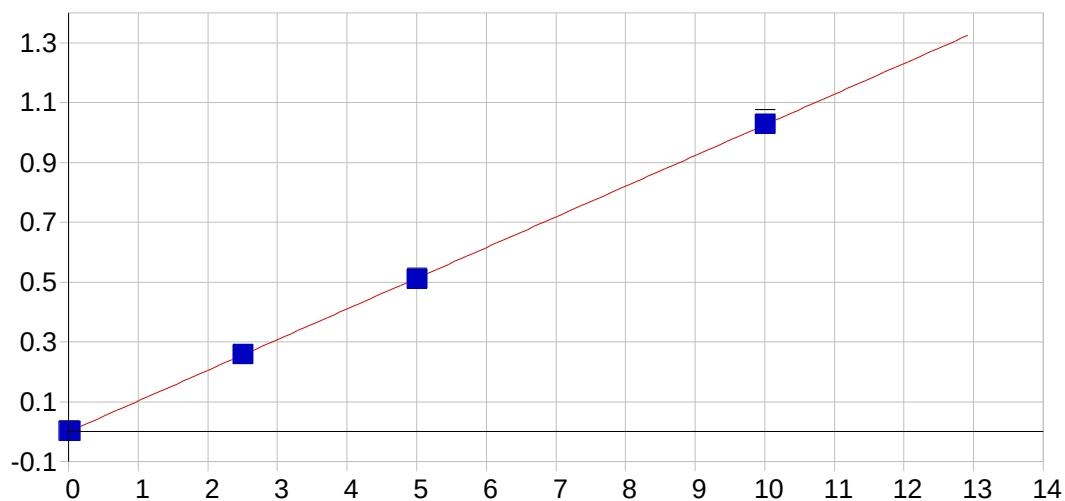




As 189.042 {478}

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000037

Re-Slope: 1.000000

A1 (Gain): 0.102565

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

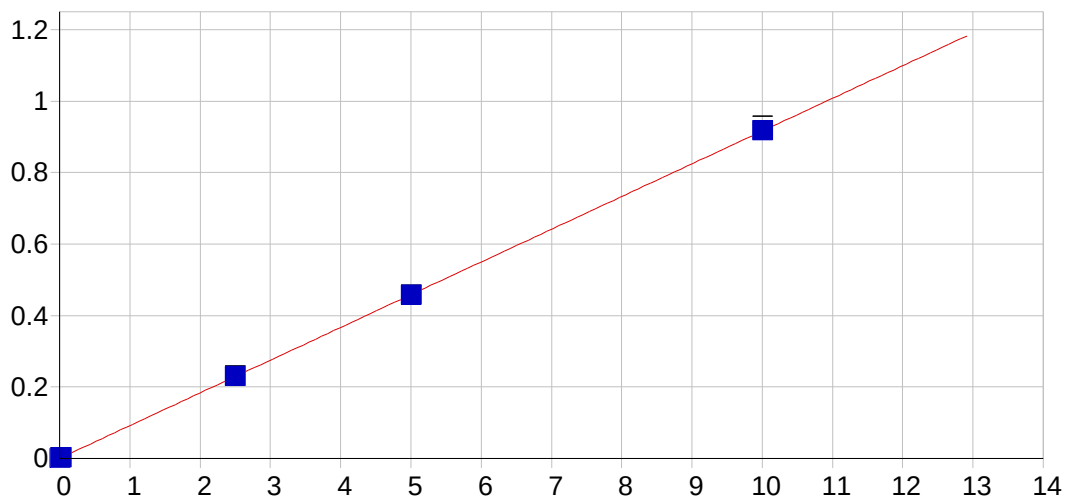
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.002286

Predicted MQL: 0.007620

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.02000	.01635	-.004	-18.3	.00164	.000	1
S3	2.5000	2.5079	.008	.317	.25717	.001	1
S4	5.0000	4.9690	-.031	-.619	.50958	.003	1
S5	10.000	10.027	.027	.267	1.0283	.013	1



As 189.042 {479}

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

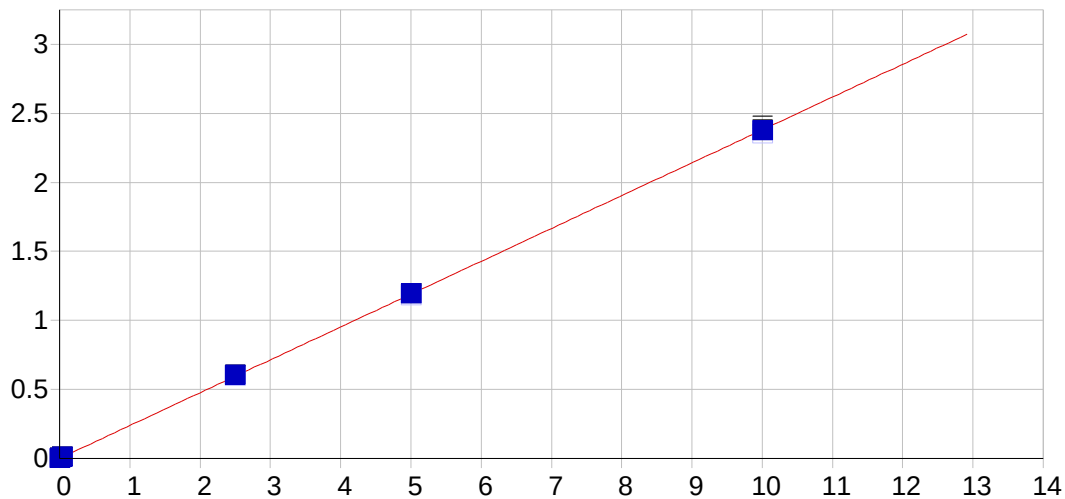
Weighting: 1/Conc

A0 (Offset): 0.000407

Re-Slope: 1.000000

A1 (Gain): 0.091566 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.001865
 Predicted MQL: 0.006217

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	.02000	.02042	.000	2.12	.00228	.000	1
S3	2.5000	2.5041	.004	.165	.22970	.000	1
S4	5.0000	4.9777	-.022	-.445	.45621	.000	1
S5	10.000	10.018	.018	.177	.91771	.011	1

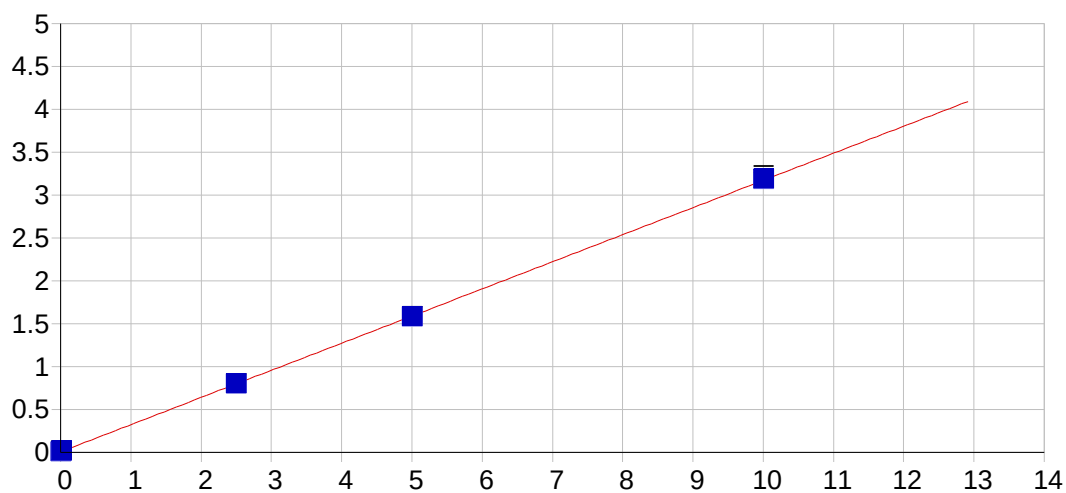


TI 190.856 {477}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000901 Re-Slope: 1.000000
 A1 (Gain): 0.237898 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.000878
 Predicted MQL: 0.002928

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00090	.000	1
S1	.04000	.04210	.002	5.24	.01067	.000	1
S3	2.5000	2.5207	.021	.826	.59446	.001	1
S4	5.0000	5.0064	.006	.127	1.1797	.002	1
S5	10.000	9.9709	-.029	-.291	2.3486	.032	1

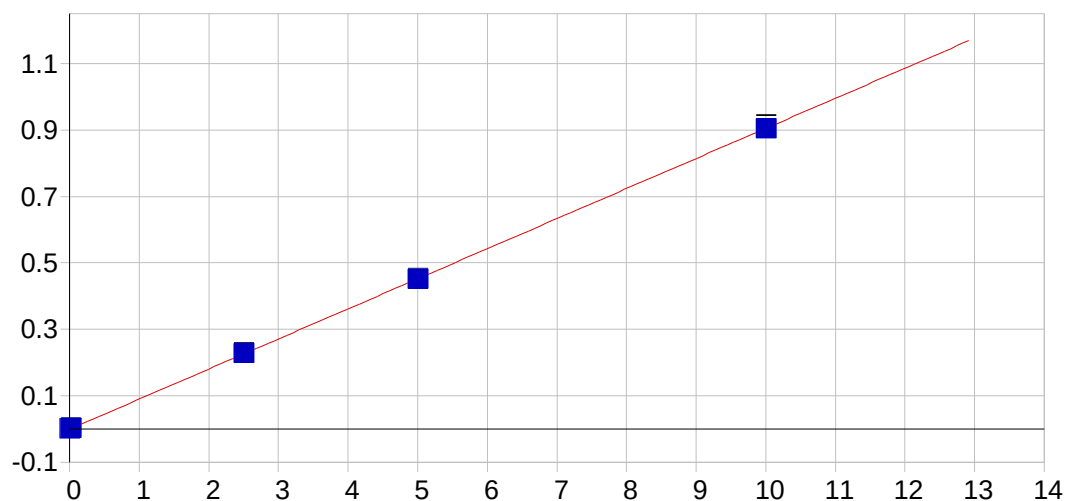


Pb 220.353 {453}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007587 Re-Slope: 1.000000
 A1 (Gain): 0.316370 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.000911
 Predicted MQL: 0.003036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00759	.000	1
S1	.01200	.01370	.002	14.2	.01186	.000	1
S3	2.5000	2.4924	-.008	-.304	.79524	.001	1
S4	5.0000	4.9670	-.033	-.659	1.5773	.004	1
S5	10.000	10.039	.039	.389	3.1801	.040	1



Se 196.090 {472}

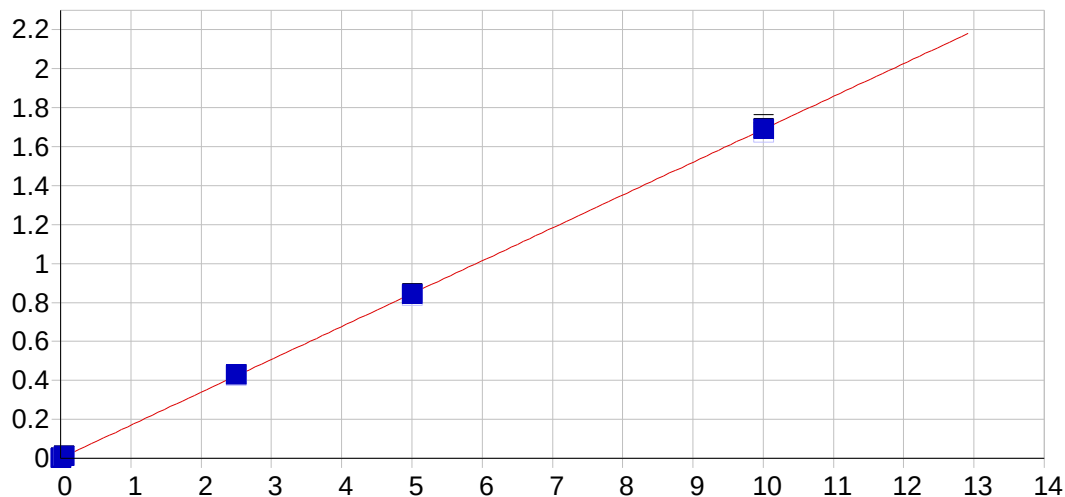
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000334 Re-Slope: 1.000000
 A1 (Gain): 0.090516 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000008
 Predicted MDL: 0.002316
 Predicted MQL: 0.007718

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.02000	.02126	.001	6.32	.00159	.000	1
S3	2.5000	2.5180	.018	.719	.22753	.001	1
S4	5.0000	4.9926	-.007	-.149	.45147	.001	1
S5	10.000	9.9882	-.012	-.118	.90356	.010	1



Sb 206.833 {463}

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

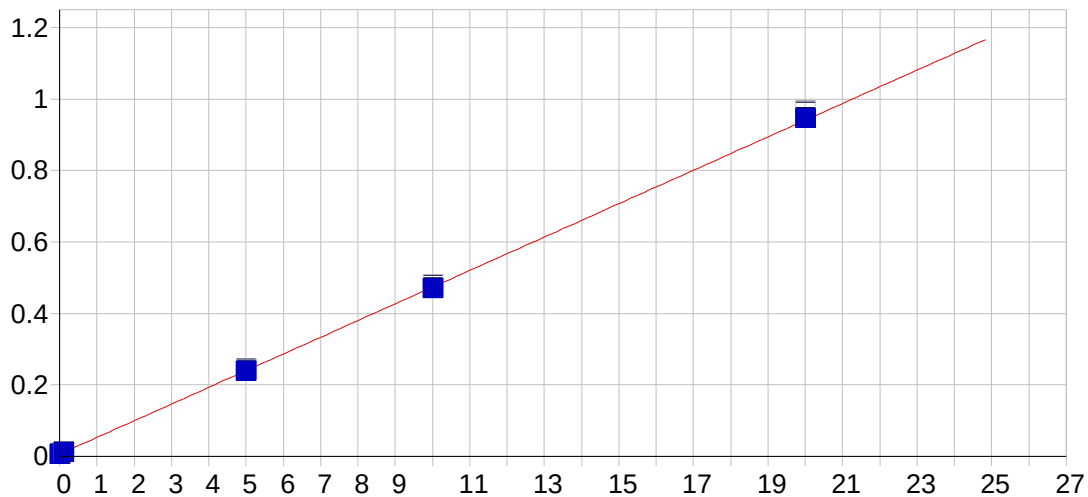
Weighting: 1/Conc

A0 (Offset): 0.001338
 A1 (Gain): 0.168769
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000033
 Predicted MDL: 0.001522
 Predicted MQL: 0.005073

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	.00134	.000	1
S1	.05000	.05378	.004	7.57	.01020	.000	1
S3	2.5000	2.5154	.015	.616	.42111	.000	1
S4	5.0000	4.9790	-.021	-.420	.83215	.004	1
S5	10.000	10.002	.002	.019	1.6704	.021	1

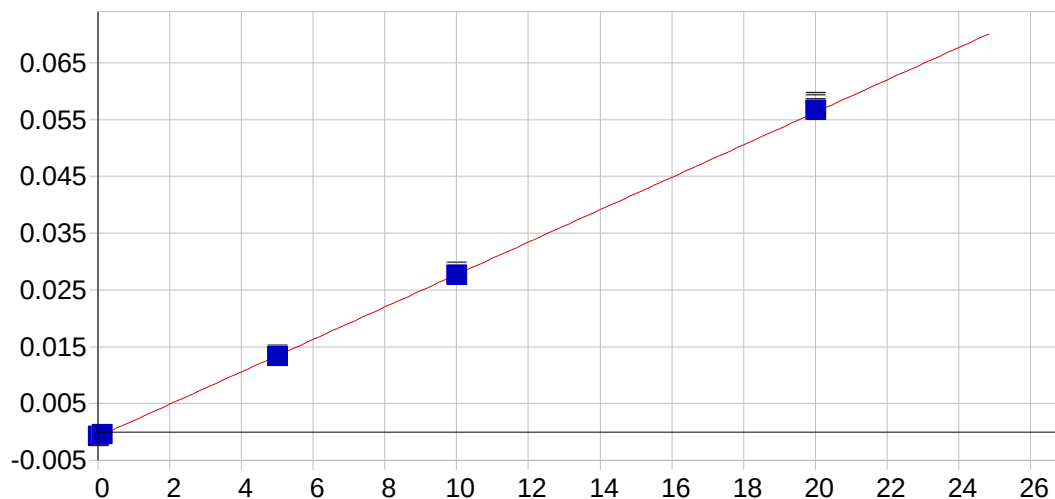


AI 308.215 {109}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006207 Re-Slope: 1.000000
 A1 (Gain): 0.046731 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002518
 Predicted MQL: 0.008394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00621	.000	1
S1	.10000	.10519	.005	5.19	.01145	.000	1
S3	5.0000	4.9753	-.025	-.493	.24336	.000	1
S4	10.000	9.9240	-.076	-.760	.47927	.001	1
S5	20.000	20.095	.095	.476	.96389	.002	1



AI 309.271 {109}

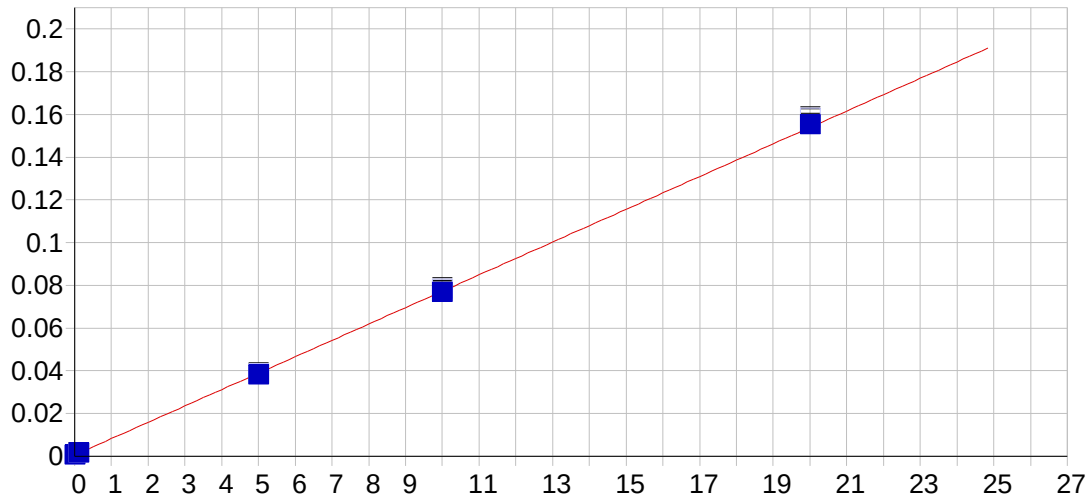
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000843 Re-Slope: 1.000000
 A1 (Gain): 0.002855 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000002
 Predicted MDL: 0.029802
 Predicted MQL: 0.099339

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00084	.000	1
S1	.10000	.10341	.003	3.41	-.00053	.000	1
S3	5.0000	4.9208	-.079	-1.58	.01349	.000	1
S4	10.000	9.9398	-.060	-.602	.02811	.000	1
S5	20.000	20.136	.136	.679	.05779	.000	1



Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

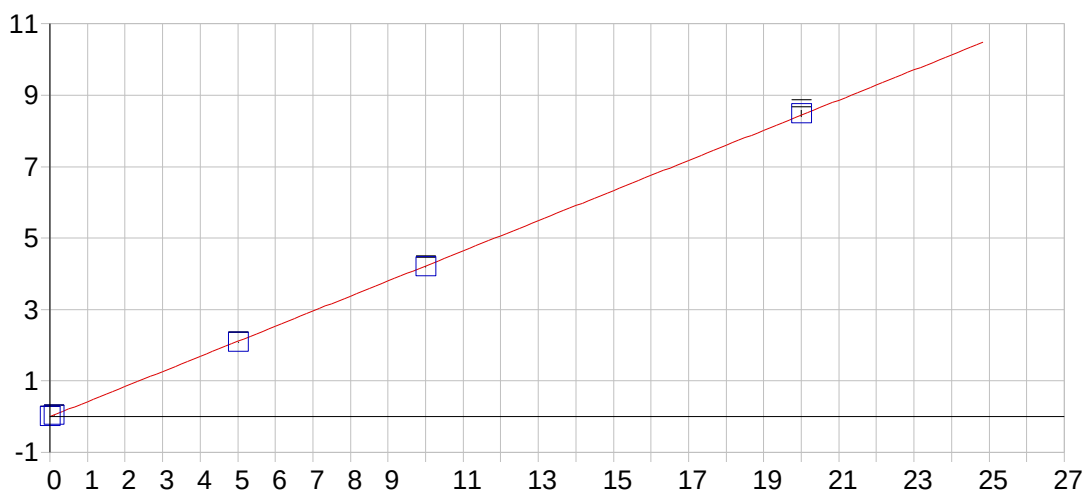
Weighting: 1/Conc

A0 (Offset): 0.000584
 A1 (Gain): 0.007668
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000009
 Predicted MDL: 0.015976
 Predicted MQL: 0.053253

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00058	.000	1
S1	.10000	.11694	.017	16.9	.00153	.000	1
S3	5.0000	4.8833	-.117	-2.33	.03879	.000	1
S4	10.000	9.9282	-.072	-.718	.07824	.001	1
S5	20.000	20.171	.171	.854	.15831	.001	1

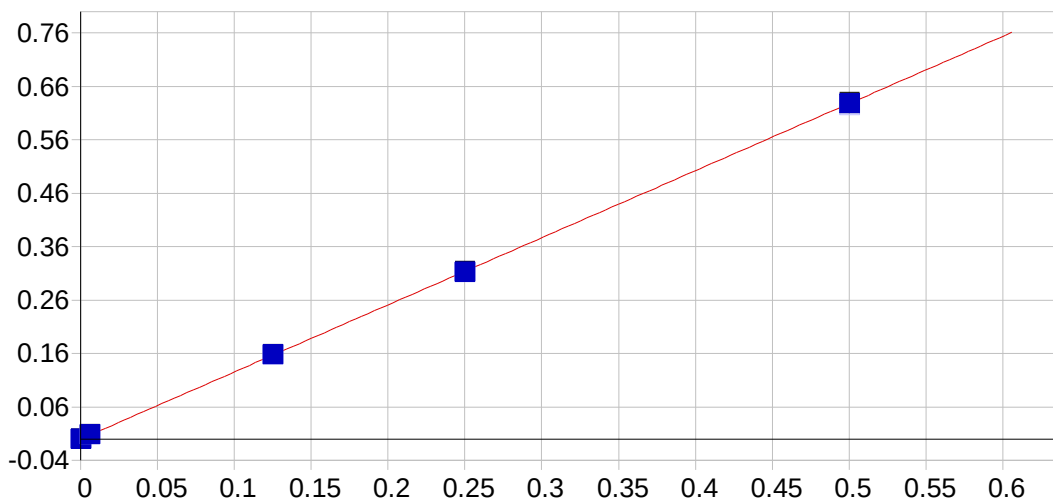


Ba 493.409 { 68}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001058 Re-Slope: 1.000000
 A1 (Gain): 0.422111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000214
 Predicted MDL: 0.000617
 Predicted MQL: 0.002055

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00106	.000	1
S1	.10000	.10546	.005	5.46	.04346	.000	1
S3	5.0000	4.9513	-.049	-.974	2.0889	.002	1
S5	20.000	20.098	.098	.488	8.4823	.097	1
S4	10.000	9.9457	-.054	-.543	4.1971	.025	1



Be 234.861 {144}

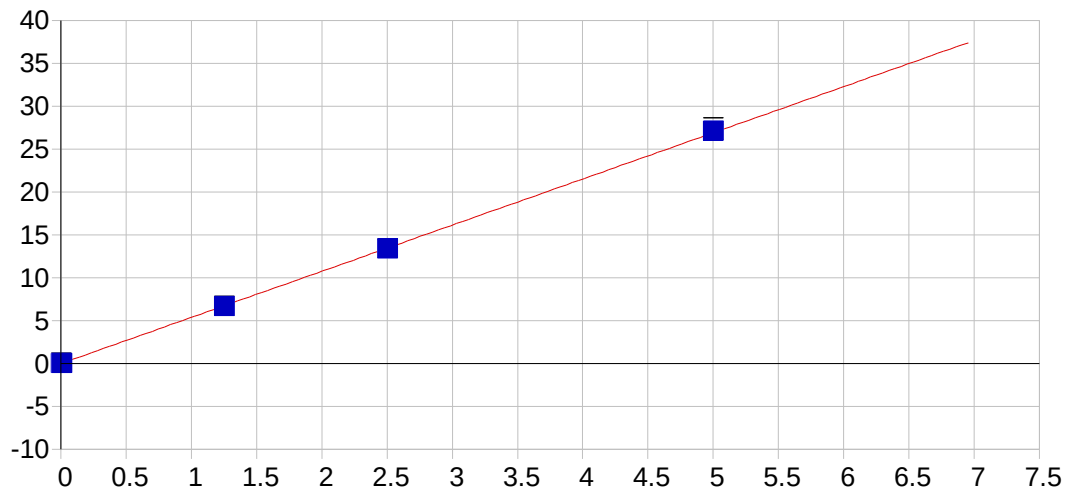
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000305 Re-Slope: 1.000000
 A1 (Gain): 1.256636 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000032
 Predicted MDL: 0.000063
 Predicted MQL: 0.000211

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.00600	.00657	.001	9.49	.00787	.000	1
S3	.12500	.12587	.001	.698	.15688	.000	1
S4	.25000	.24897	-.001	-.411	.31059	.001	1
S5	.50000	.49959	-.000	-.083	.62354	.002	1



Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

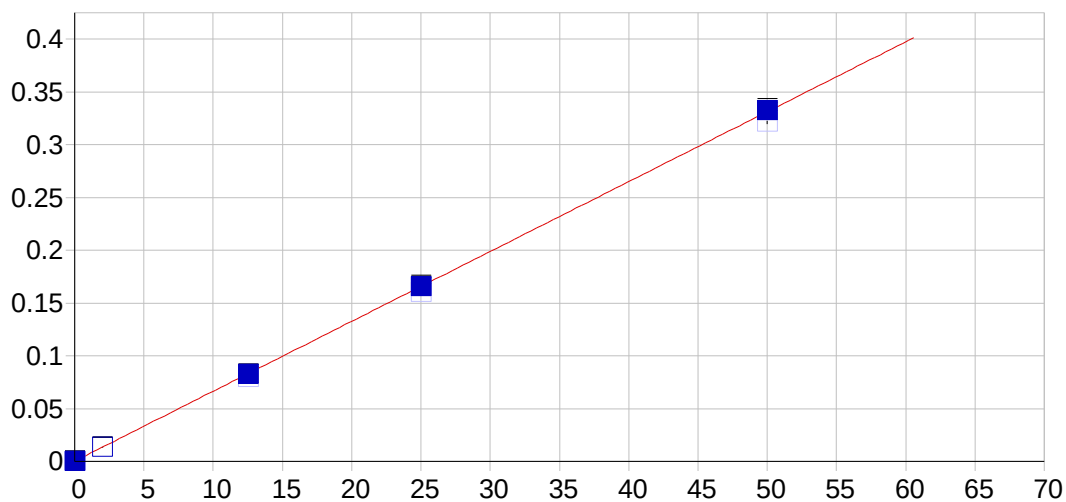
Weighting: 1/Conc

A0 (Offset): -0.002767
 A1 (Gain): 5.381609
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000399
 Predicted MDL: 0.000071
 Predicted MQL: 0.000235

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	-.00277	.000	1
S1	.00600	.00607	.000	1.15	.02996	.000	1
S3	1.2500	1.2363	-.014	-1.10	6.6520	.005	1
S4	2.5000	2.4796	-.020	-.816	13.344	.028	1
S5	5.0000	5.0341	.034	.681	27.095	.354	1

