5.173	5.2177	5.9463
#3	5.2016	5.1419	5.0894	5.1935	5.2260	5.166	5.1642	5.6783

Sample Name: CCV07 Acquired: 6/13/2019 19:54:06 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0550
Stddev .5934
%RSD 56.241

#1 1.7367
#2 .77342
#3 .65490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.8	32913.	3343.1	55.544	2473.3
Stddev	5.4	59.	28.4	1.616	6.3
%RSD	.23785	.17860	.84884	2.9098	.25520

#1	2267.3	32856.	3328.8	57.277	2466.1
#2	2272.8	32909.	3324.7	54.078	2476.2
#3	2278.1	32973.	3375.8	55.278	2477.6

Sample Name: CCB07 Acquired: 6/13/2019 19:58:05 Type: Unk
Method: P4-ICP2(v3198) 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	.00166	.00185	.00190	.00190	.00170	.00200	.00036
Stddev	.00457	.00139	.00089	.00269	.00050	.01168	.00019
%RSD	275.03	74.920	46.805	141.47	29.403	585.19	52.736

#1	.00212	.00156	.00286	.00205	.00113	.01501	.00028
#2	.00599	.00336	.00109	-.00086	.00207	-.00145	.00057
#3	-.00312	.00063	.00176	.00451	.00191	-.00757	.00021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00003	.00507	-.00010	-.00015	.00005	.00155
Stddev	.00006	.00006	.00807	.00009	.00004	.00024	.00053
%RSD	213.22	214.55	159.22	97.208	28.345	462.65	34.244

#1	.00009	-.00004	.00033	-.00004	-.00018	-.00023	.00137
#2	.00001	.00004	.00049	-.00020	-.00017	.00016	.00214
#3	-.00002	-.00008	.01439	-.00005	-.00010	.00023	.00113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00364	-.00061	-.00026	-.12661	-.00031	-.00045
Stddev	.00001	.06549	.00026	.00042	.00655	.00021	.00009
%RSD	177.73	1798.0	42.410	158.28	5.1707	67.191	20.106

#1	.00002	-.07075	-.00091	-.00060	-.13388	-.00037	-.00045
#2	.00000	.05261	-.00045	-.00039	-.12478	-.00007	-.00054
#3	-.00000	.02907	-.00047	.00020	-.12117	-.00047	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03043	.00110	.00265	-.00832	-.00208	-.00120	.00085
Stddev	.02740	.00031	.01472	.00306	.00144	.00080	.00072
%RSD	90.041	28.496	555.79	36.838	69.369	66.438	84.237

#1	.00394	.00084	.00228	-.00716	-.00284	-.00211	.00133
#2	.05866	.00145	-.01188	-.00600	-.00042	-.00064	.00003
#3	.02871	.00101	.01755	-.01179	-.00297	-.00085	.00120

Sample Name: CCB07 Acquired: 6/13/2019 19:58:05 Type: Unk
Method: P4-ICP2(v3198) 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	.00044	.0003	.00008	F 3.7655	F<.00000
Stddev	.00052	.0013	.00006	.5807	1.3903
%RSD	119.99	410.8	73.690	15.422	66.274
#1	-.00015	.0019	.00005	4.4195	-3.2642
#2	.00062	-.0003	.00004	3.5665	-.55932
#3	.00085	-.0006	.00015	3.3104	-2.4699
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.7	34539.	3352.9	58.622	2805.7
Stddev	4.2	161.	17.5	.784	5.4
%RSD	.17764	.46646	.52123	1.3373	.19190
#1	2384.8	34355.	3355.4	59.175	2801.6
#2	2380.4	34611.	3369.0	58.967	2803.7
#3	2388.9	34652.	3334.3	57.725	2811.8

Sample Name: K3285-02 Acquired: 6/13/2019 20:02:34 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-1-OW(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05392	-.02143	.88703	-.00603	.00324	148.27	.92367	.01822
Stddev	.00212	.00053	.00404	.00385	.00178	.85	.00328	.00032
%RSD	3.9247	2.4786	.45505	63.775	54.916	.57548	.35530	1.7704
#1	.05550	-.02118	.88628	-.00225	.00323	147.39	.91995	.01845
#2	.05152	-.02203	.88342	-.00591	.00502	149.09	.92615	.01836
#3	.05475	-.02106	.89139	-.00993	.00147	148.31	.92491	.01785
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	92.799	.27519	.15219	.76272	209.28	4.4256	54.620
Stddev	.00025	.467	.00078	.00092	.00103	.84	.0031	.389
%RSD	7.4390	.50273	.28496	.60751	.13563	.40102	.07019	.71153
#1	.00358	92.519	.27569	.15113	.76207	208.87	4.4267	54.297
#2	.00310	93.338	.27429	.15268	.76391	210.25	4.4280	55.051
#3	.00345	92.541	.27560	.15277	.76217	208.72	4.4221	54.512
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28961	-.01982	1.6730	.40029	1.3720	15.745	.00509	.22330
Stddev	.00087	.00033	.0125	.00024	.0026	.067	.00006	.01029
%RSD	.30196	1.6621	.74616	.05973	.18804	.42435	1.2204	4.6080
#1	.28925	-.02020	1.6593	.40003	1.3691	15.680	.00503	.21414
#2	.28896	-.01966	1.6836	.40037	1.3730	15.814	.00516	.22134
#3	.29060	-.01961	1.6762	.40049	1.3739	15.742	.00509	.23444
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1267	1.4035	.05400	4.8356	.12867	F 12.97	-.02299	<.00000
Stddev	.0153	.0046	.00128	.0053	.00064	.04	.00046	.12180
%RSD	.48895	.32940	2.3764	.10893	.49419	.2792	1.9936	2.1149
#1	3.1157	1.4028	.05330	4.8400	.12924	12.93	-.02289	-5.6818
#2	3.1201	1.3992	.05321	4.8369	.12878	12.98	-.02349	-5.6957
#3	3.1441	1.4084	.05548	4.8297	.12799	13.00	-.02259	-5.8994

Sample Name: K3285-02 Acquired: 6/13/2019 20:02:34 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-1-OW(0-10) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 288.38
Stddev	3.39
%RSD	1.1756

#1	285.45
#2	292.09
#3	287.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2909.4	42206.	4433.5	55.088	2399.1
Stddev	6.1	65.	20.4	2.040	3.1
%RSD	.20901	.15483	.45923	3.7025	.12920

#1	2913.3	42166.	4411.0	53.718	2402.3
#2	2902.4	42171.	4438.6	54.114	2399.0
#3	2912.6	42282.	4450.7	57.432	2396.1

Sample Name: K3303-02 Acquired: 6/13/2019 20:07:00 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05400	.00146	.18547	-.00603	.00334	138.36	.71795	.01891
Stddev	.00225	.00086	.00162	.00352	.00169	.41	.00274	.00022
%RSD	4.1734	58.606	.87609	58.412	50.513	.29503	.38177	1.1510
#1	.05575	.00244	.18507	-.00440	.00374	138.34	.71478	.01867
#2	.05481	.00084	.18726	-.01008	.00149	138.78	.71956	.01909
#3	.05146	.00110	.18409	-.00362	.00479	137.96	.71950	.01896
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	178.24	.21635	.15007	.44682	219.42	4.3485	72.356
Stddev	.00042	.45	.00086	.00057	.00040	.65	.0032	.153
%RSD	16.764	.25338	.39843	.37782	.09013	.29845	.07377	.21162
#1	-.00300	178.19	.21720	.14956	.44729	219.98	4.3520	72.232
#2	-.00218	178.71	.21638	.15068	.44656	218.70	4.3478	72.527
#3	-.00242	177.81	.21547	.14999	.44662	219.58	4.3457	72.309
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60945	-.01970	7.4874	.32403	.91915	12.553	.00446	.11378
Stddev	.00182	.00041	.0490	.00175	.00217	.017	.00012	.00942
%RSD	.29791	2.0951	.65371	.53909	.23611	.13860	2.6693	8.2799
#1	.60737	-.02018	7.4568	.32555	.91671	12.567	.00454	.11999
#2	.61072	-.01945	7.5438	.32442	.91987	12.558	.00451	.10294
#3	.61025	-.01949	7.4615	.32212	.92087	12.533	.00432	.11841
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9655	3.6328	.01400	1.6974	.15923	4.312	.21364	<.00000
Stddev	.0112	.0138	.00090	.0087	.00119	.012	.00161	.37103
%RSD	.28116	.38016	6.4180	.51461	.74427	.2751	.75509	54.131
#1	3.9526	3.6453	.01330	1.6884	.15786	4.307	.21453	-.76956
#2	3.9712	3.6351	.01501	1.7058	.15991	4.326	.21461	-1.0072
#3	3.9726	3.6180	.01368	1.6982	.15992	4.304	.21177	-.27956

Sample Name: K3303-02 Acquired: 6/13/2019 20:07:00 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B03 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 253.97
Stddev .39
%RSD .15463

#1 253.57
#2 254.35
#3 253.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2542.0	36847.	3882.3	56.592	2371.3
Stddev	4.1	106.	24.0	1.323	6.3
%RSD	.16245	.28897	.61756	2.3384	.26730

#1	2546.0	36741.	3854.7	56.441	2376.2
#2	2537.8	36847.	3898.4	57.984	2364.2
#3	2542.2	36954.	3893.7	55.351	2373.5

Sample Name: K3303-04 Acquired: 6/13/2019 20:11:26 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02822	-.00639	.08255	.00031	-.00026	69.585	.48273	.01282
Stddev	.00240	.00189	.00059	.00338	.00082	.282	.00175	.00016
%RSD	8.5024	29.605	.71541	1080.7	322.22	.40474	.36316	1.2203
#1	.02581	-.00846	.08291	.00150	.00010	69.722	.48316	.01283
#2	.03061	-.00594	.08187	.00294	-.00120	69.771	.48423	.01266
#3	.02823	-.00476	.08287	-.00350	.00033	69.261	.48081	.01297
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	49.269	.18086	.20454	.43997	168.51	4.8868	152.65
Stddev	.00021	.172	.00048	.00029	.00052	.80	.0059	.79
%RSD	6.1802	.34995	.26310	.14004	.11832	.47197	.12069	.51424
#1	-.00370	49.368	.18137	.20485	.44057	169.25	4.8916	152.59
#2	-.00333	49.368	.18079	.20449	.43963	168.62	4.8886	153.47
#3	-.00332	49.069	.18043	.20428	.43971	167.67	4.8802	151.90
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1251	-.01301	7.8956	.18128	.59652	10.554	-.00237	.09552
Stddev	.0010	.00017	.0204	.00093	.00214	.023	.00032	.00590
%RSD	.03081	1.3061	.25818	.51157	.35942	.22236	13.676	6.1738
#1	3.1249	-.01291	7.9169	.18234	.59409	10.578	-.00271	.09259
#2	3.1261	-.01320	7.8934	.18084	.59733	10.554	-.00234	.10231
#3	3.1243	-.01291	7.8763	.18065	.59814	10.531	-.00206	.09166
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33726	.85581	.00931	2.2810	.10115	5.912	-.08704	<.00000
Stddev	.00488	.00695	.00078	.0059	.00046	.008	.00090	.09510
%RSD	1.4481	.81190	8.3424	.25904	.45687	.1410	1.0348	26.467
#1	.33906	.86054	.00999	2.2744	.10141	5.922	-.08798	-.32412
#2	.33173	.84783	.00847	2.2829	.10143	5.906	-.08694	-.28683
#3	.34099	.85905	.00948	2.2857	.10062	5.909	-.08619	-.46700

Sample Name: K3303-04 Acquired: 6/13/2019 20:11:26 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B02 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 181.30
Stddev	.65
%RSD	.35819

#1	180.73
#2	181.17
#3	182.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.5	37557.	3871.5	56.393	2426.0
Stddev	5.3	139.	3.4	1.116	1.6
%RSD	.20271	.36938	.08702	1.9793	.06436

#1	2609.9	37434.	3869.6	56.267	2427.5
#2	2599.3	37531.	3869.5	55.345	2424.4
#3	2604.3	37707.	3875.4	57.567	2426.1

Sample Name: K3303-07 Acquired: 6/13/2019 20:15:45 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02183	-.01033	.07201	-.00355	.00163	72.671	.51467	.01264
Stddev	.00258	.00302	.00113	.00276	.00148	.320	.00137	.00024
%RSD	11.805	29.222	1.5759	77.917	91.039	.44095	.26662	1.8984
#1	.02366	-.00731	.07174	-.00168	.00164	72.390	.51346	.01264
#2	.02294	-.01335	.07104	-.00672	.00310	73.020	.51616	.01240
#3	.01888	-.01035	.07326	-.00223	.00014	72.604	.51441	.01288
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00322	56.732	.23565	.19995	.54366	179.97	5.0152	188.13
Stddev	.00009	.132	.00131	.00042	.00108	.33	.0118	.30
%RSD	2.8306	.23269	.55701	.20896	.19799	.18109	.23463	.15957
#1	-.00313	56.590	.23549	.20030	.54372	179.80	5.0287	187.78
#2	-.00322	56.755	.23704	.19949	.54471	179.76	5.0069	188.34
#3	-.00331	56.851	.23443	.20005	.54256	180.35	5.0100	188.26
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7725	-.01431	1.5139	.22761	.54570	14.780	.00334	.12814
Stddev	.0040	.00041	.0110	.00074	.00173	.067	.00041	.01293
%RSD	.14591	2.8626	.72850	.32422	.31740	.45124	12.413	10.093
#1	2.7757	-.01469	1.5247	.22745	.54743	14.730	.00321	.12677
#2	2.7739	-.01388	1.5144	.22841	.54570	14.856	.00300	.11594
#3	2.7680	-.01438	1.5026	.22696	.54396	14.754	.00380	.14170
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83912	.83553	.00925	3.3996	.14102	4.934	-.08917	.58616
Stddev	.00670	.00231	.00064	.0011	.00086	.009	.00079	.20427
%RSD	.79796	.27684	6.9555	.03343	.60781	.1786	.88870	34.850
#1	.83195	.83624	.00994	3.4004	.14029	4.926	-.08873	.82069
#2	.84521	.83294	.00866	3.3983	.14081	4.943	-.08870	.49067
#3	.84021	.83740	.00915	3.4001	.14197	4.931	-.09009	.44711

Sample Name: K3303-07 Acquired: 6/13/2019 20:15:45 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B13 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 195.58
Stddev	.84
%RSD	.43028

#1	194.64
#2	195.83
#3	196.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.6	36874.	3821.2	55.866	2407.0
Stddev	8.9	45.	18.0	1.757	5.3
%RSD	.35196	.12172	.47217	3.1457	.22085

#1	2538.9	36834.	3808.2	57.833	2404.7
#2	2532.6	36865.	3841.8	55.314	2403.3
#3	2550.2	36923.	3813.5	54.451	2413.1

Sample Name: K3303-07DUP Acquired: 6/13/2019 20:20:05 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B13DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02152	-.01021	.07219	-.00060	.00236	73.327	.52041	.01306
Stddev	.00103	.00056	.00057	.00217	.00255	.234	.00078	.00015
%RSD	4.7813	5.4417	.78464	363.45	108.19	.31857	.15074	1.1841
#1	.02033	-.01023	.07154	.00001	.00531	73.218	.51955	.01320
#2	.02212	-.01075	.07240	.00120	.00095	73.169	.52109	.01310
#3	.02210	-.00964	.07261	-.00300	.00083	73.596	.52059	.01289
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00336	57.479	.24599	.20512	.53954	183.38	5.1149	194.97
Stddev	.00017	.181	.00056	.00034	.00162	.74	.0078	.63
%RSD	5.1893	.31524	.22800	.16722	.30086	.40297	.15350	.32516
#1	-.00324	57.403	.24658	.20503	.53856	182.75	5.1062	194.64
#2	-.00327	57.348	.24547	.20549	.54141	183.19	5.1171	194.57
#3	-.00356	57.686	.24591	.20482	.53864	184.19	5.1215	195.70
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8613	-.01475	1.5384	.23334	.55056	14.878	.00270	.11813
Stddev	.0107	.00012	.0057	.00099	.00309	.046	.00020	.01852
%RSD	.37462	.81082	.36796	.42281	.56078	.30824	7.4936	15.680
#1	2.8590	-.01488	1.5320	.23355	.54959	14.825	.00289	.12801
#2	2.8731	-.01465	1.5405	.23227	.55401	14.903	.00249	.09676
#3	2.8520	-.01472	1.5428	.23421	.54806	14.906	.00273	.12962
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82733	.84317	.00718	3.4054	.14221	4.932	-.09262	.47053
Stddev	.00822	.00793	.00139	.0168	.00254	.010	.00081	.14520
%RSD	.99323	.94082	19.384	.49366	1.7832	.2091	.87184	30.859
#1	.81930	.85233	.00668	3.3865	.13975	4.924	-.09251	.32747
#2	.83572	.83880	.00611	3.4186	.14482	4.943	-.09187	.61778
#3	.82697	.83839	.00875	3.4112	.14206	4.927	-.09347	.46636

Sample Name: K3303-07DUP Acquired: 6/13/2019 20:20:05 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B13DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 197.87
Stddev	1.33
%RSD	.67338

#1	196.34
#2	198.54
#3	198.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.9	36658.	3777.3	54.927	2398.7
Stddev	2.9	16.	13.8	.313	7.0
%RSD	.11497	.04274	.36536	.57047	.29175

#1	2530.0	36640.	3784.1	54.566	2395.6
#2	2528.5	36663.	3761.4	55.092	2393.9
#3	2534.1	36669.	3786.4	55.124	2406.7

Sample Name: K3303-07LX5 Acquired: 6/13/2019 20:24:24 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120558BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	-.00097	.01495	.00002	.00147	16.107	.11509	.00257
Stddev	.00097	.00192	.00080	.00314	.00185	.041	.00031	.00007
%RSD	16.909	198.89	5.3389	17023.	125.70	.25434	.26691	2.8004

#1	.00489	.00123	.01565	-.00112	.00357	16.060	.11543	.00259
#2	.00680	-.00179	.01510	.00357	.00005	16.137	.11485	.00250
#3	.00556	-.00234	.01408	-.00240	.00081	16.124	.11497	.00264

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00231	13.985	.05646	.04150	.12842	47.571	1.2040	42.771
Stddev	.00006	.036	.00024	.00002	.00019	.138	.0012	.195
%RSD	2.5797	.26084	.42597	.04206	.14789	.28999	.10097	.45612

#1	-.00233	13.965	.05628	.04150	.12864	47.635	1.2053	42.573
#2	-.00235	13.963	.05636	.04152	.12837	47.413	1.2030	42.963
#3	-.00224	14.027	.05673	.04149	.12827	47.666	1.2036	42.777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59441	-.00274	.21594	.05334	.10689	3.3011	.00042	.04364
Stddev	.00136	.00054	.00690	.00011	.00027	.0226	.00008	.02406
%RSD	.22874	19.846	3.1931	.20860	.25652	.68486	19.601	55.140