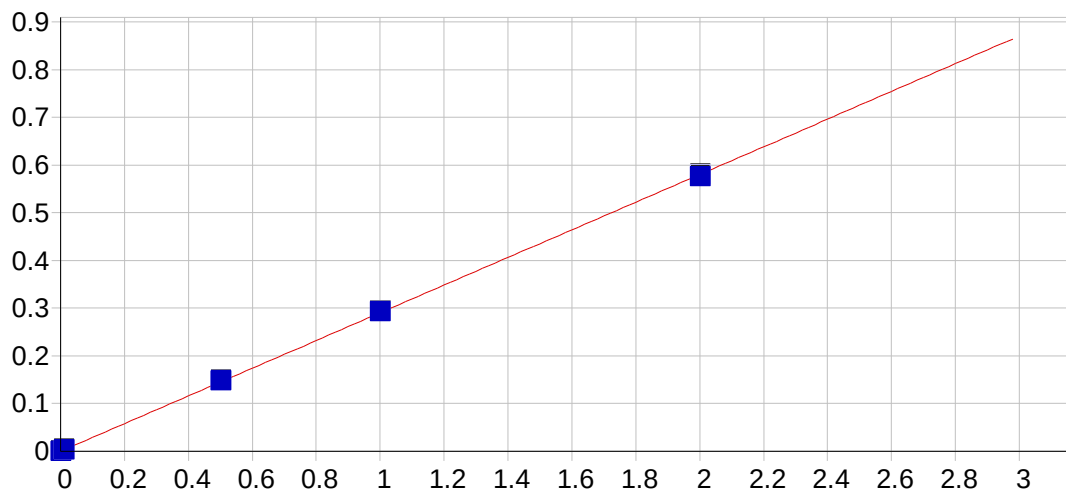


Ca 373.690 { 90}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.006620 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.015325
 Predicted MQL: 0.051083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9910	-.009	-.448	.01342	.000	1
S0	.00000	.00002	.000	.000	.00024	.000	1
S3	12.500	12.402	-.098	-.781	.07959	.000	1
S4	25.000	24.958	-.042	-.169	.15996	.001	1
S5	50.000	50.149	.149	.298	.32121	.002	1



Cr 267.716 {126}

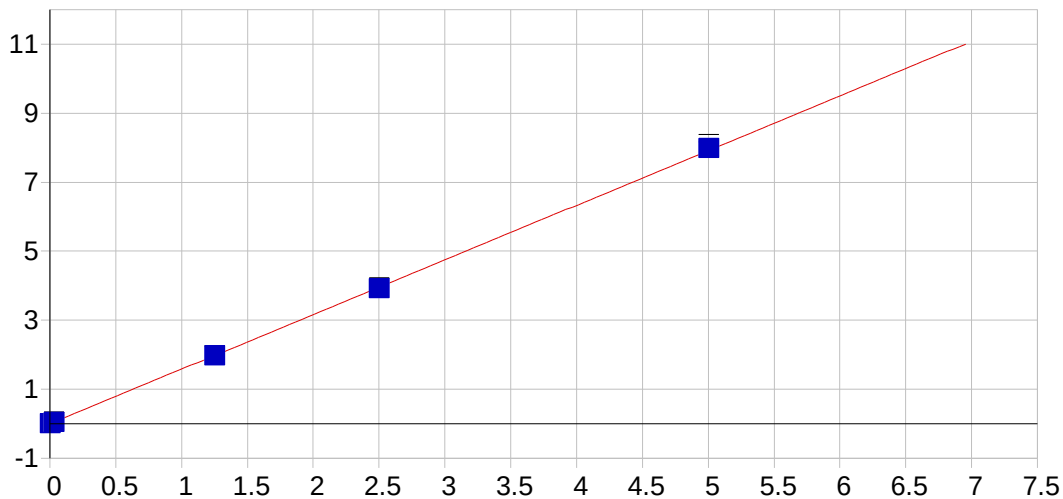
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.290207 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000024
 Predicted MDL: 0.000364
 Predicted MQL: 0.001214

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.01000	.01077	.001	7.70	.00335	.000	1
S3	.50000	.50942	.009	1.88	.14904	.000	1
S4	1.0000	1.0065	.007	.654	.29429	.000	1
S5	2.0000	1.9833	-.017	-.836	.57970	.002	1



Co 228.616 {447}

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

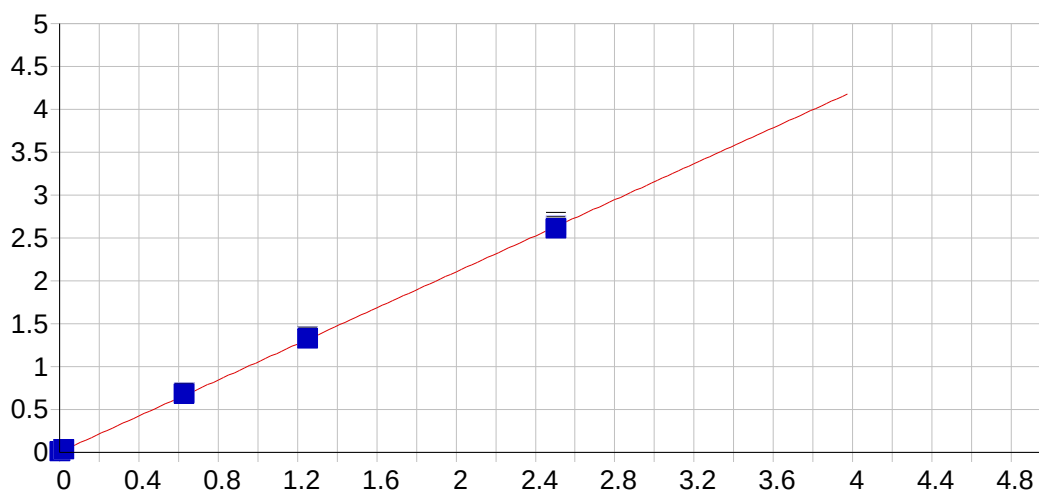
Weighting: 1/Conc

A0 (Offset): -0.000760
 A1 (Gain): 1.583091
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000300
 Predicted MDL: 0.000204
 Predicted MQL: 0.000679

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	-.00076	.000	1
S1	.03000	.02992	-.000	-.267	.04629	.000	1
S3	1.2500	1.2373	-.013	-1.02	1.9596	.002	1
S4	2.5000	2.4735	-.026	-1.06	3.9182	.008	1
S5	5.0000	5.0392	.039	.785	7.9830	.106	1

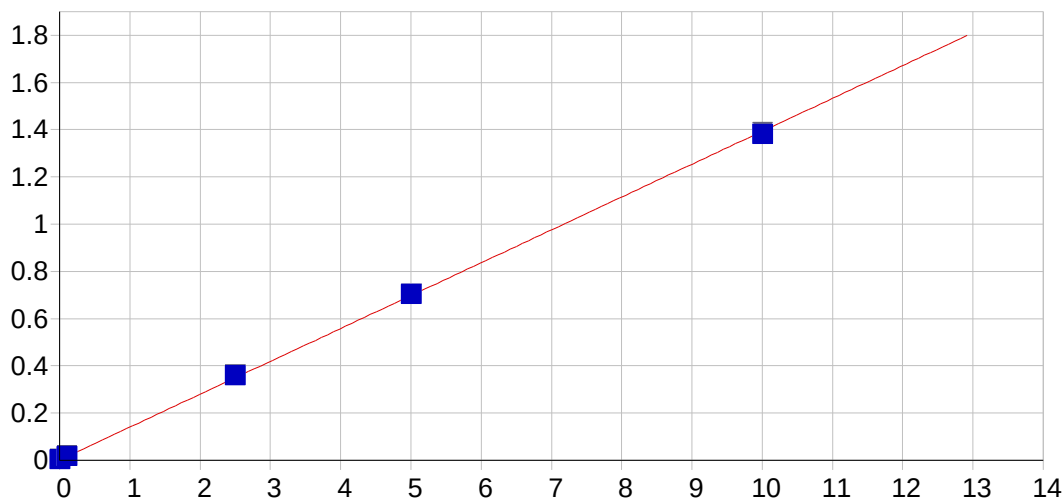


Cu 224.700 {450}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003983 Re-Slope: 1.000000
 A1 (Gain): 1.050600 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000209
 Predicted MDL: 0.000360
 Predicted MQL: 0.001201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00398	.000	1
S1	.02000	.02195	.002	9.73	.02736	.000	1
S3	.62500	.64596	.021	3.35	.69324	.001	1
S4	1.2500	1.2536	.004	.292	1.3423	.004	1
S5	2.5000	2.4734	-.027	-1.06	2.6450	.031	1



Fe 240.488 {140}

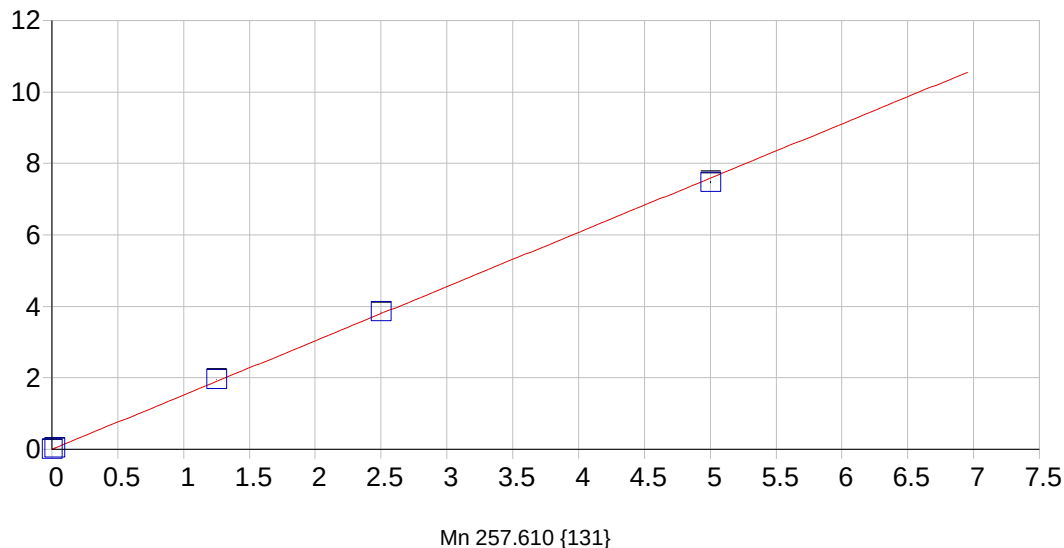
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001475 Re-Slope: 1.000000
 A1 (Gain): 0.139190 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900
 Std Error of Est: 0.000107
 Predicted MDL: 0.000600
 Predicted MQL: 0.002000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00147	.000	1
S1	.10000	.10799	.008	7.99	.01657	.000	1
S3	2.5000	2.5636	.064	2.55	.35961	.001	1
S4	5.0000	5.0318	.032	.636	.70445	.001	1
S5	10.000	9.8966	-.103	-1.03	1.3842	.003	1



Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

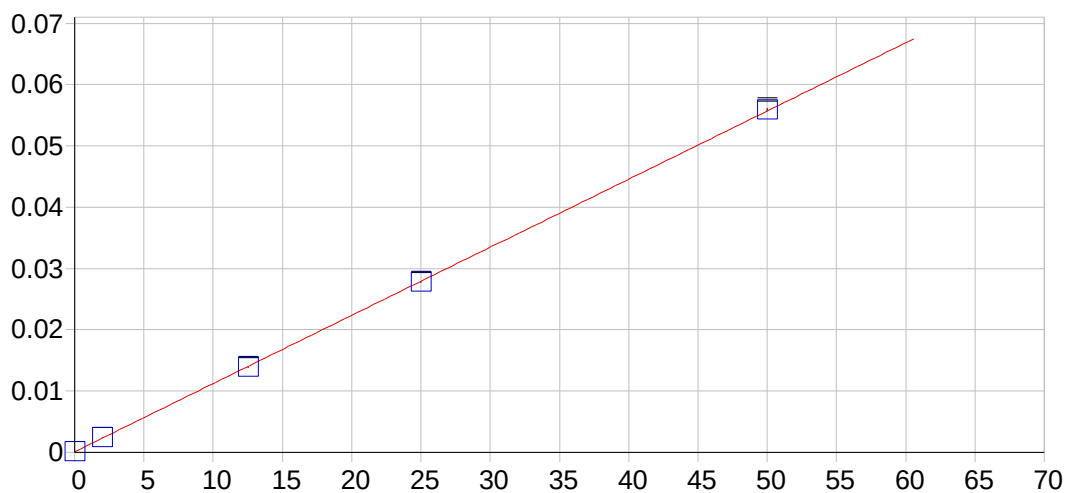
Weighting: 1/Conc

A0 (Offset): 0.000427
 A1 (Gain): 1.517738
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826
 Std Error of Est: 0.000483
 Predicted MDL: 0.000060
 Predicted MQL: 0.000199

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	.00042	.000	1
S1	.02000	.02253	.003	12.7	.03463	.000	1
S3	1.2500	1.2894	.039	3.15	1.9574	.006	1
S4	2.5000	2.5316	.032	1.26	3.8427	.005	1
S5	5.0000	4.9265	-.074	-1.47	7.4775	.034	1

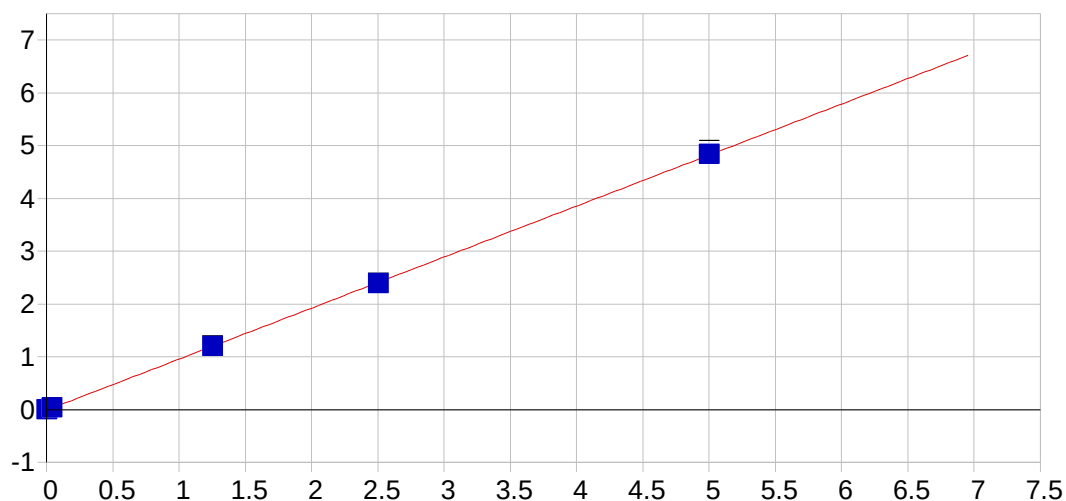


Mg 279.079 {121}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.001112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.037600
 Predicted MQL: 0.125332

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0601	.060	3.01	.00240	.000	1
S0	.00000	-.00004	-.000	.000	.00011	.000	1
S3	12.500	12.383	-.117	-.940	.01388	.000	1
S4	25.000	24.877	-.123	-.492	.02777	.000	1
S5	50.000	50.180	.180	.361	.05590	.000	1



Ni 231.604 {445}

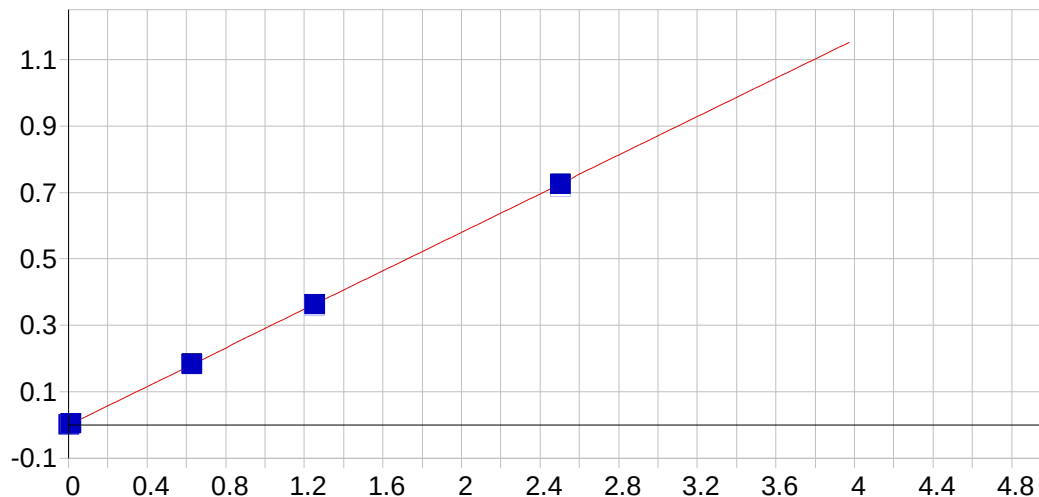
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011672 Re-Slope: 1.000000
 A1 (Gain): 0.966577 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000115
 Predicted MDL: 0.000358
 Predicted MQL: 0.001195

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01167	.000	1
S1	.04000	.04153	.002	3.83	.02849	.000	1
S3	1.2500	1.2518	.002	.141	1.1996	.004	1
S4	2.5000	2.4831	-.017	-.678	2.3910	.002	1
S5	5.0000	5.0137	.014	.273	4.8397	.065	1



Ag 328.068 {103}

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

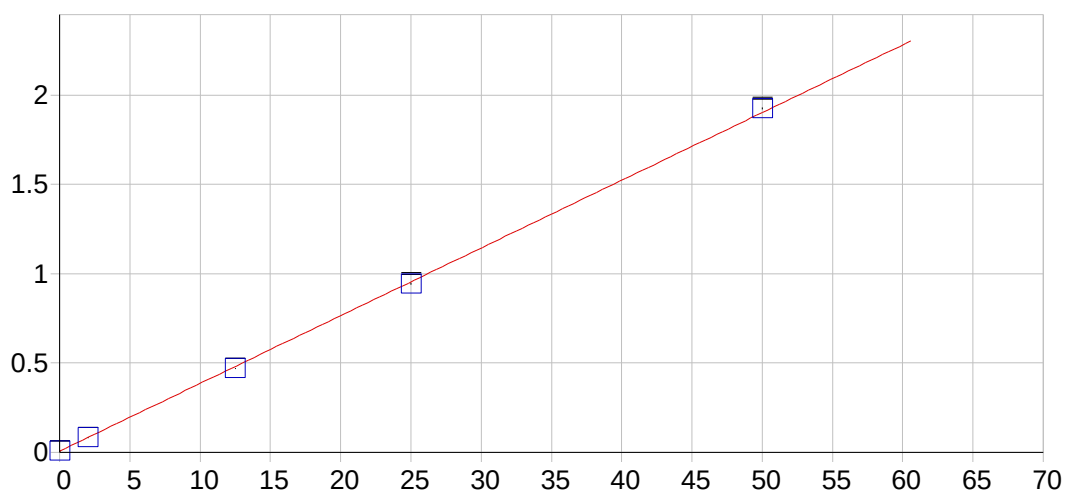
Weighting: 1/Conc

A0 (Offset): 0.000203
 A1 (Gain): 0.289970
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000020
 Predicted MDL: 0.000545
 Predicted MQL: 0.001818

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.01000	.01129	.001	12.9	.00342	.000	1
S3	.62500	.63291	.008	1.27	.18167	.000	1
S4	1.2500	1.2454	-.005	-.369	.35720	.000	1
S5	2.5000	2.4954	-.005	-.183	.71555	.001	1

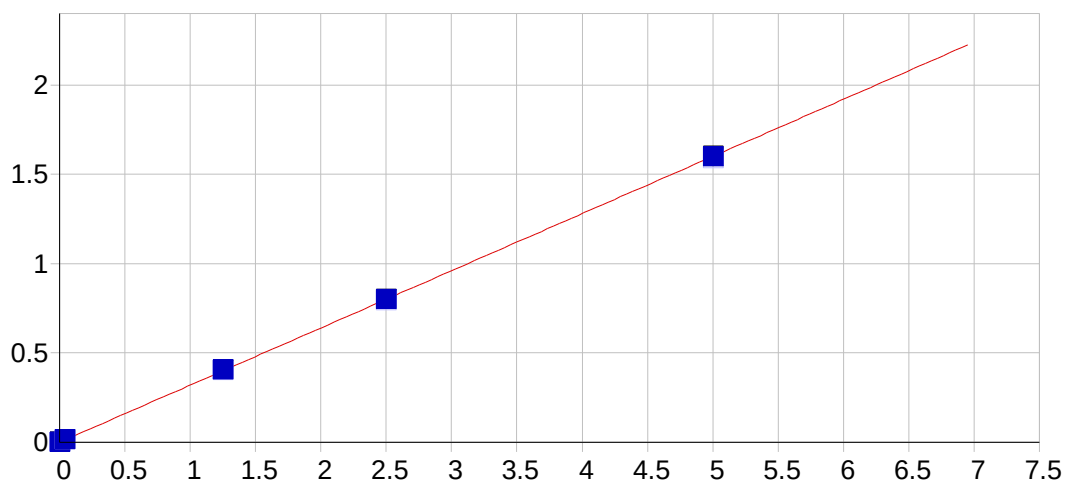


Na 589.592 { 57}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007221 Re-Slope: 1.000000
 A1 (Gain): 0.037894 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000289
 Predicted MDL: 0.008747
 Predicted MQL: 0.029155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9899	-.010	-.504	.08263	.001	1
S0	.00000	.00006	.000	.000	.00722	.000	1
S3	12.500	12.227	-.273	-2.18	.47055	.000	1
S4	25.000	24.678	-.322	-1.29	.94235	.005	1
S5	50.000	50.605	.605	1.21	1.9248	.006	1



V 292.402 {115}

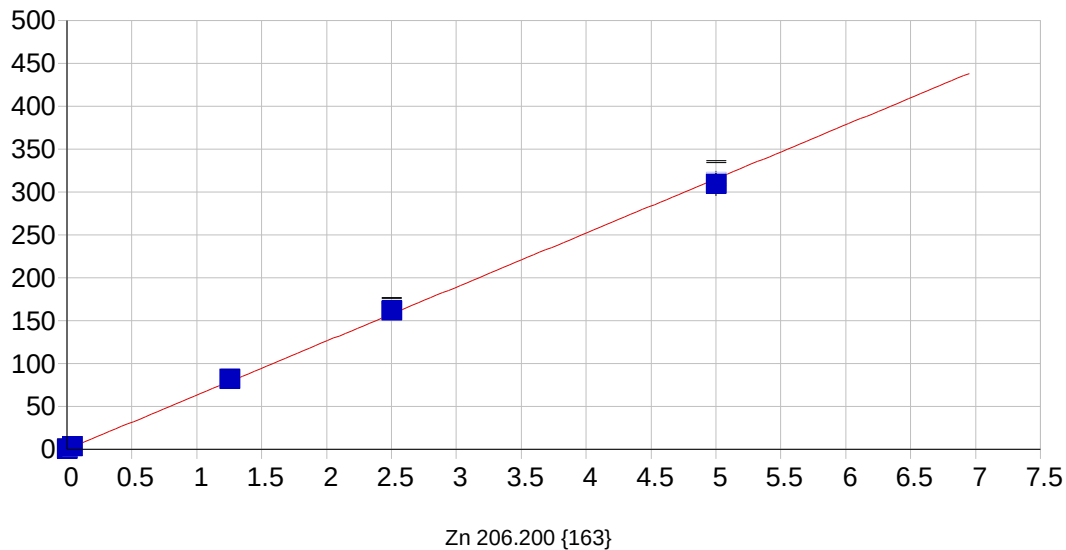
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.319968 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000042
 Predicted MDL: 0.000378
 Predicted MQL: 0.001259

Status: OK.

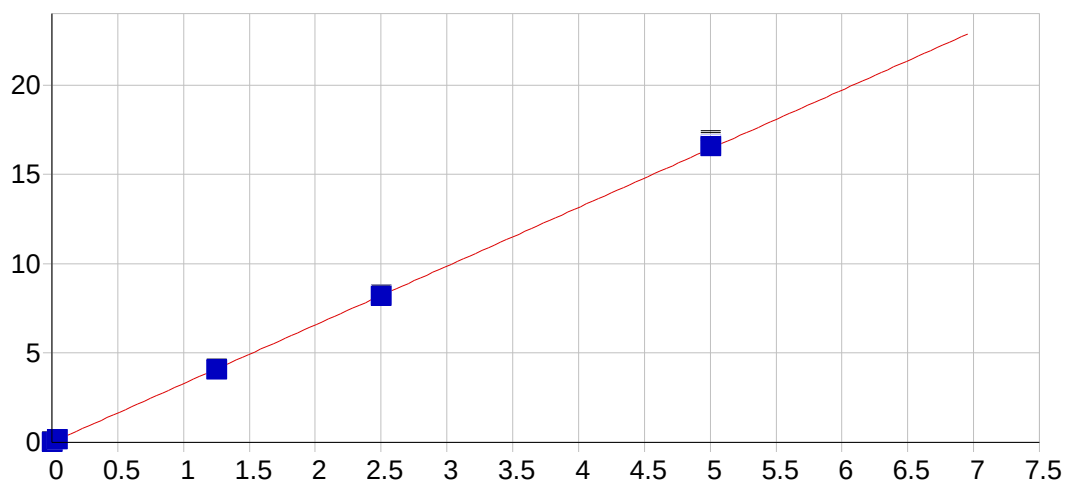
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.04000	.04237	.002	5.93	.01362	.000	1
S3	1.2500	1.2605	.011	.844	.40098	.001	1
S4	2.5000	2.4926	-.007	-.295	.79259	.000	1
S5	5.0000	4.9945	-.006	-.111	1.5879	.002	1



Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.080647 Re-Slope: 1.000000
 A1 (Gain): 63.038943 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.034655
 Predicted MDL: 0.000335
 Predicted MQL: 0.001115

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.08039	.015	1
S1	.04000	.04274	.003	6.84	2.7912	.061	1
S3	1.2500	1.2880	.038	3.04	81.752	.439	1
S4	2.5000	2.5568	.057	2.27	162.21	2.94	1
S5	5.0000	4.9024	-.098	-1.95	311.03	13.3	1

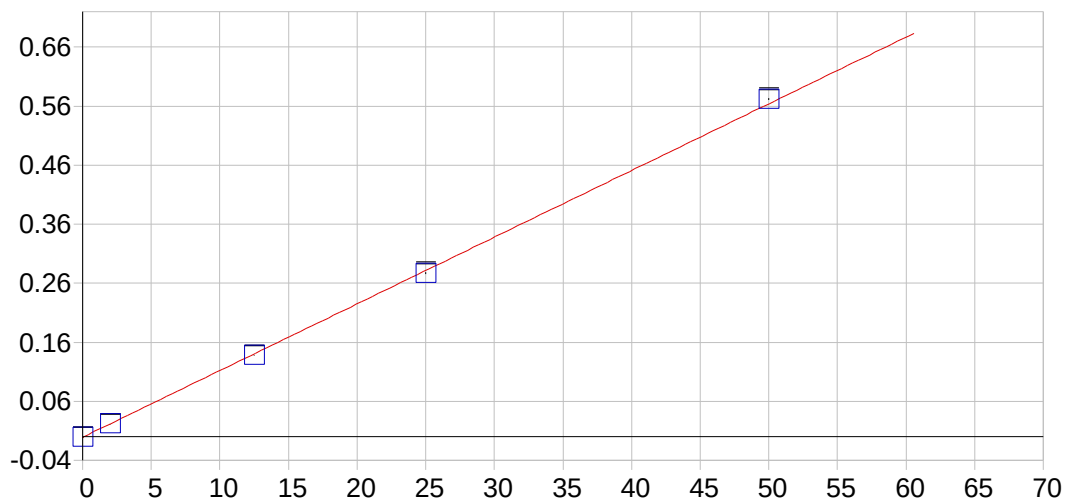


Zn 213.856 {458}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003575 Re-Slope: 1.000000
 A1 (Gain): 3.285843 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000635
 Predicted MDL: 0.000083
 Predicted MQL: 0.000276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00358	.000	1
S1	.04000	.03938	-.001	-1.56	.13387	.000	1
S3	1.2500	1.2319	-.018	-1.45	4.0776	.004	1
S4	2.5000	2.4862	-.014	-.553	8.2252	.028	1
S5	5.0000	5.0326	.033	.651	16.645	.211	1



K 766.490 {44}

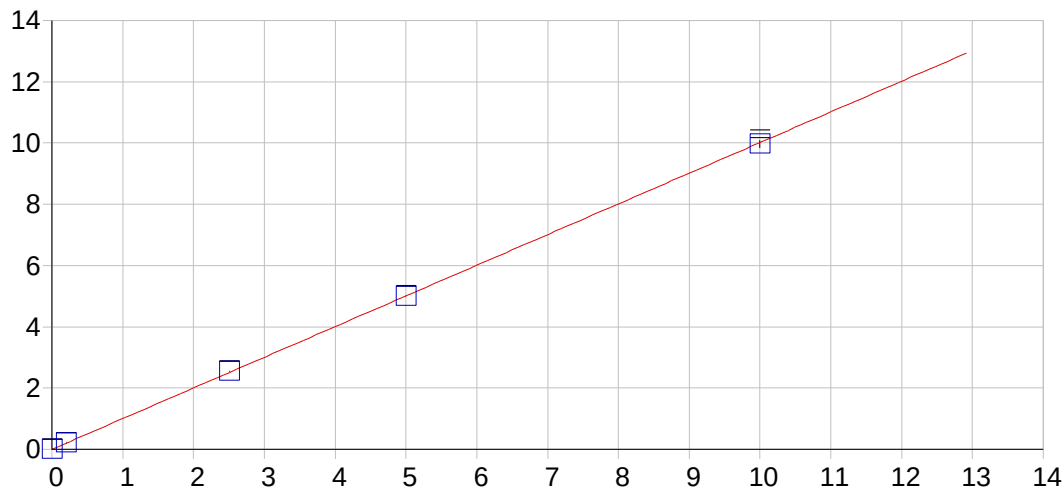
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000895 Re-Slope: 1.000000
 A1 (Gain): 0.011296 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000096
 Predicted MDL: 0.031667
 Predicted MQL: 0.105556

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9777	-.022	-1.12	.02144	.000	1
S0	.00000	.00007	.000	.000	-.00089	.000	1
S3	12.500	12.235	-.265	-2.12	.13730	.000	1
S4	25.000	24.603	-.397	-1.59	.27701	.001	1
S5	50.000	50.685	.685	1.37	.57163	.002	1



Mo 202.030 {467}

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

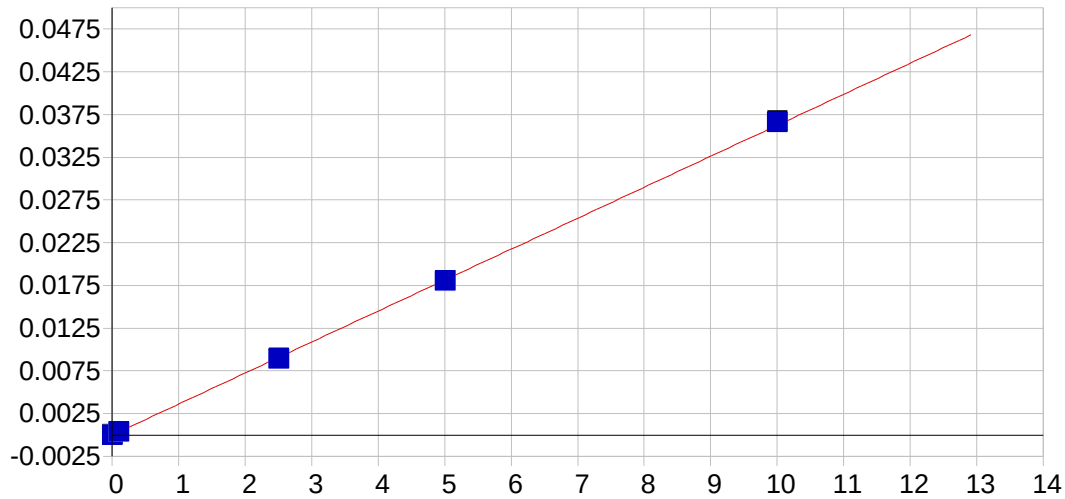
Weighting: 1/Conc

A0 (Offset): 0.000717
 A1 (Gain): 1.001423
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000826
 Predicted MDL: 0.000237
 Predicted MQL: 0.000788

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	.00070	.000	1
S1	.20000	.21563	.016	7.81	.21665	.001	1
S3	2.5000	2.5379	.038	1.51	2.5422	.002	1
S4	5.0000	4.9961	-.004	-.078	5.0039	.005	1
S5	10.000	9.9504	-.050	-.496	9.9653	.125	1

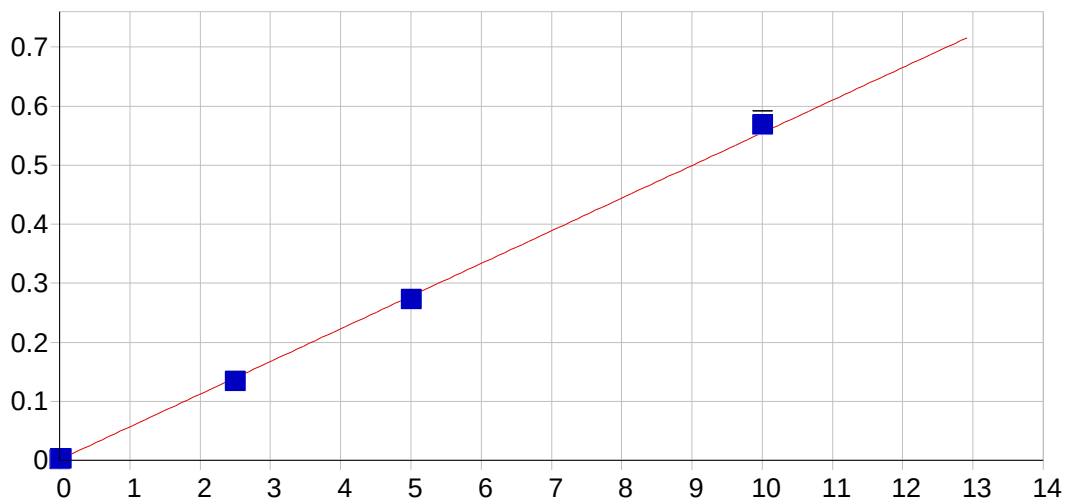


B 249.678 {135}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.003627 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.009963
 Predicted MQL: 0.033212

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00001	.000	1
S1	.10000	.09481	-.005	-5.19	.00033	.000	1
S3	2.5000	2.4552	-.045	-1.79	.00887	.000	1
S4	5.0000	4.9632	-.037	-1.736	.01795	.000	1
S5	10.000	10.087	.087	.867	.03649	.000	1



S 182.034 {485}

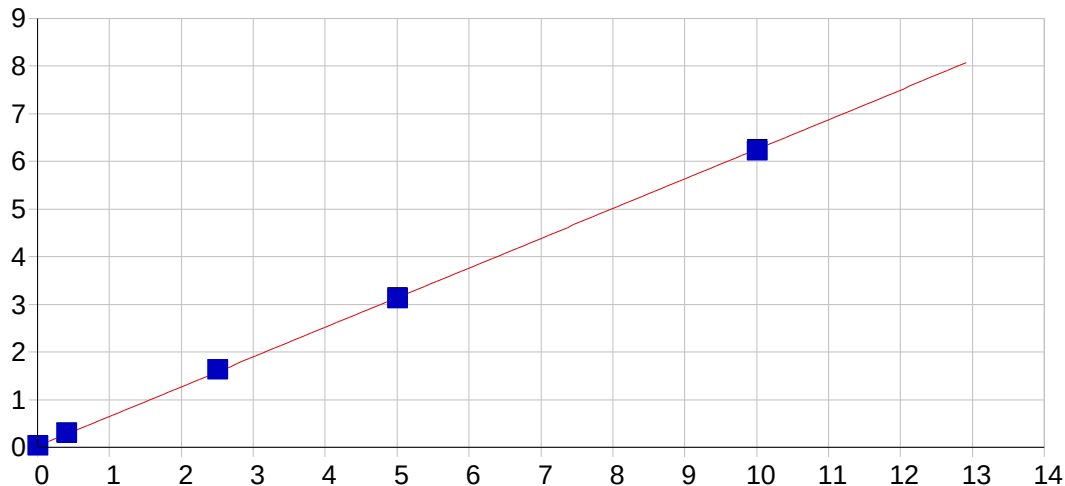
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001448 Re-Slope: 1.000000
 A1 (Gain): 0.055328 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999479
 Std Error of Est: 0.000043
 Predicted MDL: 0.002880
 Predicted MQL: 0.009599

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00145	.000	1
S1	.02000	.01039	-.010	-48.0	.00199	.000	1
S3	2.5000	2.3809	-.119	-4.76	.13302	.001	1
S4	5.0000	4.8920	-.108	-2.16	.27180	.000	1
S5	10.000	10.236	.236	2.36	.56719	.007	1



Si 288.158 {117}

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

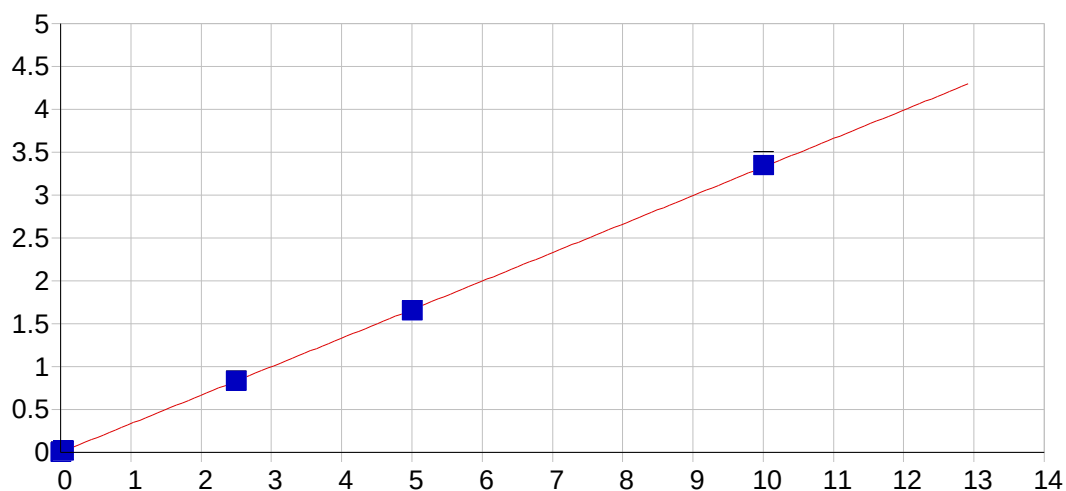
Weighting: 1/Conc

A0 (Offset): 0.025773
 A1 (Gain): 0.622854
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854
 Std Error of Est: 0.001162
 Predicted MDL: 0.002082
 Predicted MQL: 0.006941

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.02575	.001	1
S1	.40000	.43601	.036	9.00	.29714	.002	1
S3	2.5000	2.5586	.059	2.35	1.6186	.009	1
S4	5.0000	4.9641	-.036	-.717	3.1160	.012	1
S5	10.000	9.9412	-.059	-.588	6.2144	.030	1

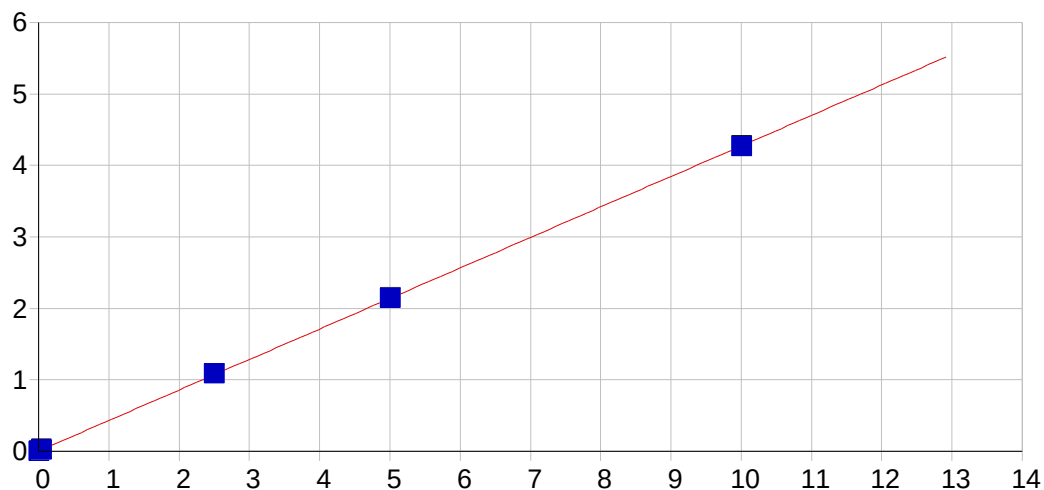


Sn 189.989 {477}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001735 Re-Slope: 1.000000
 A1 (Gain): 0.332467 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.000533
 Predicted MQL: 0.001776

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00174	.000	1
S1	.04000	.03885	-.001	-2.89	.01465	.000	1
S3	2.5000	2.4881	-.012	-.478	.82908	.001	1
S4	5.0000	4.9565	-.043	-.869	1.6499	.001	1
S5	10.000	10.057	.057	.566	3.3458	.042	1



Ti 336.121 {100}

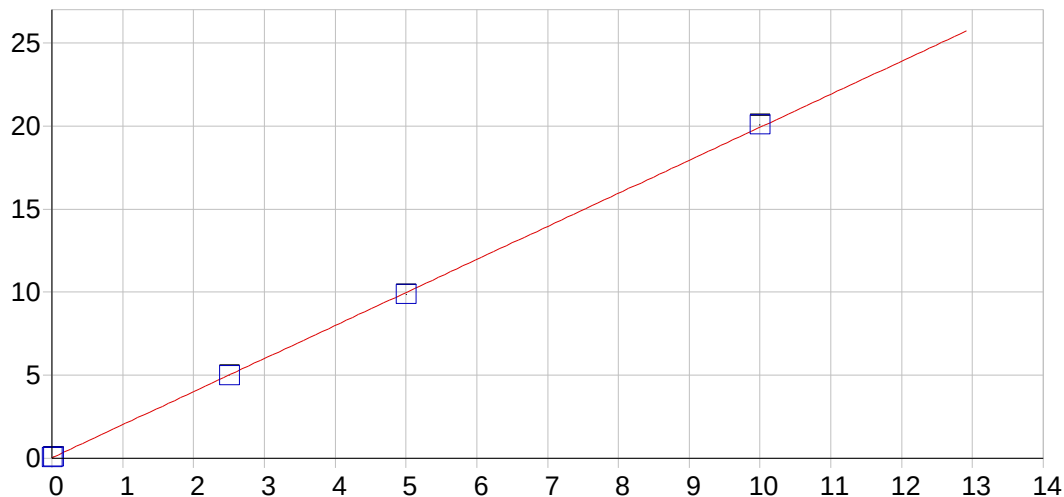
Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004059 Re-Slope: 1.000000
 A1 (Gain): 0.426882 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000068
 Predicted MDL: 0.001768
 Predicted MQL: 0.005892

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00406	.000	1
S1	.04000	.04250	.002	6.25	.02219	.001	1
S3	2.5000	2.5199	.020	.796	1.0796	.005	1
S4	5.0000	5.0026	.003	.052	2.1393	.010	1
S5	10.000	9.9750	-.025	-.250	4.2617	.006	1



Li 670.784 { 50}

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

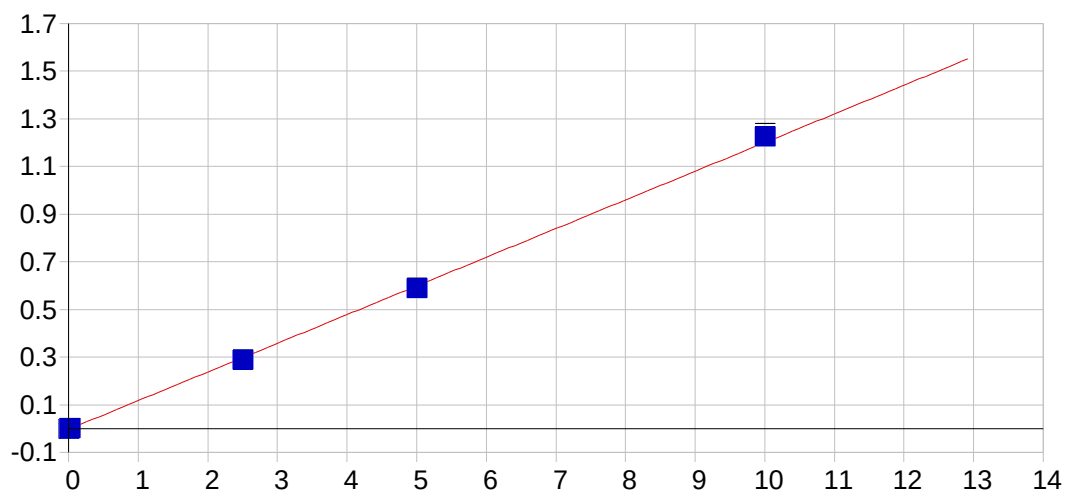
Weighting: 1/Conc

A0 (Offset): 0.034435
 A1 (Gain): 1.989326
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000420
 Predicted MDL: 0.001654
 Predicted MQL: 0.005514

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	.03444	.003	1
S1	.02000	.01885	-.001	-5.77	.07192	.002	1
S3	2.5000	2.4878	-.012	-.489	4.9834	.025	1
S4	5.0000	4.9412	-.059	-1.18	9.8640	.016	1
S5	10.000	10.072	.072	.722	20.071	.045	1

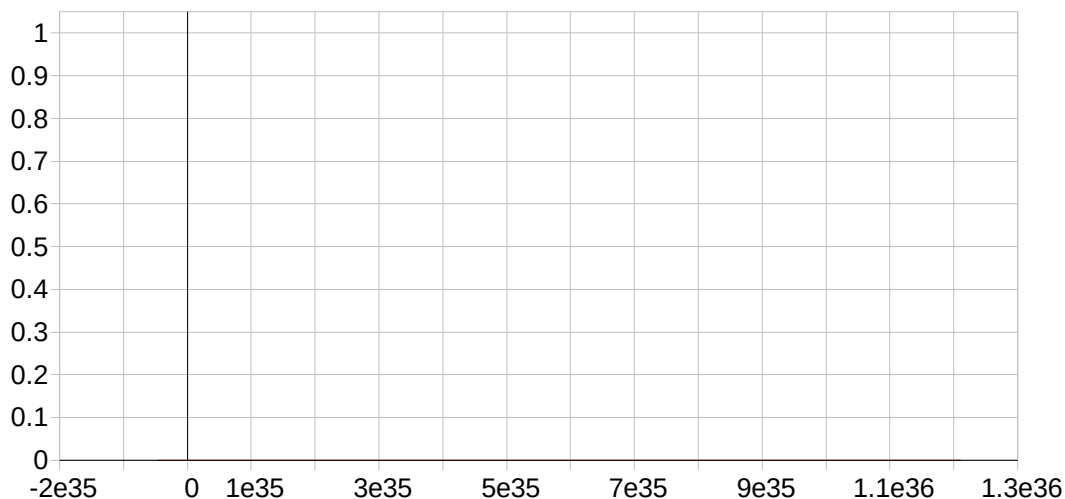


P 177.495 {490}

Date of Fit: 6/19/2019 17:36:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003199 Re-Slope: 1.000000
 A1 (Gain): 0.120374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999733 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001385
 Predicted MQL: 0.004616

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00320	.000	1
S1	.02000	.01929	-.001	-3.53	-.00088	.000	1
S3	2.5000	2.4032	-.097	-3.87	.28565	.000	1
S4	5.0000	4.9045	-.095	-1.91	.58631	.001	1
S5	10.000	10.193	.193	1.93	1.2220	.015	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

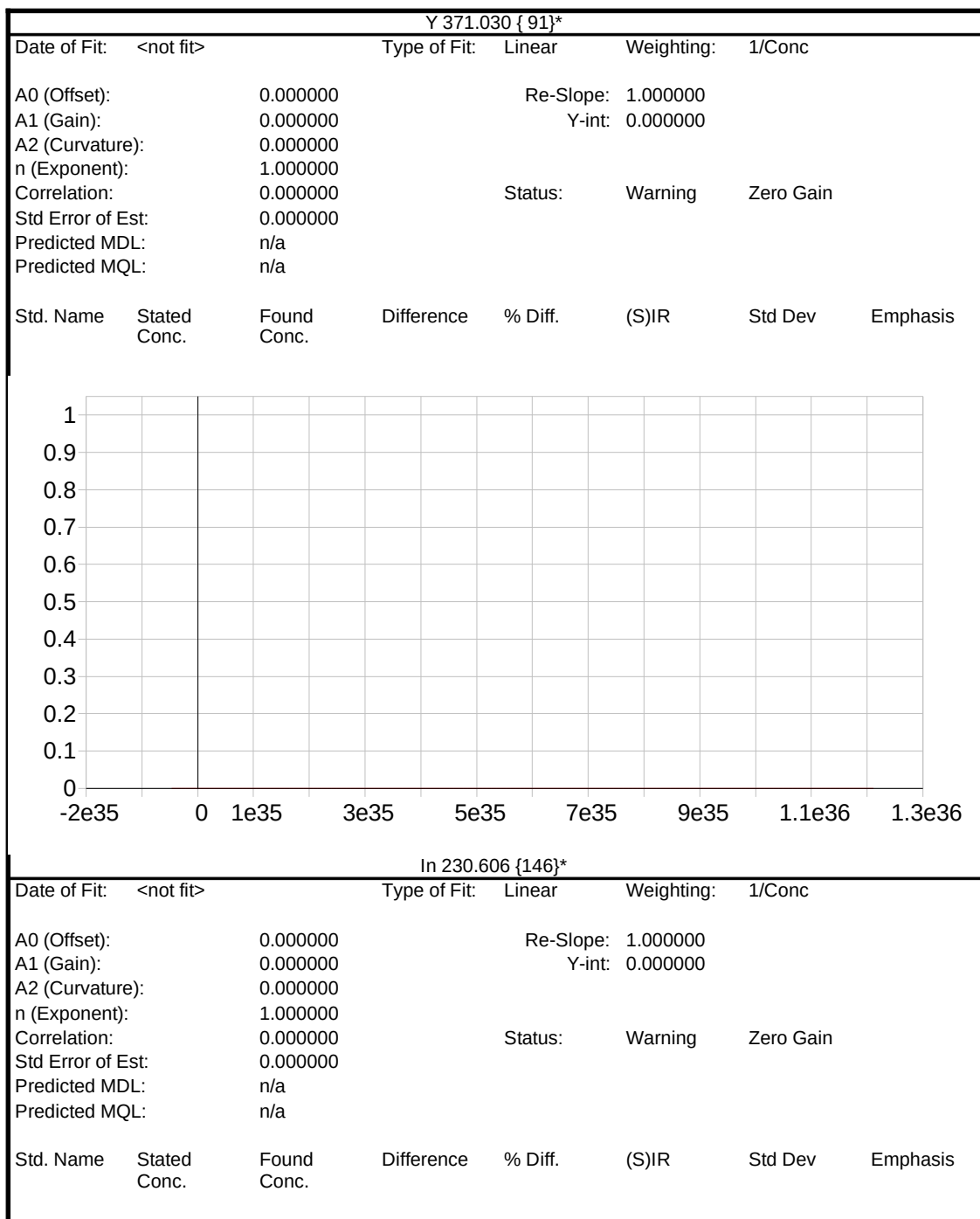
Status: Warning Zero Gain

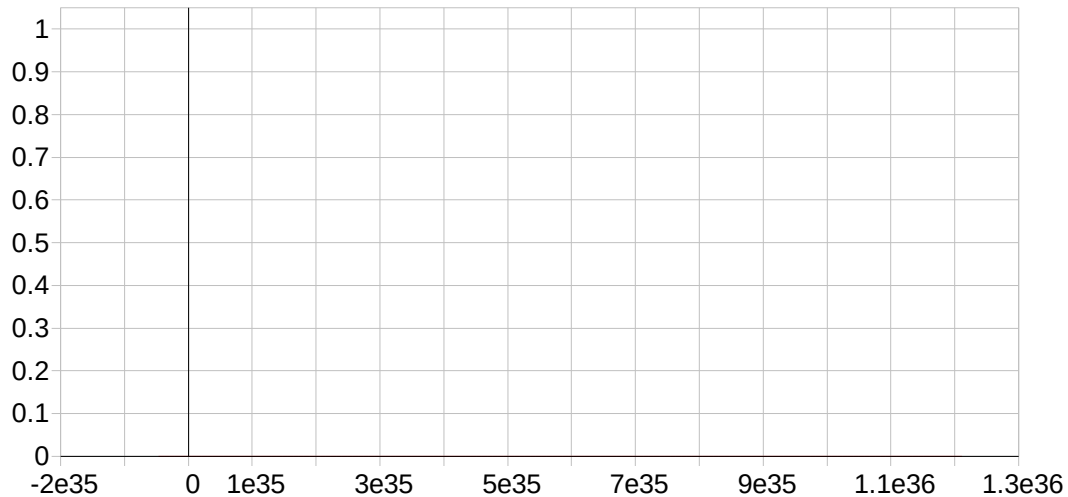
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

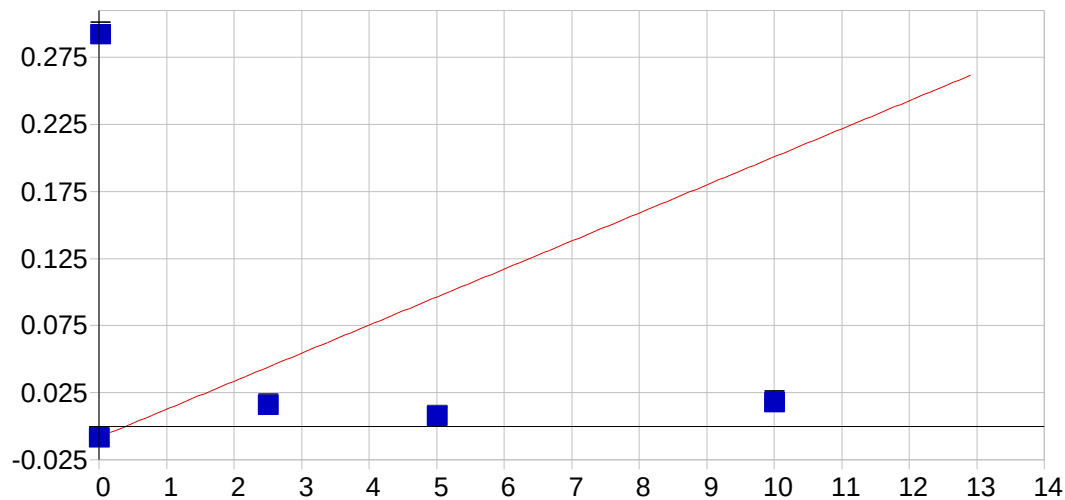
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008321

Re-Slope: 1.000000

A1 (Gain): 0.020919

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.041250

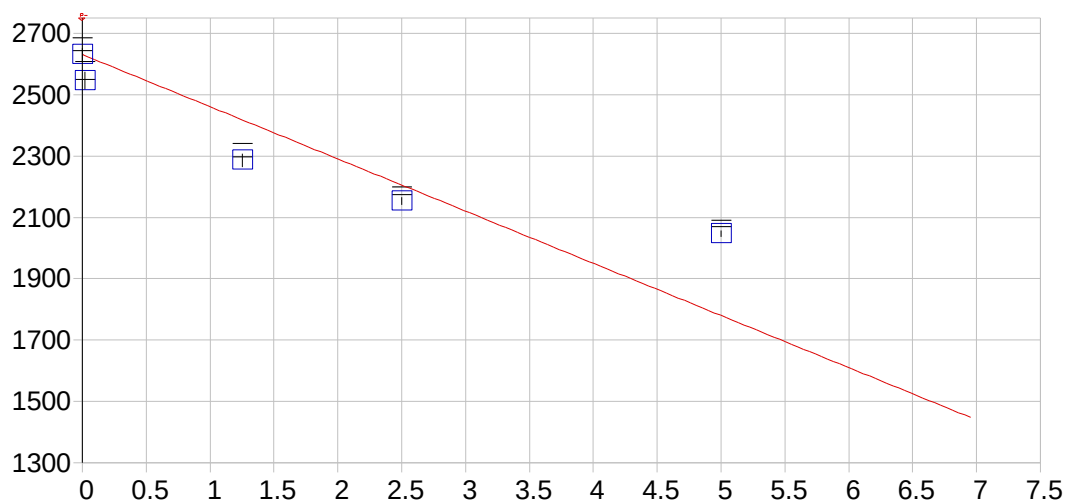
Status: OK.