#1	.59596	-.00314	.20834	.05322	.10684	3.3268	.00041	.04586
#2	.59344	-.00295	.22181	.05343	.10664	3.2924	.00051	.06651
#3	.59383	-.00212	.21766	.05338	.10718	3.2842	.00034	.01854

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16182	.19794	.00068	.78500	.03029	.9926	-.02724	3.4444
Stddev	.00444	.00339	.00022	.00045	.00133	.0027	.00042	.0672
%RSD	2.7424	1.7111	32.326	.05673	4.3927	.2674	1.5539	1.9507

#1	.16240	.20172	.00075	.78520	.02877	.9928	-.02765	3.4758
#2	.15712	.19516	.00043	.78531	.03122	.9952	-.02680	3.4901
#3	.16594	.19695	.00085	.78449	.03089	.9899	-.02726	3.3672

Sample Name: K3303-07LX5 Acquired: 6/13/2019 20:24:24 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120558BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.876
Stddev	.757
%RSD	2.1111

#1	35.376
#2	36.748
#3	35.505

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.5	34601.	3444.1	57.169	2618.7
Stddev	2.4	56.	10.5	1.903	1.0
%RSD	.10026	.16186	.30424	3.3288	.03741

#1	2395.8	34577.	3447.9	58.167	2619.2
#2	2399.8	34665.	3432.2	54.975	2617.6
#3	2400.0	34562.	3452.1	58.367	2619.4

Sample Name: K3303-07MS Acquired: 6/13/2019 20:28:53 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B13MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73279	2.0539	1.1057	1.7740	.12339	75.937	.71753	.20026
Stddev	.00501	.0048	.0017	.0029	.00133	.502	.00581	.00020
%RSD	.68374	.23426	.15392	.16185	1.0786	.66135	.80997	.09770

#1	.73588	2.0507	1.1039	1.7771	.12342	75.756	.71384	.20048
#2	.72701	2.0594	1.1073	1.7735	.12204	75.551	.71451	.20011
#3	.73548	2.0515	1.1057	1.7714	.12470	76.505	.72423	.20018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20200	59.519	.59072	.39684	.79362	177.60	5.2009	173.20
Stddev	.00039	.171	.00172	.00068	.00084	.27	.0100	.83
%RSD	.19089	.28695	.29198	.17013	.10558	.15448	.19248	.47699

#1	.20156	59.531	.59244	.39681	.79267	177.92	5.2075	172.86
#2	.20220	59.343	.58899	.39753	.79423	177.41	5.1894	172.59
#3	.20225	59.684	.59074	.39618	.79398	177.48	5.2058	174.14

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0893	.05384	4.9133	.50784	.75595	24.900	.35888	.36822
Stddev	.0031	.00062	.0266	.00111	.00012	.107	.00052	.01673
%RSD	.09969	1.1496	.54156	.21907	.01587	.43010	.14469	4.5438

#1	3.0858	.05442	4.9223	.50794	.75591	24.949	.35829	.35873
#2	3.0907	.05392	4.8834	.50668	.75608	24.777	.35923	.35839
#3	3.0915	.05319	4.9343	.50890	.75585	24.974	.35913	.38754

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82120	1.2003	.68896	3.7729	.35012	F 11.05	.12912	1.1606
Stddev	.00435	.0092	.00195	.0176	.00236	.01	.00189	.2517
%RSD	.52925	.76322	.28257	.46690	.67264	.0855	1.4637	21.691

#1	.82051	1.1910	.68886	3.7527	.34863	11.05	.12694	1.1092
#2	.82585	1.2093	.69095	3.7811	.34890	11.05	.13035	.93858
#3	.81724	1.2007	.68706	3.7849	.35284	11.04	.13006	1.4341

Sample Name: K3303-07MS Acquired: 6/13/2019 20:28:53 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B13MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 190.45
Stddev	.33
%RSD	.17550

#1	190.08
#2	190.54
#3	190.73

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.7	36518.	3698.9	56.063	2393.2
Stddev	4.6	34.	17.3	1.718	3.0
%RSD	.18138	.09266	.46705	3.0651	.12589

#1	2525.6	36489.	3713.5	56.486	2390.3
#2	2534.0	36555.	3679.8	54.172	2396.3
#3	2526.6	36511.	3703.3	57.530	2393.0

Sample Name: K3303-07MSD Acquired: 6/13/2019 20:33:05 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B13MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73312	2.0624	1.1083	1.7652	.12402	75.941	.71755	.19912
Stddev	.00075	.0020	.0033	.0080	.00075	.441	.00307	.00052
%RSD	.10164	.09509	.29977	.45394	.60370	.58030	.42801	.26058
#1	.73233	2.0621	1.1114	1.7640	.12367	75.433	.71404	.19969
#2	.73381	2.0606	1.1048	1.7579	.12352	76.192	.71978	.19867
#3	.73321	2.0645	1.1086	1.7738	.12488	76.199	.71881	.19900
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20159	59.252	.59297	.39515	.78963	177.41	5.1591	172.93
Stddev	.00041	.232	.00133	.00129	.00040	.23	.0049	1.32
%RSD	.20123	.39233	.22350	.32526	.05111	.12965	.09520	.76263
#1	.20161	59.001	.59312	.39576	.79002	177.19	5.1646	171.42
#2	.20118	59.292	.59158	.39367	.78966	177.65	5.1551	173.50
#3	.20199	59.461	.59422	.39602	.78922	177.39	5.1577	173.86
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0802	.05307	4.9114	.51098	.75148	25.015	.35834	.37898
Stddev	.0076	.00041	.0338	.00083	.00271	.143	.00023	.01311
%RSD	.24497	.77403	.68725	.16336	.36098	.57063	.06293	3.4598
#1	3.0758	.05342	4.8732	.51071	.75229	24.852	.35845	.36401
#2	3.0759	.05317	4.9239	.51192	.74845	25.117	.35808	.38452
#3	3.0889	.05261	4.9372	.51032	.75369	25.078	.35848	.38842
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81444	1.2089	.69143	3.8268	.34994	F 11.02	.12790	1.0401
Stddev	.00997	.0092	.00198	.0265	.00112	.01	.00133	.1362
%RSD	1.2240	.76553	.28695	.69139	.32014	.0832	1.0411	13.095
#1	.82121	1.2154	.69194	3.7966	.34869	11.03	.12849	.99175
#2	.81912	1.2131	.69310	3.8380	.35029	11.01	.12884	.93464
#3	.80300	1.1983	.68924	3.8458	.35085	11.03	.12638	1.1938

Sample Name: K3303-07MSD Acquired: 6/13/2019 20:33:05 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B13MSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 192.50
Stddev	1.27
%RSD	.65969

#1	193.51
#2	191.07
#3	192.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.2	36622.	3726.2	55.210	2398.2
Stddev	6.3	56.	24.9	1.380	6.2
%RSD	.24807	.15358	.66738	2.4987	.25732

#1	2538.9	36657.	3705.7	53.684	2394.5
#2	2548.4	36557.	3718.9	55.575	2405.3
#3	2536.4	36652.	3753.8	56.370	2394.8

Sample Name: K3303-07A Acquired: 6/13/2019 20:37:17 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120558BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73291	2.0550	1.1015	1.7720	.12373	75.803	.71625	.19926
Stddev	.00552	.0010	.0047	.0141	.00187	.185	.00158	.00016
%RSD	.75375	.05023	.42798	.79716	1.5133	.24468	.22041	.07789
#1	.72655	2.0547	1.0961	1.7770	.12344	75.964	.71698	.19936
#2	.73575	2.0541	1.1049	1.7561	.12202	75.600	.71444	.19908
#3	.73645	2.0561	1.1035	1.7830	.12573	75.844	.71733	.19933
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20123	59.412	.59061	.39502	.79173	177.45	5.1866	172.66
Stddev	.00045	.365	.00152	.00067	.00103	1.45	.0085	.41
%RSD	.22123	.61447	.25774	.16973	.12984	.81889	.16403	.23787
#1	.20075	59.832	.59130	.39431	.79133	179.06	5.1959	173.11
#2	.20132	59.176	.59166	.39509	.79097	177.03	5.1846	172.32
#3	.20163	59.227	.58886	.39565	.79290	176.24	5.1792	172.54
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0729	.05279	4.9009	.51031	.74938	24.860	.35879	.39671
Stddev	.0099	.00016	.0134	.00028	.00474	.173	.00109	.00777
%RSD	.32104	.30209	.27377	.05511	.63239	.69717	.30248	1.9575
#1	3.0645	.05282	4.9113	.51013	.74436	25.040	.36004	.38887
#2	3.0704	.05294	4.8858	.51017	.75002	24.695	.35821	.40440
#3	3.0838	.05262	4.9057	.51064	.75377	24.845	.35811	.39687
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80879	1.1989	.69010	3.7965	.35162	F 11.01	.12953	1.5765
Stddev	.00853	.0074	.00195	.0122	.00429	.01	.00184	.2843
%RSD	1.0542	.61574	.28291	.32216	1.2213	.0871	1.4240	18.032
#1	.80150	1.1916	.68857	3.7826	.34669	11.00	.12740	1.7716
#2	.80671	1.2064	.68943	3.8014	.35362	11.01	.13051	1.2503
#3	.81816	1.1988	.69230	3.8055	.35455	11.02	.13067	1.7075

Sample Name: K3303-07A Acquired: 6/13/2019 20:37:17 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120558BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 189.79
Stddev	1.30
%RSD	.68756

#1	188.41
#2	191.00
#3	189.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.8	36650.	3691.6	54.765	2406.7
Stddev	8.4	182.	4.5	1.736	9.4
%RSD	.32973	.49628	.12303	3.1709	.39151

#1	2547.2	36442.	3691.2	53.426	2416.5
#2	2538.6	36735.	3687.3	56.728	2405.9
#3	2530.5	36775.	3696.4	54.143	2397.7

Sample Name: K3308-01 Acquired: 6/13/2019 20:41:29 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ-217-360 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06123	-.01441	.17207	-.01628	.00668	162.06	.93425	.00989
Stddev	.00411	.00273	.00133	.00070	.00103	.45	.00484	.00022
%RSD	6.7157	18.963	.77247	4.3249	15.446	.27749	.51800	2.1899
#1	.06574	-.01750	.17236	-.01550	.00783	162.27	.93637	.01004
#2	.06029	-.01231	.17323	-.01687	.00583	161.54	.92871	.00964
#3	.05768	-.01343	.17062	-.01648	.00639	162.36	.93767	.00999
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	1758.7	.11857	.04919	.18447	84.031	3.2222	250.64
Stddev	.00009	16.7	.00174	.00052	.00062	.141	.0069	.96
%RSD	5.1344	.94706	1.4715	1.0664	.33585	.16797	.21460	.38419
#1	-.00163	1752.1	.12049	.04951	.18376	84.168	3.2269	251.31
#2	-.00168	1746.3	.11708	.04858	.18480	84.041	3.2142	249.54
#3	-.00180	1777.6	.11813	.04946	.18486	83.886	3.2255	251.08
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07910	-.02571	6.5426	.14346	.20333	21.092	-.00077	.24788
Stddev	.00072	.00120	.0425	.00112	.00017	.169	.00084	.00854
%RSD	.91069	4.6609	.64877	.77826	.08364	.80140	108.32	3.4432
#1	.07870	-.02655	6.5551	.14448	.20314	21.161	.00019	.23825
#2	.07993	-.02624	6.4953	.14226	.20337	20.900	-.00130	.25448
#3	.07866	-.02434	6.5773	.14363	.20348	21.216	-.00120	.25092
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.109	.84414	-.00021	3.3046	.20329	6.677	F 11.031	2.4394
Stddev	.153	.00814	.00115	.0171	.00130	.017	.098	.4015
%RSD	.58501	.96431	542.47	.51615	.64156	.2475	.88492	16.459
#1	26.141	.85350	-.00084	3.2882	.20388	6.660	11.128	2.0054
#2	26.242	.83875	-.00091	3.3223	.20420	6.677	11.033	2.7975
#3	25.942	.84016	.00112	3.3034	.20180	6.693	10.933	2.5154

Sample Name: K3308-01 Acquired: 6/13/2019 20:41:29 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-217-360 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	62.919
Stddev	2.194
%RSD	3.4865

#1	62.396
#2	61.035
#3	65.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.2	32553.	3668.9	49.865	1988.8
Stddev	13.3	61.	24.2	1.225	13.1
%RSD	.59015	.18743	.66013	2.4570	.65714

#1	2236.9	32484.	3644.1	49.044	1984.1
#2	2240.4	32600.	3670.0	51.273	1978.7
#3	2261.4	32574.	3692.5	49.277	2003.6

Sample Name: CCV08 Acquired: 6/13/2019 20:46:16 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0113	5.1641	5.0481	5.0291	5.0570	10.037	9.8427	.25639
Stddev	.0188	.0058	.0060	.0075	.0032	.041	.0384	.00066
%RSD	.37442	.11316	.11838	.14913	.06416	.40924	.38978	.25675
#1	5.0310	5.1591	5.0417	5.0346	5.0604	9.9920	9.7989	.25619
#2	4.9937	5.1628	5.0536	5.0321	5.0539	10.046	9.8585	.25712
#3	5.0091	5.1705	5.0491	5.0205	5.0567	10.073	9.8706	.25585
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5373	25.099	1.0234	2.5318	1.2828	5.2104	2.6090	25.013
Stddev	.0018	.098	.0018	.0025	.0019	.0106	.0046	.155
%RSD	.06980	.39095	.17693	.09710	.15083	.20390	.17525	.61879
#1	2.5356	25.094	1.0229	2.5298	1.2849	5.2072	2.6080	24.851
#2	2.5372	25.004	1.0254	2.5311	1.2825	5.2223	2.6140	25.029
#3	2.5392	25.200	1.0218	2.5346	1.2811	5.2018	2.6051	25.159
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5641	1.2602	24.708	2.5804	2.4984	24.943	5.1121	5.0408
Stddev	.0037	.0032	.129	.0029	.0017	.124	.0090	.0289
%RSD	.14513	.25220	.52137	.11109	.06844	.49740	.17610	.57410
#1	2.5633	1.2566	24.577	2.5804	2.4965	24.838	5.1223	5.0608
#2	2.5609	1.2623	24.710	2.5833	2.4999	24.912	5.1082	5.0540
#3	2.5682	1.2619	24.835	2.5775	2.4988	25.080	5.1056	5.0077
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1648	5.2247	5.0927	5.1517	5.2184	5.152	5.1388	F 6.6615
Stddev	.0265	.0333	.0071	.0365	.0366	.010	.0345	.1796
%RSD	.51229	.63681	.13970	.70881	.70159	.1942	.67033	2.6967
#1	5.1406	5.1955	5.0851	5.1134	5.1775	5.162	5.1015	6.7763
#2	5.1930	5.2609	5.0938	5.1861	5.2481	5.152	5.1695	6.7537
#3	5.1608	5.2177	5.0992	5.1557	5.2295	5.142	5.1453	6.4545

Sample Name: CCV08 Acquired: 6/13/2019 20:46:16 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .27378
Stddev .38966
%RSD 142.33

#1 -.04421
#2 .70845
#3 .15710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.8	32977.	3303.9	56.889	2477.0
Stddev	5.4	57.	15.7	.661	2.5
%RSD	.23491	.17332	.47565	1.1617	.10144

#1	2279.2	33037.	3318.0	57.352	2476.1
#2	2285.5	32973.	3286.9	56.132	2475.1
#3	2289.8	32922.	3306.6	57.183	2479.9

Sample Name: CCB08 Acquired: 6/13/2019 20:50:15 Type: Unk
Method: P4-ICP2(v3198) 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	.00185	.00262	.00225	.00045	.00091	.01680	.00039
Stddev	.00242	.00138	.00100	.00100	.00069	.01158	.00059
%RSD	130.83	52.591	44.319	220.84	75.555	68.932	153.84

#1	.00371	.00391	.00121	.00045	.00019	.01559	.00093
#2	.00273	.00117	.00320	.00145	.00156	.02893	.00047
#3	-.00089	.00280	.00233	-.00055	.00100	.00587	-.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00005	.01348	-.00005	-.00019	.00034	.00130
Stddev	.00003	.00008	.01013	.00045	.00008	.00026	.00026
%RSD	555.24	159.83	75.177	897.96	43.654	75.251	19.630

#1	-.00004	-.00001	.02389	.00043	-.00017	.00063	.00159
#2	.00001	.00000	.01288	-.00012	-.00028	.00027	.00119
#3	.00002	-.00014	.00366	-.00047	-.00011	.00013	.00111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.04429	-.00061	-.00005	-.12776	-.00001	-.00051
Stddev	.00006	.02749	.00009	.00021	.00484	.00018	.00012
%RSD	78.715	62.085	14.384	391.16	3.7866	2716.3	23.650

#1	.00009	-.06853	-.00056	.00007	-.13335	-.00016	-.00039
#2	.00001	-.04991	-.00056	-.00029	-.12496	.00019	-.00052
#3	.00014	-.01441	-.00071	.00006	-.12497	-.00005	-.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00838	.00081	.00351	F -.01716	-.00230	-.00083	.00014
Stddev	.01460	.00037	.00885	.00055	.00200	.00044	.00058
%RSD	174.28	45.169	251.96	3.2147	87.143	53.389	409.21

#1	-.00703	.00121	.01312	-.01689	-.00060	-.00032	.00073
#2	.02201	.00072	-.00429	-.01680	-.00451	-.00107	-.00043
#3	.01016	.00049	.00171	-.01780	-.00178	-.00110	.00012

Sample Name: CCB08 Acquired: 6/13/2019 20:50:15 Type: Unk
 Method: P4-ICP2(v3198) 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	-.00081	.0026	.00026	F 4.2044	F<.00000
Stddev	.00190	.0023	.00004	.2177	1.2143
%RSD	234.08	89.29	15.344	5.1767	52.702
#1	-.00242	.0032	.00026	4.3144	-3.6727
#2	-.00130	.0045	.00022	3.9537	-1.8834
#3	.00128	.0000	.00030	4.3450	-1.3560
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.1	34743.	3330.7	57.714	2826.6
Stddev	21.5	185.	24.1	.778	21.1
%RSD	.89545	.53254	.72243	1.3476	.74572
#1	2378.4	34608.	3303.2	58.425	2803.6
#2	2407.6	34666.	3347.8	57.833	2831.0
#3	2420.4	34954.	3341.1	56.883	2845.0