Std Error of Est: 0.012252

Predicted MDL: 0.065996

Predicted MQL: 0.219987

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.01429	-.014	.000	-.00862	.001	1
S1	.02000	14.358	14.3	71700.	.29205	.002	1
S3	2.5000	1.1305	-1.37	-54.8	.01539	.001	1
S4	5.0000	.74391	-4.26	-85.1	.00736	.001	1
S5	10.000	1.2242	-8.78	-87.8	.01752	.001	1



Date of Fit: 6/19/2019 17:36:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 2630.892617

Re-Slope: 1.000000

A1 (Gain): -170.151446

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.641215

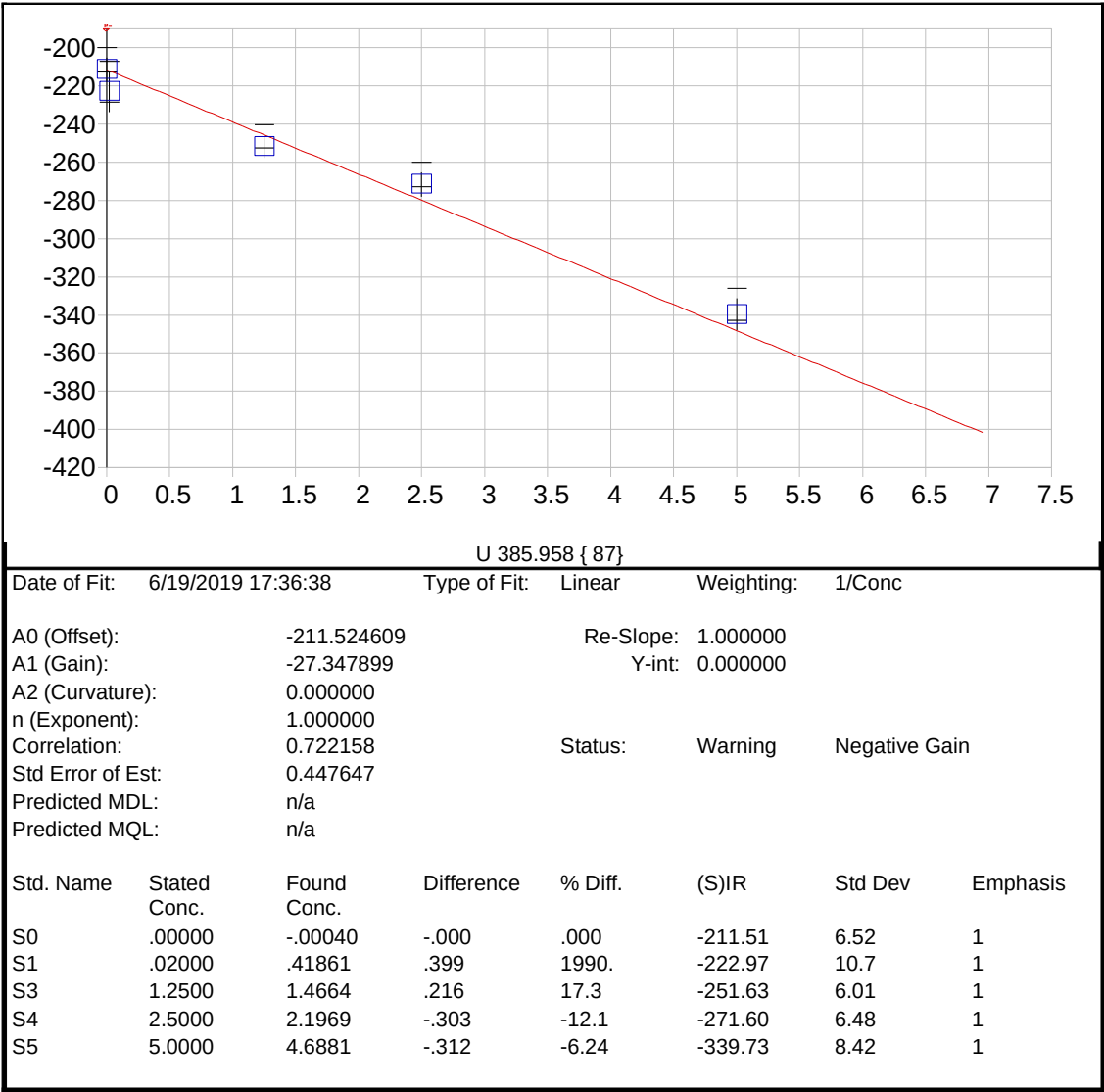
Status: Warning Negative Gain

Std Error of Est: 3.479687

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00049	-.000	.000	2631.0	20.4	1
S1	.02000	.50036	.480	2400.	2545.8	29.9	1
S3	1.2500	2.0258	.776	62.1	2286.2	21.9	1
S4	2.5000	2.8099	.310	12.4	2152.8	12.8	1
S5	5.0000	3.4339	-1.57	-31.3	2046.6	11.1	1



Sample Name: S0 Acquired: 6/19/2019 10:59:22 Type: Cal
Method: P4-ICP2(v3217) 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	.00041	.00090	.00759	-.00033	.00134	.00058	-.00106	-.00031
Stddev	.00015	.00016	.00015	.00025	.00009	.00002	.00014	.00003
%RSD	37.310	18.056	2.0310	76.193	6.5728	3.8589	13.503	10.511

#1	.00052	.00084	.00769	-.00061	.00125	.00056	-.00122	-.00033
#2	.00023	.00078	.00766	-.00011	.00143	.00060	-.00103	-.00032
#3	.00047	.00108	.00741	-.00028	.00133	.00060	-.00093	-.00027

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	-.00277	.00024	.00022	-.00076	.00398	.00147	.00042	.00011
Stddev	.00008	.00009	.00007	.00017	.00013	.00005	.00013	.00004
%RSD	2.8053	36.348	33.617	22.557	3.3714	3.6068	31.004	32.209

#1	-.00284	.00033	.00021	-.00079	.00405	.00144	.00031	.00007
#2	-.00278	.00024	.00029	-.00092	.00407	.00154	.00056	.00015
#3	-.00268	.00015	.00015	-.00058	.00383	.00145	.00040	.00011

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	-.01167	.00020	.00722	.00026	.00358	-.00089	.00070	-.00001
Stddev	.00013	.00024	.00015	.00006	.00045	.00023	.00035	.00004
%RSD	1.1400	119.97	2.0945	24.949	12.440	26.146	50.368	317.22

#1	-.01165	.00016	.00709	.00020	.00362	-.00070	.00100	.00003
#2	-.01156	.00047	.00718	.00033	.00311	-.00083	.00031	-.00005
#3	-.01182	-.00001	.00739	.00024	.00400	-.00115	.00078	-.00002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00145	.02575	.00174	.00406	.03444	-.0032	-.00862	2631.0
Stddev	.00024	.00069	.00010	.00031	.00324	.0001	.00100	20.4
%RSD	16.378	2.6626	5.5370	7.6253	9.4037	3.296	11.560	.77558

#1	.00172	.02587	.00166	.00373	.03070	-.0033	-.00948	2611.3
#2	.00135	.02501	.00184	.00410	.03634	-.0032	-.00886	2629.6
#3	.00128	.02637	.00171	.00435	.03628	-.0031	-.00753	2652.0

Sample Name: S0 Acquired: 6/19/2019 10:59:22 Type: Cal
 Method: P4-ICP2(v3217) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-211.51
Stddev	6.52
%RSD	3.0811

#1	-204.06
#2	-214.37
#3	-216.11

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.8	39446.	3694.8	67.539	3101.8
Stddev	11.3	142.	20.8	.730	12.9
%RSD	.35881	.35929	.56287	1.0813	.41723

#1	3124.0	39322.	3681.0	67.492	3088.2
#2	3141.3	39415.	3718.7	68.292	3103.2
#3	3145.1	39601.	3684.7	66.833	3114.0

Sample Name: S1 Acquired: 6/19/2019 11:03:49 Type: Cal
Method: P4-ICP2(v3217) 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	.00228	.01067	.01186	.00159	.01020	.00153	.04346	.00787
Stddev	.00015	.00016	.00020	.00009	.00011	.00001	.00007	.00009
%RSD	6.5574	1.5462	1.6596	5.6184	1.1157	.38999	.15614	1.0875

#1	.00214	.01058	.01173	.00168	.01034	.00153	.04339	.00790
#2	.00225	.01056	.01209	.00160	.01013	.00154	.04352	.00777
#3	.00244	.01086	.01176	.00150	.01015	.00153	.04347	.00794

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	.02996	.00335	.04629	.02736	.01657	.03463	.02849	.00342
Stddev	.00020	.00007	.00049	.00021	.00009	.00004	.00005	.00009
%RSD	.65920	1.9964	1.0623	.77319	.55017	.11888	.16019	2.5996

#1	.02973	.00343	.04668	.02753	.01666	.03467	.02855	.00332
#2	.03006	.00331	.04645	.02713	.01658	.03461	.02848	.00343
#3	.03008	.00331	.04573	.02744	.01648	.03460	.02846	.00350

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	.01362	.13387	.21665	.00033	.00199	.29714	.01465	.02219
Stddev	.00022	.00036	.00052	.00003	.00011	.00234	.00012	.00061
%RSD	1.5931	.26964	.23943	9.3689	5.3711	.78594	.81505	2.7522

#1	.01386	.13379	.21650	.00030	.00187	.29872	.01465	.02237
#2	.01352	.13427	.21623	.00035	.00203	.29446	.01477	.02151
#3	.01346	.13356	.21723	.00034	.00207	.29824	.01453	.02269

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07192	-.0009	.29205	2545.8	-222.97
Stddev	.00178	.0000	.00189	29.9	10.66
%RSD	2.4709	3.907	.64583	1.1740	4.7817

#1	.07064	-.0009	.29403	2544.0	-235.21
#2	.07395	-.0008	.29027	2576.5	-218.05
#3	.07118	-.0009	.29184	2516.8	-215.66

Sample Name: S1 Acquired: 6/19/2019 11:03:49 Type: Cal
 Method: P4-ICP2(v3217) 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	3165.2	39979.	3774.1	70.647	3123.2
Stddev	2.9	118.	8.3	.476	6.1
%RSD	.09176	.29442	.21882	.67322	.19534
#1	3162.1	40039.	3779.1	71.008	3116.1
#2	3167.8	39843.	3778.7	70.825	3127.2
#3	3165.6	40054.	3764.6	70.108	3126.1

Sample Name: S2 Acquired: 6/19/2019 11:08:14 Type: Cal
Method: P4-ICP2(v3217) 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	.01342	.00240	.08263	.02144
Stddev	.00009	.00003	.00109	.00025
%RSD	.66725	1.3561	1.3140	1.1785

#1	.01339	.00238	.08139	.02117
#2	.01335	.00239	.08305	.02167
#3	.01352	.00244	.08344	.02149

Int. Std.	Y_3600
Units	Cts/S
Avg	39847.
Stddev	87.
%RSD	.21806

#1	39746.
#2	39899.
#3	39895.

Sample Name: S3 Acquired: 6/19/2019 11:12:29 Type: Cal
 Method: P4-ICP2(v3217) 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	.22970	.59446	.79524	.22753	.42111	.03879	2.0889	.15688
Stddev	.00044	.00109	.00064	.00091	.00032	.00016	.0015	.00040
%RSD	.19336	.18333	.08039	.39870	.07547	.40710	.07263	.25604

#1	.22922	.59321	.79576	.22849	.42146	.03872	2.0905	.15725
#2	.23009	.59517	.79453	.22668	.42084	.03868	2.0875	.15646
#3	.22979	.59501	.79545	.22743	.42104	.03897	2.0889	.15694

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.6520	.07959	.14904	1.9596	.69324	.35961	1.9574	.01388
Stddev	.0050	.00013	.00033	.0024	.00104	.00083	.0057	.00009
%RSD	.07470	.16711	.22349	.12263	.15029	.23035	.29241	.66477

#1	6.6548	.07945	.14874	1.9593	.69314	.36028	1.9635	.01387
#2	6.6549	.07961	.14897	1.9621	.69225	.35868	1.9522	.01379
#3	6.6462	.07972	.14940	1.9573	.69433	.35986	1.9566	.01397

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	1.1996	.18167	.47055	.40098	4.0776	.13730	2.5422	.00887
Stddev	.0036	.00033	.00035	.00074	.0044	.00016	.0022	.00009
%RSD	.29749	.18076	.07440	.18485	.10862	.11696	.08641	.98649

#1	1.2007	.18182	.47050	.40098	4.0813	.13732	2.5397	.00880
#2	1.2024	.18129	.47023	.40023	4.0788	.13714	2.5431	.00885
#3	1.1956	.18189	.47093	.40172	4.0727	.13746	2.5438	.00897

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	.13302	1.6186	.82908	1.0796	4.9834	.2856	.01539	2286.2
Stddev	.00062	.0095	.00121	.0053	.0252	.0005	.00092	21.9
%RSD	.46321	.58523	.14614	.49048	.50527	.1630	5.9817	.95939

#1	.13310	1.6091	.82881	1.0767	4.9637	.2860	.01543	2271.1
#2	.13360	1.6280	.83040	1.0857	5.0118	.2859	.01629	2276.1
#3	.13238	1.6187	.82802	1.0765	4.9748	.2851	.01445	2311.4

Sample Name: S3 Acquired: 6/19/2019 11:12:29 Type: Cal
Method: P4-ICP2(v3217) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-251.63
Stddev	6.01
%RSD	2.3869

#1	-255.93
#2	-254.19
#3	-244.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3061.2	38915.	3729.8	67.513	2885.4
Stddev	4.3	69.	14.6	.500	5.6
%RSD	.14098	.17672	.39198	.74057	.19441

#1	3058.4	38837.	3731.5	67.727	2882.4
#2	3059.0	38967.	3714.3	66.941	2882.0
#3	3066.2	38942.	3743.4	67.870	2891.9

Sample Name: S4 Acquired: 6/19/2019 11:16:29 Type: Cal
Method: P4-ICP2(v3217) 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	.45621	1.1797	1.5773	.45147	.83215	.07824	4.1971	.31059
Stddev	.00023	.0019	.0040	.00146	.00351	.00060	.0253	.00055
%RSD	.05149	.16189	.25679	.32416	.42200	.76235	.60169	.17740
#1	.45611	1.1819	1.5782	.45227	.83520	.07756	4.1802	.31122
#2	.45647	1.1790	1.5808	.45237	.83294	.07866	4.2262	.31019
#3	.45604	1.1782	1.5728	.44979	.82831	.07851	4.1850	.31036
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	13.344	.15996	.29429	3.9182	1.3423	.70445	3.8427	.02777
Stddev	.028	.00096	.00027	.0084	.0039	.00116	.0053	.00011
%RSD	.20798	.60050	.09151	.21332	.29122	.16451	.13880	.39465
#1	13.365	.15885	.29437	3.9235	1.3454	.70364	3.8484	.02772
#2	13.356	.16056	.29398	3.9225	1.3436	.70577	3.8378	.02789
#3	13.313	.16045	.29450	3.9085	1.3379	.70393	3.8418	.02769
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	2.3910	.35720	.94235	.79259	8.2252	.27701	5.0039	.01795
Stddev	.0025	.00025	.00529	.00048	.0277	.00120	.0052	.00005
%RSD	.10436	.07094	.56146	.06086	.33724	.43361	.10450	.25252
#1	2.3923	.35726	.93848	.79209	8.2536	.27588	5.0073	.01790
#2	2.3927	.35742	.94838	.79306	8.2238	.27827	5.0066	.01799
#3	2.3882	.35692	.94018	.79263	8.1982	.27689	4.9979	.01795
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	.27180	3.1160	1.6499	2.1393	9.8640	.5863	.00736	2152.8
Stddev	.00022	.0118	.0005	.0095	.0159	.0009	.00073	12.8
%RSD	.08154	.37952	.03148	.44590	.16069	.1450	9.9614	.59502
#1	.27196	3.1266	1.6500	2.1486	9.8798	.5854	.00819	2161.6
#2	.27190	3.1032	1.6504	2.1296	9.8641	.5871	.00681	2138.1
#3	.27155	3.1183	1.6494	2.1397	9.8481	.5865	.00707	2158.7

Sample Name: S4 Acquired: 6/19/2019 11:16:29 Type: Cal
 Method: P4-ICP2(v3217) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-271.60
Stddev	6.48
%RSD	2.3862

#1	-273.47
#2	-276.95
#3	-264.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3019.2	38451.	3755.4	66.146	2775.4
Stddev	13.2	88.	21.0	1.101	9.4
%RSD	.43670	.22975	.56024	1.6645	.33980

#1	3012.3	38436.	3732.7	66.909	2772.5
#2	3010.8	38371.	3774.3	66.645	2767.7
#3	3034.4	38545.	3759.2	64.884	2785.9

Sample Name: S5 Acquired: 6/19/2019 11:20:28 Type: Cal
Method: P4-ICP2(v3217) 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	.91771	2.3486	3.1801	.90356	1.6704	.15831	8.4823	.62354
Stddev	.01147	.0316	.0398	.01034	.0214	.00058	.0974	.00205
%RSD	1.2495	1.3473	1.2521	1.1443	1.2786	.36323	1.1479	.32950

#1	.90456	2.3122	3.1347	.89162	1.6457	.15862	8.5264	.62117
#2	.92567	2.3633	3.1967	.90925	1.6816	.15867	8.5498	.62466
#3	.92289	2.3701	3.2090	.90980	1.6838	.15765	8.3707	.62479

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	27.095	.32121	.57970	7.9830	2.6450	1.3842	7.4775	.05590
Stddev	.354	.00156	.00173	.1060	.0314	.0029	.0345	.00029
%RSD	1.3060	.48589	.29837	1.3271	1.1860	.20953	.46075	.52163

#1	26.690	.32088	.57863	7.8613	2.6088	1.3828	7.4944	.05561
#2	27.246	.32292	.57879	8.0328	2.6636	1.3822	7.4379	.05620
#3	27.348	.31985	.58170	8.0549	2.6627	1.3875	7.5003	.05590

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	4.8397	.71555	1.9248	1.5879	16.645	.57163	9.9653	.03649
Stddev	.0653	.00092	.0064	.0016	.211	.00172	.1254	.00017
%RSD	1.3497	.12825	.33144	.10121	1.2669	.30105	1.2582	.47618

#1	4.7645	.71646	1.9264	1.5861	16.404	.57278	9.8207	.03664
#2	4.8720	.71555	1.9303	1.5885	16.732	.57245	10.045	.03653
#3	4.8825	.71463	1.9178	1.5891	16.798	.56965	10.031	.03630

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	.56719	6.2144	3.3458	4.2617	20.071	1.222	.01752	2046.6
Stddev	.00730	.0298	.0415	.0063	.045	.016	.00122	11.1
%RSD	1.2871	.47985	1.2409	.14785	.22542	1.266	6.9736	.54136

#1	.55876	6.2007	3.2979	4.2556	20.027	1.204	.01777	2054.6
#2	.57146	6.1939	3.3685	4.2682	20.118	1.229	.01619	2034.0
#3	.57135	6.2486	3.3710	4.2612	20.069	1.233	.01860	2051.2

Sample Name: S5 Acquired: 6/19/2019 11:20:28 Type: Cal
 Method: P4-ICP2(v3217) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-339.73
Stddev	8.42
%RSD	2.4787

#1	-344.26
#2	-344.92
#3	-330.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.7	37557.	3709.7	65.902	2625.0
Stddev	31.8	132.	3.6	2.417	29.3
%RSD	1.0818	.35106	.09736	3.6673	1.1171

#1	2972.4	37482.	3710.7	68.511	2658.7
#2	2918.5	37480.	3705.8	65.455	2610.1
#3	2916.3	37710.	3712.8	63.740	2606.0

Sample Name: ICV01 Acquired: 6/19/2019 11:32:36 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0198	1.0614	1.0186	1.0254	1.0495	2.5124	.49768
Stddev	.0034	.0011	.0015	.0064	.0050	.0111	.00113
%RSD	.33409	.10623	.15225	.62576	.47163	.44242	.22638

#1	1.0197	1.0627	1.0184	1.0232	1.0509	2.5199	.49731
#2	1.0233	1.0608	1.0202	1.0326	1.0536	2.4996	.49679
#3	1.0165	1.0608	1.0171	1.0203	1.0440	2.5176	.49895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49103	.49124	10.521	.50308	.49563	.52595	5.1070
Stddev	.00104	.00015	.061	.00208	.00091	.00058	.0042
%RSD	.21121	.03035	.58080	.41307	.18412	.11114	.08293

#1	.49072	.49132	10.567	.50105	.49614	.52641	5.1028
#2	.49018	.49107	10.452	.50301	.49458	.52615	5.1071
#3	.49218	.49133	10.544	.50520	.49617	.52530	5.1112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51295	5.8874	.49932	.52355	9.8052	.50510	.97772
Stddev	.00119	.0311	.00050	.00101	.0407	.00102	.00157
%RSD	.23109	.52756	.09999	.19209	.41497	.20117	.16052

#1	.51294	5.9025	.49882	.52400	9.8098	.50604	.97932
#2	.51177	5.8517	.49981	.52240	9.7624	.50402	.97619
#3	.51415	5.9080	.49934	.52425	9.8434	.50523	.97765

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7970	2.5031	2.4183	F -.01265	2.3980	2.4066	2.4451
Stddev	.0594	.0062	.0294	.00272	.0390	.0034	.0539
%RSD	.60607	.24875	1.2144	21.534	1.6271	.14029	2.2067

#1	9.8282	2.4969	2.4508	-.01256	2.4006	2.4067	2.4583
#2	9.7286	2.5093	2.4106	-.00997	2.3577	2.4100	2.3857
#3	9.8343	2.5032	2.3936	-.01542	2.4356	2.4032	2.4911

Sample Name: ICV01 Acquired: 6/19/2019 11:32:36 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00038	F -.0070	F 7.7826	F 1.9583	F 1.7138
Stddev	.00158	.0023	.1085	.2697	.4228
%RSD	411.41	33.04	1.3943	13.770	24.672
#1	.00122	-.0044	7.7475	2.2448	1.4579
#2	-.00044	-.0089	7.6961	1.7094	1.4817
#3	-.00194	-.0077	7.9044	1.9208	2.2019
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3095.7	39839.	3880.2	70.059	2980.7
Stddev	12.0	50.	59.7	1.554	11.3
%RSD	.38627	.12584	1.5373	2.2187	.37841
#1	3085.1	39816.	3860.9	69.442	2968.4
#2	3093.2	39897.	3947.1	71.827	2983.3
#3	3108.7	39805.	3832.6	68.907	2990.5

Sample Name: LLICV01 Acquired: 6/19/2019 11:37:12 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02070	.04184	.01258	.02210	.05758	.11414	.10386	.00643
Stddev	.00048	.00042	.00054	.00059	.00052	.00837	.00174	.00016
%RSD	2.3102	1.0058	4.2819	2.6565	.91057	7.3290	1.6738	2.5584
#1	.02124	.04210	.01238	.02278	.05742	.12321	.10426	.00657
#2	.02055	.04135	.01217	.02182	.05817	.10673	.10195	.00625
#3	.02032	.04206	.01319	.02171	.05716	.11247	.10536	.00649
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	1.9686	.00908	.02952	.02203	.10435	.02215	2.0762
Stddev	.00004	.0409	.00034	.00010	.00014	.00183	.00051	.0521
%RSD	.68545	2.0796	3.7438	.34561	.61420	1.7507	2.3203	2.5101
#1	.00597	1.9651	.00911	.02951	.02196	.10562	.02263	2.1153
#2	.00599	1.9295	.00941	.02963	.02218	.10226	.02161	2.0170
#3	.00591	2.0112	.00873	.02943	.02194	.10518	.02221	2.0963
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04074	.01085	1.9350	.04168	.03898	1.9346	.21615	.11295
Stddev	.00058	.00044	.0415	.00066	.00026	.0691	.00035	.00281
%RSD	1.4292	4.0452	2.1446	1.5775	.66273	3.5713	.16039	2.4886
#1	.04091	.01105	1.9529	.04231	.03891	1.9448	.21639	.10971
#2	.04121	.01035	1.8876	.04100	.03926	1.8610	.21575	.11431
#3	.04009	.01116	1.9646	.04173	.03876	1.9981	.21630	.11481
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00610	.41592	.03577	.03960	.01841	.0186	F 14.168	F 1.5336
Stddev	.00183	.00277	.00020	.00197	.00110	.0007	.046	.4758
%RSD	30.014	.66518	.55020	4.9830	5.9822	3.573	.32382	31.028
#1	.00670	.41762	.03555	.04132	.01718	.0193	14.140	1.5284
#2	.00405	.41741	.03587	.04002	.01875	.0183	14.143	1.0604
#3	.00756	.41272	.03590	.03745	.01930	.0181	14.221	2.0120

Sample Name: LLICV01 Acquired: 6/19/2019 11:37:12 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .17110
Stddev	.29901
%RSD	174.76

#1	-.15532
#2	.43175
#3	.23687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.1	41139.	3909.2	73.486	3166.7
Stddev	6.8	692.	34.6	.356	10.8
%RSD	.21407	1.6832	.88470	.48502	.34081

#1	3165.3	40597.	3899.4	73.075	3156.4
#2	3172.2	41919.	3880.6	73.708	3166.0
#3	3178.8	40900.	3947.6	73.675	3177.9

Sample Name: ICB01 Acquired: 6/19/2019 11:41:37 Type: Unk
Method: P4-ICP2(v3217) 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	-.00036	.00011	-.00142	.00138	.00308	.01910	.00049
Stddev	.00030	.00041	.00104	.00036	.00070	.01582	.00015
%RSD	81.817	380.98	72.902	26.202	22.642	82.853	31.063

#1	-.00005	.00003	-.00106	.00097	.00329	.00359	.00060
#2	-.00065	.00055	-.00061	.00165	.00231	.01848	.00031
#3	-.00039	-.00025	-.00259	.00154	.00366	.03522	.00055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00000	-.00510	.00003	.00023	-.00028	-.00076
Stddev	.00002	.00005	.01048	.00015	.00018	.00013	.00067
%RSD	36.226	4230.6	205.41	540.73	78.012	45.095	88.317

#1	.00004	-.00000	-.01433	.00010	.00002	-.00039	.00001
#2	.00007	.00005	.00630	-.00015	.00035	-.00014	-.00122
#3	.00008	-.00004	-.00728	.00013	.00033	-.00031	-.00108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00509	.00051	.00047	-.10468	.00005	-.00018
Stddev	.00004	.01518	.00020	.00073	.00604	.00013	.00012
%RSD	99.084	297.89	39.202	153.80	5.7710	268.04	66.502

#1	-.00000	-.00254	.00073	-.00019	-.10627	.00016	-.00032
#2	-.00003	.00864	.00039	.00036	-.09800	.00009	-.00013
#3	-.00008	-.02139	.00039	.00126	-.10976	-.00010	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07361	-.00011	.00852	F -.01399	-.00182	-.00091	.00179
Stddev	.02778	.00022	.00253	.00174	.00048	.00048	.00049
%RSD	37.734	198.05	29.720	12.427	26.342	53.062	27.538

#1	-.10480	-.00017	.01075	-.01577	-.00205	-.00068	.00158
#2	-.05155	-.00030	.00577	-.01229	-.00214	-.00146	.00143
#3	-.06449	.00013	.00904	-.01392	-.00127	-.00058	.00235

Sample Name: ICB01 Acquired: 6/19/2019 11:41:37 Type: Unk
Method: P4-ICP2(v3217) 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	-0.00209	-0.0005	F 0.02303	F 2.0939	F 0.14224
Stddev	.00153	.0012	.01380	.0722	.23131
%RSD	73.053	243.0	59.910	3.4459	162.61
#1	-0.00213	.0006	.03480	2.0119	.26079
#2	-0.00055	-0.0019	.00785	2.1474	-.12431
#3	-0.00360	-0.0003	.02644	2.1226	.29025
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.9	41001.	3848.2	71.544	3167.3
Stddev	6.3	11.	21.1	1.572	11.5
%RSD	.19898	.02772	.54908	2.1970	.36463
#1	3157.9	41003.	3843.4	72.117	3154.0
#2	3166.9	40989.	3871.4	72.750	3173.8
#3	3170.0	41011.	3830.0	69.767	3174.1