Sample Name: K3326-01 Acquired: 6/13/2019 20:54:45 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390604705 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	-.00224	.08756	.01109	.00227	7.6090	.56621	.00247
Stddev	.00062	.00143	.00043	.00191	.00019	.0333	.00043	.00002
%RSD	9.9671	64.048	.48613	17.215	8.4522	.43791	.07564	.92141
#1	.00692	-.00286	.08743	.00891	.00224	7.5844	.56583	.00245
#2	.00601	-.00060	.08721	.01247	.00247	7.5957	.56612	.00249
#3	.00573	-.00325	.08803	.01189	.00209	7.6469	.56667	.00248
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	48.863	.02351	.00251	1.0197	23.562	.57305	12.149
Stddev	.00008	.374	.00016	.00024	.0052	.010	.00093	.106
%RSD	9.4274	.76623	.66516	9.6367	.50586	.04389	.16304	.87320
#1	.00091	48.908	.02369	.00232	1.0138	23.551	.57348	12.120
#2	.00077	48.468	.02341	.00244	1.0234	23.562	.57369	12.060
#3	.00091	49.213	.02343	.00278	1.0218	23.572	.57197	12.266
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01137	.00275	2.0729	.01366	2.5511	1.7812	.00566	.06120
Stddev	.00034	.00036	.0069	.00022	.0037	.0324	.00039	.01796
%RSD	2.9655	13.256	.33488	1.6197	.14576	1.8208	6.9581	29.346
#1	.01098	.00270	2.0649	.01346	2.5475	1.7630	.00589	.07306
#2	.01162	.00313	2.0763	.01363	2.5509	1.7620	.00589	.07000
#3	.01149	.00241	2.0775	.01390	2.5550	1.8187	.00521	.04054
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.592	1.7614	-.00168	.24190	-.00041	F 18.00	.17808	3.4399
Stddev	.011	.0153	.00102	.00177	.00179	.01	.00136	.3197
%RSD	.06739	.86869	61.048	.73176	434.29	.0675	.76218	9.2933
#1	16.602	1.7779	-.00221	.24332	-.00037	18.01	.17905	3.3083
#2	16.593	1.7477	-.00050	.23991	.00135	17.99	.17653	3.8043
#3	16.580	1.7586	-.00233	.24246	-.00222	18.01	.17867	3.2070

Sample Name: K3326-01 Acquired: 6/13/2019 20:54:45 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390604705 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	17.617
Stddev	.470
%RSD	2.6652

#1	17.101
#2	17.730
#3	18.020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.1	35706.	3524.9	60.938	2744.7
Stddev	4.3	30.	21.1	2.154	3.3
%RSD	.17756	.08487	.59828	3.5346	.12071

#1	2415.9	35708.	3500.5	59.756	2748.4
#2	2407.6	35735.	3535.9	59.634	2743.6
#3	2409.7	35675.	3538.1	63.425	2742.1

Sample Name: K3328-01 Acquired: 6/13/2019 20:59:03 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390604167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	-.00082	.01825	.00502	.00106	33.093	.12272	.00050
Stddev	.00370	.00106	.00066	.00478	.00037	.146	.00040	.00003
%RSD	135.95	128.80	3.6326	95.227	34.772	.44014	.32231	5.7637

#1	.00583	-.00159	.01815	.00093	.00143	32.925	.12228	.00047
#2	-.00137	.00038	.01763	.00386	.00069	33.170	.12287	.00053
#3	.00369	-.00125	.01895	.01027	.00105	33.184	.12302	.00050

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	7.2943	.00537	.00161	.46547	5.6720	.18550	1.9449
Stddev	.00005	.0547	.00025	.00024	.00093	.0065	.00081	.0274
%RSD	40.247	.74947	4.5978	14.773	.19921	.11367	.43921	1.4090

#1	.00017	7.2351	.00541	.00162	.46485	5.6706	.18543	1.9156
#2	.00016	7.3052	.00560	.00185	.46654	5.6790	.18634	1.9699
#3	.00007	7.3428	.00511	.00137	.46503	5.6664	.18472	1.9492

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	-.00012	1.9664	.00462	.41466	1.3204	.00148	.02522
Stddev	.00007	.00041	.0098	.00056	.00070	.0336	.00035	.00637
%RSD	1.3946	336.65	.49659	12.088	.16861	2.5434	23.483	25.252

#1	.00464	-.00030	1.9552	.00450	.41452	1.2817	.00163	.01914
#2	.00461	-.00042	1.9707	.00413	.41542	1.3388	.00108	.02468
#3	.00474	.00035	1.9733	.00523	.41404	1.3409	.00173	.03184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0269	2.3358	.00012	.17979	-.00260	F 13.94	.03391	2.6849
Stddev	.0097	.0226	.00038	.00412	.00115	.03	.00010	.3066
%RSD	.24024	.96609	324.31	2.2929	44.279	.2028	.30449	11.421

#1	4.0319	2.3499	.00046	.17791	-.00258	13.95	.03380	2.7076
#2	4.0331	2.3478	.00019	.17695	-.00145	13.97	.03400	2.3676
#3	4.0158	2.3098	-.00029	.18452	-.00375	13.91	.03393	2.9796

Sample Name: K3328-01 Acquired: 6/13/2019 20:59:03 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390604167 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7483
 Stddev .5953
 %RSD 21.660

#1 2.0963
 #2 3.2629
 #3 2.8857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.9	36065.	3577.8	61.184	2818.2
Stddev	2.8	55.	17.8	.896	5.5
%RSD	.11349	.15223	.49745	1.4650	.19467

#1	2468.3	36005.	3564.6	61.756	2815.8
#2	2462.8	36112.	3570.8	60.151	2814.4
#3	2466.7	36077.	3598.0	61.645	2824.5

Sample Name: K3333-01 Acquired: 6/13/2019 21:03:22 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06382	-.01856	.04536	-.00780	.00643	116.59	.93037	.01373
Stddev	.00244	.00080	.00116	.00589	.00292	.42	.00487	.00011
%RSD	3.8301	4.3233	2.5566	75.601	45.456	.36209	.52392	.77584
#1	.06431	-.01773	.04543	-.00814	.00355	117.02	.93591	.01369
#2	.06599	-.01933	.04416	-.01351	.00939	116.57	.92845	.01365
#3	.06117	-.01863	.04648	-.00174	.00634	116.18	.92674	.01385
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01835	1413.1	.24177	.06347	.56639	110.71	3.7600	77.086
Stddev	.00014	8.7	.00217	.00041	.00141	.10	.0101	.308
%RSD	.75447	.61445	.89802	.64239	.24941	.09357	.26721	.40010
#1	.01829	1416.4	.23930	.06371	.56487	110.73	3.7641	77.302
#2	.01824	1419.6	.24340	.06371	.56663	110.60	3.7673	77.224
#3	.01850	1403.2	.24260	.06300	.56766	110.80	3.7485	76.733
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13100	-.02513	7.1257	.22530	2.5602	9.6906	.00510	.63875
Stddev	.00116	.00055	.0452	.00117	.0215	.0390	.00019	.01199
%RSD	.88183	2.1692	.63455	.51892	.83778	.40211	3.7738	1.8764
#1	.13051	-.02457	7.1778	.22491	2.5667	9.7338	.00526	.62669
#2	.13018	-.02566	7.1025	.22661	2.5777	9.6800	.00515	.63889
#3	.13232	-.02516	7.0968	.22437	2.5363	9.6581	.00489	.65066
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.785	.78936	-.00417	4.5239	.13822	3.551	2.3568	1.6168
Stddev	.149	.00810	.00080	.0093	.00134	.003	.0055	.6182
%RSD	.42694	1.0256	19.166	.20470	.96650	.0950	.23261	38.236
#1	34.849	.78244	-.00360	4.5133	.13976	3.554	2.3608	2.2753
#2	34.892	.78737	-.00382	4.5302	.13754	3.548	2.3506	1.5260
#3	34.616	.79826	-.00508	4.5282	.13736	3.550	2.3591	1.0490

Sample Name: K3333-01 Acquired: 6/13/2019 21:03:22 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 94.549
Stddev	1.635
%RSD	1.7287

#1	92.668
#2	95.631
#3	95.346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.2	33308.	3708.6	53.035	2123.9
Stddev	18.9	38.	6.2	1.287	17.2
%RSD	.81434	.11342	.16787	2.4275	.80885

#1	2326.7	33304.	3713.1	52.989	2119.2
#2	2305.5	33273.	3711.1	54.345	2109.5
#3	2343.3	33348.	3701.5	51.771	2142.9

Sample Name: K3333-02 Acquired: 6/13/2019 21:08:00 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05256	-.00891	.03141	-.00507	.00254	79.154	.65995	.00762
Stddev	.00221	.00177	.00088	.00251	.00206	.794	.00369	.00024
%RSD	4.2005	19.827	2.7973	49.506	81.148	1.0037	.55928	3.1993
#1	.05152	-.01066	.03156	-.00722	.00217	78.337	.65648	.00763
#2	.05510	-.00895	.03221	-.00231	.00069	79.924	.66383	.00737
#3	.05107	-.00713	.03047	-.00567	.00477	79.201	.65955	.00786
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	1188.2	.11833	.05569	.67481	103.72	2.5414	43.298
Stddev	.00013	8.5	.00097	.00035	.00200	1.05	.0031	.271
%RSD	7.3861	.71652	.81846	.63583	.29617	1.0158	.12071	.62518
#1	-.00167	1179.2	.11913	.05537	.67454	104.49	2.5428	42.989
#2	-.00183	1196.1	.11725	.05607	.67692	104.15	2.5435	43.496
#3	-.00159	1189.2	.11861	.05563	.67295	102.52	2.5379	43.408
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06961	-.02104	5.7520	.18790	2.9948	8.2184	.00157	.57672
Stddev	.00076	.00019	.0384	.00015	.0099	.0897	.00022	.01119
%RSD	1.0922	.88380	.66724	.07932	.33184	1.0912	14.185	1.9395
#1	.07035	-.02108	5.7180	.18779	2.9953	8.1237	.00172	.56472
#2	.06883	-.02119	5.7936	.18784	3.0044	8.3021	.00167	.57859
#3	.06965	-.02083	5.7443	.18807	2.9846	8.2293	.00131	.58686
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.651	.93048	-.00399	2.5822	.10207	3.608	1.9670	2.3056
Stddev	.046	.00146	.00095	.0046	.00120	.009	.0064	.2523
%RSD	.17321	.15691	23.816	.17924	1.1713	.2533	.32763	10.943
#1	26.604	.93007	-.00290	2.5812	.10113	3.612	1.9638	2.2248
#2	26.697	.92927	-.00447	2.5872	.10341	3.615	1.9744	2.5884
#3	26.652	.93210	-.00461	2.5781	.10166	3.598	1.9627	2.1036

Sample Name: K3333-02 Acquired: 6/13/2019 21:08:00 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	81.848
Stddev	.910
%RSD	1.1120

#1	81.031
#2	81.685
#3	82.829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.8	33443.	3666.7	54.148	2221.6
Stddev	11.3	118.	16.7	.117	8.8
%RSD	.48661	.35372	.45535	.21527	.39660

#1	2332.9	33532.	3656.1	54.141	2221.6
#2	2317.3	33309.	3658.1	54.268	2212.8
#3	2339.3	33488.	3686.0	54.035	2230.4

Sample Name: K3333-03 Acquired: 6/13/2019 21:12:22 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11156	-.01211	.22507	-.00187	.00323	108.63	.94641	.01275
Stddev	.00035	.00452	.00166	.00062	.00189	.59	.00685	.00012
%RSD	.30926	37.344	.73679	32.904	58.527	.54230	.72412	.92188
#1	.11157	-.01700	.22698	-.00258	.00105	107.99	.93868	.01274
#2	.11121	-.01126	.22425	-.00155	.00438	108.76	.94881	.01287
#3	.11190	-.00808	.22398	-.00148	.00428	109.15	.95175	.01264
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	1011.5	.23171	.04326	.34345	100.10	3.2291	64.950
Stddev	.00019	4.3	.00069	.00029	.00078	.20	.0043	.366
%RSD	142.25	.42854	.29813	.67107	.22692	.19639	.13201	.56413
#1	.00008	1007.9	.23134	.04295	.34343	99.894	3.2248	64.743
#2	-.00020	1010.3	.23250	.04331	.34425	100.13	3.2294	64.735
#3	-.00029	1016.3	.23128	.04352	.34269	100.28	3.2333	65.373
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15989	-.01928	2.8377	.17803	.86875	6.1694	.00241	.14960
Stddev	.00030	.00015	.0183	.00122	.00640	.0517	.00045	.00331
%RSD	.18783	.79330	.64477	.68660	.73655	.83733	18.575	2.2121
#1	.15974	-.01936	2.8172	.17944	.87608	6.1105	.00222	.14646
#2	.16024	-.01911	2.8434	.17725	.86587	6.1906	.00208	.15306
#3	.15970	-.01938	2.8525	.17741	.86429	6.2071	.00292	.14929
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.913	.97667	-.00256	2.9086	.17450	2.418	.92552	<.00000
Stddev	.125	.01010	.00063	.0050	.00045	.004	.00130	.15163
%RSD	.41708	1.0338	24.799	.17067	.25858	.1430	.14083	15.083
#1	30.057	.98812	-.00205	2.9125	.17447	2.417	.92659	-1.1416
#2	29.842	.96902	-.00327	2.9104	.17406	2.416	.92407	-.84197
#3	29.840	.97287	-.00235	2.9030	.17496	2.422	.92589	-1.0326

Sample Name: K3333-03 Acquired: 6/13/2019 21:12:22 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 94.306
Stddev 1.566
%RSD 1.6607

#1 93.186
#2 96.096
#3 93.637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.4	36586.	4020.5	54.758	2228.2
Stddev	23.1	116.	18.5	.971	19.3
%RSD	.89660	.31833	.46122	1.7741	.86723

#1	2548.7	36693.	4001.1	53.704	2206.0
#2	2589.5	36604.	4038.1	55.617	2240.9
#3	2587.9	36462.	4022.3	54.954	2237.7

Sample Name: K3333-04 Acquired: 6/13/2019 21:16:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03869	-.02225	.05440	.00056	.00371	112.58	1.2111	.00895
Stddev	.00150	.00308	.00064	.00128	.00054	.70	.0085	.00038
%RSD	3.8826	13.856	1.1735	228.51	14.429	.62427	.70323	4.2499
#1	.04041	-.02091	.05385	-.00000	.00314	111.79	1.2017	.00854
#2	.03767	-.02006	.05426	-.00034	.00378	113.12	1.2183	.00901
#3	.03798	-.02578	.05510	.00202	.00420	112.84	1.2133	.00929
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01000	1014.8	.91240	.06436	1.1202	116.44	5.0999	128.70
Stddev	.00006	6.5	.00883	.00067	.0091	.29	.0080	.57
%RSD	.64665	.63856	.96755	1.0389	.80976	.24545	.15737	.44130
#1	.01003	1007.4	.91473	.06436	1.1181	116.56	5.0946	128.05
#2	.00993	1019.3	.90264	.06370	1.1301	116.65	5.1092	128.96
#3	.01004	1017.8	.91983	.06504	1.1123	116.12	5.0960	129.09
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28972	-.01627	4.1297	.30390	2.4405	28.935	.03556	.19849
Stddev	.00143	.00053	.0343	.00275	.0227	.172	.00019	.00980
%RSD	.49403	3.2373	.83024	.90343	.92881	.59413	.52341	4.9383
#1	.28892	-.01676	4.0901	.30292	2.4419	28.736	.03543	.20232
#2	.28887	-.01571	4.1505	.30177	2.4625	29.045	.03548	.18735
#3	.29137	-.01633	4.1484	.30700	2.4172	29.023	.03577	.20579
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.819	.48864	-.00144	5.0197	.09837	6.532	6.3476	.52476
Stddev	.265	.00665	.00187	.0214	.00170	.016	.0352	.57916
%RSD	.59204	1.3600	129.65	.42569	1.7285	.2388	.55446	110.37
#1	44.679	.49241	-.00296	4.9953	.09649	6.515	6.3223	.28462
#2	45.125	.48097	-.00201	5.0351	.09882	6.539	6.3328	1.1854
#3	44.654	.49255	.00065	5.0287	.09980	6.544	6.3878	.10430

Sample Name: K3333-04 Acquired: 6/13/2019 21:16:50 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 108.89
Stddev	1.33
%RSD	1.2253

#1	109.51
#2	109.81
#3	107.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.7	35049.	3835.1	54.615	2198.7
Stddev	17.5	113.	22.9	1.578	14.4
%RSD	.71319	.32223	.59836	2.8894	.65555

#1	2457.7	35173.	3819.8	52.833	2203.6
#2	2440.1	35024.	3861.5	55.835	2182.4
#3	2475.2	34951.	3823.9	55.176	2209.9

Sample Name: K3333-05 Acquired: 6/13/2019 21:21:27 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08794	-.01897	.33731	.00010	.00446	118.50	4.7177	.00841
Stddev	.00282	.00059	.00289	.00276	.00289	.80	.0413	.00008
%RSD	3.2119	3.1036	.85658	2686.0	64.684	.67388	.87457	.99659
#1	.09037	-.01890	.33853	.00195	.00780	118.27	4.7065	.00850
#2	.08862	-.01843	.33938	.00142	.00293	119.39	4.7634	.00835
#3	.08484	-.01960	.33401	-.00307	.00267	117.85	4.6832	.00836
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	1030.5	.33551	.05780	.62540	84.479	.90329	68.939
Stddev	.00020	8.2	.00131	.00007	.00090	.527	.00199	.574
%RSD	62.615	.79871	.38960	.12492	.14363	.62416	.22066	.83304
#1	-.00042	1030.8	.33676	.05782	.62501	84.178	.90557	68.976
#2	-.00046	1038.6	.33561	.05772	.62477	85.088	.90188	69.494
#3	-.00009	1022.1	.33415	.05786	.62643	84.171	.90243	68.347
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31216	-.02069	7.3621	.70206	.98826	8.5496	.08960	.49291
Stddev	.00058	.00020	.0522	.00143	.00118	.0699	.00034	.01011
%RSD	.18739	.95442	.70857	.20427	.11936	.81758	.37593	2.0520
#1	.31150	-.02086	7.3649	.70136	.98732	8.5271	.08946	.50422
#2	.31237	-.02075	7.4128	.70371	.98789	8.6280	.08935	.48978
#3	.31262	-.02047	7.3085	.70112	.98959	8.4938	.08998	.48473
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.644	.51495	.00994	6.1898	.08494	6.634	2.3832	2.6860
Stddev	.019	.00224	.00133	.0129	.00082	.008	.0011	.2045
%RSD	.05918	.43550	13.338	.20810	.96071	.1171	.04427	7.6152
#1	31.643	.51265	.01139	6.1792	.08401	6.626	2.3843	2.8813
#2	31.663	.51507	.00878	6.1861	.08551	6.634	2.3822	2.4734
#3	31.625	.51713	.00966	6.2042	.08531	6.641	2.3831	2.7032

Sample Name: K3333-05 Acquired: 6/13/2019 21:21:27 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	66.806
Stddev	2.006
%RSD	3.0021

#1	65.481
#2	65.823
#3	69.113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.3	33115.	3596.0	54.357	2215.7
Stddev	6.7	144.	14.1	.544	2.8
%RSD	.29065	.43416	.39251	1.0001	.12709

#1	2322.6	33075.	3586.2	53.774	2217.6
#2	2309.2	32995.	3612.2	54.850	2212.4
#3	2317.1	33274.	3589.6	54.448	2216.9

Sample Name: K3333-06 Acquired: 6/13/2019 21:25:55 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13747	-.01034	.35722	-.01477	.00903	141.42	1.8561	.01078
Stddev	.00550	.00311	.00028	.00290	.00373	.76	.0119	.00030
%RSD	4.0008	30.089	.07705	19.615	41.377	.53785	.64291	2.8269
#1	.13516	-.01167	.35714	-.01162	.00516	141.74	1.8629	.01045
#2	.13351	-.01256	.35753	-.01538	.00931	140.55	1.8423	.01084
#3	.14375	-.00678	.35700	-.01731	.01261	141.97	1.8630	.01106
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	1776.0	.30380	.06056	.39510	126.79	2.6301	63.683
Stddev	.00015	15.0	.00268	.00005	.00058	.35	.0015	.174
%RSD	28.733	.84684	.88255	.08254	.14660	.27940	.05863	.27363
#1	.00035	1759.7	.30071	.06057	.39568	127.10	2.6288	63.794
#2	.00059	1778.9	.30542	.06051	.39452	126.41	2.6318	63.482
#3	.00061	1789.4	.30527	.06061	.39508	126.88	2.6298	63.773
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26429	-.02699	3.7660	.26822	1.6399	18.684	.00599	.18318
Stddev	.00088	.00044	.0166	.00037	.0010	.088	.00026	.01297
%RSD	.33390	1.6259	.44188	.13887	.06145	.47098	4.3912	7.0776
#1	.26504	-.02744	3.7673	.26780	1.6401	18.729	.00576	.18121
#2	.26332	-.02656	3.7488	.26851	1.6388	18.583	.00628	.19703
#3	.26452	-.02696	3.7820	.26834	1.6407	18.741	.00592	.17132
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.356	.93907	-.00481	3.6611	.16179	4.622	3.5182	2.6110
Stddev	.056	.00905	.00045	.0231	.00174	.013	.0028	.1670
%RSD	.13323	.96374	9.2997	.63157	1.0766	.2892	.07881	6.3946
#1	42.418	.92876	-.00435	3.6360	.15999	4.633	3.5151	2.6909
#2	42.307	.94573	-.00525	3.6656	.16347	4.625	3.5193	2.7229
#3	42.345	.94271	-.00484	3.6816	.16189	4.607	3.5203	2.4191

Sample Name: K3333-06 Acquired: 6/13/2019 21:25:55 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-6 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 100.20
Stddev	2.28
%RSD	2.2789

#1	98.218
#2	99.684
#3	102.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.2	31420.	3526.8	51.177	2053.4
Stddev	1.1	37.	17.1	1.134	2.3
%RSD	.04872	.11781	.48472	2.2151	.11336

#1	2209.2	31377.	3534.8	50.646	2050.7
#2	2210.0	31441.	3507.2	52.479	2054.5
#3	2211.3	31441.	3538.4	50.406	2055.0

Sample Name: K3284-02 Acquired: 6/13/2019 21:30:31 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00291	-.00060	.00231	.00287	.00001	.07137	.03724
Stddev	.00116	.00110	.00007	.00105	.00199	.00362	.00076
%RSD	39.705	184.50	2.9529	36.700	19836.	5.0664	2.0333

#1	-.00406	-.00186	.00230	.00401	.00217	.07136	.03798
#2	-.00175	.00014	.00239	.00192	-.00042	.06775	.03646
#3	-.00293	-.00006	.00225	.00269	-.00173	.07498	.03729

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00016	16.014	.01580	-.00006	.00140	.04111
Stddev	.00005	.00007	.094	.00032	.00020	.00022	.00019
%RSD	100.28	44.015	.58571	2.0121	307.30	15.787	.46698

#1	.00002	-.00024	15.905	.01608	-.00029	.00164	.04132
#2	.00003	-.00014	16.074	.01545	.00000	.00121	.04108
#3	.00011	-.00010	16.062	.01586	.00009	.00136	.04094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	5.1582	.00019	-.00071	108.01	.00018	.02603
Stddev	.00007	.0758	.00036	.00034	.50	.00054	.00089
%RSD	6.1340	1.4697	190.07	47.816	.45955	301.86	3.4252

#1	.00104	5.0792	-.00011	-.00103	107.47	-.00019	.02693
#2	.00116	5.1650	.00009	-.00035	108.45	-.00007	.02599
#3	.00116	5.2304	.00059	-.00075	108.10	.00080	.02515

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9645	.00004	.03638	9.0973	3.5835	-.00438	.00602
Stddev	.0189	.00006	.00876	.0304	.0148	.00012	.00319
%RSD	.63681	171.52	24.084	.33462	.41417	2.7456	52.957

#1	2.9523	.00003	.03860	9.0891	3.5700	-.00452	.00365
#2	2.9862	.00010	.04381	9.0718	3.5811	-.00429	.00964
#3	2.9549	-.00002	.02672	9.1310	3.5994	-.00434	.00477

Sample Name: K3284-02 Acquired: 6/13/2019 21:30:31 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.0003	.10359	4.7187	F<.00000
Stddev	.00206	.0027	.00048	.1576	2.0519
%RSD	370.93	1011.	.46425	3.3395	36.255
#1	-.00146	.0026	.10315	4.8250	-6.6086
#2	.00180	-.0005	.10351	4.7935	-7.0655
#3	-.00200	-.0028	.10410	4.5377	-3.3051
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.6	33704.	3347.2	59.388	2703.8
Stddev	17.7	101.	7.6	1.009	16.2
%RSD	.74795	.30088	.22759	1.6992	.60022
#1	2347.8	33651.	3347.9	59.658	2686.5
#2	2373.3	33639.	3354.4	58.272	2706.4
#3	2381.8	33821.	3339.2	60.235	2718.6

Sample Name: K3284-03 Acquired: 6/13/2019 21:34:57 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	-.00108	.00590	.00538	-.00061	.09243	.28778
Stddev	.00324	.00138	.00090	.00276	.00116	.01729	.00220
%RSD	139.43	128.02	15.216	51.331	190.71	18.706	.76441

#1	-.00348	.00005	.00493	.00224	-.00178	.07295	.28524
#2	-.00483	-.00067	.00608	.00645	-.00056	.10596	.28904
#3	.00134	-.00261	.00669	.00745	.00053	.09837	.28906

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00041	74.839	.00287	-.00045	.00580	.13538
Stddev	.00013	.00007	.547	.00030	.00008	.00016	.00041
%RSD	810.04	16.386	.73146	10.505	17.907	2.7304	.30466

#1	-.00007	-.00048	74.210	.00296	-.00045	.00579	.13530
#2	-.00005	-.00042	75.098	.00253	-.00053	.00565	.13501
#3	.00017	-.00034	75.209	.00311	-.00037	.00597	.13582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	18.835	-.00123	-.00134	295.86	.00006	.03174
Stddev	.00010	.289	.00038	.00017	2.13	.00056	.00009
%RSD	5.1975	1.5345	31.178	12.528	.72087	973.28	.28065

#1	.00193	18.512	-.00164	-.00140	294.04	.00070	.03184
#2	.00179	18.921	-.00115	-.00115	295.34	-.00034	.03170
#3	.00198	19.070	-.00089	-.00147	298.21	-.00018	.03167

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8503	-.00007	.12705	F 15.244	4.5286	-.00517	.00168
Stddev	.1524	.00029	.01351	.028	.0151	.00079	.00219
%RSD	1.7223	417.26	10.632	.18355	.33278	15.193	130.38

#1	8.6753	.00017	.11426	15.263	4.5203	-.00440	-.00085
#2	8.9221	-.00040	.12572	15.258	4.5460	-.00515	.00292
#3	8.9536	.00002	.14117	15.212	4.5195	-.00597	.00296

Sample Name: K3284-03 Acquired: 6/13/2019 21:34:57 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00172	.0057	.40750	5.8717	F<.00000
Stddev	.00063	.0010	.00211	.3252	.64612
%RSD	36.564	17.51	.51761	5.5378	7.3324
#1	.00158	.0052	.40606	6.2001	-9.4378
#2	.00241	.0051	.40992	5.8651	-8.8505
#3	.00118	.0069	.40651	5.5499	-8.1473
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.1	32309.	3330.5	57.281	2495.1
Stddev	6.4	72.	26.7	.794	4.6
%RSD	.28207	.22198	.80018	1.3854	.18499
#1	2272.3	32332.	3313.1	58.067	2490.0
#2	2280.0	32228.	3317.2	57.295	2496.5
#3	2285.1	32365.	3361.2	56.481	2498.9

Sample Name: CCV09 Acquired: 6/13/2019 21:39:31 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0129	5.1843	5.0956	5.0359	5.0281	10.001	9.8309	.25618
Stddev	.0120	.0174	.0048	.0119	.0118	.048	.0420	.00073
%RSD	.23857	.33463	.09437	.23602	.23564	.47731	.42687	.28547
#1	5.0163	5.1907	5.1011	5.0368	5.0417	9.9458	9.8144	.25607
#2	5.0228	5.1646	5.0922	5.0473	5.0198	10.024	9.8786	.25696
#3	4.9996	5.1975	5.0935	5.0236	5.0229	10.032	9.7997	.25551
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5553	25.341	1.0403	2.5337	1.2703	5.2686	2.6091	25.303
Stddev	.0016	.089	.0032	.0028	.0032	.0183	.0064	.117
%RSD	.06167	.35082	.31275	.11194	.25342	.34660	.24380	.46333
#1	2.5548	25.239	1.0383	2.5369	1.2729	5.2652	2.6083	25.173
#2	2.5540	25.388	1.0440	2.5328	1.2667	5.2884	2.6158	25.402
#3	2.5570	25.397	1.0385	2.5315	1.2712	5.2524	2.6031	25.334
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5919	1.2702	25.031	2.6321	2.4822	24.941	5.1035	5.0617
Stddev	.0016	.0037	.101	.0036	.0016	.171	.0073	.0482
%RSD	.06251	.29288	.40442	.13646	.06334	.68494	.14235	.95220
#1	2.5935	1.2659	24.950	2.6289	2.4824	24.884	5.1108	5.0069
#2	2.5920	1.2722	25.145	2.6360	2.4805	25.133	5.0963	5.0804
#3	2.5903	1.2725	24.998	2.6315	2.4837	24.807	5.1033	5.0976
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2276	5.3619	5.1081	5.1945	5.2942	5.205	5.2078	5.3959
Stddev	.0124	.0082	.0148	.0303	.0163	.004	.0200	.0914
%RSD	.23731	.15234	.28990	.58430	.30696	.0780	.38426	1.6935
#1	5.2318	5.3527	5.1093	5.1623	5.2891	5.207	5.2100	5.2919
#2	5.2373	5.3649	5.0928	5.1986	5.3124	5.200	5.2266	5.4320
#3	5.2136	5.3682	5.1223	5.2225	5.2811	5.207	5.1868	5.4637

Sample Name: CCV09 Acquired: 6/13/2019 21:39:31 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .12310
Stddev	.46766
%RSD	379.91

#1	.65958
#2	-.19848
#3	-.09181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.2	33093.	3276.8	55.938	2505.9
Stddev	5.5	48.	6.8	.656	3.8
%RSD	.23826	.14450	.20774	1.1733	.15143

#1	2312.9	33112.	3269.1	55.271	2501.5
#2	2322.9	33039.	3279.1	56.583	2508.3
#3	2321.9	33129.	3282.1	55.960	2507.9

Sample Name: CCB09 Acquired: 6/13/2019 21:43:30 Type: Unk
Method: P4-ICP2(v3198) 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	-.00008	.00206	.00235	.00090	-.00024	.00813	-.00009
Stddev	.00159	.00179	.00045	.00162	.00150	.01379	.00023
%RSD	2012.6	87.040	19.311	180.57	630.81	169.65	268.59

#1	.00057	.00271	.00201	.00012	.00149	.02343	-.00007
#2	.00108	.00342	.00217	.00276	-.00111	-.00335	-.00032
#3	-.00189	.00003	.00286	-.00018	-.00109	.00430	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00007	.00757	-.00002	-.00008	.00022	.00082
Stddev	.00002	.00003	.01899	.00028	.00011	.00027	.00045
%RSD	127.76	39.164	250.97	1226.1	127.74	124.46	55.289

#1	.00003	-.00007	.02475	.00016	-.00017	-.00006	.00111
#2	.00003	-.00005	-.01282	-.00035	-.00012	.00022	.00030
#3	-.00001	-.00010	.01077	.00012	.00004	.00049	.00105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.04290	-.00079	-.00041	-.05630	-.00038	-.00032
Stddev	.00005	.03803	.00049	.00036	.01002	.00008	.00011
%RSD	130.68	88.662	61.758	88.147	17.800	21.856	34.384

#1	.00008	.08220	-.00054	-.00046	-.05352	-.00029	-.00020
#2	.00005	.00627	-.00048	-.00003	-.04796	-.00043	-.00042
#3	-.00002	.04022	-.00136	-.00074	-.06741	-.00044	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01503	.00102	.01825	-.00113	-.00206	-.00073	-.00013
Stddev	.01218	.00016	.00151	.00495	.00218	.00022	.00115
%RSD	81.037	15.809	8.2828	439.16	105.79	30.628	902.89

#1	.02519	.00121	.01916	-.00668	-.00287	-.00048	.00120
#2	.01837	.00095	.01650	.00283	-.00372	-.00092	-.00069
#3	.00153	.00091	.01908	.00047	.00041	-.00078	-.00089

Sample Name: CCB09 Acquired: 6/13/2019 21:43:30 Type: Unk
Method: P4-ICP2(v3198) 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	-.00181	.0029	.00010	F 3.7886	F<.00000
Stddev	.00105	.0017	.00010	.0492	1.0087
%RSD	57.975	59.80	100.04	1.2979	34.439
#1	-.00060	.0013	.00002	3.7554	-2.0387
#2	-.00232	.0048	.00007	3.7653	-4.0245
#3	-.00251	.0026	.00022	3.8451	-2.7236
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.3	34821.	3290.7	58.075	2837.9
Stddev	5.6	68.	23.7	.671	8.1
%RSD	.23252	.19388	.71896	1.1554	.28657
#1	2416.8	34826.	3266.6	58.592	2830.2
#2	2425.9	34751.	3291.6	58.317	2837.1
#3	2427.1	34885.	3313.9	57.317	2846.4

Sample Name: K3284-04 Acquired: 6/13/2019 21:48:00 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00040	.00591	.00420	.00119	.06914	.09564
Stddev	.00175	.00031	.00105	.00257	.00271	.00465	.00123
%RSD	974.01	75.940	17.708	61.116	228.12	6.7254	1.2876

#1	.00026	.00017	.00660	.00626	.00406	.06717	.09521
#2	.00189	.00075	.00470	.00502	.00080	.06580	.09703
#3	-.00161	.00029	.00642	.00132	-.00131	.07445	.09468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00071	15.082	.00311	-.00044	.00085	.06915
Stddev	.00007	.00004	.141	.00032	.00008	.00004	.00063
%RSD	188.44	5.9076	.93310	10.131	17.992	4.5507	.91549

#1	-.00005	.00072	14.957	.00279	-.00040	.00080	.06930
#2	.00004	.00066	15.234	.00313	-.00053	.00087	.06970
#3	-.00011	.00074	15.054	.00342	-.00039	.00087	.06846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	5.0486	-.00064	-.00050	118.83	.00009	.02118
Stddev	.00003	.0577	.00050	.00066	1.00	.00030	.00002
%RSD	1.0226	1.1428	77.304	131.73	.84156	330.93	.07138

#1	.00293	5.0020	-.00026	.00001	117.98	-.00023	.02120
#2	.00288	5.1131	-.00121	-.00027	119.93	.00013	.02117
#3	.00294	5.0306	-.00046	-.00124	118.58	.00037	.02117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6196	.00050	.02990	F 10.920	8.9017	-.00509	.00019
Stddev	.0304	.00032	.00550	.022	.0264	.00061	.00212
%RSD	1.8748	63.521	18.395	.20150	.29672	12.087	1140.5

#1	1.6218	.00014	.02597	10.895	8.9243	-.00516	-.00058
#2	1.6488	.00074	.03618	10.935	8.9081	-.00566	.00259
#3	1.5882	.00063	.02754	10.930	8.8727	-.00444	-.00144

Sample Name: K3284-04 Acquired: 6/13/2019 21:48:00 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00408	.0005	.26180	4.8191	F<.00000
Stddev	.00141	.0003	.00082	.3492	.20103
%RSD	34.478	68.46	.31428	7.2458	2.8551
#1	.00426	.0009	.26087	5.2181	-6.8671
#2	.00259	.0003	.26243	4.6701	-7.2613
#3	.00539	.0003	.26210	4.5692	-6.9953
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.9	33768.	3358.2	58.376	2698.4
Stddev	4.9	61.	8.7	.919	8.6
%RSD	.20782	.18163	.25771	1.5744	.32028
#1	2384.4	33763.	3349.8	58.338	2705.7
#2	2374.6	33709.	3367.1	57.476	2688.8
#3	2380.7	33831.	3357.6	59.313	2700.6

Sample Name: K3284-05 Acquired: 6/13/2019 21:52:26 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00094	.00888	.00564	.00037	.39267	.61007
Stddev	.00236	.00163	.00099	.00256	.00020	.01240	.00213
%RSD	81.027	173.93	11.114	45.388	54.766	3.1588	.34839

#1	.00522	-.00010	.01001	.00381	.00038	.39910	.60765
#2	.00051	.00010	.00826	.00856	.00016	.37838	.61094
#3	.00300	-.00281	.00835	.00453	.00056	.40054	.61162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00017	94.802	.01689	-.00003	.00462	1.0004
Stddev	.00005	.00010	.605	.00027	.00012	.00017	.0035
%RSD	87.558	59.991	.63809	1.6079	410.04	3.6156	.34991

#1	.00012	-.00025	94.104	.01663	-.00009	.00469	1.0013
#2	.00004	-.00019	95.175	.01686	.00011	.00474	1.0033
#3	.00002	-.00006	95.128	.01717	-.00011	.00443	.99652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33330	24.835	.00056	-.00174	105.89	.00020	.01837
Stddev	.00062	.037	.00044	.00023	.47	.00032	.00008
%RSD	.18667	.14782	78.856	13.064	.44286	161.44	.45302