Sample Name: CRI01 Acquired: 6/19/2019 11:46:05 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02053	.04198	.01205	.02244	.05556	.10965	.10429	.00647
Stddev	.00094	.00109	.00100	.00159	.00179	.01243	.00122	.00009
%RSD	4.5882	2.6029	8.2981	7.0704	3.2265	11.335	1.1670	1.4286
#1	.02116	.04087	.01105	.02176	.05763	.12210	.10518	.00649
#2	.01945	.04305	.01204	.02425	.05453	.09724	.10478	.00654
#3	.02098	.04200	.01305	.02131	.05451	.10962	.10290	.00636
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	1.9739	.00889	.02964	.02202	.10464	.02246	2.0036
Stddev	.00008	.0212	.00005	.00021	.00013	.00102	.00017	.0304
%RSD	1.3096	1.0743	.56839	.69447	.60965	.97817	.75314	1.5178
#1	.00598	1.9916	.00891	.02987	.02203	.10487	.02244	2.0343
#2	.00595	1.9799	.00893	.02947	.02215	.10553	.02263	1.9735
#3	.00610	1.9504	.00883	.02959	.02188	.10352	.02230	2.0030
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04106	.01063	1.9238	.04139	.03918	1.9224	.21530	.10675
Stddev	.00021	.00056	.0228	.00004	.00013	.0267	.00067	.00241
%RSD	.50327	5.2946	1.1854	.09585	.33794	1.3895	.31323	2.2545
#1	.04129	.01123	1.9359	.04141	.03931	1.9518	.21585	.10492
#2	.04103	.01011	1.9380	.04134	.03905	1.9158	.21551	.10585
#3	.04088	.01054	1.8975	.04140	.03917	1.8996	.21455	.10948
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00234	.41723	.03477	.03941	.01859	.0190	F 14.139	F 2.0064
Stddev	.00118	.00419	.00018	.00227	.00042	.0016	.018	.0795
%RSD	50.154	1.0048	.50824	5.7548	2.2693	8.432	.12765	3.9611
#1	.00346	.41370	.03476	.04175	.01892	.0204	14.122	1.9732
#2	.00245	.41613	.03460	.03722	.01872	.0193	14.158	2.0970
#3	.00112	.42186	.03496	.03927	.01811	.0173	14.137	1.9488

Sample Name: CRI01 Acquired: 6/19/2019 11:46:05 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .13532
Stddev	.17728
%RSD	131.01

#1	.21897
#2	.25531
#3	-.06831

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3184.3	41267.	3895.6	72.803	3178.1
Stddev	12.1	326.	25.0	1.906	8.8
%RSD	.38104	.78949	.64282	2.6181	.27724

#1	3170.3	41007.	3917.4	74.517	3168.5
#2	3192.1	41162.	3901.2	70.750	3185.7
#3	3190.4	41633.	3868.3	73.142	3180.2

Sample Name: ICSA01 Acquired: 6/19/2019 11:50:30 Type: Unk
Method: P4-ICP2(v3217) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00546	.01432	-.00427	-.00214	.01286	267.56	.00627
Stddev	.00337	.00133	.00050	.00143	.00316	.47	.00053
%RSD	61.692	9.2602	11.708	66.543	24.591	.17533	8.4473

#1	.00236	.01557	-.00386	-.00087	.01458	267.74	.00580
#2	.00904	.01446	-.00482	-.00368	.01480	267.03	.00685
#3	.00497	.01293	-.00412	-.00188	.00921	267.91	.00616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	-.00233	254.36	.05897	-.00029	.01014	90.064
Stddev	.00005	.00009	.85	.00043	.00013	.00038	.258
%RSD	4.9037	3.6429	.33521	.73455	45.076	3.7681	.28661

#1	.00105	-.00238	254.30	.05901	-.00039	.00973	90.339
#2	.00116	-.00238	253.54	.05938	-.00034	.01048	90.027
#3	.00109	-.00224	255.25	.05851	-.00014	.01023	89.827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01344	259.66	-.01341	-.00826	-.01987	.00072	-.01568
Stddev	.00016	1.15	.00041	.00035	.00744	.00029	.00017
%RSD	1.1886	.44307	3.0298	4.2818	37.431	40.808	1.1114

#1	.01361	259.47	-.01374	-.00846	-.02830	.00089	-.01575
#2	.01340	258.61	-.01296	-.00785	-.01708	.00038	-.01580
#3	.01330	260.89	-.01352	-.00847	-.01423	.00088	-.01548

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02484	-.00047	-.02866	F -.02382	-.00350	-.00518	-.01456
Stddev	.01105	.00038	.01167	.00069	.00167	.00024	.00112
%RSD	44.470	82.238	40.737	2.8812	47.717	4.6880	7.6796

#1	-.01467	-.00037	-.01736	-.02458	-.00184	-.00543	-.01584
#2	-.02327	-.00014	-.02794	-.02365	-.00348	-.00494	-.01406
#3	-.03660	-.00089	-.04067	-.02324	-.00518	-.00518	-.01377

Sample Name: ICSA01 Acquired: 6/19/2019 11:50:30 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.0004	F 65.595	4.1565	24.102
Stddev	.00083	.0006	.082	.0398	.319
%RSD	154.06	163.9	.12558	.95828	1.3223
#1	.00090	-.0011	65.687	4.1364	24.355
#2	.00114	-.0000	65.572	4.2024	24.209
#3	-.00041	-.0000	65.527	4.1307	23.744
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.9	36271.	3729.0	65.798	2505.5
Stddev	6.6	151.	22.4	1.418	2.7
%RSD	.23426	.41697	.60171	2.1549	.10637
#1	2834.2	36103.	3707.8	65.467	2504.8
#2	2824.4	36312.	3726.7	64.575	2503.3
#3	2837.1	36397.	3752.5	67.352	2508.4

Sample Name: ICSAB01 Acquired: 6/19/2019 11:55:08 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11198	.12598	.05891	.04908	.67551	266.25	.55914
Stddev	.00193	.00140	.00187	.00329	.00219	1.16	.00382
%RSD	1.7208	1.1136	3.1716	6.6961	.32434	.43677	.68315

#1	.11151	.12707	.06073	.04529	.67512	265.17	.55621
#2	.11410	.12647	.05699	.05109	.67787	267.48	.56346
#3	.11033	.12440	.05901	.05086	.67354	266.11	.55776

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55680	1.0475	252.18	.57863	.51793	.52371	89.629
Stddev	.00057	.0025	.65	.00240	.00048	.00130	.464
%RSD	.10175	.23676	.25623	.41490	.09262	.24917	.51764

#1	.55682	1.0499	251.67	.57597	.51762	.52222	89.146
#2	.55736	1.0476	252.91	.58063	.51848	.52466	90.071
#3	.55623	1.0450	251.97	.57928	.51770	.52426	89.670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53734	257.32	1.0161	.21371	-.01237	.52354	1.1067
Stddev	.00105	.87	.0008	.00065	.00395	.00085	.0030
%RSD	.19540	.33798	.08351	.30440	31.912	.16320	.26925

#1	.53716	256.63	1.0171	.21304	-.01428	.52285	1.1100
#2	.53848	258.30	1.0158	.21434	-.01499	.52450	1.1058
#3	.53640	257.03	1.0155	.21376	-.00783	.52327	1.1042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01931	1.0736	1.1004	F -.02981	.98445	1.0807	1.0390
Stddev	.01157	.0036	.0093	.00567	.00917	.0028	.0053
%RSD	59.915	.33164	.84321	19.028	.93110	.25990	.51324

#1	-.02892	1.0754	1.0978	-.03604	.99044	1.0834	1.0440
#2	-.02256	1.0758	1.0926	-.02846	.97389	1.0778	1.0395
#3	-.00647	1.0694	1.1107	-.02493	.98901	1.0809	1.0334

Sample Name: ICSAB01 Acquired: 6/19/2019 11:55:08 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00082	F -.0053	F 65.241	4.2419	24.339
Stddev	.00153	.0024	.462	.1135	.491
%RSD	185.43	46.59	.70781	2.6753	2.0164
#1	-.00033	-.0081	65.774	4.3327	23.774
#2	.00025	-.0037	64.986	4.2785	24.663
#3	.00256	-.0040	64.963	4.1147	24.580
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2834.0	36567.	3763.7	64.805	2490.4
Stddev	5.3	50.	15.3	.435	10.5
%RSD	.18691	.13549	.40632	.67096	.41975
#1	2828.0	36593.	3746.6	65.260	2478.6
#2	2836.0	36510.	3776.2	64.393	2494.3
#3	2838.1	36598.	3768.1	64.763	2498.4

Sample Name: CCV01 Acquired: 6/19/2019 11:59:32 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9027	4.9591	4.9044	4.9597	4.9709	9.9388	9.8285	.24681
Stddev	.0073	.0073	.0087	.0088	.0057	.0591	.0340	.00120
%RSD	.14827	.14809	.17692	.17738	.11422	.59440	.34566	.48649
#1	4.9109	4.9667	4.9108	4.9497	4.9772	9.9398	9.8411	.24786
#2	4.9003	4.9520	4.8945	4.9631	4.9695	9.9974	9.8544	.24708
#3	4.8969	4.9585	4.9078	4.9662	4.9661	9.8792	9.7901	.24550
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4469	24.502	.98276	2.4483	1.2475	4.9115	2.5149	24.250
Stddev	.0019	.158	.00317	.0016	.0001	.0152	.0089	.121
%RSD	.07972	.64639	.32297	.06625	.01089	.30955	.35444	.49755
#1	2.4490	24.507	.98218	2.4502	1.2474	4.9127	2.5180	24.237
#2	2.4465	24.658	.98618	2.4471	1.2475	4.9261	2.5218	24.376
#3	2.4452	24.342	.97992	2.4478	1.2477	4.8957	2.5048	24.136
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4533	1.2267	24.503	2.4588	2.4654	24.387	4.9646	4.9299
Stddev	.0020	.0033	.073	.0050	.0041	.084	.0012	.0200
%RSD	.08175	.26645	.29599	.20180	.16751	.34536	.02347	.40561
#1	2.4555	1.2284	24.508	2.4592	2.4699	24.454	4.9658	4.9417
#2	2.4527	1.2289	24.573	2.4636	2.4645	24.415	4.9645	4.9411
#3	2.4516	1.2230	24.428	2.4537	2.4618	24.293	4.9635	4.9068
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8710	4.8357	4.8735	4.9033	4.8973	4.934	F .76460	F 3.5328
Stddev	.0239	.0149	.0065	.0165	.0246	.004	.05255	.0499
%RSD	.49134	.30806	.13323	.33563	.50170	.0761	6.8723	1.4120
#1	4.8949	4.8478	4.8724	4.8900	4.9236	4.937	.81186	3.5898
#2	4.8470	4.8190	4.8676	4.8982	4.8750	4.930	.70802	3.4973
#3	4.8712	4.8402	4.8804	4.9217	4.8932	4.935	.77393	3.5111

Sample Name: CCV01 Acquired: 6/19/2019 11:59:32 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2510
Stddev	.1872
%RSD	8.3163

#1	2.0506
#2	2.4214
#3	2.2809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3037.5	39290.	3843.6	69.711	2805.9
Stddev	8.5	98.	15.0	2.692	9.4
%RSD	.27962	.24925	.39103	3.8610	.33535

#1	3032.8	39286.	3830.8	69.728	2797.8
#2	3032.3	39194.	3860.2	67.011	2803.6
#3	3047.3	39390.	3840.0	72.394	2816.2

Sample Name: LLCCV01 Acquired: 6/19/2019 12:08:22 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02122	.04250	.01176	.02215	.05508	.10572	.10449	.00652
Stddev	.00066	.00023	.00101	.00160	.00142	.00885	.00026	.00005
%RSD	3.1200	.53130	8.5906	7.2401	2.5867	8.3733	.24774	.77648
#1	.02066	.04244	.01204	.02357	.05344	.09849	.10462	.00646
#2	.02106	.04274	.01259	.02248	.05599	.10307	.10419	.00656
#3	.02195	.04230	.01064	.02041	.05582	.11559	.10465	.00652
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	1.9798	.00917	.02972	.02226	.10561	.02269	2.0091
Stddev	.00008	.0122	.00018	.00021	.00013	.00084	.00008	.0140
%RSD	1.4155	.61485	1.9860	.72122	.58599	.79705	.35395	.69590
#1	.00593	1.9881	.00926	.02995	.02228	.10473	.02260	2.0033
#2	.00588	1.9854	.00929	.02969	.02238	.10640	.02276	2.0251
#3	.00604	1.9658	.00896	.02952	.02212	.10572	.02271	1.9990
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04127	.01105	1.9455	.04232	.03918	1.8991	.21759	.10486
Stddev	.00031	.00009	.0127	.00021	.00016	.0146	.00035	.01085
%RSD	.74484	.79473	.65259	.48939	.40225	.77075	.15917	10.344
#1	.04155	.01113	1.9437	.04222	.03927	1.8888	.21762	.10828
#2	.04132	.01106	1.9590	.04219	.03927	1.8926	.21722	.09271
#3	.04094	.01095	1.9338	.04256	.03900	1.9158	.21791	.11358
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00303	.42355	.03531	.03953	.01747	.0205	F 14.262	F 2.5673
Stddev	.00096	.00478	.00025	.00321	.00200	.0008	.065	.0724
%RSD	31.528	1.1285	.70459	8.1205	11.450	3.760	.45736	2.8195
#1	.00197	.42153	.03503	.03773	.01565	.0197	14.337	2.6433
#2	.00331	.42012	.03548	.03762	.01961	.0205	14.215	2.4991
#3	.00382	.42901	.03543	.04324	.01714	.0213	14.236	2.5594

Sample Name: LLCCV01 Acquired: 6/19/2019 12:08:22 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .07673
Stddev .17731
%RSD 231.10

#1 .12938
#2 .22175
#3 -.12095

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.3	40944.	3848.4	72.317	3159.9
Stddev	9.4	69.	6.5	1.528	6.3
%RSD	.29770	.16846	.16764	2.1124	.19865

#1	3154.0	40866.	3852.7	74.067	3154.9
#2	3172.5	40974.	3851.6	71.250	3166.9
#3	3160.3	40994.	3841.0	71.633	3157.8

Sample Name: CCB01 Acquired: 6/19/2019 12:12:49 Type: Unk
Method: P4-ICP2(v3217) 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	.00047	.00056	-.00165	-.00093	.00067	.00611	.00105
Stddev	.00081	.00043	.00034	.00043	.00138	.00180	.00034
%RSD	174.39	77.400	20.693	46.200	204.70	29.483	32.330

#1	.00088	.00025	-.00168	-.00080	.00226	.00651	.00072
#2	-.00047	.00037	-.00197	-.00058	.00001	.00768	.00102
#3	.00099	.00105	-.00129	-.00141	-.00025	.00414	.00140

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	-.01091	.00003	.00001	-.00019	-.00058
Stddev	.00002	.00005	.01056	.00020	.00017	.00023	.00008
%RSD	34.296	253.96	96.819	608.48	2560.0	122.36	13.042

#1	.00005	.00007	-.00385	-.00018	-.00017	-.00040	-.00066
#2	.00006	-.00001	-.00583	.00005	.00017	-.00021	-.00057
#3	.00003	-.00001	-.02305	.00022	.00003	.00005	-.00051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.01002	.00063	.00009	-.11702	.00009	-.00027
Stddev	.00004	.03432	.00040	.00051	.00734	.00009	.00010
%RSD	24.373	342.67	62.986	541.80	6.2721	96.806	36.732

#1	-.00012	.02507	.00098	.00064	-.12380	.00001	-.00016
#2	-.00017	-.02926	.00020	-.00035	-.10923	.00008	-.00034
#3	-.00020	.03424	.00073	-.00001	-.11803	.00018	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11210	-.00021	-.00039	F -.01715	-.00098	-.00157	.00083
Stddev	.02353	.00012	.00457	.00190	.00154	.00028	.00186
%RSD	20.994	58.188	1185.8	11.088	156.77	17.767	223.58

#1	-.11801	-.00007	.00222	-.01904	-.00195	-.00187	.00061
#2	-.13212	-.00027	.00229	-.01717	.00079	-.00132	.00279
#3	-.08618	-.00030	-.00566	-.01524	-.00178	-.00151	-.00091

Sample Name: CCB01 Acquired: 6/19/2019 12:12:49 Type: Unk
Method: P4-ICP2(v3217) 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	-0.00247	-0.0011	F .03680	F 2.5620	F .10335
Stddev	.00070	.0008	.04899	.0537	.08080
%RSD	28.311	66.37	133.11	2.0970	78.186

#1	-0.00193	-0.0004	.09249	2.5267	.01116
#2	-0.00222	-0.0010	.01758	2.6238	.16190
#3	-0.00325	-0.0019	.00034	2.5355	.13698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.5	40865.	3807.3	71.472	3163.6
Stddev	2.7	161.	14.6	1.851	.6
%RSD	.08445	.39341	.38393	2.5895	.01935

#1	3162.2	40698.	3808.3	71.533	3164.1
#2	3157.5	41018.	3792.3	73.292	3162.9
#3	3161.9	40878.	3821.5	69.592	3163.8

Sample Name: K3369-19 Acquired: 6/19/2019 12:17:06 Type: Unk
Method: P4-ICP2(v3217) 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	.00146	.00153	.00083	.00080	-.00076	.02876	.04964	.00008
Stddev	.00105	.00046	.00074	.00077	.00121	.00352	.00058	.00005
%RSD	72.215	30.299	89.363	97.088	159.98	12.241	1.1607	58.868

#1	.00218	.00188	.00136	.00004	-.00130	.03272	.04900	.00010
#2	.00025	.00171	-.00002	.00076	.00063	.02756	.05011	.00003
#3	.00195	.00100	.00113	.00159	-.00161	.02599	.04981	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.76603	-.00040	.00020	.00010	.00067	.00338	.01307
Stddev	.00003	.00776	.00022	.00003	.00043	.00017	.00004	.03614
%RSD	92.635	1.0127	54.924	14.385	415.53	25.394	1.0781	276.52

#1	-.00000	.76916	-.00020	.00023	-.00030	.00051	.00343	-.00497
#2	-.00006	.77174	-.00037	.00019	.00056	.00066	.00336	.05468
#3	-.00003	.75720	-.00064	.00017	.00006	.00085	.00336	-.01050

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00033	64.178	.00015	.02102	.04336	-.00022	.00523
Stddev	.00001	.00012	.253	.00028	.00001	.01358	.00018	.00661
%RSD	5.7173	37.575	.39450	191.00	.04886	31.310	81.338	126.42

#1	.00013	.00026	63.892	.00030	.02103	.05841	-.00008	.00071
#2	.00014	.00025	64.266	.00032	.02101	.03967	-.00016	.01282
#3	.00015	.00047	64.375	-.00018	.02103	.03202	-.00042	.00216

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04942	.06279	-.00173	.00085	-.00367	-.0020	4.1211	3.3426
Stddev	.00430	.00169	.00047	.00086	.00066	.0008	.0280	.1438
%RSD	8.7054	2.6945	27.313	100.85	18.008	41.13	.67970	4.3024

#1	.05321	.06458	-.00132	.00064	-.00414	-.0029	4.1256	3.4721
#2	.05031	.06257	-.00161	.00179	-.00396	-.0018	4.1465	3.3680
#3	.04474	.06121	-.00224	.00012	-.00292	-.0013	4.0911	3.1878

Sample Name: K3369-19 Acquired: 6/19/2019 12:17:06 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .29319
 Stddev .38621
 %RSD 131.73

#1 -.11030
 #2 .33045
 #3 .65941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.7	39478.	3802.5	70.840	2949.5
Stddev	3.9	154.	11.5	.867	5.9
%RSD	.12555	.38995	.30261	1.2245	.20166

#1	3071.7	39577.	3814.0	70.645	2942.9
#2	3076.2	39301.	3802.5	70.087	2951.3
#3	3079.3	39557.	3790.9	71.789	2954.4

Sample Name: PB120714BL Acquired: 6/19/2019 12:21:36 Type: Unk
Method: P4-ICP2(v3217) 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	-.00031	.00023	-.00157	.00119	-.00008	.01187	.00108
Stddev	.00045	.00081	.00037	.00139	.00154	.01271	.00041
%RSD	144.13	355.68	23.258	117.05	1884.8	107.01	37.543

#1	-.00003	-.00065	-.00196	.00041	-.00183	-.00008	.00097
#2	-.00007	.00094	-.00153	.00279	.00107	.01049	.00075
#3	-.00083	.00039	-.00123	.00036	.00051	.02521	.00154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00001	.00378	.00005	.00029	.00016	-.00075
Stddev	.00002	.00008	.01709	.00030	.00007	.00025	.00041
%RSD	21.598	1255.1	452.73	545.19	24.337	155.14	55.455

#1	.00006	-.00009	.01360	-.00028	.00021	.00041	-.00065
#2	.00007	.00000	.01369	.00029	.00031	-.00009	-.00039
#3	.00009	.00007	-.01596	.00015	.00035	.00017	-.00120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.03899	.00029	-.00001	-.10278	.00000	-.00026
Stddev	.00004	.00528	.00028	.00062	.00562	.00018	.00007
%RSD	28.804	13.539	94.757	7424.7	5.4703	30511.	26.400

#1	-.00015	-.04498	-.00002	-.00062	-.09675	-.00010	-.00027
#2	-.00010	-.03697	.00037	.00061	-.10787	-.00010	-.00032
#3	-.00018	-.03502	.00051	-.00001	-.10373	.00021	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10965	-.00039	.00712	F -.01723	-.00019	-.00210	.00146
Stddev	.02201	.00010	.00609	.00288	.00149	.00015	.00079
%RSD	20.075	25.528	85.505	16.714	802.59	7.3769	53.753

#1	-.13504	-.00051	.01067	-.01462	-.00178	-.00225	.00059
#2	-.09595	-.00035	.00009	-.01675	.00116	-.00195	.00211
#3	-.09796	-.00032	.01060	-.02032	.00007	-.00209	.00170

Sample Name: PB120714BL Acquired: 6/19/2019 12:21:36 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00381	-0.0010	F .09432	F 2.9181	F .26655
Stddev	.00218	.0011	.03683	.0490	.10964
%RSD	57.300	103.7	39.044	1.6795	41.133
#1	-0.00616	.0002	.07005	2.8839	.19519
#2	-0.00185	-0.0013	.07621	2.9743	.39279
#3	-0.00343	-0.0019	.13669	2.8963	.21166
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.2	40546.	3779.5	72.575	3152.1
Stddev	3.4	113.	30.8	.969	2.4
%RSD	.10954	.27976	.81537	1.3345	.07655
#1	3143.7	40467.	3807.3	71.467	3149.6
#2	3147.2	40676.	3746.3	73.258	3154.5
#3	3150.6	40495.	3784.8	73.000	3152.2

Sample Name: PB120714BS Acquired: 6/19/2019 12:26:06 Type: Unk
Method: P4-ICP2(v3217) 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	.74677	1.9404	.95369	1.9072	.78955	1.9136	.18991
Stddev	.00333	.0049	.00005	.0023	.00115	.0168	.00185
%RSD	.44573	.25330	.00527	.11888	.14614	.87623	.97478

#1	.74834	1.9374	.95374	1.9053	.78860	1.8943	.18778
#2	.74294	1.9461	.95368	1.9065	.78922	1.9215	.19085
#3	.74901	1.9378	.95364	1.9097	.79083	1.9249	.19111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19145	.18465	F 1.4441	.38758	.18863	.31300	3.0179
Stddev	.00044	.00054	.0103	.00036	.00014	.00057	.0051
%RSD	.23176	.29341	.71233	.09174	.07163	.18297	.17009

#1	.19192	.18528	1.4326	.38797	.18877	.31256	3.0234
#2	.19104	.18433	1.4524	.38749	.18861	.31280	3.0133
#3	.19139	.18435	1.4474	.38728	.18850	.31365	3.0171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20514	1.8710	.47558	.07255	2.7783	.29987	.18285
Stddev	.00047	.0141	.00062	.00017	.0250	.00062	.00017
%RSD	.23022	.75418	.13014	.23477	.89899	.20548	.09170

#1	.20496	1.8561	.47618	.07261	2.7545	.30000	.18304
#2	.20568	1.8841	.47494	.07268	2.7761	.29920	.18279
#3	.20479	1.8729	.47562	.07236	2.8043	.30042	.18273

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4034	.40264	.29283	F -.01722	.92814	.63438	.17534
Stddev	.0452	.00075	.00490	.01279	.00496	.00219	.00374
%RSD	.48015	.18567	1.6741	74.298	.53400	.34564	2.1333

#1	9.3520	.40262	.29847	-.02318	.93380	.63477	.17256
#2	9.4364	.40339	.29038	-.02594	.92461	.63636	.17388
#3	9.4219	.40190	.28963	-.00253	.92600	.63202	.17960

Sample Name: PB120714BS Acquired: 6/19/2019 12:26:06 Type: Unk
Method: P4-ICP2(v3217) 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	.20514	5.408	F 132.03	F 2.8997	F<.00000
Stddev	.00111	.013	.42	.0486	.09869
%RSD	.54210	.2337	.31885	1.6756	22.481
#1	.20386	5.404	131.62	2.8436	-.53531
#2	.20570	5.421	132.00	2.9292	-.44365
#3	.20587	5.397	132.46	2.9263	-.33809
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.0	41285.	3812.8	71.989	3171.5
Stddev	3.2	55.	18.9	1.788	3.4
%RSD	.10197	.13296	.49487	2.4833	.10798
#1	3180.1	41241.	3794.1	70.133	3175.2
#2	3173.6	41266.	3812.5	73.700	3168.5
#3	3177.1	41346.	3831.9	72.133	3170.7

Sample Name: PB120714TB Acquired: 6/19/2019 12:30:13 Type: Unk
Method: P4-ICP2(v3217) 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	-.00239	-.00039	.00097	.00341	.00434	.01676	.00047
Stddev	.00007	.00035	.00020	.00298	.00110	.00658	.00021
%RSD	3.1071	89.057	20.218	87.617	25.376	39.250	46.140

#1	-.00240	-.00036	.00074	.00116	.00453	.01982	.00071
#2	-.00246	-.00006	.00109	.00679	.00533	.00921	.00034
#3	-.00231	-.00076	.00107	.00227	.00315	.02126	.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00011	.01846	.00071	.00008	.00011	.00161
Stddev	.00003	.00001	.00973	.00031	.00009	.00057	.00027
%RSD	39.540	10.549	52.725	43.376	119.11	516.92	16.746

#1	-.00004	-.00011	.02158	.00101	-.00001	.00077	.00136
#2	-.00007	-.00013	.00755	.00039	.00018	-.00017	.00190
#3	-.00009	-.00011	.02625	.00074	.00007	-.00026	.00158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01083	.00151	.00123	F 275.94	-.00020	.00349
Stddev	.00006	.02887	.00019	.00024	1.58	.00024	.00009
%RSD	100.91	266.45	12.603	19.099	.57179	116.93	2.4401

#1	-.00004	.01682	.00134	.00108	274.13	-.00019	.00357
#2	-.00001	-.00854	.00146	.00151	276.71	.00003	.00340
#3	-.00012	-.04078	.00171	.00111	276.98	-.00045	.00349

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05684	-.00014	-.00040	F -.01305	.00865	.00003	.00129
Stddev	.04279	.00029	.00807	.00116	.00099	.00076	.00042
%RSD	75.275	199.52	2035.0	8.8789	11.427	2387.7	32.560

#1	-.09159	-.00025	-.00503	-.01373	.00769	.00088	.00103
#2	-.06990	-.00036	-.00509	-.01171	.00859	-.00019	.00178
#3	-.00905	.00018	.00892	-.01371	.00966	-.00060	.00107

Sample Name: PB120714TB Acquired: 6/19/2019 12:30:13 Type: Unk
Method: P4-ICP2(v3217) 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	.00291	-.0005	F .07170	4.1016	.20323
Stddev	.00273	.0010	.01254	.0539	.09046
%RSD	94.006	189.0	17.489	1.3134	44.513
#1	-.00023	-.0004	.08419	4.0455	.16239
#2	.00479	-.0016	.05911	4.1065	.30691
#3	.00415	.0004	.07180	4.1529	.14039
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2963.7	37994.	3739.8	68.639	2765.8
Stddev	14.3	160.	13.5	.870	10.2
%RSD	.48206	.42070	.36187	1.2673	.36893
#1	2949.4	37894.	3726.7	69.242	2756.8
#2	2978.0	37911.	3738.8	67.642	2776.9
#3	2963.6	38179.	3753.7	69.033	2763.8