#1	.33280	24.793	.00105	-.00159	105.35	-.00016	.01846
#2	.33399	24.849	.00023	-.00200	106.11	.00031	.01830
#3	.33310	24.862	.00038	-.00163	106.21	.00046	.01834

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.910	.00011	.11323	F 25.607	F 10.462	-.01035	.00979
Stddev	.066	.00025	.01585	.040	.040	.00084	.00104
%RSD	.55650	215.45	13.996	.15460	.38461	8.0762	10.624

#1	11.834	.00007	.10713	25.617	10.425	-.00951	.00876
#2	11.944	.00038	.13122	25.641	10.456	-.01119	.01084
#3	11.953	-.00011	.10134	25.563	10.505	-.01034	.00977

Sample Name: K3284-05 Acquired: 6/13/2019 21:52:26 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00090	.1363	.97184	5.2969	F<.00000
Stddev	.00045	.0014	.00753	.2299	.55241
%RSD	50.515	1.050	.77509	4.3402	10.633

#1	.00106	.1379	.96322	5.0777	-5.5398
#2	.00038	.1357	.97514	5.5362	-5.4880
#3	.00125	.1352	.97715	5.2767	-4.5581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.8	33622.	3358.7	57.932	2609.1
Stddev	4.6	95.	8.2	.849	5.3
%RSD	.19683	.28251	.24500	1.4648	.20344

#1	2338.5	33574.	3367.1	57.127	2604.0
#2	2346.9	33560.	3350.6	57.850	2608.6
#3	2346.2	33731.	3358.3	58.819	2614.6

Sample Name: K3284-05DUP Acquired: 6/13/2019 21:56:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	-.00164	.00884	.00574	.00007	.39067	.59378
Stddev	.00027	.00187	.00060	.00385	.00077	.01544	.00432
%RSD	8.2209	114.13	6.8309	67.112	1166.2	3.9526	.72706

#1	.00297	-.00261	.00933	.00132	-.00024	.37323	.59146
#2	.00350	-.00282	.00817	.00840	-.00051	.39619	.59113
#3	.00322	.00052	.00902	.00748	.00094	.40260	.59877

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00017	92.049	.01648	.00004	.00380	.97031
Stddev	.00001	.00008	.578	.00006	.00006	.00018	.00373
%RSD	38.899	48.361	.62759	.34003	146.76	4.8241	.38434

#1	-.00002	-.00014	91.543	.01653	-.00002	.00367	.96817
#2	-.00004	-.00025	91.925	.01642	.00009	.00401	.96814
#3	-.00004	-.00010	92.678	.01648	.00005	.00372	.97462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32249	24.235	.00042	-.00211	103.02	-.00001	.02036
Stddev	.00102	.221	.00016	.00005	.44	.00031	.00008
%RSD	.31501	.90994	37.959	2.4649	.43008	5957.3	.40462

#1	.32275	23.983	.00034	-.00215	102.66	-.00009	.02045
#2	.32137	24.396	.00031	-.00205	102.88	-.00027	.02034
#3	.32335	24.325	.00060	-.00212	103.51	.00034	.02029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.540	.00004	.10352	F 25.010	F 10.102	-.01003	.00994
Stddev	.087	.00020	.00231	.054	.015	.00053	.00115
%RSD	.75578	561.20	2.2359	.21448	.15262	5.3117	11.520

#1	11.440	-.00019	.10156	25.064	10.115	-.00968	.00874
#2	11.581	.00009	.10607	25.011	10.085	-.00977	.01007
#3	11.599	.00021	.10294	24.956	10.106	-.01065	.01102

Sample Name: K3284-05DUP Acquired: 6/13/2019 21:56:50 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.1326	.93837	4.9702	F<.00000
Stddev	.00064	.0031	.00271	.1724	1.0350
%RSD	372.61	2.323	.28864	3.4693	17.188

#1	-.00035	.1337	.93663	4.9099	-5.8204
#2	-.00002	.1291	.93698	5.1647	-5.1019
#3	.00088	.1350	.94149	4.8360	-7.1423

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.1	33906.	3411.4	59.153	2624.0
Stddev	4.9	42.	8.3	.434	3.8
%RSD	.20897	.12466	.24472	.73317	.14300

#1	2353.2	33883.	3404.1	59.456	2620.8
#2	2355.5	33955.	3420.5	58.656	2623.2
#3	2362.7	33880.	3409.6	59.346	2628.1

Sample Name: K3284-05LX5 Acquired: 6/13/2019 22:01:14 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.00094	.00308	.00094	.00163	.08488	.13240
Stddev	.00322	.00007	.00033	.00191	.00107	.00970	.01152
%RSD	199.42	7.1011	10.805	202.93	65.947	11.424	8.6974

#1	.00533	.00089	.00314	.00025	.00279	.08110	.12606
#2	-.00048	.00091	.00337	.00310	.00140	.07765	.12545
#3	.00000	.00102	.00272	-.00053	.00068	.09590	.14570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00020	20.629	.00353	-.00009	.00161	.22310
Stddev	.00002	.00006	1.635	.00049	.00013	.00038	.02006
%RSD	62.137	30.578	7.9270	13.908	146.78	23.282	8.9898

#1	.00004	-.00022	19.557	.00335	-.00021	.00203	.21184
#2	.00001	-.00013	19.819	.00315	.00005	.00130	.21120
#3	.00005	-.00025	22.512	.00408	-.00012	.00151	.24625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07592	5.4187	-.00089	-.00065	22.454	-.00004	.00363
Stddev	.00641	.4220	.00022	.00049	1.787	.00035	.00006
%RSD	8.4406	7.7871	24.978	76.190	7.9604	956.83	1.7852

#1	.07255	5.2158	-.00102	-.00116	21.375	-.00022	.00362
#2	.07191	5.1366	-.00064	-.00059	21.470	.00037	.00357
#3	.08331	5.9038	-.00102	-.00018	24.517	-.00026	.00370

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5861	-.00010	.03493	6.4927	2.2724	-.00364	.00154
Stddev	.2577	.00022	.00523	.0045	.0266	.00045	.00083
%RSD	9.9640	231.64	14.983	.06984	1.1707	12.284	53.751

#1	2.4332	-.00028	.03021	6.4979	2.3025	-.00332	.00087
#2	2.4414	-.00016	.04056	6.4896	2.2520	-.00415	.00246
#3	2.8836	.00015	.03402	6.4905	2.2627	-.00345	.00129

Sample Name: K3284-05LX5 Acquired: 6/13/2019 22:01:14 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	.0316	.20659	5.9013	F<.00000
Stddev	.00133	.0008	.00042	2.5560	.48274
%RSD	149.94	2.535	.20407	43.314	12.256

#1	-.00029	.0324	.20653	4.2021	-3.5395
#2	-.00242	.0317	.20620	4.6608	-4.4752
#3	.00004	.0308	.20704	8.8408	-3.8012

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.0	33152.	3385.7	57.883	2743.9
Stddev	6.4	2332.	37.1	1.127	8.8
%RSD	.26501	7.0344	1.0954	1.9479	.32054

#1	2393.7	34400.	3343.1	59.185	2734.0
#2	2406.4	34595.	3403.2	57.272	2750.7
#3	2399.8	30461.	3410.7	57.194	2747.1

Sample Name: K3284-06 Acquired: 6/13/2019 22:05:39 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3284-05MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74373	1.8459	.91854	1.8624	.76689	2.4366	.76714	.19128
Stddev	.00486	.0036	.00137	.0058	.00222	.0250	.00113	.00038
%RSD	.65313	.19305	.14955	.31094	.28911	1.0249	.14752	.19734
#1	.74848	1.8429	.91735	1.8577	.76945	2.4614	.76820	.19090
#2	.73877	1.8498	.92004	1.8689	.76554	2.4115	.76726	.19166
#3	.74393	1.8449	.91822	1.8607	.76567	2.4370	.76595	.19127
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18418	90.496	.41254	.19004	.29311	3.9117	.51135	25.369
Stddev	.00014	.212	.00058	.00064	.00042	.0083	.00100	.153
%RSD	.07722	.23445	.14089	.33734	.14318	.21160	.19520	.60412
#1	.18404	90.579	.41255	.18982	.29343	3.9021	.51031	25.215
#2	.18416	90.654	.41195	.19076	.29264	3.9164	.51146	25.371
#3	.18433	90.255	.41312	.18953	.29327	3.9165	.51230	25.521
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47927	.06701	102.28	.30928	.20859	20.820	.40112	.39172
Stddev	.00159	.00052	.08	.00125	.00009	.052	.00027	.01116
%RSD	.33096	.78232	.07387	.40398	.04335	.24834	.06664	2.8484
#1	.47757	.06720	102.36	.30934	.20849	20.761	.40133	.40402
#2	.48071	.06741	102.21	.30800	.20865	20.844	.40121	.38226
#3	.47954	.06642	102.28	.31050	.20864	20.856	.40082	.38887
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.674	F 10.752	.66856	.21387	.21086	5.953	1.1193	6.6089
Stddev	.008	.054	.00263	.00159	.00234	.002	.0013	.1666
%RSD	.03333	.50056	.39346	.74461	1.1093	.0349	.11972	2.5212
#1	24.678	10.696	.66559	.21229	.20863	5.955	1.1178	6.5461
#2	24.664	10.803	.66946	.21385	.21329	5.954	1.1203	6.7979
#3	24.679	10.757	.67062	.21547	.21065	5.951	1.1199	6.4829

Sample Name: K3284-06 Acquired: 6/13/2019 22:05:39 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K3284-05MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1197
Stddev	.1177
%RSD	10.509

#1	1.1085
#2	1.2426
#3	1.0081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2341.5	33937.	3377.5	59.105	2582.4
Stddev	11.6	136.	4.2	2.089	6.4
%RSD	.49589	.39938	.12371	3.5339	.24667

#1	2329.6	33791.	3379.1	60.801	2575.9
#2	2352.8	34059.	3380.6	59.743	2588.6
#3	2342.0	33962.	3372.7	56.772	2582.7

Sample Name: K3284-07 Acquired: 6/13/2019 22:09:47 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3284-05MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73897	1.8245	.91135	1.8415	.75555	2.3914	.75685	.18938
Stddev	.00465	.0042	.00369	.0046	.00146	.0304	.00220	.00005
%RSD	.62939	.22731	.40518	.25063	.19341	1.2725	.29045	.02874
#1	.73608	1.8199	.91081	1.8386	.75723	2.3590	.75431	.18944
#2	.73650	1.8280	.91528	1.8391	.75457	2.4195	.75827	.18933
#3	.74433	1.8255	.90795	1.8468	.75485	2.3957	.75796	.18937
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18183	89.983	.41099	.18752	.28907	3.8800	.50665	25.072
Stddev	.00032	.315	.00109	.00012	.00156	.0061	.00053	.260
%RSD	.17820	.35010	.26457	.06401	.53904	.15664	.10432	1.0369
#1	.18179	89.664	.40981	.18746	.28742	3.8824	.50627	24.917
#2	.18217	90.294	.41196	.18766	.28927	3.8731	.50643	25.372
#3	.18153	89.992	.41120	.18745	.29052	3.8845	.50725	24.926
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47352	.06539	101.56	.30757	.20506	20.603	.39649	.39209
Stddev	.00056	.00029	.34	.00160	.00031	.079	.00144	.00684
%RSD	.11765	.43714	.33692	.51907	.14889	.38342	.36349	1.7445
#1	.47295	.06560	101.16	.30576	.20472	20.528	.39522	.39251
#2	.47407	.06507	101.71	.30818	.20516	20.686	.39619	.39871
#3	.47353	.06551	101.80	.30877	.20531	20.594	.39805	.38505
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.451	F 10.774	.66018	.20966	.20878	5.886	1.1180	5.7108
Stddev	.068	.082	.00118	.00385	.00129	.018	.0073	.0745
%RSD	.27733	.76197	.17835	1.8366	.61833	.3076	.65302	1.3044
#1	24.488	10.828	.65882	.20656	.20991	5.884	1.1163	5.7496
#2	24.492	10.679	.66081	.21397	.20738	5.905	1.1118	5.7577
#3	24.372	10.814	.66090	.20845	.20906	5.869	1.1260	5.6249

Sample Name: K3284-07 Acquired: 6/13/2019 22:09:47 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3284-05MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.97854
Stddev	.43591
%RSD	44.547

#1	.48699
#2	1.1305
#3	1.3181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.2	34184.	3372.4	59.222	2612.4
Stddev	3.0	31.	28.0	.721	6.0
%RSD	.12715	.09031	.83018	1.2170	.22811

#1	2369.3	34172.	3358.0	58.633	2611.1
#2	2363.3	34219.	3404.7	60.026	2607.3
#3	2366.0	34162.	3354.5	59.008	2618.9

Sample Name: K3284-05A Acquired: 6/13/2019 22:13:53 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8312 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74107	1.8214	.90961	1.8507	.76218	2.3588	.75707	.18998
Stddev	.00237	.0050	.00183	.0053	.00530	.0142	.00234	.00030
%RSD	.31928	.27523	.20072	.28889	.69499	.60076	.30856	.15764
#1	.74208	1.8167	.91170	1.8552	.76286	2.3494	.75691	.19004
#2	.73836	1.8210	.90833	1.8448	.75658	2.3520	.75482	.18966
#3	.74276	1.8267	.90879	1.8519	.76711	2.3751	.75948	.19025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18220	90.018	.40977	.18834	.29114	3.8821	.50749	25.291
Stddev	.00023	.567	.00076	.00052	.00026	.0014	.00038	.149
%RSD	.12578	.62990	.18442	.27494	.08982	.03633	.07541	.58942
#1	.18216	89.412	.40970	.18861	.29113	3.8805	.50790	25.148
#2	.18245	90.105	.40906	.18867	.29140	3.8828	.50741	25.445
#3	.18199	90.536	.41057	.18775	.29088	3.8830	.50715	25.279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47349	.06589	101.54	.30613	.20550	20.625	.39913	.40435
Stddev	.00253	.00108	.37	.00065	.00018	.096	.00041	.00454
%RSD	.53343	1.6449	.36516	.21270	.08752	.46479	.10335	1.1235
#1	.47114	.06681	101.15	.30553	.20530	20.561	.39944	.40784
#2	.47616	.06469	101.58	.30604	.20562	20.578	.39929	.40598
#3	.47317	.06616	101.89	.30682	.20559	20.735	.39866	.39921
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.407	F 10.740	.66080	.21255	.20705	5.892	1.1144	5.8769
Stddev	.040	.051	.00094	.00101	.00173	.005	.0060	.2346
%RSD	.16207	.47592	.14211	.47712	.83508	.0819	.53711	3.9927
#1	24.417	10.765	.66167	.21357	.20610	5.895	1.1158	5.9968
#2	24.441	10.682	.66094	.21154	.20905	5.894	1.1078	6.0274
#3	24.364	10.775	.65980	.21253	.20600	5.886	1.1195	5.6065

Sample Name: K3284-05A Acquired: 6/13/2019 22:13:53 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8312 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0067
Stddev	.4821
%RSD	47.885

#1	.49783
#2	1.4565
#3	1.0657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.7	34033.	3378.9	57.619	2600.6
Stddev	10.6	98.	24.0	1.604	14.7
%RSD	.44922	.28720	.71137	2.7844	.56459

#1	2339.2	34048.	3365.8	59.364	2589.6
#2	2346.9	34122.	3406.7	57.288	2595.0
#3	2360.0	33928.	3364.3	56.207	2617.3

Sample Name: K3284-09 Acquired: 6/13/2019 22:18:00 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00132	.00552	.00628	.00026	.03838	.03475
Stddev	.00109	.00048	.00006	.00065	.00150	.00540	.00007
%RSD	47820.	36.618	1.0616	10.408	582.36	14.075	.20586

#1	.00040	.00125	.00554	.00558	.00079	.03304	.03481
#2	.00084	.00184	.00545	.00639	.00141	.04384	.03477
#3	-.00123	.00088	.00556	.00687	-.00144	.03827	.03467

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00001	12.842	.00138	.00040	.00185	.02653
Stddev	.00004	.00004	.122	.00016	.00016	.00012	.00070
%RSD	20.639	354.05	.94660	11.664	40.109	6.4342	2.6356

#1	.00023	.00005	12.720	.00152	.00057	.00195	.02573
#2	.00015	.00001	12.963	.00141	.00036	.00172	.02684
#3	.00020	-.00003	12.842	.00121	.00026	.00188	.02701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00491	4.1537	.00130	-.00038	38.243	.00073	.01545
Stddev	.00009	.0377	.00049	.00015	.144	.00035	.00013
%RSD	1.8710	.90802	37.958	40.237	.37721	47.490	.83435

#1	.00493	4.1111	.00073	-.00054	38.098	.00042	.01543
#2	.00481	4.1828	.00159	-.00024	38.387	.00110	.01558
#3	.00499	4.1672	.00158	-.00036	38.243	.00067	.01532

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0265	.00077	.05454	2.1222	6.7054	-.00142	.00234
Stddev	.0337	.00006	.00624	.0047	.0212	.00041	.00139
%RSD	1.6648	7.4632	11.449	.21990	.31601	28.627	59.234

#1	2.0155	.00083	.05043	2.1181	6.6843	-.00187	.00125
#2	2.0644	.00075	.05147	2.1273	6.7053	-.00133	.00390
#3	1.9996	.00072	.06173	2.1213	6.7267	-.00107	.00188

Sample Name: K3284-09 Acquired: 6/13/2019 22:18:00 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	.0125	.07694	4.0664	F<.00000
Stddev	.00081	.0020	.00080	.3018	.38829
%RSD	70.328	15.69	1.0422	7.4219	8.9763

#1	-.00175	.0127	.07602	4.1514	-4.5213
#2	-.00150	.0143	.07746	4.3167	-3.8785
#3	-.00023	.0104	.07735	3.7313	-4.5772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.2	35419.	3464.7	61.536	2838.0
Stddev	9.0	54.	8.1	1.551	6.3
%RSD	.36867	.15321	.23317	2.5205	.22368

#1	2435.1	35363.	3471.4	60.366	2833.2
#2	2451.6	35424.	3467.1	60.947	2845.2
#3	2437.0	35471.	3455.7	63.295	2835.5

Sample Name: K3284-10 Acquired: 6/13/2019 22:22:27 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02181	.00076	.00138	.01128	-.00003	-.03877	.23889	.00156
Stddev	.00286	.00057	.00045	.00248	.00035	.00681	.00101	.00006
%RSD	13.116	75.739	32.781	22.007	1060.0	17.554	.42089	4.0540
#1	.01915	.00059	.00106	.01033	-.00043	-.03310	.23881	.00156
#2	.02484	.00028	.00118	.00941	.00023	-.03689	.23793	.00163
#3	.02144	.00139	.00190	.01410	.00011	-.04632	.23994	.00150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	185.69	-.00230	.01431	.05839	46.529	1.1394	17.092
Stddev	.00012	.71	.00044	.00004	.00052	.192	.0011	.007
%RSD	5.8655	.38446	19.177	.28298	.88783	.41295	.09683	.04386
#1	-.00199	184.89	-.00281	.01427	.05793	46.516	1.1390	17.097
#2	-.00216	185.92	-.00207	.01431	.05830	46.728	1.1406	17.083
#3	-.00194	186.26	-.00202	.01435	.05895	46.344	1.1385	17.094
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00496	207.23	-.00133	.03761	11.897	-.00088	.16618
Stddev	.00022	.00038	.46	.00056	.00009	.029	.00007	.00930
%RSD	29.596	7.6624	.21966	42.358	.23674	.24419	8.1175	5.5965
#1	-.00054	-.00527	206.74	-.00113	.03759	11.926	-.00083	.17210
#2	-.00074	-.00506	207.33	-.00089	.03753	11.868	-.00085	.15546
#3	-.00099	-.00453	207.63	-.00197	.03770	11.897	-.00096	.17098
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.859	9.8587	-.01445	-.00411	.00240	.1448	.81800	5.4853
Stddev	.081	.0737	.00027	.00082	.00167	.0006	.00562	.2672
%RSD	.20356	.74731	1.8341	19.949	69.721	.4149	.68711	4.8719
#1	39.802	9.8885	-.01475	-.00445	.00078	.1455	.81903	5.7870
#2	39.823	9.9128	-.01431	-.00317	.00412	.1444	.82303	5.3909
#3	39.952	9.7748	-.01428	-.00471	.00230	.1446	.81193	5.2781

Sample Name: K3284-10 Acquired: 6/13/2019 22:22:27 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	30.134
Stddev	.985
%RSD	3.2680

#1	30.769
#2	28.999
#3	30.633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.4	33089.	3381.7	58.171	2507.9
Stddev	6.0	190.	43.6	.849	6.0
%RSD	.26348	.57514	1.2897	1.4591	.23782

#1	2287.4	32929.	3352.5	57.731	2506.8
#2	2288.6	33039.	3360.7	57.633	2502.6
#3	2298.4	33300.	3431.8	59.150	2514.4

Sample Name: K3284-11 Acquired: 6/13/2019 22:26:59 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00115	.00160	.00419	.00092	.09443	.01939
Stddev	.00385	.00132	.00027	.00231	.00047	.01392	.00050
%RSD	178.70	114.33	17.141	55.280	51.408	14.736	2.5986

#1	-.00495	.00014	.00187	.00522	.00042	.10873	.01926
#2	-.00374	-.00111	.00132	.00154	.00135	.09362	.01896
#3	.00223	-.00249	.00161	.00580	.00098	.08094	.01994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00023	21.263	.00624	-.00024	.00429	.08287
Stddev	.00001	.00003	.124	.00021	.00012	.00060	.00052
%RSD	32.216	12.126	.58149	3.4447	52.601	14.024	.62969

#1	.00003	.00023	21.121	.00605	-.00011	.00459	.08264
#2	.00002	.00026	21.319	.00647	-.00025	.00360	.08250
#3	.00001	.00020	21.348	.00619	-.00036	.00468	.08347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	3.8021	-.00008	-.00080	20.755	.00041	.02734
Stddev	.00003	.0156	.00023	.00049	.093	.00009	.00013
%RSD	2.7819	.41083	298.27	61.212	.44589	21.330	.47567

#1	.00115	3.7885	.00009	-.00033	20.720	.00045	.02735
#2	.00115	3.7986	.00001	-.00131	20.859	.00031	.02721
#3	.00110	3.8192	-.00034	-.00076	20.684	.00046	.02747

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1774	.00045	.01070	3.4453	2.2465	-.00253	.00238
Stddev	.0345	.00013	.01183	.0075	.0148	.00030	.00045
%RSD	2.9276	29.587	110.56	.21784	.65685	11.975	18.759

#1	1.1382	.00052	.00343	3.4436	2.2297	-.00270	.00230
#2	1.2028	.00029	.00432	3.4389	2.2573	-.00218	.00286
#3	1.1913	.00052	.02436	3.4536	2.2526	-.00272	.00198

Sample Name: K3284-11 Acquired: 6/13/2019 22:26:59 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	.0108	.09163	3.8171	F<.00000
Stddev	.00146	.0020	.00074	.1919	.31972
%RSD	234.24	18.30	.80823	5.0274	10.210

#1	-.00217	.0126	.09078	3.9257	-3.3977
#2	.00072	.0087	.09196	3.9301	-3.2196
#3	-.00042	.0111	.09214	3.5955	-2.7768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.2	35779.	3462.4	62.007	2853.3
Stddev	8.3	183.	12.0	1.048	7.1
%RSD	.33939	.51263	.34715	1.6899	.24817

#1	2446.7	35666.	3468.9	60.881	2845.7
#2	2459.9	35680.	3448.6	62.188	2854.6
#3	2462.2	35991.	3469.9	62.953	2859.7

Sample Name: CCV10 Acquired: 6/13/2019 22:31:25 Type: Unk
Method: P4-ICP2(v3198) 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	5.0591	5.2579	5.1281	5.0676	5.0935	10.067	9.8173
Stddev	.0067	.0228	.0089	.0166	.0091	.130	.0759
%RSD	.13179	.43341	.17344	.32750	.17929	1.2904	.77317

#1	5.0569	5.2360	5.1229	5.0486	5.0848	9.9335	9.7436
#2	5.0538	5.2561	5.1230	5.0748	5.1030	10.193	9.8953
#3	5.0665	5.2815	5.1384	5.0793	5.0928	10.074	9.8130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25960	2.5828	25.219	1.0403	2.5714	1.2938	5.2887
Stddev	.00089	.0050	.242	.0016	.0036	.0017	.0115
%RSD	.34162	.19427	.95862	.15572	.13933	.13374	.21778

#1	.26063	2.5793	24.991	1.0409	2.5703	1.2919	5.3012
#2	.25910	2.5806	25.472	1.0416	2.5684	1.2953	5.2862
#3	.25908	2.5886	25.193	1.0385	2.5754	1.2942	5.2786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6513	25.127	2.6184	1.2720	24.902	2.6428	2.5292
Stddev	.0041	.300	.0014	.0018	.188	.0080	.0022
%RSD	.15304	1.1948	.05268	.13950	.75296	.30349	.08798

#1	2.6556	24.790	2.6177	1.2722	24.726	2.6521	2.5275
#2	2.6509	25.364	2.6175	1.2738	25.099	2.6382	2.5284
#3	2.6475	25.228	2.6200	1.2702	24.881	2.6382	2.5318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.022	5.1817	5.0279	5.2334	5.2260	5.1777	5.1205
Stddev	.234	.0054	.0682	.0293	.2045	.0183	.2397
%RSD	.93487	.10486	1.3560	.55920	3.9136	.35271	4.6814

#1	24.767	5.1754	4.9662	5.2075	4.9900	5.1827	4.8441
#2	25.226	5.1847	5.1011	5.2274	5.3359	5.1575	5.2713
#3	25.073	5.1849	5.0165	5.2652	5.3521	5.1930	5.2462

Sample Name: CCV10 Acquired: 6/13/2019 22:31:25 Type: Unk
Method: P4-ICP2(v3198) 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	5.2321	5.241	5.1266	F 6.3078	F<.00000
Stddev	.2446	.013	.2400	.2572	.55262
%RSD	4.6749	.2566	4.6814	4.0775	296.03
#1	4.9498	5.247	4.8496	6.5921	.39955
#2	5.3780	5.226	5.2590	6.0914	-.26151
#3	5.3687	5.250	5.2712	6.2400	-.69807
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.8	33769.	3391.4	57.616	2520.2
Stddev	3.1	24.	138.8	1.765	1.8
%RSD	.13357	.07002	4.0926	3.0641	.07086
#1	2333.1	33761.	3551.1	59.633	2518.4
#2	2332.9	33750.	3323.1	56.860	2521.9
#3	2338.4	33795.	3299.9	56.354	2520.4

Sample Name: CCB10 Acquired: 6/13/2019 22:35:24 Type: Unk
Method: P4-ICP2(v3198) 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	.00097	.00151	.00149	.00091	.00013	.01448	.00027
Stddev	.00281	.00054	.00115	.00205	.00086	.01001	.00036
%RSD	290.33	35.906	77.234	224.04	682.54	69.130	130.40

#1	.00192	.00111	.00056	.00235	-.00066	.01026	.00068
#2	-.00220	.00129	.00113	-.00143	.00104	.00727	.00013
#3	.00318	.00213	.00277	.00182	-.00001	.02590	.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00004	.00339	.00001	-.00027	-.00013	.00042
Stddev	.00002	.00008	.00358	.00040	.00012	.00006	.00031
%RSD	178.73	186.58	105.51	3222.6	43.657	46.732	74.113

#1	.00001	.00004	.00730	.00011	-.00028	-.00020	.00073
#2	-.00001	-.00012	.00029	.00036	-.00037	-.00011	.00010
#3	-.00002	-.00004	.00257	-.00043	-.00014	-.00008	.00044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00080	-.00043	-.00038	-.10409	-.00034	-.00069
Stddev	.00004	.03361	.00022	.00031	.01160	.00014	.00009
%RSD	19.559	4191.1	51.601	81.870	11.146	40.457	12.411

#1	.00019	-.01622	-.00063	-.00014	-.11582	-.00050	-.00069
#2	.00021	-.02089	-.00019	-.00026	-.09262	-.00024	-.00077
#3	.00027	.03952	-.00046	-.00073	-.10384	-.00028	-.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03739	.00090	.01210	F -.01650	-.00301	-.00174	-.00016
Stddev	.00771	.00045	.01192	.00268	.00066	.00038	.00174
%RSD	20.622	50.050	98.583	16.217	21.931	21.895	1097.9

#1	.04514	.00141	.00526	-.01360	-.00276	-.00213	-.00071
#2	.02971	.00078	.00517	-.01702	-.00252	-.00170	.00179
#3	.03733	.00053	.02586	-.01888	-.00377	-.00138	-.00155

Sample Name: CCB10 Acquired: 6/13/2019 22:35:24 Type: Unk
Method: P4-ICP2(v3198) 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	-.00302	.0033	.00017	F 3.9679	F<.00000
Stddev	.00271	.0008	.00007	.2746	.64411
%RSD	89.584	23.77	38.832	6.9200	16.416
#1	-.00615	.0034	.00021	4.2602	-3.2029
#2	-.00146	.0024	.00009	3.7153	-4.4430
#3	-.00146	.0040	.00020	3.9282	-4.1250
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.6	35288.	3341.8	57.958	2862.6
Stddev	6.1	39.	6.0	1.262	5.0
%RSD	.24871	.11124	.18048	2.1768	.17427
#1	2444.6	35246.	3338.4	56.783	2859.0
#2	2453.4	35295.	3338.1	57.800	2868.3
#3	2441.7	35323.	3348.7	59.292	2860.5

Sample Name: K3284-12 Acquired: 6/13/2019 22:39:53 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00348	.00037	.00947	.00815	.00063	.35432	.62623
Stddev	.00294	.00102	.00026	.00184	.00192	.01862	.00285
%RSD	84.436	272.02	2.7595	22.602	305.48	5.2559	.45549

#1	.00049	.00141	.00920	.00883	.00247	.33763	.62338
#2	.00360	-.00063	.00973	.00606	-.00136	.37441	.62622
#3	.00637	.00034	.00949	.00955	.00078	.35093	.62908

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00023	97.489	.01703	-.00004	.00430	.93714
Stddev	.00002	.00014	.616	.00056	.00021	.00029	.00153
%RSD	35.717	62.724	.63204	3.3142	586.02	6.8008	.16305

#1	.00003	-.00030	96.899	.01644	.00016	.00462	.93855
#2	.00007	-.00006	97.440	.01757	-.00001	.00421	.93552
#3	.00006	-.00031	98.129	.01707	-.00026	.00406	.93736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34169	25.617	.00077	-.00170	108.73	.00039	.01422
Stddev	.00045	.084	.00029	.00040	.66	.00016	.00007
%RSD	.13114	.32960	37.598	23.335	.60897	41.189	.51034

#1	.34210	25.528	.00103	-.00126	108.07	.00028	.01430
#2	.34176	25.696	.00082	-.00201	108.71	.00057	.01416
#3	.34121	25.627	.00046	-.00184	109.40	.00031	.01421

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.268	.00035	.11138	F 26.055	F 10.709	-.01057	.00837
Stddev	.102	.00013	.00578	.029	.035	.00055	.00266
%RSD	.82882	37.349	5.1892	.11295	.32551	5.2013	31.759

#1	12.151	.00022	.11422	26.087	10.677	-.01077	.00749
#2	12.319	.00049	.11520	26.029	10.746	-.01100	.00626
#3	12.334	.00035	.10473	26.048	10.704	-.00995	.01135

Sample Name: K3284-12 Acquired: 6/13/2019 22:39:53 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	.1414	.99754	5.7251	F<.00000
Stddev	.00125	.0039	.00579	.1574	.91385
%RSD	150.62	2.760	.58020	2.7489	15.250

#1	-.00197	.1370	.99258	5.8660	-6.0556
#2	.00051	.1444	.99615	5.7539	-6.8731
#3	-.00104	.1429	1.0039	5.5553	-5.0487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.4	33613.	3369.3	58.311	2589.8
Stddev	8.3	16.	3.6	1.522	9.2
%RSD	.35480	.04852	.10607	2.6095	.35524

#1	2316.8	33630.	3370.1	59.805	2580.5
#2	2326.2	33598.	3372.3	56.763	2589.9
#3	2333.2	33611.	3365.3	58.365	2598.9

Sample Name: K3284-14 Acquired: 6/13/2019 22:44:17 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00006	.00407	.00186	.00070	.00317	.04379
Stddev	.00166	.00119	.00069	.00018	.00090	.00624	.00007
%RSD	437.78	1861.7	16.845	9.8998	128.20	197.03	.16971

#1	-.00136	.00104	.00328	.00182	.00096	.00765	.04370
#2	-.00131	-.00133	.00444	.00169	-.00030	.00581	.04383
#3	.00153	.00010	.00449	.00206	.00145	-.00396	.04383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00004	16.753	.00091	.00001	.00199	.01421
Stddev	.00005	.00007	.153	.00037	.00017	.00012	.00035
%RSD	142.26	167.17	.91047	40.979	1180.1	5.8731	2.4953

#1	-.00002	-.00005	16.585	.00124	.00005	.00197	.01455
#2	.00007	-.00010	16.788	.00050	-.00018	.00212	.01385
#3	.00005	.00003	16.884	.00100	.00017	.00189	.01422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03795	6.3852	.03712	-.00098	47.962	-.00046	.02768
Stddev	.00020	.0595	.00033	.00020	.221	.00024	.00015
%RSD	.53201	.93222	.88475	20.203	.46040	51.526	.55408

#1	.03777	6.3183	.03749	-.00099	47.782	-.00031	.02784
#2	.03792	6.4323	.03685	-.00077	47.895	-.00034	.02754
#3	.03817	6.4049	.03703	-.00117	48.208	-.00073	.02766

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6864	.00011	.05520	5.5975	7.0090	-.00349	.00024
Stddev	.0277	.00029	.01546	.0202	.0063	.00065	.00106
%RSD	1.0321	268.10	28.000	.36044	.08937	18.521	451.22

#1	2.6964	-.00016	.06612	5.6189	7.0027	-.00422	.00084
#2	2.6551	.00041	.06197	5.5788	7.0153	-.00298	.00085
#3	2.7077	.00007	.03751	5.5950	7.0090	-.00327	-.00099

Sample Name: K3284-14 Acquired: 6/13/2019 22:44:17 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.0052	.15531	4.3890	F<.00000
Stddev	.00132	.0012	.00134	.2361	.76224
%RSD	788.25	22.17	.86371	5.3798	13.538

#1	-.00055	.0039	.15378	4.4367	-4.9813
#2	.00130	.0054	.15629	4.5976	-5.4403
#3	-.00126	.0062	.15586	4.1326	-6.4698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.2	35315.	3417.4	59.853	2819.5
Stddev	6.0	123.	3.0	.114	8.4
%RSD	.24648	.34722	.08637	.19096	.29934

#1	2440.7	35195.	3420.3	59.930	2811.9
#2	2442.7	35440.	3414.4	59.908	2817.9
#3	2452.0	35311.	3417.4	59.722	2828.5

Sample Name: K3284-15 Acquired: 6/13/2019 22:48:43 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	-.00084	.00332	.00334	-.00022	.01175	.02160
Stddev	.00113	.00080	.00051	.00030	.00163	.01010	.00031
%RSD	231.02	94.801	15.305	9.1378	725.82	85.903	1.4242

#1	.00040	-.00104	.00292	.00304	-.00135	.01623	.02126
#2	-.00010	.00004	.00389	.00365	-.00097	.01883	.02184
#3	-.00176	-.00153	.00315	.00333	.00165	.00019	.02172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00009	6.4439	.00089	.00058	.00082	.00664
Stddev	.00004	.00006	.0229	.00029	.00009	.00012	.00060
%RSD	289.64	64.008	.35570	32.753	15.672	14.378	8.9779

#1	.00000	-.00004	6.4177	.00069	.00051	.00079	.00626
#2	-.00005	-.00007	6.4539	.00075	.00068	.00095	.00634
#3	.00001	-.00015	6.4601	.00122	.00055	.00071	.00733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02141	2.4756	.00029	-.00066	22.307	.00002	.01557
Stddev	.00022	.0282	.00021	.00067	.029	.00038	.00007
%RSD	1.0481	1.1396	72.640	102.49	.12881	2480.6	.42987

#1	.02151	2.4432	.00054	-.00070	22.292	-.00037	.01558
#2	.02116	2.4947	.00021	-.00131	22.340	.00001	.01549
#3	.02157	2.4889	.00013	.00004	22.288	.00040	.01563

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8254	.00023	.07037	6.7226	6.6641	-.00385	.00041
Stddev	.0506	.00005	.00908	.0080	.0480	.00051	.00083
%RSD	2.7724	22.898	12.906	.11930	.71987	13.156	201.37

#1	1.7772	.00024	.06145	6.7136	6.6089	-.00404	.00133
#2	1.8781	.00028	.07006	6.7291	6.6878	-.00424	.00020
#3	1.8209	.00018	.07961	6.7252	6.6957	-.00328	-.00029