Sample Name: K3157-03 Acquired: 6/19/2019 12:34:48 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02632	.01134	.22402	.00403	.00928	151.47	.66541	.00912
Stddev	.00203	.00182	.00005	.00317	.00200	.70	.00310	.00002
%RSD	7.7237	16.064	.02163	78.640	21.527	.45952	.46603	.22681
#1	.02411	.00985	.22400	.00391	.00987	151.80	.66824	.00911
#2	.02810	.01337	.22400	.00092	.00705	150.67	.66210	.00915
#3	.02677	.01081	.22408	.00726	.01092	151.95	.66590	.00912
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00268	143.47	.20376	.14839	.40967	234.00	4.3102	78.737
Stddev	.00029	.53	.00100	.00043	.00261	1.66	.0189	.284
%RSD	10.648	.37175	.49222	.29239	.63689	.70824	.43871	.36072
#1	.00296	143.76	.20455	.14873	.40933	233.30	4.3106	78.972
#2	.00268	142.85	.20263	.14855	.41244	232.82	4.3289	78.422
#3	.00239	143.79	.20409	.14790	.40725	235.90	4.2910	78.818
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24956	-.03229	11.058	.51145	.67505	19.706	.00761	-.09174
Stddev	.00075	.00017	.052	.00162	.00291	.057	.00033	.00592
%RSD	.30065	.52963	.47103	.31627	.43115	.29143	4.3589	6.4566
#1	.25029	-.03246	11.109	.51280	.67833	19.726	.00732	-.09857
#2	.24959	-.03211	11.005	.50966	.67404	19.642	.00755	-.08859
#3	.24879	-.03229	11.058	.51190	.67278	19.751	.00797	-.08805
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9832	2.1255	-.02713	4.4300	.19718	9.205	F 251.40	<.00000
Stddev	.0251	.0153	.00057	.0084	.00081	.014	.94	.15427
%RSD	.25171	.71893	2.0994	.18943	.41279	.1528	.37543	11.884
#1	9.9620	2.1347	-.02768	4.4289	.19777	9.207	251.96	-1.4136
#2	9.9767	2.1339	-.02654	4.4389	.19625	9.218	251.93	-1.1230
#3	10.011	2.1078	-.02717	4.4222	.19752	9.191	250.31	-1.3581

Sample Name: K3157-03 Acquired: 6/19/2019 12:34:48 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	78.372
Stddev	.160
%RSD	.20354

#1	78.196
#2	78.410
#3	78.508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.9	45442.	4592.5	66.752	2530.7
Stddev	11.9	59.	16.3	.711	9.2
%RSD	.33815	.13047	.35512	1.0655	.36418

#1	3512.7	45452.	4595.7	67.554	2523.6
#2	3504.2	45496.	4574.8	66.198	2527.4
#3	3527.7	45378.	4607.0	66.504	2541.1

Sample Name: K3157-05 Acquired: 6/19/2019 12:39:20 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02014	.00744	.19594	.00855	.00751	122.32	.55478	.00776
Stddev	.00161	.00040	.00149	.00117	.00044	.69	.00232	.00006
%RSD	7.9922	5.3592	.76109	13.694	5.9220	.56121	.41785	.81447
#1	.01832	.00731	.19751	.00960	.00731	121.59	.55219	.00783
#2	.02137	.00712	.19578	.00877	.00802	122.42	.55548	.00774
#3	.02073	.00789	.19454	.00729	.00720	122.95	.55667	.00771
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	134.52	.20940	.16412	.49958	211.03	3.6335	86.696
Stddev	.00022	.31	.00130	.00049	.00119	.78	.0121	.353
%RSD	11.120	.23215	.62003	.30003	.23900	.36897	.33162	.40751
#1	.00178	134.17	.21074	.16367	.49835	211.84	3.6419	86.442
#2	.00218	134.77	.20932	.16465	.50073	210.28	3.6389	86.545
#3	.00185	134.60	.20815	.16404	.49965	210.98	3.6197	87.099
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28438	-.02815	10.842	.49140	.58704	21.850	.00841	-.02976
Stddev	.00109	.00027	.030	.00067	.00200	.119	.00032	.01453
%RSD	.38297	.97481	.27397	.13621	.34092	.54598	3.7580	48.834
#1	.28386	-.02804	10.810	.49149	.58926	21.724	.00809	-.04546
#2	.28563	-.02794	10.847	.49203	.58536	21.865	.00872	-.02704
#3	.28366	-.02846	10.869	.49070	.58651	21.961	.00842	-.01678
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.246	1.4150	-.01650	5.6703	.17557	F 10.70	F 178.39	<.00000
Stddev	.049	.0137	.00096	.0395	.00125	.06	.75	.06460
%RSD	.43988	.96661	5.8182	.69737	.71084	.5200	.41963	3.7612
#1	11.292	1.4263	-.01721	5.6672	.17413	10.72	178.43	-1.6755
#2	11.254	1.3998	-.01541	5.6325	.17627	10.74	177.62	-1.7919
#3	11.194	1.4188	-.01689	5.7114	.17631	10.64	179.12	-1.6852

Sample Name: K3157-05 Acquired: 6/19/2019 12:39:20 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	67.219
Stddev	.199
%RSD	.29551

#1	66.996
#2	67.379
#3	67.281

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3615.4	46626.	4722.5	66.090	2548.1
Stddev	11.1	70.	18.9	1.483	6.2
%RSD	.30674	.15112	.39983	2.2434	.24483

#1	3613.0	46586.	4706.1	66.954	2543.2
#2	3627.4	46585.	4743.2	66.938	2555.1
#3	3605.6	46708.	4718.3	64.378	2545.9

Sample Name: K3157-07 Acquired: 6/19/2019 12:43:53 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03196	.01172	.28048	.00306	.00821	148.65	.76118	.00950
Stddev	.00118	.00188	.00101	.00104	.00209	.91	.00522	.00018
%RSD	3.6963	16.068	.35989	34.013	25.388	.61319	.68559	1.8921
#1	.03091	.01121	.28087	.00425	.00860	147.60	.75516	.00961
#2	.03324	.01381	.28123	.00232	.00596	149.26	.76390	.00960
#3	.03173	.01014	.27933	.00260	.01008	149.10	.76447	.00929
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00426	140.00	.25386	.16753	.49963	233.52	4.3872	80.203
Stddev	.00034	.89	.00147	.00067	.00093	1.35	.0189	.695
%RSD	8.0183	.63487	.58016	.39998	.18554	.57600	.42981	.86636
#1	.00462	138.97	.25296	.16823	.49857	232.13	4.3675	79.453
#2	.00395	140.56	.25556	.16747	.50030	234.82	4.3891	80.331
#3	.00420	140.46	.25306	.16689	.50003	233.60	4.4051	80.825
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30004	-.03367	18.709	.59303	.75274	19.945	.00757	-.01437
Stddev	.00047	.00097	.089	.00090	.00395	.143	.00026	.01400
%RSD	.15574	2.8874	.47421	.15214	.52487	.71716	3.4999	97.430
#1	.29959	-.03475	18.608	.59242	.75723	19.782	.00736	-.02543
#2	.30001	-.03342	18.749	.59406	.75123	20.009	.00786	-.01904
#3	.30053	-.03285	18.771	.59260	.74977	20.046	.00747	.00137
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.229	2.2952	-.01535	4.9387	.19486	F 11.00	F 237.79	<.00000
Stddev	.039	.0091	.00036	.0270	.00191	.00	1.57	.15638
%RSD	.31897	.39618	2.3775	.54711	.98242	.0389	.65912	9.0166
#1	12.184	2.2876	-.01535	4.9075	.19323	11.01	236.43	-1.5959
#2	12.249	2.2928	-.01498	4.9540	.19438	11.00	237.42	-1.7033
#3	12.254	2.3053	-.01571	4.9546	.19697	11.00	239.50	-1.9039

Sample Name: K3157-07 Acquired: 6/19/2019 12:43:53 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	81.154
Stddev	.325
%RSD	.40064

#1	81.501
#2	80.857
#3	81.104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.6	46683.	4751.6	66.157	2521.3
Stddev	13.8	74.	8.5	.877	9.1
%RSD	.38364	.15753	.17865	1.3252	.36279

#1	3592.9	46682.	4750.7	65.295	2511.3
#2	3606.2	46610.	4760.4	66.128	2523.2
#3	3620.6	46757.	4743.5	67.047	2529.3

Sample Name: K3157-09 Acquired: 6/19/2019 12:48:26 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03774	.01213	.50542	.00516	.00771	141.04	.74985	.00866
Stddev	.00155	.00037	.00269	.00134	.00038	.44	.00172	.00009
%RSD	4.1044	3.0488	.53152	26.046	4.9575	.31159	.22995	1.0401
#1	.03867	.01171	.50850	.00562	.00727	140.99	.74812	.00864
#2	.03860	.01240	.50354	.00365	.00790	141.50	.74986	.00876
#3	.03595	.01229	.50422	.00622	.00797	140.62	.75156	.00858
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	103.41	.23572	.14721	.56483	212.84	4.4798	61.404
Stddev	.00014	.07	.00121	.00022	.00080	.25	.0294	.078
%RSD	5.3904	.06399	.51513	.14752	.14175	.11754	.65690	.12711
#1	.00245	103.39	.23484	.14697	.56541	213.06	4.4606	61.384
#2	.00268	103.49	.23711	.14740	.56516	212.56	4.4651	61.490
#3	.00244	103.36	.23521	.14724	.56391	212.89	4.5137	61.339
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25658	-.02763	10.793	.49316	.89374	15.055	.00656	.18771
Stddev	.00055	.00014	.027	.00234	.00174	.048	.00015	.00706
%RSD	.21415	.49536	.24755	.47456	.19430	.31815	2.3207	3.7612
#1	.25711	-.02766	10.788	.49290	.89371	15.032	.00638	.18191
#2	.25661	-.02775	10.822	.49562	.89549	15.110	.00666	.19557
#3	.25601	-.02748	10.769	.49096	.89202	15.023	.00663	.18565
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.390	1.5628	.03557	3.5164	.14686	9.481	F 144.37	<.00000
Stddev	.004	.0121	.00120	.0082	.00115	.012	.16	.20041
%RSD	.02967	.77085	3.3760	.23436	.78382	.1241	.10976	12.488
#1	12.393	1.5737	.03681	3.5071	.14643	9.485	144.53	-1.4350
#2	12.386	1.5648	.03442	3.5228	.14599	9.490	144.21	-1.5538
#3	12.390	1.5498	.03547	3.5194	.14817	9.468	144.36	-1.8259

Sample Name: K3157-09 Acquired: 6/19/2019 12:48:26 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	72.241
Stddev	.852
%RSD	1.1791

#1	71.317
#2	72.995
#3	72.411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.4	46738.	4728.4	69.312	2605.0
Stddev	8.9	85.	10.8	1.866	6.8
%RSD	.24423	.18272	.22824	2.6917	.26201

#1	3626.2	46724.	4718.8	69.478	2604.2
#2	3619.2	46829.	4740.1	71.089	2598.6
#3	3636.8	46660.	4726.1	67.368	2612.2

Sample Name: K3158-03 Acquired: 6/19/2019 12:52:59 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02351	.00960	.13887	.00508	.00629	115.57	.48394	.00702
Stddev	.00201	.00097	.00211	.00099	.00091	.26	.00168	.00006
%RSD	8.5447	10.061	1.5205	19.494	14.471	.22270	.34642	.84844
#1	.02126	.00860	.13806	.00548	.00651	115.35	.48371	.00708
#2	.02513	.01053	.13728	.00396	.00529	115.85	.48572	.00696
#3	.02414	.00966	.14126	.00582	.00706	115.50	.48239	.00703
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	100.12	.15000	.12109	.25892	191.27	3.9555	71.017
Stddev	.00007	.20	.00075	.00082	.00042	.30	.0320	.130
%RSD	51.050	.19660	.49933	.67726	.16398	.15929	.80881	.18269
#1	.00009	100.01	.14914	.12019	.25843	191.28	3.9517	70.883
#2	.00009	100.35	.15030	.12129	.25923	191.58	3.9256	71.025
#3	.00021	100.01	.15055	.12179	.25908	190.97	3.9892	71.142
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20563	-.02297	5.9128	.33790	.52906	16.037	.00414	-.06922
Stddev	.00024	.00036	.0164	.00062	.00131	.031	.00013	.00456
%RSD	.11460	1.5746	.27736	.18310	.24673	.19358	3.0894	6.5913
#1	.20538	-.02317	5.9006	.33719	.53047	16.028	.00426	-.06716
#2	.20568	-.02255	5.9314	.33831	.52879	16.012	.00416	-.06606
#3	.20584	-.02319	5.9063	.33820	.52790	16.072	.00400	-.07445
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7518	1.7209	-.00914	3.9522	.16813	8.155	F 121.59	<.00000
Stddev	.0172	.0102	.00075	.0164	.00179	.010	.74	.19551
%RSD	.45846	.59409	8.2633	.41357	1.0667	.1210	.60693	31.941
#1	3.7711	1.7097	-.00885	3.9590	.16713	8.166	120.99	-.75281
#2	3.7382	1.7233	-.00999	3.9335	.16706	8.150	121.36	-.38885
#3	3.7461	1.7297	-.00856	3.9640	.17020	8.147	122.41	-.69459

Sample Name: K3158-03 Acquired: 6/19/2019 12:52:59 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	63.425
Stddev	.832
%RSD	1.3118

#1	62.864
#2	63.029
#3	64.380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.9	45841.	4589.8	67.966	2627.1
Stddev	3.9	107.	18.9	.673	1.2
%RSD	.10979	.23269	.41145	.99017	.04690

#1	3542.8	45718.	4593.9	67.221	2626.0
#2	3535.0	45906.	4606.3	68.145	2626.9
#3	3539.0	45898.	4569.2	68.531	2628.5

Sample Name: K3163-09 Acquired: 6/19/2019 12:57:33 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04139	-.00389	.18658	-.00282	.00560	124.64	.40399	.00878
Stddev	.00087	.00076	.00077	.00322	.00098	.55	.00171	.00007
%RSD	2.0946	19.558	.41077	114.10	17.590	.44129	.42344	.83791
#1	.04229	-.00410	.18701	-.00496	.00660	124.03	.40255	.00870
#2	.04130	-.00304	.18704	.00088	.00463	125.11	.40588	.00883
#3	.04057	-.00452	.18570	-.00439	.00556	124.77	.40354	.00882
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01830	84.781	.15852	.24645	.51330	216.63	3.9806	43.357
Stddev	.00008	.070	.00038	.00057	.00062	.97	.0216	.181
%RSD	.42325	.08308	.23693	.23000	.12136	.44837	.54272	.41847
#1	.01821	84.788	.15887	.24591	.51393	217.11	4.0048	43.160
#2	.01834	84.707	.15857	.24638	.51268	215.51	3.9738	43.517
#3	.01834	84.848	.15812	.24704	.51329	217.27	3.9633	43.395
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26274	-.03645	8.8950	.62028	.78338	11.570	.00502	.02934
Stddev	.00108	.00030	.0428	.00255	.00064	.027	.00010	.01429
%RSD	.41040	.82014	.48150	.41190	.08201	.22913	2.0469	48.719
#1	.26175	-.03611	8.8491	.61999	.78264	11.540	.00492	.04357
#2	.26389	-.03659	8.9339	.61789	.78370	11.588	.00513	.01499
#3	.26259	-.03665	8.9021	.62297	.78381	11.583	.00502	.02946
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7976	1.0119	.00769	7.0909	.11560	F 15.38	F 73.188	<.00000
Stddev	.0175	.0096	.00052	.0009	.00080	.04	.105	.45877
%RSD	.17882	.94973	6.8048	.01209	.68998	.2893	.14339	4.5408
#1	9.8017	1.0098	.00719	7.0900	.11640	15.36	73.273	-9.8605
#2	9.7784	1.0035	.00764	7.0917	.11481	15.35	73.221	-10.632
#3	9.8127	1.0224	.00823	7.0911	.11559	15.43	73.071	-9.8170

Sample Name: K3163-09 Acquired: 6/19/2019 12:57:33 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 104.71
Stddev	1.63
%RSD	1.5560

#1	103.37
#2	104.22
#3	106.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4963.9	64752.	6557.1	67.710	2505.1
Stddev	8.2	89.	24.3	1.034	4.4
%RSD	.16584	.13795	.37011	1.5273	.17416

#1	4954.8	64690.	6535.2	67.670	2509.9
#2	4966.3	64711.	6583.2	66.697	2501.4
#3	4970.7	64854.	6553.1	68.764	2504.1

Sample Name: CCV02 Acquired: 6/19/2019 13:10:35 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15136 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9525	5.0024	4.9018	4.9953	4.9929	10.073	9.9459	.24993
Stddev	.0093	.0155	.0019	.0097	.0109	.048	.0227	.00062
%RSD	.18796	.31031	.03844	.19417	.21747	.47930	.22775	.24788
#1	4.9457	5.0016	4.9033	5.0065	5.0055	10.023	9.9489	.25047
#2	4.9631	4.9874	4.8997	4.9907	4.9867	10.078	9.9669	.25007
#3	4.9487	5.0184	4.9025	4.9888	4.9867	10.119	9.9219	.24925
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4350	24.836	.96011	2.4337	1.2521	4.9281	2.5376	24.528
Stddev	.0024	.102	.00026	.0018	.0020	.0063	.0045	.022
%RSD	.09822	.41102	.02756	.07180	.15642	.12766	.17734	.08841
#1	2.4375	24.743	.95981	2.4356	1.2524	4.9351	2.5372	24.536
#2	2.4328	24.945	.96028	2.4321	1.2538	4.9262	2.5423	24.544
#3	2.4347	24.819	.96025	2.4334	1.2500	4.9229	2.5334	24.503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4507	1.2417	24.730	2.4943	2.4427	24.696	5.0287	4.9989
Stddev	.0041	.0032	.075	.0057	.0040	.049	.0011	.0095
%RSD	.16752	.25525	.30349	.22776	.16216	.19802	.02173	.19038
#1	2.4471	1.2404	24.738	2.5008	2.4471	24.696	5.0290	5.0075
#2	2.4497	1.2395	24.801	2.4900	2.4417	24.745	5.0275	5.0003
#3	2.4551	1.2454	24.652	2.4922	2.4393	24.647	5.0296	4.9887
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9034	4.9458	4.8490	4.8843	4.9822	5.028	F 283.18	F 4.3596
Stddev	.0151	.0270	.0072	.0120	.0084	.012	4.13	.0638
%RSD	.30753	.54646	.14778	.24634	.16873	.2288	1.4590	1.4629
#1	4.8994	4.9435	4.8482	4.8726	4.9864	5.041	287.05	4.4286
#2	4.8906	4.9199	4.8423	4.8836	4.9877	5.024	283.68	4.3472
#3	4.9200	4.9739	4.8565	4.8966	4.9725	5.019	278.83	4.3029

Sample Name: CCV02 Acquired: 6/19/2019 13:10:35 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15136 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4334
Stddev	.2463
%RSD	10.122

#1	2.3515
#2	2.7102
#3	2.2384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3026.9	39040.	3813.3	70.557	2812.5
Stddev	6.3	51.	8.5	.290	4.8
%RSD	.20672	.13166	.22419	.41094	.16934

#1	3021.8	38985.	3806.7	70.650	2807.1
#2	3025.0	39049.	3822.9	70.231	2814.3
#3	3033.8	39086.	3810.2	70.788	2816.0

Sample Name: CCB02 Acquired: 6/19/2019 13:14:33 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15136 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00038	-.00189	.00120	.00421	.00242	.00156	.00011
Stddev	.00172	.00047	.00069	.00116	.00096	.00654	.00037	.00003
%RSD	443.73	122.19	36.800	96.757	22.797	269.79	23.859	28.714

#1	-.00147	.00087	-.00125	.00234	.00484	-.00158	.00150	.00008
#2	-.00128	.00035	-.00263	.00126	.00311	.00997	.00123	.00012
#3	.00160	-.00007	-.00178	.00001	.00469	-.00112	.00196	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00136	.00011	.00021	-.00002	-.00060	-.00006	-.02492
Stddev	.00007	.01743	.00029	.00002	.00023	.00081	.00001	.01884
%RSD	250.61	1279.0	264.56	8.6147	1234.3	134.33	20.675	75.614

#1	.00010	.01398	-.00007	.00020	-.00025	.00004	-.00005	-.00368
#2	-.00003	.00225	-.00005	.00020	.00021	-.00034	-.00007	-.03147
#3	.00001	-.02031	.00044	.00023	-.00001	-.00151	-.00007	-.03962

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00023	-.12070	.00016	-.00014	-.09226	.00043	.00811
Stddev	.00009	.00020	.01081	.00033	.00008	.02637	.00007	.00195
%RSD	11.044	87.158	8.9594	204.80	56.963	28.587	15.653	24.099

#1	.00081	.00046	-.12904	-.00021	-.00021	-.06227	.00048	.00939
#2	.00087	.00006	-.12458	.00027	-.00015	-.11187	.00035	.00586
#3	.00070	.00018	-.10848	.00042	-.00005	-.10264	.00045	.00907

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01081	.00036	-.00124	.00228	-.00209	.0006	.02840	3.1066
Stddev	.00167	.00109	.00059	.00112	.00178	.0000	.01970	.0695
%RSD	15.446	303.02	47.546	48.931	85.425	7.404	69.367	2.2359

#1	-.00953	.00158	-.00072	.00119	-.00371	.0006	.01723	3.1864
#2	-.01021	.00004	-.00112	.00224	-.00239	.0005	.05115	3.0603
#3	-.01270	-.00054	-.00188	.00342	-.00017	.0006	.01683	3.0729

Sample Name: CCB02 Acquired: 6/19/2019 13:14:33 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15136 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.13661
Stddev	.15608
%RSD	114.25

#1	-.04350
#2	.23200
#3	.22134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.3	41037.	3828.5	72.178	3203.7
Stddev	4.2	59.	22.2	1.706	.6
%RSD	.13224	.14358	.57946	2.3643	.01799

#1	3181.0	41097.	3804.1	70.217	3204.0
#2	3185.7	41033.	3834.1	72.992	3204.2
#3	3177.3	40980.	3847.4	73.325	3203.1

Sample Name: LR CHECK 1 Acquired: 6/19/2019 13:23:37 Type: Unk
Method: P4-ICP2(v3217) 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	-.00422	.09121	.27730	-.23489	.09947	1940.1	.01042	.01935
Stddev	.00437	.00070	.00796	.01441	.00192	13.9	.00065	.00051
%RSD	103.67	.77014	2.8707	6.1334	1.9272	.71464	6.2775	2.6217

#1	-.00869	.09046	.28395	-.22356	.09749	1932.9	.01037	.01970
#2	-.00401	.09185	.27947	-.25111	.09960	1956.0	.01110	.01959
#3	.00005	.09133	.26848	-.23001	.10132	1931.3	.00980	.01877

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09111	1837.2	-.07188	.07937	.20670	828.94	-.02145	1792.7
Stddev	.00081	8.0	.00085	.00087	.00075	4.49	.00039	1.5
%RSD	.88807	.43490	1.1786	1.0922	.36289	.54206	1.8200	.08114

#1	.09028	1842.8	-.07252	.07960	.20588	833.86	-.02131	1794.3
#2	.09116	1828.1	-.07219	.07841	.20689	827.89	-.02114	1791.5
#3	.09189	1840.8	-.07092	.08010	.20734	825.06	-.02189	1792.4

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04968	-.23377	1699.3	.00388	.30647	1081.5	-.00488	-1.7834
Stddev	.00109	.00226	44.3	.00100	.00055	15.8	.00086	.0291
%RSD	2.2003	.96780	2.6088	25.867	.17918	1.4586	17.606	1.6323

#1	-.04945	-.23199	1746.1	.00493	.30690	1098.1	-.00573	-1.7824
#2	-.05088	-.23301	1693.8	.00377	.30585	1079.8	-.00491	-1.8130
#3	-.04873	-.23632	1657.9	.00294	.30666	1066.7	-.00401	-1.7548

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16964	.01130	.07596	-.04741	.05295	.0559	7.8045	<.00000
Stddev	.01307	.00251	.00233	.00124	.00341	.0043	.0993	.04301
%RSD	7.7035	22.181	3.0630	2.6052	6.4360	7.770	1.2717	4.7908

#1	.17943	.00896	.07438	-.04599	.04907	.0605	7.6900	-.94445
#2	.15480	.01394	.07487	-.04825	.05544	.0554	7.8655	-.88952
#3	.17469	.01100	.07863	-.04798	.05436	.0519	7.8581	-.85964

Sample Name: LR CHECK 1 Acquired: 6/19/2019 13:23:37 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.2	28406.	3310.5	51.135	1396.9
Stddev	3.9	92.	7.5	2.385	2.4
%RSD	.17952	.32388	.22558	4.6635	.16886

#1	2151.5	28305.	3318.5	48.522	1394.6
#2	2159.2	28486.	3303.7	51.688	1399.3
#3	2154.9	28427.	3309.2	53.194	1396.7

Sample Name: LR CHECK 2 Acquired: 6/19/2019 13:28:40 Type: Unk
Method: P4-ICP2(v3217) 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	-.00115	-.00383	242.64	.02794	-.04164	-.18501	F 5.9544	-.00216
Stddev	.00337	.00157	1.66	.00308	.00184	.01823	.0371	.00004
%RSD	292.78	40.941	.68412	11.042	4.4268	9.8506	.62354	1.9644
#1	-.00016	-.00519	242.58	.03018	-.04046	-.16497	5.9830	-.00214
#2	.00162	-.00211	241.01	.02922	-.04070	-.18948	5.9124	-.00213
#3	-.00491	-.00419	244.33	.02442	-.04377	-.20059	5.9677	-.00221
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00796	.14306	-.12833	.00953	235.89	-.71598	43.241	-.12919
Stddev	.00010	.01302	.00123	.00035	.89	.00823	.284	.02155
%RSD	1.3177	9.1025	.95456	3.6509	.37529	1.1488	.65682	16.678
#1	-.00789	.15801	-.12822	.00913	235.07	-.70821	43.418	-.10582
#2	-.00808	.13703	-.12717	.00974	236.83	-.71513	42.913	-.14827
#3	-.00790	.13415	-.12961	.00973	235.77	-.72459	43.392	-.13346
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.757	.00889	.93663	-.06606	36.450	.84248	-.00964	-.00289
Stddev	.304	.00024	.03863	.00058	.158	.01758	.00030	.00553
%RSD	.62321	2.7165	4.1244	.88040	.43469	2.0871	3.1128	191.40
#1	48.918	.00890	.97861	-.06671	36.629	.86111	-.00956	-.00054
#2	48.406	.00864	.92871	-.06559	36.329	.84018	-.00997	.00108
#3	48.946	.00913	.90258	-.06589	36.392	.82617	-.00939	-.00920
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02679	-.00865	.00052	.01475	.00129	-2.199	.31049	4.3190
Stddev	.00482	.00129	.00027	.00053	.00103	.014	.00129	.0778
%RSD	17.993	14.931	52.720	3.5921	80.451	.6156	.41647	1.8014
#1	-.02690	-.00874	.00033	.01506	.00018	-2.215	.31193	4.2877
#2	-.02191	-.00990	.00040	.01506	.00145	-2.194	.30941	4.4075
#3	-.03155	-.00732	.00083	.01414	.00222	-2.189	.31014	4.2617

Sample Name: LR CHECK 2 Acquired: 6/19/2019 13:28:40 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.41086
Stddev	.22656
%RSD	55.142

#1	.62469
#2	.43447
#3	.17343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.8	41105.	3828.3	70.941	3101.4
Stddev	9.1	214.	12.3	.362	9.2
%RSD	.34031	.51949	.32141	.51042	.29610

#1	2674.5	40905.	3841.4	71.293	3095.2
#2	2679.2	41330.	3826.4	70.961	3112.0
#3	2661.6	41082.	3817.0	70.570	3097.1