Sample Name: K3284-15 Acquired: 6/13/2019 22:48:43 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	.0012	.07921	3.3898	F<.00000
Stddev	.00180	.0009	.00069	.1491	.66832
%RSD	71.299	75.83	.87211	4.3976	16.348
#1	-.00411	.0005	.07845	3.3315	-4.8595
#2	-.00057	.0009	.07936	3.5592	-3.7186
#3	-.00290	.0022	.07981	3.2787	-3.6859
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2459.8	35947.	3455.4	60.674	2898.8
Stddev	11.6	55.	18.6	.643	8.5
%RSD	.47233	.15376	.53851	1.0597	.29204
#1	2459.8	35930.	3476.6	60.929	2894.8
#2	2471.5	35902.	3448.1	59.943	2908.6
#3	2448.2	36009.	3441.6	61.151	2893.2

Sample Name: K3284-16 Acquired: 6/13/2019 22:53:10 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	.00003	.00677	.00309	.00113	.18985	.05156
Stddev	.00121	.00111	.00027	.00310	.00127	.00477	.00040
%RSD	120.83	3466.3	3.9775	100.25	112.30	2.5113	.77426

#1	-.00185	-.00053	.00704	.00328	.00248	.19271	.05110
#2	-.00154	.00131	.00650	.00609	-.00005	.19249	.05183
#3	.00038	-.00068	.00677	-.00010	.00097	.18434	.05175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00008	26.898	.00326	.00012	.00241	.22920
Stddev	.00005	.00007	.209	.00036	.00021	.00017	.00153
%RSD	72.810	84.873	.77810	10.957	179.08	7.0226	.66908

#1	.00007	-.00005	26.661	.00364	-.00007	.00222	.23096
#2	.00010	-.00015	26.973	.00320	.00034	.00251	.22853
#3	.00001	-.00003	27.059	.00294	.00008	.00250	.22812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00841	7.9272	.00038	-.00119	65.524	.00047	.01376
Stddev	.00012	.0860	.00019	.00010	.505	.00029	.00011
%RSD	1.4277	1.0846	50.387	8.6653	.77121	62.824	.78116

#1	.00849	7.8283	.00037	-.00129	65.013	.00016	.01367
#2	.00827	7.9843	.00020	-.00121	66.023	.00075	.01374
#3	.00847	7.9690	.00058	-.00108	65.534	.00050	.01388

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4901	.00031	.09031	5.8680	9.5653	-.00318	.01049
Stddev	.0610	.00001	.01031	.0250	.0723	.00028	.00178
%RSD	1.1118	1.8774	11.413	.42524	.75568	8.8261	16.954

#1	5.4200	.00032	.08841	5.8917	9.6352	-.00286	.00889
#2	5.5311	.00030	.08109	5.8420	9.4908	-.00336	.01240
#3	5.5193	.00031	.10144	5.8704	9.5699	-.00333	.01016

Sample Name: K3284-16 Acquired: 6/13/2019 22:53:10 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03319	.0019	.27567	5.0364	F<.00000
Stddev	.00101	.0013	.00062	.4057	1.1618
%RSD	3.0328	66.08	.22363	8.0552	19.130

#1	.03204	.0032	.27520	4.7100	-6.7809
#2	.03364	.0020	.27637	5.4906	-6.7066
#3	.03389	.0006	.27545	4.9085	-4.7324

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.5	34563.	3366.6	59.200	2740.3
Stddev	8.4	140.	23.6	.707	12.0
%RSD	.35196	.40415	.70036	1.1950	.43965

#1	2380.8	34485.	3339.4	58.771	2726.4
#2	2394.1	34480.	3380.3	60.016	2748.5
#3	2396.4	34725.	3380.1	58.812	2745.9

Sample Name: K3284-17 Acquired: 6/13/2019 22:57:35 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-MW202S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	.00033	.00571	.00588	-.00010	.27242	.11445
Stddev	.00035	.00166	.00095	.00068	.00181	.01326	.00101
%RSD	12.480	500.35	16.567	11.636	1904.1	4.8660	.88406

#1	.00317	-.00134	.00649	.00667	.00068	.28327	.11359
#2	.00251	.00199	.00466	.00551	-.00217	.27634	.11556
#3	.00267	.00035	.00597	.00546	.00120	.25765	.11419

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00028	48.151	.04671	.00038	.00382	.35772
Stddev	.00009	.00007	.468	.00029	.00017	.00028	.00177
%RSD	232.02	26.428	.97159	.62608	43.801	7.4374	.49587

#1	.00006	-.00029	47.719	.04703	.00055	.00411	.35599
#2	-.00009	-.00020	48.648	.04645	.00021	.00382	.35953
#3	-.00009	-.00034	48.086	.04666	.00038	.00354	.35764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03451	10.098	.03065	-.00135	292.46	.00055	.02365
Stddev	.00017	.116	.00023	.00017	3.00	.00025	.00014
%RSD	.48825	1.1501	.76458	12.519	1.0272	45.261	.57467

#1	.03444	10.006	.03042	-.00147	289.19	.00063	.02350
#2	.03470	10.228	.03065	-.00116	295.10	.00075	.02377
#3	.03438	10.058	.03089	-.00142	293.08	.00027	.02368

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6971	.00119	.05694	F 13.960	5.7201	-.00534	.00968
Stddev	.0798	.00020	.02379	.011	.0311	.00056	.00128
%RSD	1.1918	16.656	41.778	.08120	.54386	10.456	13.208

#1	6.6661	.00140	.03726	13.948	5.7448	-.00599	.01031
#2	6.7878	.00102	.08337	13.962	5.6852	-.00503	.00821
#3	6.6374	.00114	.05018	13.970	5.7303	-.00501	.01052

Sample Name: K3284-17 Acquired: 6/13/2019 22:57:35 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-MW202S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	.0045	.34697	6.2867	F<.00000
Stddev	.00195	.0026	.00128	.2063	.41336
%RSD	153.68	56.75	.36821	3.2820	4.1623
#1	-.00177	.0037	.34700	6.4980	-9.5261
#2	-.00293	.0073	.34568	6.2765	-10.352
#3	.00088	.0024	.34823	6.0857	-9.9152
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.9	33017.	3359.4	60.041	2554.4
Stddev	8.7	83.	15.9	.883	5.6
%RSD	.37468	.25197	.47456	1.4712	.22019
#1	2310.1	32996.	3344.5	59.634	2548.2
#2	2322.8	32946.	3376.2	59.434	2555.9
#3	2326.8	33109.	3357.4	61.054	2559.1

Sample Name: K3284-18 Acquired: 6/13/2019 23:02:09 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-MW202I Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00312	-.00137	.00675	.00235	.00043	.56056	.12236
Stddev	.00289	.00077	.00153	.00191	.00083	.01186	.00102
%RSD	92.767	56.269	22.684	81.106	191.88	2.1166	.83265

#1	-.00501	-.00222	.00529	.00074	.00136	.54697	.12346
#2	.00021	-.00072	.00661	.00186	.00017	.56586	.12145
#3	-.00455	-.00116	.00834	.00446	-.00024	.56886	.12216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00014	23.034	.00159	.00469	.00248	.42547
Stddev	.00006	.00008	.016	.00044	.00005	.00024	.00146
%RSD	93.414	54.749	.06886	27.632	.99145	9.5504	.34273

#1	.00010	-.00016	23.016	.00203	.00465	.00275	.42704
#2	-.00001	-.00006	23.043	.00115	.00467	.00230	.42415
#3	.00011	-.00021	23.044	.00159	.00474	.00240	.42521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09915	8.8904	.00613	-.00105	37.092	.00074	.03958
Stddev	.00030	.0205	.00036	.00044	.087	.00021	.00013
%RSD	.30372	.23082	5.8388	41.526	.23456	28.109	.33325

#1	.09921	8.9098	.00653	-.00113	37.074	.00086	.03969
#2	.09882	8.8689	.00586	-.00058	37.187	.00050	.03962
#3	.09941	8.8925	.00598	-.00145	37.016	.00087	.03943

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0982	-.00007	.14188	F 10.916	F 10.174	-.00445	.03371
Stddev	.0089	.00012	.01271	.035	.089	.00090	.00535
%RSD	.17454	176.10	8.9574	.32144	.87939	20.235	15.872

#1	5.1076	-.00015	.12837	10.922	10.071	-.00449	.03150
#2	5.0971	-.00011	.14368	10.948	10.227	-.00353	.02981
#3	5.0899	.00007	.15360	10.878	10.225	-.00533	.03981

Sample Name: K3284-18 Acquired: 6/13/2019 23:02:09 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-MW202I Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.0047	.24059	4.2883	F<.00000
Stddev	.00083	.0023	.00162	.1318	1.4680
%RSD	49.342	48.37	.67410	3.0726	32.043
#1	.00112	.0052	.23893	4.2511	-2.9752
#2	.00130	.0066	.24069	4.4347	-4.9151
#3	.00265	.0022	.24217	4.1791	-5.8537
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.3	35107.	3382.0	59.343	2791.7
Stddev	8.4	97.	24.4	1.415	12.3
%RSD	.34689	.27578	.72178	2.3847	.44204
#1	2418.9	34997.	3409.0	60.457	2781.0
#2	2431.1	35180.	3375.2	57.750	2789.0
#3	2435.0	35145.	3361.7	59.822	2805.2

Sample Name: K3284-19 Acquired: 6/13/2019 23:06:33 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	-.00040	.00477	.00344	.00104	.00106	.13178
Stddev	.00113	.00076	.00047	.00101	.00144	.01534	.00097
%RSD	91.232	190.14	9.7975	29.312	138.76	1448.2	.73988

#1	.00118	-.00021	.00527	.00400	-.00062	-.01586	.13145
#2	.00014	-.00124	.00471	.00405	.00179	.01406	.13287
#3	.00240	.00025	.00434	.00228	.00194	.00498	.13101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00025	32.977	.01771	.00281	.00137	.02144
Stddev	.00008	.00005	.222	.00013	.00007	.00026	.00070
%RSD	102.83	20.227	.67283	.74522	2.3573	19.053	3.2423

#1	-.00001	-.00031	32.767	.01787	.00288	.00131	.02081
#2	.00012	-.00024	33.209	.01764	.00279	.00114	.02219
#3	.00012	-.00021	32.954	.01763	.00275	.00166	.02133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05911	8.2393	-.00034	-.00112	130.02	-.00031	.01901
Stddev	.00029	.0112	.00006	.00044	.20	.00017	.00010
%RSD	.48607	.13646	17.819	38.940	.15488	55.588	.53760

#1	.05880	8.2263	-.00040	-.00072	129.83	-.00050	.01892
#2	.05916	8.2452	-.00033	-.00159	130.23	-.00027	.01899
#3	.05936	8.2464	-.00028	-.00106	130.01	-.00016	.01912

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5122	.00003	.07105	F 11.999	5.9959	-.00541	-.00033
Stddev	.0408	.00044	.01729	.014	.0101	.00058	.00085
%RSD	.90385	1266.3	24.329	.11670	.16851	10.704	258.57

#1	4.4966	-.00010	.05517	12.014	6.0030	-.00517	-.00101
#2	4.5585	-.00032	.06852	11.997	6.0003	-.00498	.00062
#3	4.4815	.00052	.08946	11.986	5.9843	-.00606	-.00059

Sample Name: K3284-19 Acquired: 6/13/2019 23:06:33 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-MH-SW4001 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.0017	.27842	5.0156	F<.00000
Stddev	.00135	.0004	.00068	.1811	.65336
%RSD	301.73	25.10	.24273	3.6101	8.1975

#1	-.00198	-.0021	.27815	4.9787	-8.7199
#2	.00005	-.0013	.27918	4.8559	-7.6689
#3	.00058	-.0018	.27791	5.2123	-7.5220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.2	34039.	3354.8	59.148	2686.2
Stddev	11.8	137.	9.8	1.808	16.3
%RSD	.49608	.40267	.29096	3.0560	.60754

#1	2374.6	33889.	3343.8	60.603	2670.9
#2	2376.2	34070.	3358.5	59.717	2684.1
#3	2395.8	34158.	3362.2	57.125	2703.4

Sample Name: K3284-20 Acquired: 6/13/2019 23:10:59 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00067	.00618	.00357	.00331	.70946	.02470
Stddev	.00227	.00072	.00076	.00165	.00082	.00746	.00003
%RSD	6098.5	108.28	12.254	46.357	24.865	1.0512	.12662

#1	-.00075	-.00101	.00704	.00322	.00400	.71222	.02472
#2	.00260	.00016	.00589	.00212	.00352	.70101	.02467
#3	-.00174	-.00115	.00561	.00537	.00240	.71514	.02471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00013	13.098	.00588	.00080	.14038	1.1477
Stddev	.00005	.00004	.032	.00013	.00009	.00098	.0026
%RSD	85.479	30.771	.24552	2.2682	11.707	.69933	.23038

#1	.00002	-.00018	13.135	.00574	.00086	.14094	1.1450
#2	.00012	-.00010	13.084	.00589	.00083	.13925	1.1479
#3	.00005	-.00012	13.075	.00600	.00069	.14095	1.1503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04848	2.3259	.00300	-.00085	27.755	.01535	.18919
Stddev	.00016	.0252	.00019	.00017	.074	.00072	.00021
%RSD	.32745	1.0831	6.2805	20.602	.26685	4.7084	.11199

#1	.04832	2.3101	.00279	-.00069	27.809	.01604	.18894
#2	.04864	2.3127	.00308	-.00103	27.784	.01542	.18933
#3	.04846	2.3550	.00314	-.00081	27.670	.01460	.18930

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7044	.00121	.02293	4.1439	2.3801	-.00208	.03160
Stddev	.0448	.00017	.00916	.0144	.0156	.00074	.00092
%RSD	1.6556	14.346	39.945	.34736	.65361	35.415	2.9207

#1	2.7207	.00124	.02856	4.1447	2.3622	-.00157	.03255
#2	2.6538	.00137	.01236	4.1578	2.3874	-.00293	.03071
#3	2.7388	.00103	.02788	4.1291	2.3906	-.00174	.03154

Sample Name: K3284-20 Acquired: 6/13/2019 23:10:59 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.2866	.06808	3.9565	F<.00000
Stddev	.00031	.0007	.00058	.2567	.44438
%RSD	44.123	.2307	.84766	6.4894	14.101
#1	.00035	.2860	.06755	3.7381	-3.6608
#2	.00090	.2873	.06801	4.2393	-2.8435
#3	.00087	.2864	.06869	3.8919	-2.9499
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.6	35720.	3440.6	59.824	2851.6
Stddev	12.8	247.	19.6	1.037	14.5
%RSD	.51646	.69210	.56868	1.7339	.51015
#1	2469.3	35507.	3460.3	60.969	2838.5
#2	2480.5	35662.	3421.1	59.553	2849.1
#3	2494.9	35991.	3440.5	58.948	2867.2

Sample Name: K3284-21 Acquired: 6/13/2019 23:15:20 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00110	.01006	.00456	.00246	.94925	.02640
Stddev	.00253	.00105	.00043	.00078	.00032	.00849	.00037
%RSD	1594.7	95.583	4.2311	17.008	13.055	.89433	1.4079

#1	.00232	-.00039	.00958	.00389	.00228	.93991	.02623
#2	-.00006	-.00231	.01021	.00541	.00227	.95650	.02682
#3	-.00273	-.00060	.01039	.00438	.00283	.95134	.02614

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00006	14.835	.00709	.00138	.23023	2.0497
Stddev	.00010	.00002	.155	.00028	.00015	.00070	.0039
%RSD	141.05	40.079	1.0427	3.9587	10.985	.30372	.18906

#1	.00004	-.00003	14.658	.00690	.00120	.23029	2.0510
#2	-.00001	-.00008	14.902	.00695	.00145	.23090	2.0528
#3	.00018	-.00006	14.945	.00741	.00147	.22950	2.0454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06732	2.3572	.00273	-.00077	64.445	.01187	.28294
Stddev	.00024	.0170	.00023	.00021	.282	.00030	.00072
%RSD	.36353	.71949	8.3157	27.356	.43734	2.4986	.25362

#1	.06759	2.3376	.00272	-.00098	64.131	.01221	.28377
#2	.06713	2.3656	.00251	-.00079	64.529	.01169	.28246
#3	.06722	2.3682	.00296	-.00055	64.676	.01170	.28260

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3797	.00194	.03245	3.4630	2.4662	-.00076	.04326
Stddev	.0624	.00015	.00718	.0101	.0216	.00045	.00200
%RSD	2.6219	7.5633	22.118	.29152	.87536	58.929	4.6250

#1	2.3077	.00200	.03892	3.4742	2.4911	-.00067	.04247
#2	2.4135	.00206	.02473	3.4546	2.4530	-.00037	.04178
#3	2.4179	.00178	.03369	3.4603	2.4545	-.00125	.04554

Sample Name: K3284-21 Acquired: 6/13/2019 23:15:20 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4003 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.3389	.07400	4.0881	F<.00000
Stddev	.00206	.0035	.00041	.1681	.84707
%RSD	392.56	1.019	.54871	4.1128	23.319
#1	-.00266	.3409	.07369	3.9024	-4.5944
#2	.00145	.3409	.07386	4.2301	-3.3056
#3	-.00036	.3350	.07446	4.1316	-2.9978
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.8	35082.	3436.6	59.214	2770.1
Stddev	9.0	96.	15.9	.352	14.3
%RSD	.36906	.27271	.46347	.59429	.51669
#1	2421.5	34983.	3418.2	59.239	2753.6
#2	2436.0	35089.	3446.4	59.553	2779.5
#3	2437.9	35174.	3445.2	58.851	2777.2

Sample Name: K3284-22 Acquired: 6/13/2019 23:19:41 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	-.00172	.00994	.00355	.00157	.72583	.02114
Stddev	.00110	.00135	.00028	.00135	.00236	.00825	.00048
%RSD	74.970	78.475	2.8194	37.932	150.32	1.1368	2.2871

#1	-.00086	-.00208	.00997	.00217	-.00099	.72001	.02111
#2	-.00273	-.00022	.00965	.00363	.00204	.72220	.02068
#3	-.00080	-.00284	.01021	.00486	.00366	.73527	.02164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00014	12.228	.00585	.00066	.03591	1.6161
Stddev	.00007	.00003	.114	.00034	.00022	.00024	.0039
%RSD	63.077	23.479	.92891	5.7948	32.738	.68200	.24038

#1	.00007	.00013	12.115	.00578	.00086	.03618	1.6120
#2	.00008	.00011	12.227	.00621	.00043	.03581	1.6166
#3	.00020	.00017	12.343	.00555	.00069	.03572	1.6197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05848	2.0916	.00346	-.00081	22.512	.00807	.23186
Stddev	.00024	.0277	.00033	.00059	.201	.00022	.00084
%RSD	.40271	1.3230	9.5540	72.707	.89226	2.6959	.36403

#1	.05823	2.1034	.00362	-.00100	22.372	.00815	.23088
#2	.05869	2.0600	.00308	-.00128	22.421	.00783	.23238
#3	.05852	2.1115	.00367	-.00015	22.742	.00824	.23231

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7753	.00845	.00981	3.5892	1.9890	-.00170	.02937
Stddev	.0171	.00022	.02167	.0113	.0149	.00057	.00050
%RSD	.96434	2.5714	220.99	.31534	.74772	33.371	1.7048

#1	1.7900	.00820	.02350	3.5849	1.9816	-.00195	.02934
#2	1.7795	.00858	.02109	3.5806	2.0061	-.00210	.02988
#3	1.7565	.00857	-.01518	3.6020	1.9792	-.00105	.02888

Sample Name: K3284-22 Acquired: 6/13/2019 23:19:41 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4004 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.2318	.04435	3.1805	F<.00000
Stddev	.00173	.0011	.00050	.1816	.96136
%RSD	991.57	.4664	1.1348	5.7093	73.086
#1	-.00087	.2323	.04378	3.0639	-.32015
#2	-.00077	.2325	.04456	3.0879	-1.3872
#3	.00217	.2305	.04472	3.3898	-2.2389
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.4	35754.	3436.7	59.802	2829.0
Stddev	9.4	81.	8.7	2.257	4.0
%RSD	.38019	.22649	.25405	3.7734	.14018
#1	2456.2	35687.	3442.6	60.863	2829.9
#2	2460.0	35844.	3426.7	57.211	2824.6
#3	2474.0	35732.	3440.9	61.333	2832.4

Sample Name: CCV11 Acquired: 6/13/2019 23:24:04 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15113 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0170	5.2357	5.1373	5.0519	5.0480	10.065	9.8109
Stddev	.0082	.0138	.0058	.0078	.0065	.042	.0416
%RSD	.16431	.26431	.11353	.15447	.12803	.42065	.42404

#1	5.0159	5.2418	5.1401	5.0568	5.0457	10.113	9.8514
#2	5.0093	5.2198	5.1413	5.0429	5.0430	10.049	9.7682
#3	5.0257	5.2454	5.1306	5.0560	5.0553	10.033	9.8129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25767	2.5787	25.340	1.0429	2.5567	1.2764	5.3003
Stddev	.00097	.0002	.036	.0022	.0027	.0018	.0151
%RSD	.37615	.00764	.14124	.21078	.10754	.14196	.28562

#1	.25852	2.5790	25.322	1.0417	2.5535	1.2747	5.3021
#2	.25789	2.5786	25.381	1.0454	2.5587	1.2783	5.3145
#3	.25662	2.5786	25.317	1.0415	2.5578	1.2764	5.2844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6351	25.352	2.6181	1.2757	24.886	2.6450	2.5086
Stddev	.0072	.146	.0042	.0018	.066	.0035	.0023
%RSD	.27463	.57483	.16167	.14259	.26326	.13105	.09023

#1	2.6403	25.269	2.6133	1.2777	24.927	2.6490	2.5060
#2	2.6382	25.521	2.6199	1.2753	24.810	2.6434	2.5095
#3	2.6268	25.268	2.6212	1.2741	24.920	2.6426	2.5102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.911	5.1465	5.0671	5.2370	5.3764	5.1616	5.2482
Stddev	.055	.0047	.0284	.0143	.0426	.0024	.0020
%RSD	.21904	.09066	.56092	.27328	.79157	.04595	.03782

#1	24.889	5.1433	5.0848	5.2355	5.3274	5.1589	5.2475
#2	24.871	5.1445	5.0821	5.2235	5.4045	5.1627	5.2505
#3	24.973	5.1519	5.0343	5.2521	5.3971	5.1633	5.2467

Sample Name: CCV11 Acquired: 6/13/2019 23:24:04 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15113 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.3428	5.232	5.2476	F 5.6908	F<.00000
Stddev	.0229	.003	.0206	.3967	.50229
%RSD	.42889	.0628	.39280	6.9700	459.48

#1	5.3311	5.229	5.2294	6.1212	.04893
#2	5.3282	5.230	5.2434	5.3398	.29479
#3	5.3692	5.235	5.2700	5.6115	-.67168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.2	33655.	3300.0	56.447	2532.0
Stddev	4.4	31.	15.5	.855	3.4
%RSD	.18604	.09145	.47026	1.5145	.13378

#1	2355.5	33630.	3316.8	55.813	2535.9
#2	2351.4	33690.	3297.1	56.108	2530.1
#3	2346.8	33645.	3286.2	57.419	2529.9

Sample Name: CCB11 Acquired: 6/13/2019 23:28:04 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15113 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.00197	.00181	.00209	.00137	.00879	.00035
Stddev	.00127	.00112	.00028	.00119	.00159	.01158	.00071
%RSD	94.524	56.598	15.412	56.650	116.40	131.83	206.42

#1	.00089	.00310	.00151	.00294	.00202	.01078	.00009
#2	.00036	.00087	.00188	.00260	-.00045	.01925	.00115
#3	.00279	.00194	.00206	.00074	.00252	-.00366	-.00020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00010	.00038	-.00017	-.00013	.00008	.00193
Stddev	.00003	.00002	.01014	.00018	.00011	.00038	.00009
%RSD	237.75	14.852	2677.5	103.25	84.205	459.08	4.8791

#1	-.00004	-.00008	-.00958	-.00035	-.00016	.00022	.00202
#2	.00002	-.00011	.00004	.00001	-.00001	-.00035	.00195
#3	-.00001	-.00011	.01068	-.00019	-.00022	.00038	.00183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.02189	-.00086	-.00029	-.11851	-.00023	-.00061
Stddev	.00005	.03167	.00019	.00022	.00660	.00022	.00013
%RSD	22.971	144.69	22.308	75.864	5.5715	92.941	21.071

#1	.00029	.05807	-.00064	-.00045	-.12253	-.00044	-.00052
#2	.00019	.00838	-.00096	-.00004	-.12212	-.00000	-.00055
#3	.00021	-.00079	-.00098	-.00039	-.11089	-.00027	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00493	.00083	.01404	F -.02080	-.00154	-.00082	.00184
Stddev	.00903	.00033	.01086	.00131	.00138	.00043	.00101
%RSD	183.09	40.109	77.346	6.2978	89.878	52.926	54.724

#1	-.00234	.00121	.02642	-.02200	-.00097	-.00130	.00068
#2	.00209	.00063	.00611	-.02101	-.00053	-.00046	.00250
#3	.01505	.00064	.00959	-.01940	-.00311	-.00069	.00234

Sample Name: CCB11 Acquired: 6/13/2019 23:28:04 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15113 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.0017	.00007	F 3.9214	F<.00000
Stddev	.00123	.0006	.00014	.1104	1.1099
%RSD	81.602	36.47	200.10	2.8141	29.949
#1	-.00009	.0020	.00017	3.8491	-2.9665
#2	-.00225	.0022	-.00009	3.8667	-3.1691
#3	-.00218	.0010	.00014	4.0485	-4.9822
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.7	35221.	3316.3	58.958	2856.0
Stddev	2.2	31.	22.5	.938	3.7
%RSD	.09059	.08874	.67810	1.5915	.12862
#1	2437.4	35211.	3295.9	58.400	2857.4
#2	2439.7	35256.	3312.6	58.433	2858.8
#3	2441.9	35196.	3340.4	60.042	2851.8

Sample Name: K3294-05 Acquired: 6/13/2019 23:32:34 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11351	-.03011	.27739	-.02074	.01068	431.42	.64811	.03287
Stddev	.00119	.00342	.00110	.00038	.00138	.42	.00106	.00022
%RSD	1.0457	11.375	.39517	1.8437	12.903	.09813	.16422	.67170
#1	.11458	-.03400	.27863	-.02038	.01158	431.17	.64929	.03282
#2	.11371	-.02877	.27657	-.02114	.00909	431.91	.64784	.03311
#3	.11223	-.02755	.27696	-.02069	.01136	431.18	.64721	.03268
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00419	106.51	.90997	.10639	.73128	256.31	1.7103	19.541
Stddev	.00020	.21	.00029	.00039	.00198	1.36	.0021	.027
%RSD	4.8685	.19579	.03221	.37041	.27111	.53009	.12021	.14001
#1	.00402	106.64	.91020	.10678	.73337	257.79	1.7084	19.560
#2	.00441	106.61	.91006	.10640	.73104	256.04	1.7124	19.510
#3	.00413	106.27	.90964	.10599	.72943	255.11	1.7100	19.553
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65200	-.03158	18.287	.37085	1.0692	12.828	.12081	.14928
Stddev	.00148	.00035	.032	.00023	.0070	.024	.00054	.00311
%RSD	.22715	1.0941	.17680	.06275	.65140	.18342	.44315	2.0830
#1	.65029	-.03150	18.301	.37080	1.0669	12.842	.12047	.15286
#2	.65291	-.03196	18.311	.37111	1.0770	12.841	.12143	.14780
#3	.65280	-.03129	18.251	.37065	1.0636	12.800	.12054	.14719
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4991	F 74.260	.03019	5.9199	.21118	F 16.21	-.08838	<.00000
Stddev	.0082	.772	.00043	.0382	.00196	.09	.00316	.19757
%RSD	.14967	1.0402	1.4357	.64543	.92590	.5261	3.5775	2.7956
#1	5.4916	73.433	.03046	5.8827	.20893	16.20	-.09184	-6.8796
#2	5.5079	74.383	.02969	5.9178	.21215	16.30	-.08767	-7.2735
#3	5.4977	74.963	.03042	5.9590	.21246	16.13	-.08564	-7.0486

Sample Name: K3294-05 Acquired: 6/13/2019 23:32:34 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 431.31
Stddev .83
%RSD .19273

#1 430.67
#2 432.25
#3 430.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.5	44554.	4608.6	56.519	2408.9
Stddev	12.7	281.	15.3	1.526	11.7
%RSD	.39786	.63026	.33126	2.7006	.48668

#1	3185.0	44246.	4617.7	54.950	2410.8
#2	3168.8	44622.	4617.1	56.607	2396.3
#3	3193.7	44795.	4591.0	57.999	2419.5

Sample Name: K3294-06 Acquired: 6/13/2019 23:36:59 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06162	-.02324	.13382	-.00458	.01013	284.34	.41181	.02015
Stddev	.00227	.00021	.00158	.00139	.00015	1.57	.00136	.00022
%RSD	3.6807	.90526	1.1841	30.337	1.4802	.55145	.32934	1.0863
#1	.06276	-.02331	.13227	-.00492	.01027	283.18	.41136	.02002
#2	.05901	-.02301	.13544	-.00306	.01015	283.73	.41072	.02040
#3	.06309	-.02341	.13374	-.00577	.00997	286.12	.41333	.02002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00420	83.830	.26932	.09568	.39979	180.00	2.1418	16.215
Stddev	.00026	.258	.00054	.00066	.00144	.58	.0018	.119
%RSD	6.1952	.30738	.20066	.69017	.36068	.32484	.08576	.73603
#1	-.00397	83.539	.26948	.09640	.40102	179.68	2.1402	16.096
#2	-.00448	83.923	.26871	.09552	.40015	180.68	2.1438	16.214
#3	-.00414	84.028	.26976	.09511	.39821	179.66	2.1414	16.335
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29122	-.01888	121.01	.21141	.37376	11.840	.02851	.15374
Stddev	.00052	.00043	.60	.00163	.00064	.095	.00054	.01458
%RSD	.17903	2.2636	.49197	.77239	.17244	.80377	1.9032	9.4816
#1	.29096	-.01878	120.52	.20981	.37315	11.743	.02823	.15808
#2	.29089	-.01851	120.84	.21135	.37370	11.842	.02914	.16565
#3	.29182	-.01935	121.68	.21308	.37443	11.933	.02817	.13748
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.595	F 60.684	.01253	5.8400	.11535	7.513	.17671	<.00000
Stddev	.033	.369	.00062	.0221	.00338	.011	.00121	.36474
%RSD	.26463	.60869	4.9535	.37873	2.9266	.1485	.68446	127.72
#1	12.632	60.742	.01274	5.8149	.11146	7.525	.17584	-.30312
#2	12.567	61.021	.01183	5.8565	.11704	7.509	.17809	.08762
#3	12.587	60.289	.01301	5.8488	.11755	7.504	.17620	-.64123

Sample Name: K3294-06 Acquired: 6/13/2019 23:36:59 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 208.27
 Stddev .64
 %RSD .30841

#1 207.53
 #2 208.66
 #3 208.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2782.2	38942.	3969.8	55.869	2457.1
Stddev	21.6	25.	30.2	1.026	17.6
%RSD	.77586	.06543	.76195	1.8367	.71787

#1	2770.3	38971.	3973.0	55.941	2445.7
#2	2769.1	38928.	3938.1	54.808	2448.2
#3	2807.1	38926.	3998.3	56.857	2477.4

Sample Name: CCV12 Acquired: 6/13/2019 23:41:27 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15114 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9902	5.2184	5.1148	5.0283	5.0318	10.023	9.7784
Stddev	.0101	.0029	.0162	.0052	.0113	.072	.0316
%RSD	.20218	.05653	.31745	.10407	.22441	.71884	.32323

#1	4.9945	5.2152	5.1320	5.0336	5.0446	9.9403	9.7431
#2	4.9786	5.2189	5.0998	5.0280	5.0234	10.065	9.8041
#3	4.9973	5.2211	5.1126	5.0232	5.0273	10.065	9.7878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25741	2.5702	25.303	1.0397	2.5488	1.2730	5.2885
Stddev	.00024	.0036	.156	.0026	.0064	.0044	.0076
%RSD	.09271	.14068	.61579	.24817	.24997	.34553	.14431

#1	.25765	2.5736	25.124	1.0402	2.5535	1.2771	5.2970
#2	.25718	2.5664	25.384	1.0420	2.5415	1.2684	5.2862
#3	.25740	2.5706	25.403	1.0369	2.5513	1.2735	5.2822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6336	25.156	2.6155	1.2673	24.861	2.6464	2.4925
Stddev	.0031	.175	.0034	.0021	.080	.0016	.0057
%RSD	.11767	.69429	.12806	.16572	.32262	.06028	.22755

#1	2.6316	24.955	2.6165	1.2650	24.775	2.6462	2.4986
#2	2.6372	25.257	2.6118	1.2689	24.934	2.6482	2.4873
#3	2.6321	25.257	2.6182	1.2682	24.874	2.6450	2.4917

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.925	5.1255	5.0644	5.2051	F 5.7368	5.1392	5.2284
Stddev	.065	.0089	.0203	.0145	.0082	.0024	.0283
%RSD	.26264	.17449	.40052	.27883	.14310	.04722	.54129

#1	24.864	5.1350	5.0421	5.2182	5.7353	5.1400	5.2040
#2	24.994	5.1172	5.0818	5.2075	5.7457	5.1411	5.2217
#3	24.917	5.1244	5.0692	5.1895	5.7295	5.1365	5.2594

Sample Name: CCV12 Acquired: 6/13/2019 23:41:27 Type: Unk
 Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15114 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.3429	5.207	5.2327	F 6.1752	F<.00000
Stddev	.0277	.022	.0210	.1120	.72237
%RSD	.51863	.4250	.40154	1.8131	51.484
#1	5.3122	5.232	5.2093	6.1784	-1.2672
#2	5.3659	5.192	5.2390	6.2856	-.75832
#3	5.3507	5.196	5.2499	6.0617	-2.1838
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.5	33718.	3305.1	55.428	2538.0
Stddev	8.3	64.	2.5	.535	8.3
%RSD	.35036	.18960	.07588	.96587	.32888
#1	2347.3	33680.	3303.7	54.847	2529.2
#2	2363.4	33682.	3303.5	55.902	2545.8
#3	2358.6	33792.	3308.0	55.536	2539.0

Sample Name: CCB12 Acquired: 6/13/2019 23:45:27 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15114 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00152	.00174	.00073	.00077	.00463	.00021
Stddev	.00041	.00163	.00143	.00168	.00044	.00121	.00033
%RSD	97.880	107.52	81.872	230.72	57.233	26.142	161.95

#1	.00052	.00142	.00201	.00263	.00097	.00409	.00020
#2	.00078	-.00006	.00302	-.00059	.00107	.00602	-.00013
#3	-.00003	.00320	.00020	.00015	.00026	.00379	.00054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00010	.00529	-.00013	-.00021	-.00010	.00318
Stddev	.00002	.00001	.00407	.00035	.00014	.00009	.00077
%RSD	88.980	12.620	76.902	277.82	63.812	98.767	24.205

#1	-.00001	-.00009	.00999	-.00032	-.00036	.00000	.00401
#2	-.00004	-.00010	.00302	-.00034	-.00018	-.00010	.00302
#3	-.00001	-.00011	.00287	.00028	-.00010	-.00019	.00250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00044	-.00078	-.00048	-.13798	-.00032	-.00059
Stddev	.00003	.02750	.00009	.00054	.00633	.00020	.00002
%RSD	13.296	6293.1	11.014	113.12	4.5858	60.511	4.0717

#1	.00023	.03213	-.00073	-.00097	-.13247	-.00019	-.00057
#2	.00028	-.01370	-.00088	-.00058	-.14489	-.00055	-.00061
#3	.00022	-.01712	-.00073	.00011	-.13657	-.00023	-.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01342	.00072	.00505	F -.02375	.01120	-.00041	.00134
Stddev	.00808	.00023	.00843	.00154	.00142	.00042	.00113
%RSD	60.161	32.168	167.08	6.4808	12.706	101.97	84.344

#1	.01387	.00095	-.00462	-.02200	.01216	-.00022	.00214
#2	.00513	.00071	.01092	-.02437	.00957	-.00012	.00005
#3	.02127	.00049	.00883	-.02489	.01188	-.00090	.00183

Sample Name: CCB12 Acquired: 6/13/2019 23:45:27 Type: Unk
Method: P4-ICP2(v3198) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15114 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	.0039	.00012	F 4.1342	F<.00000
Stddev	.00035	.0004	.00015	.0661	.46594
%RSD	18.593	11.06	124.71	1.5994	15.892

#1	-.00153	.0035	.00020	4.2058	-2.5064
#2	-.00222	.0040	.00023	4.0754	-2.8596
#3	-.00187	.0043	-.00005	4.1215	-3.4298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.9	35320.	3328.9	58.661	2881.7
Stddev	10.3	40.	15.9	.736	10.7
%RSD	.41772	.11404	.47840	1.2547	.37161

#1	2477.7	35274.	3312.2	57.817	2894.0
#2	2457.2	35351.	3330.7	59.167	2874.8
#3	2465.6	35334.	3343.9	59.000	2876.2