Sample Name: K3163-11 Acquired: 6/19/2019 13:33:29 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02429	-.00741	.29218	-.02100	.01178	154.18	.51379	.01042
Stddev	.00120	.00083	.00333	.00226	.00038	1.54	.00493	.00011
%RSD	4.9262	11.149	1.1407	10.754	3.2400	1.0003	.96040	1.0423
#1	.02477	-.00677	.29550	-.02199	.01219	152.41	.50809	.01054
#2	.02517	-.00834	.28883	-.02260	.01170	155.24	.51672	.01035
#3	.02293	-.00713	.29220	-.01842	.01144	154.89	.51655	.01036
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02810	130.28	.16487	.40024	.77900	271.35	7.8465	74.536
Stddev	.00043	.73	.00128	.00124	.00155	1.43	.0243	.663
%RSD	1.5259	.55697	.77589	.31033	.19935	.52835	.30930	.88926
#1	.02856	129.44	.16341	.40120	.78021	270.03	7.8208	73.805
#2	.02804	130.65	.16579	.40067	.77954	271.15	7.8496	75.099
#3	.02771	130.74	.16541	.39884	.77725	272.87	7.8690	74.703
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33957	-.05235	13.215	.92513	.98470	13.211	.00247	.14778
Stddev	.00054	.00032	.077	.00625	.00672	.109	.00010	.00171
%RSD	.15953	.61382	.58272	.67548	.68265	.82633	4.1738	1.1560
#1	.33992	-.05203	13.127	.91792	.99192	13.088	.00238	.14949
#2	.33894	-.05267	13.253	.92881	.98353	13.297	.00258	.14607
#3	.33984	-.05236	13.266	.92867	.97863	13.248	.00246	.14776
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8225	1.1070	.00048	F 11.314	.13285	F 14.29	F 153.24	<.00000
Stddev	.0180	.0094	.00085	.056	.00222	.09	.53	.30129
%RSD	.30904	.84709	179.29	.49452	1.6726	.5965	.34282	3.3343
#1	5.8155	1.1150	-.00014	11.250	.13084	14.30	152.64	-9.3814
#2	5.8429	1.1094	.00145	11.345	.13246	14.21	153.46	-8.9005
#3	5.8090	1.0967	.00012	11.348	.13524	14.38	153.62	-8.8265

Sample Name: K3163-11 Acquired: 6/19/2019 13:33:29 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-061719 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4509.9	59490.	6023.0	64.811	2368.3
Stddev	11.7	282.	19.1	.250	16.2
%RSD	.26003	.47323	.31753	.38585	.68373

#1	4498.5	59814.	6045.0	64.904	2351.8
#2	4509.3	59351.	6010.4	65.001	2368.9
#3	4521.9	59305.	6013.7	64.528	2384.2

Sample Name: K3419-01 Acquired: 6/19/2019 13:38:02 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06522	.00454	.03548	.00982	.00321	46.979	.24260	.00372
Stddev	.00283	.00081	.00101	.00103	.00223	.110	.00053	.00008
%RSD	4.3449	17.878	2.8570	10.499	69.606	.23432	.21724	2.0538
#1	.06805	.00523	.03661	.00898	.00291	46.853	.24300	.00380
#2	.06522	.00365	.03517	.00952	.00114	47.057	.24279	.00365
#3	.06239	.00473	.03466	.01097	.00558	47.027	.24200	.00372
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	24.148	.05999	.04826	.08799	98.677	2.9796	13.642
Stddev	.00001	.017	.00055	.00012	.00015	.260	.0043	.050
%RSD	.47432	.07154	.92442	.24754	.17216	.26326	.14524	.36429
#1	-.00279	24.166	.05935	.04822	.08785	98.977	2.9846	13.586
#2	-.00277	24.148	.06032	.04816	.08815	98.534	2.9771	13.660
#3	-.00276	24.131	.06029	.04839	.08797	98.520	2.9771	13.681
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06838	-.00844	.36163	.12391	.22828	3.0665	.00009	-.01677
Stddev	.00043	.00054	.01069	.00101	.00099	.0211	.00015	.00392
%RSD	.62307	6.3916	2.9547	.81446	.43385	.68812	168.25	23.342
#1	.06870	-.00783	.34932	.12322	.22941	3.0799	-.00003	-.01517
#2	.06854	-.00862	.36707	.12507	.22755	3.0774	.00026	-.02124
#3	.06789	-.00887	.36851	.12344	.22788	3.0421	.00004	-.01392
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07481	1.0395	-.00603	1.1592	.05267	3.001	F 45.078	2.0800
Stddev	.00404	.0085	.00037	.0048	.00037	.010	.108	.1410
%RSD	5.4040	.81599	6.1543	.41713	.69401	.3256	.23954	6.7781
#1	.07947	1.0435	-.00640	1.1640	.05235	3.006	45.203	2.0899
#2	.07224	1.0452	-.00566	1.1543	.05261	2.990	45.024	1.9343
#3	.07272	1.0297	-.00603	1.1591	.05307	3.007	45.009	2.2157

Sample Name: K3419-01 Acquired: 6/19/2019 13:38:02 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	27.914
Stddev	.795
%RSD	2.8494

#1	27.232
#2	27.723
#3	28.788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.8	42802.	4123.9	70.752	2931.9
Stddev	10.3	214.	26.9	2.571	14.4
%RSD	.31014	.49951	.65250	3.6340	.48965

#1	3299.3	42576.	4095.0	72.445	2917.2
#2	3304.9	42830.	4128.4	67.794	2932.6
#3	3319.2	43001.	4148.3	72.017	2945.9

Sample Name: K3419-03 Acquired: 6/19/2019 13:42:24 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15862	.01183	.58664	.00027	.00751	47.254	.65266	.00365
Stddev	.00334	.00101	.00294	.00079	.00228	.108	.00317	.00018
%RSD	2.1083	8.5628	.50191	299.31	30.363	.22780	.48498	4.8015
#1	.15479	.01066	.58327	-.00012	.00992	47.130	.64900	.00346
#2	.16009	.01244	.58793	.00118	.00725	47.328	.65456	.00381
#3	.16098	.01240	.58872	-.00026	.00538	47.303	.65441	.00367
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	F 2619.8	-.45270	.04267	.28093	54.959	1.1921	14.613
Stddev	.00006	29.5	.00180	.00034	.00074	.098	.0086	.171
%RSD	6.7461	1.1264	.39719	.80082	.26212	.17840	.71879	1.1708
#1	-.00087	2585.9	-.45101	.04228	.28009	54.853	1.1825	14.421
#2	-.00100	2640.0	-.45250	.04284	.28126	54.978	1.1989	14.668
#3	-.00095	2633.5	-.45459	.04289	.28144	55.046	1.1949	14.750
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06533	-.00663	16.690	.06941	.44040	4.4119	.01073	.01583
Stddev	.00043	.00038	.106	.00064	.00058	.0595	.00035	.01171
%RSD	.65994	5.6826	.63567	.92266	.13185	1.3479	3.3064	73.969
#1	.06537	-.00641	16.568	.06869	.44092	4.3459	.01064	.00308
#2	.06488	-.00706	16.739	.06959	.43978	4.4286	.01112	.02611
#3	.06574	-.00641	16.762	.06994	.44051	4.4613	.01043	.01829
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.856	2.8670	-.82358	.11221	.09948	4.419	F 5094.9	6.5175
Stddev	.028	.0179	.00380	.00421	.00154	.016	25.2	.1357
%RSD	.09939	.62311	.46127	3.7481	1.5485	.3525	.49409	2.0826
#1	27.877	2.8467	-.82082	.11628	.09829	4.431	5071.5	6.4284
#2	27.825	2.8740	-.82202	.10788	.09892	4.423	5091.7	6.6737
#3	27.867	2.8804	-.82792	.11246	.10122	4.401	5121.5	6.4505

Sample Name: K3419-03 Acquired: 6/19/2019 13:42:24 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	23.601
Stddev	.034
%RSD	.14263

#1	23.564
#2	23.609
#3	23.629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.4	33654.	3594.3	62.046	2144.6
Stddev	4.4	173.	9.9	.964	6.0
%RSD	.17231	.51321	.27414	1.5534	.28116

#1	2577.1	33848.	3586.7	61.199	2149.7
#2	2578.7	33596.	3605.4	61.846	2146.2
#3	2570.4	33517.	3590.9	63.095	2138.0

Sample Name: K3419-05 Acquired: 6/19/2019 13:47:03 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03723	.00895	.06763	.00526	.00200	51.209	.39634	.00479
Stddev	.00193	.00129	.00211	.00159	.00114	.476	.00454	.00007
%RSD	5.1751	14.408	3.1232	30.261	57.261	.92980	1.1455	1.4538
#1	.03701	.01037	.06936	.00407	.00228	50.845	.39382	.00485
#2	.03542	.00784	.06528	.00707	.00297	51.034	.39361	.00471
#3	.03926	.00865	.06825	.00464	.00074	51.748	.40158	.00479
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	457.58	.08593	.05651	.08487	101.59	.90073	263.20
Stddev	.00003	4.24	.00100	.00054	.00037	1.18	.00831	2.19
%RSD	3.0728	.92666	1.1582	.95723	.43352	1.1631	.92307	.83330
#1	.00104	455.06	.08519	.05701	.08467	100.78	.89432	261.95
#2	.00101	455.20	.08554	.05659	.08530	101.05	.89773	261.92
#3	.00098	462.47	.08706	.05594	.08465	102.95	.91012	265.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07963	-.01181	4.4233	.12455	.30725	4.3990	.00920	-.03412
Stddev	.00060	.00028	.0460	.00137	.00057	.0739	.00026	.01749
%RSD	.75603	2.4105	1.0395	1.1024	.18712	1.6794	2.8617	51.246
#1	.08032	-.01171	4.3906	.12319	.30773	4.3303	.00919	-.02910
#2	.07924	-.01159	4.4034	.12451	.30740	4.3895	.00895	-.05357
#3	.07932	-.01213	4.4759	.12593	.30661	4.4772	.00947	-.01970
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8407	1.4947	-.02698	.72929	.10896	4.005	F 169.15	2.4112
Stddev	.0049	.0155	.00090	.00132	.00185	.012	.42	.2478
%RSD	.26434	1.0350	3.3258	.18047	1.6951	.2974	.24676	10.277
#1	1.8441	1.4779	-.02662	.73032	.11109	4.016	168.81	2.1681
#2	1.8429	1.5084	-.02631	.72974	.10802	4.005	169.03	2.4021
#3	1.8352	1.4977	-.02800	.72781	.10778	3.993	169.62	2.6634

Sample Name: K3419-05 Acquired: 6/19/2019 13:47:03 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	33.015
Stddev	.658
%RSD	1.9943

#1	32.274
#2	33.535
#3	33.234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3258.4	42366.	4333.3	62.547	2374.0
Stddev	3.9	344.	6.5	1.582	1.5
%RSD	.12035	.81179	.14988	2.5298	.06286

#1	3259.1	42479.	4339.7	60.735	2374.9
#2	3261.9	42640.	4333.4	63.657	2372.3
#3	3254.2	41980.	4326.7	63.248	2374.8

Sample Name: K3419-07 Acquired: 6/19/2019 13:51:26 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07746	.02154	.18066	-.01815	.01468	1.5140	.81332	.00503
Stddev	.00312	.00072	.00129	.00613	.00250	.0260	.00143	.00004
%RSD	4.0234	3.3314	.71280	33.793	17.056	1.7168	.17606	.78888
#1	.08100	.02236	.18039	-.01601	.01758	1.4917	.81175	.00505
#2	.07623	.02126	.18207	-.02507	.01318	1.5078	.81366	.00505
#3	.07514	.02101	.17953	-.01338	.01330	1.5426	.81455	.00498
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00279	F 4048.2	-.08296	.03729	.09994	83.729	2.6013	F 2444.0
Stddev	.00026	38.3	.00056	.00041	.00135	.701	.0027	8.5
%RSD	9.3560	.94501	.67790	1.1053	1.3554	.83663	.10323	.34621
#1	.00279	4008.7	-.08298	.03772	.09990	83.006	2.6024	2436.1
#2	.00306	4050.9	-.08352	.03725	.09860	83.778	2.6033	2442.9
#3	.00253	4085.1	-.08239	.03690	.10131	84.404	2.5983	2452.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02383	-.01367	7.6416	.10185	.78635	8.0462	.00758	.03110
Stddev	.00104	.00085	.0627	.00063	.00231	.8865	.00022	.01891
%RSD	4.3719	6.2327	.82038	.61942	.29347	11.017	2.8551	60.798
#1	.02474	-.01335	7.7093	.10223	.78473	8.9962	.00778	.04094
#2	.02269	-.01302	7.6300	.10112	.78899	7.9013	.00735	.00930
#3	.02407	-.01463	7.5855	.10219	.78532	7.2411	.00760	.04306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.858	.89473	-.24784	-.26800	.09775	1.919	F 1284.3	8.4222
Stddev	.028	.02272	.00161	.00089	.00251	.006	7.1	.1346
%RSD	.13989	2.5397	.64859	.33354	2.5712	.3343	.55429	1.5985
#1	19.866	.87946	-.24599	-.26722	.09868	1.921	1276.7	8.5775
#2	19.880	.92085	-.24887	-.26780	.09966	1.912	1290.7	8.3514
#3	19.827	.88389	-.24866	-.26898	.09490	1.925	1285.5	8.3378

Sample Name: K3419-07 Acquired: 6/19/2019 13:51:26 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	36.622
Stddev	.144
%RSD	.39378

#1	36.485
#2	36.608
#3	36.772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.1	30161.	3447.4	52.328	1714.7
Stddev	4.3	28.	19.3	1.450	2.8
%RSD	.19465	.09409	.55857	2.7711	.16379

#1	2233.7	30173.	3468.9	53.838	1716.8
#2	2225.3	30181.	3431.8	50.947	1711.5
#3	2231.3	30128.	3441.4	52.198	1715.8

Sample Name: K3419-09 Acquired: 6/19/2019 13:55:57 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06734	.02010	.13759	-.01963	.01340	8.9781	.11352	.00697
Stddev	.00267	.00084	.00233	.00250	.00056	.0420	.00036	.00012
%RSD	3.9660	4.1580	1.6967	12.728	4.2076	.46839	.31284	1.7470
#1	.06553	.01937	.13956	-.02115	.01384	8.9299	.11387	.00709
#2	.06608	.01990	.13821	-.02099	.01359	9.0074	.11352	.00685
#3	.07041	.02101	.13501	-.01674	.01277	8.9971	.11316	.00695
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	F 3663.4	-.04865	.03776	.14037	81.098	2.6715	F 2252.2
Stddev	.00033	8.5	.00100	.00036	.00043	.280	.0081	7.8
%RSD	320.55	.23110	2.0595	.96660	.30693	.34467	.30174	.34430
#1	.00027	3653.6	-.04979	.03802	.13987	80.983	2.6801	2259.1
#2	-.00021	3667.9	-.04790	.03734	.14061	80.893	2.6641	2253.8
#3	-.00037	3668.6	-.04826	.03792	.14062	81.416	2.6704	2243.8
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04021	-.01333	5.4685	.15870	.27637	7.8347	-.00155	-.00657
Stddev	.00090	.00052	.0031	.00101	.00077	.0191	.00010	.02222
%RSD	2.2343	3.8996	.05645	.63506	.27912	.24385	6.1398	338.30
#1	.04053	-.01393	5.4719	.15938	.27724	7.8276	-.00149	-.03002
#2	.04091	-.01307	5.4659	.15918	.27609	7.8201	-.00151	-.00387
#3	.03920	-.01299	5.4677	.15754	.27578	7.8563	-.00166	.01418
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0187	1.0724	-.21032	-.13657	.10505	3.335	F 1126.2	8.1318
Stddev	.0215	.0114	.00052	.00183	.00090	.025	6.3	.2110
%RSD	.42811	1.0610	.24527	1.3369	.85785	.7441	.55640	2.5948
#1	5.0416	1.0829	-.21044	-.13804	.10479	3.364	1132.9	7.9089
#2	4.9990	1.0739	-.21077	-.13713	.10432	3.319	1120.4	8.3284
#3	5.0156	1.0603	-.20976	-.13453	.10606	3.323	1125.4	8.1582

Sample Name: K3419-09 Acquired: 6/19/2019 13:55:57 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-E Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 35.112
Stddev .403
%RSD 1.1473

#1 35.258
#2 34.657
#3 35.422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.1	31028.	3480.7	52.729	1745.5
Stddev	9.9	144.	27.9	.635	9.8
%RSD	.42819	.46498	.80270	1.2036	.56144

#1	2296.8	30863.	3450.6	52.004	1736.6
#2	2294.1	31095.	3505.7	52.999	1744.0
#3	2312.3	31127.	3485.8	53.184	1756.0

Sample Name: K3420-02 Acquired: 6/19/2019 14:00:29 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08772	.01024	.06697	.01281	.00574	81.489	.17919	.01036
Stddev	.00189	.00087	.00122	.00318	.00096	.540	.00168	.00009
%RSD	2.1490	8.5210	1.8243	24.795	16.681	.66253	.93895	.90978
#1	.08625	.00924	.06556	.01183	.00516	81.043	.17847	.01047
#2	.08707	.01065	.06761	.01636	.00684	82.089	.18111	.01032
#3	.08985	.01084	.06773	.01024	.00521	81.334	.17798	.01029
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00245	39.376	.12523	.14223	.13069	206.92	6.2112	19.092
Stddev	.00026	.182	.00053	.00023	.00038	1.07	.0394	.130
%RSD	10.474	.46109	.41967	.15861	.29294	.51521	.63487	.67841
#1	-.00217	39.185	.12582	.14234	.13061	205.69	6.2003	19.143
#2	-.00250	39.546	.12481	.14238	.13035	207.64	6.2549	19.189
#3	-.00268	39.395	.12506	.14197	.13111	207.42	6.1783	18.945
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20544	-.02387	4.7281	.28802	.50587	6.7474	.00234	-.06550
Stddev	.00010	.00026	.0412	.00039	.00107	.0239	.00029	.00646
%RSD	.04925	1.0903	.87098	.13670	.21060	.35451	12.485	9.8647
#1	.20550	-.02361	4.7380	.28846	.50667	6.7382	.00258	-.07036
#2	.20533	-.02387	4.7634	.28769	.50629	6.7746	.00202	-.06797
#3	.20551	-.02413	4.6829	.28791	.50466	6.7295	.00244	-.05817
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63102	2.2327	.00190	1.1491	.09683	4.569	F 28.933	<.00000
Stddev	.00271	.0137	.00045	.0041	.00059	.005	.088	.14870
%RSD	.42926	.61148	23.460	.35828	.60832	.1204	.30579	219.17
#1	.62789	2.2396	.00240	1.1450	.09618	4.573	28.899	.04946
#2	.63243	2.2169	.00177	1.1492	.09697	4.570	29.034	-.23508
#3	.63273	2.2414	.00154	1.1532	.09734	4.562	28.868	-.01792

Sample Name: K3420-02 Acquired: 6/19/2019 14:00:29 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B12 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	64.892
Stddev	.575
%RSD	.88657

#1	65.554
#2	64.606
#3	64.515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3469.4	44765.	4306.3	67.365	2757.2
Stddev	3.0	121.	24.2	1.470	5.2
%RSD	.08646	.27095	.56167	2.1824	.18796

#1	3468.2	44749.	4321.9	67.411	2754.8
#2	3467.2	44652.	4318.5	65.873	2753.7
#3	3472.8	44893.	4278.4	68.812	2763.1

Sample Name: K3421-02 Acquired: 6/19/2019 14:05:05 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-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	.02303	.01782	.21667	.00613	.00924	189.37	1.2680	.01295
Stddev	.00067	.00052	.00069	.00205	.00054	1.27	.0048	.00019
%RSD	2.9174	2.8948	.31921	33.388	5.8405	.67111	.37566	1.5053
#1	.02343	.01750	.21624	.00776	.00954	188.29	1.2639	.01288
#2	.02225	.01842	.21630	.00680	.00861	189.04	1.2668	.01317
#3	.02340	.01755	.21746	.00383	.00955	190.77	1.2732	.01280
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	49.012	.22988	.15810	.47336	216.32	6.5933	72.157
Stddev	.00015	.063	.00042	.00042	.00069	.30	.0089	.666
%RSD	18.641	.12763	.18354	.26358	.14603	.13715	.13454	.92264
#1	.00095	49.028	.22944	.15853	.47324	216.65	6.6030	71.408
#2	.00065	48.943	.23028	.15805	.47410	216.07	6.5915	72.381
#3	.00083	49.065	.22993	.15770	.47273	216.24	6.5855	72.682
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31041	-.02674	3.4566	.29092	.93639	20.359	.00270	-.03985
Stddev	.00089	.00041	.0102	.00156	.00118	.038	.00023	.00871
%RSD	.28524	1.5380	.29535	.53493	.12628	.18491	8.5947	21.852
#1	.31139	-.02686	3.4453	.29157	.93737	20.329	.00270	-.03434
#2	.31016	-.02629	3.4594	.28914	.93671	20.346	.00293	-.03532
#3	.30968	-.02709	3.4652	.29204	.93507	20.401	.00247	-.04989
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6284	1.5126	.00388	1.9914	.38696	4.974	F 61.423	<.00000
Stddev	.0097	.0189	.00060	.0067	.00019	.017	.072	.00330
%RSD	.59394	1.2520	15.347	.33789	.04882	.3366	.11648	.39950
#1	1.6383	1.5344	.00363	1.9919	.38714	4.993	61.487	-.82311
#2	1.6190	1.5004	.00456	1.9979	.38677	4.961	61.435	-.82956
#3	1.6278	1.5030	.00346	1.9845	.38697	4.967	61.346	-.82512

Sample Name: K3421-02 Acquired: 6/19/2019 14:05:05 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	70.190
Stddev	.580
%RSD	.82581

#1	70.086
#2	69.670
#3	70.815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3574.5	45846.	4538.1	66.343	2597.9
Stddev	8.0	19.	30.3	.564	4.0
%RSD	.22437	.04068	.66676	.85076	.15317

#1	3577.2	45856.	4503.1	66.540	2594.9
#2	3565.4	45858.	4554.9	66.783	2596.4
#3	3580.7	45824.	4556.2	65.707	2602.4

Sample Name: CCV03 Acquired: 6/19/2019 14:09:40 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120714BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9961	5.0251	4.9276	5.0346	5.0009	9.9119	9.8772	.25126
Stddev	.0098	.0127	.0052	.0085	.0096	.0810	.0739	.00049
%RSD	.19659	.25211	.10604	.16861	.19169	.81695	.74822	.19410
#1	4.9876	5.0356	4.9289	5.0440	5.0112	9.8959	9.8176	.25078
#2	4.9939	5.0285	4.9321	5.0276	4.9993	9.9996	9.9599	.25175
#3	5.0069	5.0110	4.9219	5.0320	4.9922	9.8401	9.8541	.25124
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4560	24.298	.96178	2.4500	1.2655	4.9471	2.5447	24.003
Stddev	.0036	.134	.00252	.0051	.0035	.0048	.0040	.135
%RSD	.14758	.55138	.26194	.20780	.27621	.09638	.15808	.56236
#1	2.4575	24.294	.95913	2.4495	1.2696	4.9475	2.5421	23.968
#2	2.4586	24.434	.96206	2.4553	1.2634	4.9517	2.5493	24.152
#3	2.4518	24.166	.96414	2.4452	1.2636	4.9421	2.5427	23.889
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4687	1.2475	24.446	2.5168	2.4455	24.646	5.0692	4.9000
Stddev	.0051	.0019	.178	.0070	.0033	.142	.0075	.0086
%RSD	.20769	.15277	.72701	.27969	.13524	.57724	.14756	.17522
#1	2.4729	1.2474	24.301	2.5176	2.4451	24.496	5.0768	4.8912
#2	2.4703	1.2495	24.644	2.5234	2.4490	24.779	5.0688	4.9084
#3	2.4630	1.2457	24.392	2.5094	2.4424	24.663	5.0619	4.9005
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9261	5.1216	4.8936	4.9654	5.0691	5.101	F 275.64	4.6731
Stddev	.0137	.2347	.0065	.2519	.2697	.014	14.31	.0374
%RSD	.27852	4.5831	.13210	5.0725	5.3211	.2704	5.1928	.79978
#1	4.9390	5.0521	4.8917	4.8965	4.9825	5.102	271.30	4.6848
#2	4.9116	5.3832	4.9009	5.2446	5.3715	5.114	291.62	4.7031
#3	4.9276	4.9294	4.8883	4.7551	4.8533	5.087	263.99	4.6312

Sample Name: CCV03 Acquired: 6/19/2019 14:09:40 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120714BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2687
Stddev	.8891
%RSD	39.189

#1	1.3613
#2	3.1382
#3	2.3064

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.9	38491.	3638.3	67.484	2768.3
Stddev	6.2	48.	170.1	2.925	6.4
%RSD	.20791	.12459	4.6751	4.3350	.23145

#1	2971.0	38475.	3671.2	68.937	2768.3
#2	2973.7	38453.	3454.2	64.116	2761.9
#3	2982.8	38545.	3789.6	69.397	2774.7

Sample Name: CCB03 Acquired: 6/19/2019 14:13:38 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120714BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.00069	.00030	.00104	.00354	.01226	.00121
Stddev	.00133	.00055	.00029	.00160	.00087	.00736	.00040
%RSD	88.420	80.544	98.822	153.40	24.538	60.029	32.756

#1	-.00283	.00115	-.00003	.00280	.00354	.01492	.00078
#2	-.00017	.00084	.00052	.00065	.00440	.01792	.00129
#3	-.00151	.00007	.00040	-.00033	.00267	.00394	.00156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00002	-.00736	-.00024	.00011	-.00001	.00052
Stddev	.00003	.00008	.01333	.00058	.00018	.00014	.00018
%RSD	32.280	398.59	181.20	241.06	161.67	1262.9	34.008

#1	.00007	-.00001	-.00043	.00018	-.00009	-.00018	.00072
#2	.00008	-.00004	-.02272	-.00091	.00025	.00006	.00039
#3	.00012	.00011	.00108	-.00000	.00018	.00008	.00045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00843	.00070	-.00023	-.07023	.00035	.00018
Stddev	.00005	.00046	.00031	.00015	.00623	.00034	.00004
%RSD	59.786	5.4485	44.472	68.576	8.8699	96.431	23.843

#1	-.00004	-.00863	.00037	-.00012	-.07627	.00071	.00021
#2	-.00013	-.00790	.00073	-.00015	-.06383	.00031	.00020
#3	-.00007	-.00875	.00099	-.00040	-.07059	.00004	.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07445	.00038	.00849	F -.01282	.00243	-.00157	.00114
Stddev	.00873	.00015	.00615	.00439	.00198	.00049	.00009
%RSD	11.725	38.407	72.448	34.263	81.769	31.002	7.6270

#1	-.08314	.00045	.01010	-.01294	.00017	-.00189	.00105
#2	-.06568	.00048	.01367	-.00837	.00390	-.00182	.00116
#3	-.07453	.00021	.00169	-.01715	.00321	-.00101	.00122

Sample Name: CCB03 Acquired: 6/19/2019 14:13:38 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120714BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00450	-0.0001	F 0.03350	F 3.3238	F<.00000
Stddev	.00091	.0002	.03643	.2276	.34542
%RSD	20.259	209.7	108.72	6.8475	247.59
#1	-0.00418	-0.0001	-0.00374	3.5715	.19460
#2	-0.00379	.0001	.03519	3.2759	-.49523
#3	-0.00553	-0.0003	.06905	3.1240	-.11791
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.0	40577.	3743.1	71.558	3163.3
Stddev	16.2	44.	14.7	2.534	15.2
%RSD	.51462	.10801	.39397	3.5413	.48137
#1	3123.4	40531.	3728.8	69.725	3149.0
#2	3140.8	40617.	3758.3	74.450	3161.7
#3	3155.7	40584.	3742.2	70.500	3179.3

Sample Name: PB120744BL Acquired: 6/19/2019 14:18:07 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120744BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	.00112	-.00075	.00132	.00028	-.00240	.00104
Stddev	.00109	.00078	.00120	.00127	.00019	.01240	.00032
%RSD	105.20	69.688	160.03	96.286	67.301	517.62	30.758

#1	-.00216	.00202	-.00082	.00061	.00047	-.00420	.00089
#2	.00003	.00064	-.00190	.00056	.00026	.01081	.00141
#3	-.00098	.00070	.00048	.00279	.00010	-.01380	.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00005	-.00420	-.00009	.00018	-.00011	-.00071
Stddev	.00002	.00004	.00331	.00013	.00020	.00053	.00010
%RSD	31.934	82.882	78.836	142.41	111.43	471.94	14.837

#1	.00008	.00009	-.00038	-.00009	-.00004	.00001	-.00061
#2	.00005	.00000	-.00618	-.00023	.00023	.00035	-.00069
#3	.00006	.00006	-.00605	.00004	.00036	-.00070	-.00082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.03653	.00052	-.00034	-.08629	.00023	.00001
Stddev	.00001	.00950	.00023	.00047	.00849	.00008	.00001
%RSD	7.8214	26.015	44.907	137.24	9.8375	36.876	80.215

#1	-.00011	-.04165	.00050	-.00080	-.09595	.00013	.00000
#2	-.00013	-.04238	.00030	-.00038	-.08004	.00026	.00002
#3	-.00012	-.02557	.00077	.00014	-.08286	.00029	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08917	-.00036	.00306	F -.01734	-.00129	-.00133	.00087
Stddev	.02894	.00019	.00792	.00129	.00009	.00020	.00079
%RSD	32.456	52.178	258.52	7.4339	7.1042	15.226	91.006

#1	-.11989	-.00043	.00598	-.01649	-.00131	-.00110	.00178
#2	-.06241	-.00015	.00911	-.01670	-.00137	-.00139	.00034
#3	-.08522	-.00051	-.00590	-.01882	-.00119	-.00149	.00048

Sample Name: PB120744BL Acquired: 6/19/2019 14:18:07 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120744BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00594	-.0012	F .02242	F 3.0241	F<.00000
Stddev	.00125	.0007	.02924	.0642	.11482
%RSD	21.071	53.17	130.46	2.1239	254.22

#1	-.00691	-.0019	.01890	2.9573	-.00806
#2	-.00453	-.0006	-.00491	3.0296	.04652
#3	-.00638	-.0012	.05326	3.0854	-.17396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.5	40742.	3792.7	71.478	3171.1
Stddev	12.8	147.	35.8	.903	3.3
%RSD	.40645	.36028	.94293	1.2637	.10486

#1	3137.8	40603.	3751.5	70.533	3168.0
#2	3153.6	40728.	3814.0	71.567	3170.8
#3	3163.2	40896.	3812.8	72.333	3174.6

Sample Name: PB120760BS Acquired: 6/19/2019 14:22:36 Type: Unk
Method: P4-ICP2(v3217) 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	.73957	1.9067	.93036	1.8666	.78192	1.8598	.19139
Stddev	.00191	.0039	.00013	.0021	.00155	.0134	.00192
%RSD	.25799	.20487	.01362	.11292	.19792	.72094	1.0047

#1	.74166	1.9022	.93022	1.8687	.78033	1.8569	.19010
#2	.73791	1.9088	.93039	1.8667	.78203	1.8744	.19360
#3	.73914	1.9091	.93047	1.8644	.78342	1.8481	.19047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18504	.18013	F 1.4132	.38000	.18588	.30733	2.9490
Stddev	.00074	.00049	.0063	.00154	.00054	.00101	.0115
%RSD	.40234	.27017	.44865	.40596	.29291	.33014	.38856

#1	.18470	.18008	1.4060	.37949	.18650	.30802	2.9403
#2	.18589	.18063	1.4154	.38174	.18549	.30781	2.9620
#3	.18452	.17966	1.4181	.37878	.18566	.30616	2.9447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20221	1.8372	.47067	.07120	2.7471	.29893	.18015
Stddev	.00038	.0024	.00047	.00017	.0210	.00014	.00029
%RSD	.18689	.13306	.10039	.24446	.76634	.04682	.16328

#1	.20239	1.8400	.47015	.07108	2.7379	.29891	.18019
#2	.20246	1.8362	.47109	.07140	2.7712	.29881	.18042
#3	.20177	1.8355	.47076	.07113	2.7322	.29908	.17984

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3058	.40506	.28401	F -.02141	.92072	.62783	.17127
Stddev	.0821	.00097	.00857	.00223	.00839	.00116	.00168
%RSD	.88200	.23843	3.0160	10.413	.91112	.18405	.98078

#1	9.2528	.40603	.28781	-.02348	.92927	.62829	.16933
#2	9.4004	.40410	.27420	-.01905	.92039	.62869	.17233
#3	9.2643	.40505	.29002	-.02170	.91250	.62652	.17214

Sample Name: PB120760BS Acquired: 6/19/2019 14:22:36 Type: Unk
Method: P4-ICP2(v3217) 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	.20716	5.412	F 131.70	F 3.1630	F<.00000
Stddev	.00080	.012	.24	.0825	.21177
%RSD	.38419	.2179	.17984	2.6093	19.905
#1	.20626	5.421	131.42	3.1224	-.87118
#2	.20747	5.417	131.85	3.1087	-1.0299
#3	.20776	5.399	131.82	3.2580	-1.2906
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.8	41390.	3784.6	71.997	3166.6
Stddev	12.0	85.	18.6	1.471	9.1
%RSD	.37992	.20578	.49113	2.0430	.28874
#1	3155.4	41486.	3767.3	70.533	3158.2
#2	3172.2	41325.	3804.2	71.983	3165.3
#3	3178.8	41359.	3782.3	73.475	3176.3

Sample Name: PB120755BL Acquired: 6/19/2019 14:26:43 Type: Unk
Method: P4-ICP2(v3217) 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	-.00054	.00014	-.00078	.00032	.00119	.01218	.00116
Stddev	.00052	.00083	.00056	.00203	.00085	.00315	.00015
%RSD	97.961	587.12	71.657	640.99	71.550	25.888	13.166

#1	-.00112	.00107	-.00072	-.00167	.00211	.00978	.00132
#2	-.00009	-.00054	-.00025	.00239	.00041	.01100	.00101
#3	-.00040	-.00011	-.00137	.00023	.00106	.01575	.00117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00001	-.00216	-.00007	.00024	.00003	-.00157
Stddev	.00008	.00003	.00897	.00014	.00006	.00028	.00029
%RSD	76.293	631.04	415.80	214.47	24.513	925.67	18.751

#1	.00003	-.00002	.00352	-.00018	.00019	.00032	-.00127
#2	.00009	.00004	-.01249	.00010	.00030	-.00024	-.00157
#3	.00019	-.00001	.00251	-.00012	.00022	.00001	-.00186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.03527	.00051	-.00016	-.10231	.00002	-.00006
Stddev	.00003	.01274	.00008	.00007	.01171	.00022	.00001
%RSD	25.088	36.132	15.602	40.963	11.447	1000.1	25.050

#1	-.00010	-.04172	.00060	-.00020	-.11416	.00027	-.00005
#2	-.00016	-.04350	.00045	-.00009	-.09075	-.00015	-.00005
#3	-.00012	-.02059	.00047	-.00021	-.10202	-.00006	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11216	-.00041	-.00279	F -.01696	.00041	-.00139	.00024
Stddev	.02725	.00019	.00388	.00155	.00090	.00037	.00077
%RSD	24.296	47.459	139.27	9.1132	221.70	26.686	326.73

#1	-.13867	-.00021	-.00620	-.01530	.00041	-.00173	.00014
#2	-.11358	-.00042	-.00360	-.01722	-.00050	-.00100	.00105
#3	-.08423	-.00059	.00144	-.01836	.00130	-.00143	-.00048

Sample Name: PB120755BL Acquired: 6/19/2019 14:26:43 Type: Unk
Method: P4-ICP2(v3217) 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	-.00529	-.0018	F .05478	F 2.7706	F<.00000
Stddev	.00086	.0005	.04199	.0422	.29173
%RSD	16.288	27.77	76.639	1.5217	155.04

#1	-.00592	-.0022	.02201	2.7584	-.36225
#2	-.00431	-.0012	.04024	2.8175	-.35088
#3	-.00564	-.0021	.10211	2.7359	.14864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.6	41198.	3798.4	72.542	3196.5
Stddev	7.7	131.	9.4	.851	8.8
%RSD	.24418	.31786	.24773	1.1728	.27587

#1	3170.3	41047.	3792.9	71.567	3192.6
#2	3166.3	41281.	3793.0	72.925	3190.2
#3	3181.3	41265.	3809.3	73.133	3206.6

Sample Name: PB120759BS Acquired: 6/19/2019 14:31:12 Type: Unk
Method: P4-ICP2(v3217) 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	.75025	1.9297	.94776	1.9124	.78862	1.9078	.19321
Stddev	.00226	.0022	.00339	.0039	.00240	.0163	.00049
%RSD	.30117	.11131	.35767	.20390	.30388	.85190	.25408

#1	.75036	1.9292	.94384	1.9162	.78697	1.8912	.19304
#2	.74794	1.9279	.94969	1.9084	.78753	1.9085	.19283
#3	.75245	1.9321	.94974	1.9127	.79137	1.9236	.19377

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19060	.18277	F 1.4316	.38425	.18747	.31466	2.9859
Stddev	.00027	.00052	.0047	.00119	.00065	.00117	.0033
%RSD	.14153	.28334	.32911	.30896	.34921	.37064	.10949

#1	.19091	.18239	1.4365	.38543	.18695	.31333	2.9892
#2	.19041	.18256	1.4313	.38306	.18725	.31547	2.9859
#3	.19048	.18336	1.4271	.38428	.18821	.31519	2.9827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20481	1.8821	.47464	.07217	2.7720	.30042	.18096
Stddev	.00031	.0161	.00184	.00087	.0102	.00057	.00048
%RSD	.14945	.85383	.38818	1.2004	.36741	.19139	.26661

#1	.20516	1.9005	.47261	.07312	2.7838	.30050	.18053
#2	.20458	1.8707	.47510	.07195	2.7660	.29980	.18087
#3	.20470	1.8751	.47621	.07143	2.7663	.30094	.18148

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4988	.40443	.27500	F -.02300	.92967	.63204	.17458
Stddev	.0137	.00087	.00325	.00376	.01036	.00249	.00412
%RSD	.14440	.21479	1.1818	16.335	1.1140	.39332	2.3602

#1	9.4925	.40398	.27371	-.02083	.92581	.62990	.17071
#2	9.4893	.40387	.27260	-.02733	.94140	.63145	.17891
#3	9.5145	.40543	.27870	-.02083	.92180	.63477	.17412

Sample Name: PB120759BS Acquired: 6/19/2019 14:31:12 Type: Unk
Method: P4-ICP2(v3217) 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	.20375	5.481	F 132.05	F 2.9257	F<.00000
Stddev	.00234	.018	.73	.1782	.03277
%RSD	1.1470	.3356	.55324	6.0895	5.9525
#1	.20262	5.467	131.37	3.0340	-.58825
#2	.20644	5.474	132.83	2.7201	-.53011
#3	.20220	5.502	131.96	3.0231	-.53299
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.4	41580.	3831.9	75.414	3205.0
Stddev	3.9	226.	3.9	.719	2.5
%RSD	.12194	.54291	.10081	.95380	.07831
#1	3192.8	41413.	3830.4	75.583	3207.9
#2	3193.5	41837.	3829.0	76.033	3204.0
#3	3199.8	41490.	3836.3	74.625	3203.2

Sample Name: K3421-06 Acquired: 6/19/2019 14:35:16 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-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	.01774	.01473	.15006	.00546	.00923	150.81	1.1280	.01300
Stddev	.00144	.00171	.00106	.00144	.00096	.80	.0049	.00008
%RSD	8.1197	11.597	.70326	26.342	10.347	.53332	.43486	.61447
#1	.01799	.01524	.15110	.00487	.01034	150.01	1.1236	.01291
#2	.01619	.01612	.15009	.00709	.00866	151.62	1.1333	.01302
#3	.01904	.01282	.14899	.00440	.00870	150.81	1.1271	.01306
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	45.432	.17670	.17043	.32259	198.06	8.1225	77.475
Stddev	.00013	.104	.00075	.00030	.00013	.25	.0293	.153
%RSD	6.4232	.22817	.42612	.17594	.03905	.12609	.36042	.19770
#1	.00219	45.400	.17643	.17077	.32252	197.96	8.1140	77.298
#2	.00193	45.548	.17755	.17022	.32252	198.35	8.1550	77.569
#3	.00212	45.348	.17612	.17029	.32274	197.88	8.0984	77.558
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34891	-.02493	3.4469	.24017	1.4342	24.729	.00268	-.03797
Stddev	.00178	.00000	.0173	.00053	.0043	.067	.00014	.00357
%RSD	.51130	.00636	.50244	.22182	.30125	.27140	5.3916	9.3885
#1	.34952	-.02493	3.4328	.23956	1.4378	24.752	.00281	-.03934
#2	.34690	-.02494	3.4662	.24045	1.4354	24.783	.00252	-.04066
#3	.35031	-.02493	3.4416	.24050	1.4294	24.654	.00271	-.03393
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50526	1.7465	.00008	2.0004	.43357	6.012	F 72.382	<.00000
Stddev	.00595	.0165	.00102	.0115	.00209	.009	.126	.14188
%RSD	1.1767	.94587	1223.3	.57678	.48154	.1467	.17351	7.6454
#1	.49839	1.7614	-.00010	1.9871	.43121	6.016	72.240	-1.9931
#2	.50888	1.7287	-.00083	2.0076	.43519	6.002	72.430	-1.8646
#3	.50850	1.7493	.00118	2.0065	.43431	6.019	72.476	-1.7097

Sample Name: K3421-06 Acquired: 6/19/2019 14:35:16 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	67.908
Stddev	.281
%RSD	.41326

#1	67.877
#2	68.203
#3	67.644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3734.1	48091.	4750.9	67.951	2615.9
Stddev	12.0	199.	29.8	2.151	8.8
%RSD	.32232	.41320	.62635	3.1659	.33778

#1	3722.1	47898.	4745.2	69.600	2606.4
#2	3734.2	48081.	4783.1	65.518	2617.4
#3	3746.2	48295.	4724.5	68.737	2623.8

Sample Name: PB120760TB Acquired: 6/19/2019 14:46:46 Type: Unk
Method: P4-ICP2(v3217) 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	-.00201	-.00077	.00158	.00077	.00283	.02659	.00072	-.00001
Stddev	.00050	.00021	.00035	.00169	.00175	.00557	.00114	.00000
%RSD	24.711	27.258	22.250	218.24	61.886	20.958	158.39	35.175

#1	-.00257	-.00092	.00161	.00270	.00236	.02095	.00182	-.00001
#2	-.00183	-.00053	.00122	.00010	.00477	.03210	.00081	-.00002
#3	-.00163	-.00086	.00192	-.00047	.00136	.02673	-.00046	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.07893	.00060	-.00002	.00022	.00488	.00048	-.02181
Stddev	.00005	.01003	.00021	.00019	.00022	.00028	.00004	.01452
%RSD	128.65	12.707	35.811	830.38	103.18	5.8071	8.3201	66.590

#1	-.00008	.09042	.00058	-.00010	.00004	.00516	.00047	-.01231
#2	-.00004	.07192	.00039	.00019	.00015	.00489	.00045	-.03853
#3	.00001	.07445	.00082	-.00016	.00046	.00459	.00053	-.01459

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	.00119	289.87	.00004	.00830	-.01800	-.00020	.00676
Stddev	.00011	.00062	2.96	.00017	.00004	.00292	.00022	.00244
%RSD	5.8217	52.510	1.0217	416.74	.53745	16.234	107.60	36.098

#1	.00174	.00123	287.08	-.00015	.00828	-.02137	-.00002	.00435
#2	.00182	.00055	289.55	.00010	.00835	-.01641	-.00015	.00923
#3	.00195	.00179	292.98	.00017	.00828	-.01621	-.00044	.00669

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01301	.00600	-.00008	.00223	.00071	-.0011	.38605	4.4334
Stddev	.00286	.00165	.00062	.00076	.00083	.0006	.02455	.1085
%RSD	21.991	27.570	803.32	33.910	116.17	55.45	6.3596	2.4476

#1	-.01370	.00469	.00061	.00153	-.00023	-.0018	.39058	4.3082
#2	-.01547	.00786	-.00027	.00303	.00131	-.0005	.35955	4.4992
#3	-.00987	.00546	-.00058	.00212	.00107	-.0011	.40802	4.4930

Sample Name: PB120760TB Acquired: 6/19/2019 14:46:46 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .19656
Stddev .13320
%RSD 67.766

#1 .04396
#2 .25622
#3 .28949

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.9	37500.	3695.3	68.931	2743.4
Stddev	10.0	18.	27.2	.756	7.6
%RSD	.34369	.04913	.73720	1.0964	.27800

#1	2929.3	37483.	3670.2	68.058	2749.2
#2	2910.5	37497.	3691.4	69.392	2734.8
#3	2926.0	37519.	3724.3	69.342	2746.3

Sample Name: PB120759TB Acquired: 6/19/2019 14:51:23 Type: Unk
Method: P4-ICP2(v3217) 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	-.00031	-.00040	.00032	.00228	.00124	.01439	.00138	.00002
Stddev	.00164	.00049	.00046	.00212	.00046	.01107	.00046	.00004
%RSD	526.11	123.57	142.63	93.214	37.005	76.930	33.604	252.97

#1	.00156	-.00068	.00082	.00437	.00133	.02578	.00181	.00003
#2	-.00148	-.00068	.00021	.00013	.00074	.01372	.00089	.00005
#3	-.00102	.00017	-.00007	.00234	.00165	.00367	.00145	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01769	.00065	.00005	.00016	.00467	.00006	.02349
Stddev	.00002	.00564	.00048	.00018	.00021	.00030	.00005	.02502
%RSD	85.059	31.899	73.949	321.04	131.51	6.3399	86.222	106.50

#1	.00004	.02420	.00010	.00013	.00002	.00462	.00002	.05211
#2	.00002	.01439	.00084	-.00015	.00006	.00440	.00004	.00576
#3	.00000	.01447	.00100	.00018	.00040	.00499	.00011	.01261

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00089	287.73	.00033	.00560	.12413	-.00047	.01026
Stddev	.00022	.00041	5.41	.00010	.00012	.06568	.00012	.00647
%RSD	14.842	46.166	1.8800	28.983	2.0892	52.914	24.803	63.090

#1	.00139	.00076	283.73	.00027	.00564	.04849	-.00060	.00298
#2	.00137	.00135	293.88	.00044	.00547	.15715	-.00036	.01537
#3	.00177	.00056	285.56	.00028	.00569	.16675	-.00045	.01242

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01088	.00810	.00011	.00123	.00519	-.0007	.08319	4.7651
Stddev	.00040	.00180	.00026	.00146	.00101	.0002	.06299	.3941
%RSD	3.7025	22.259	234.74	118.88	19.415	32.38	75.719	8.2695

#1	-.01070	.00993	.00040	.00220	.00498	-.0008	.15129	4.6995
#2	-.01134	.00633	.00002	.00194	.00430	-.0008	.02702	5.1878
#3	-.01060	.00805	-.00009	-.00045	.00628	-.0004	.07125	4.4079

Sample Name: PB120759TB Acquired: 6/19/2019 14:51:23 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.22660
%RSD	120.17

#1	-.44441
#2	-.10816
#3	-.01313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.0	37366.	3695.8	70.178	2760.6
Stddev	13.9	484.	42.1	1.898	16.2
%RSD	.47280	1.2950	1.1381	2.7041	.58688

#1	2927.0	37575.	3650.8	68.233	2742.0
#2	2952.9	36812.	3702.4	70.275	2771.9
#3	2948.9	37710.	3734.1	72.025	2767.9

Sample Name: K3435-03 Acquired: 6/19/2019 14:55:59 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01523	.00485	.01798	.00865	.00002	17.179	.02754	.00181
Stddev	.00123	.00044	.00101	.00111	.00056	.086	.00004	.00008
%RSD	8.0485	8.9747	5.6137	12.800	2684.5	.50045	.15395	4.2688

#1	.01624	.00485	.01686	.00829	-.00041	17.173	.02750	.00185
#2	.01387	.00529	.01823	.00777	.00066	17.097	.02753	.00185
#3	.01559	.00442	.01884	.00989	-.00019	17.269	.02758	.00172

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	14.647	.04964	.00148	.02123	85.112	.07352	.10298
Stddev	.00001	.061	.00025	.00017	.00044	.307	.00025	.02713
%RSD	.32143	.41722	.50303	11.347	2.0577	.36031	.33706	26.348

#1	-.00298	14.708	.04980	.00131	.02095	85.427	.07345	.07183
#2	-.00300	14.586	.04936	.00165	.02100	84.815	.07380	.12147
#3	-.00299	14.647	.04977	.00148	.02173	85.094	.07332	.11563

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00551	-.00528	.15468	.06690	.09979	.79583	.01567	-.01797
Stddev	.00017	.00022	.00359	.00027	.00067	.02263	.00017	.00501
%RSD	3.1433	4.1306	2.3220	.40552	.66808	2.8435	1.1110	27.867

#1	-.00531	-.00550	.15824	.06669	.10056	.81559	.01579	-.01339
#2	-.00562	-.00507	.15105	.06721	.09935	.77114	.01575	-.01720
#3	-.00559	-.00526	.15474	.06680	.09946	.80075	.01547	-.02332

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47059	4.1370	.00153	.66110	-.00437	.6198	2.1240	2.3206
Stddev	.00239	.0170	.00010	.00503	.00136	.0021	.0949	.1956
%RSD	.50771	.41038	6.2339	.76016	31.159	.3317	4.4697	8.4272

#1	.47109	4.1174	.00145	.66079	-.00392	.6207	2.2232	2.3653
#2	.46799	4.1479	.00150	.65624	-.00330	.6175	2.0340	2.1066
#3	.47269	4.1456	.00164	.66628	-.00590	.6213	2.1149	2.4900

Sample Name: K3435-03 Acquired: 6/19/2019 14:55:59 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	23.972
Stddev	.058
%RSD	.24366

#1	23.923
#2	23.956
#3	24.036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.3	42495.	4028.9	73.094	3069.8
Stddev	14.3	125.	11.9	2.187	13.8
%RSD	.43799	.29517	.29635	2.9913	.44794

#1	3252.4	42372.	4015.5	73.433	3061.7
#2	3280.6	42622.	4032.7	75.092	3085.7
#3	3262.8	42490.	4038.4	70.758	3062.0

Sample Name: K3436-01 Acquired: 6/19/2019 15:00:29 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390613710 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00429	.00210	.10293	.01514	.00100	16.271	.57448	.00172
Stddev	.00151	.00132	.00049	.00115	.00106	.090	.00359	.00007
%RSD	35.281	62.583	.48008	7.5737	105.79	.55135	.62426	3.9374
#1	.00410	.00108	.10289	.01478	.00193	16.168	.57034	.00178
#2	.00288	.00164	.10246	.01643	-.00015	16.323	.57669	.00165
#3	.00589	.00359	.10344	.01422	.00123	16.324	.57641	.00173
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	33.515	.04384	.01014	.90725	23.818	.68604	9.9067
Stddev	.00005	.150	.00047	.00012	.00148	.025	.00094	.1033
%RSD	2.2432	.44808	1.0651	1.1510	.16319	.10471	.13646	1.0429
#1	.00238	33.345	.04346	.01023	.90852	23.833	.68499	9.7884
#2	.00242	33.631	.04436	.01001	.90761	23.789	.68677	9.9788
#3	.00248	33.568	.04370	.01017	.90562	23.832	.68637	9.9530
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03051	.00569	2.1685	.01686	1.4796	1.7849	.01133	.04023
Stddev	.00015	.00074	.0162	.00014	.0036	.0452	.00026	.00231
%RSD	.50582	13.019	.74633	.85801	.24024	2.5306	2.3357	5.7490
#1	.03038	.00535	2.1551	.01681	1.4837	1.7424	.01103	.04088
#2	.03068	.00518	2.1639	.01703	1.4780	1.7801	.01143	.04216
#3	.03046	.00654	2.1865	.01676	1.4771	1.8323	.01153	.03767
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.010	1.6014	.02711	.14127	-.00482	F 25.85	F 96.681	2.7176
Stddev	.060	.0248	.00035	.00838	.00138	.02	1.328	.0764
%RSD	.24132	1.5470	1.3025	5.9292	28.567	.0602	1.3737	2.8111
#1	25.073	1.5965	.02671	.14818	-.00502	25.86	96.289	2.6339
#2	25.005	1.6283	.02726	.14367	-.00335	25.85	98.161	2.7353
#3	24.953	1.5794	.02736	.13196	-.00609	25.83	95.593	2.7836

Sample Name: K3436-01 Acquired: 6/19/2019 15:00:29 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390613710 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.9701
Stddev	.4347
%RSD	6.2362

#1	7.3640
#2	7.0427
#3	6.5037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.2	41733.	3998.9	73.173	3033.5
Stddev	18.5	98.	49.8	1.722	17.6
%RSD	.57924	.23472	1.2459	2.3527	.58171

#1	3168.5	41796.	3991.7	72.788	3016.3
#2	3184.8	41783.	3953.1	71.677	3032.7
#3	3205.3	41620.	4052.0	75.055	3051.5

Sample Name: K3437-01 Acquired: 6/19/2019 15:04:44 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390614039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	.00069	.02539	.00597	.00090	8.5085	.23014	.00032
Stddev	.00058	.00048	.00024	.00141	.00085	.0877	.00205	.00008
%RSD	14.373	69.487	.94523	23.658	93.921	1.0313	.89025	23.760

#1	.00440	.00119	.02513	.00681	.00169	8.4116	.22795	.00039
#2	.00336	.00024	.02545	.00676	.00001	8.5314	.23046	.00034
#3	.00432	.00064	.02560	.00434	.00100	8.5825	.23201	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	14.280	.00950	.00381	.30894	17.865	.88253	2.0489
Stddev	.00007	.106	.00051	.00017	.00045	.013	.00194	.0301
%RSD	20.730	.74532	5.3824	4.4111	.14595	.07232	.21960	1.4672

#1	-.00039	14.158	.01008	.00378	.30946	17.875	.88441	2.0147
#2	-.00038	14.330	.00931	.00400	.30866	17.850	.88265	2.0611
#3	-.00026	14.352	.00912	.00366	.30869	17.869	.88054	2.0710

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01438	.00514	2.8132	.00435	.46309	2.9950	.00496	.01158
Stddev	.00035	.00028	.0497	.00019	.00113	.0077	.00027	.00128
%RSD	2.4197	5.5449	1.7651	4.3342	.24419	.25750	5.3627	11.094

#1	.01474	.00526	2.7586	.00413	.46280	2.9867	.00501	.01207
#2	.01405	.00481	2.8254	.00449	.46214	2.9962	.00519	.01012
#3	.01434	.00534	2.8557	.00441	.46434	3.0020	.00466	.01255

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4137	1.0138	.00744	.05361	-.00636	F 17.34	F 42.878	3.0389
Stddev	.0206	.0068	.00088	.00323	.00116	.05	.071	.1532
%RSD	.32091	.67398	11.821	6.0310	18.275	.3034	.16563	5.0418

#1	6.3988	1.0142	.00647	.05075	-.00517	17.31	42.887	2.9375
#2	6.4051	1.0204	.00819	.05712	-.00749	17.31	42.802	3.2152
#3	6.4372	1.0068	.00765	.05297	-.00643	17.40	42.944	2.9641

Sample Name: K3437-01 Acquired: 6/19/2019 15:04:44 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390614039 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.6882
Stddev	.1249
%RSD	2.6649

#1	4.6125
#2	4.8324
#3	4.6197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.7	41186.	3879.2	73.708	3105.3
Stddev	4.9	73.	29.0	1.524	8.1
%RSD	.15629	.17725	.74880	2.0670	.26176

#1	3140.2	41253.	3846.6	73.542	3112.2
#2	3132.8	41196.	3888.5	75.308	3107.3
#3	3131.0	41108.	3902.4	72.275	3096.3

Sample Name: CCV04 Acquired: 6/19/2019 15:09:02 Type: Unk
Method: P4-ICP2(v3217) 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	5.0253	5.0246	4.9224	5.0586	5.0169	9.9931	9.9371	.25068
Stddev	.0159	.0129	.0151	.0104	.0030	.0567	.0403	.00079
%RSD	.31600	.25678	.30612	.20501	.05894	.56775	.40578	.31690
#1	5.0291	5.0104	4.9058	5.0676	5.0136	9.9387	9.8911	.25032
#2	5.0390	5.0358	4.9352	5.0610	5.0192	9.9888	9.9534	.25013
#3	5.0079	5.0275	4.9261	5.0473	5.0180	10.052	9.9666	.25159
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4535	24.522	.96222	2.4454	1.2647	4.9214	2.5339	24.037
Stddev	.0054	.187	.00092	.0064	.0040	.0081	.0044	.233
%RSD	.21864	.76205	.09537	.26039	.31746	.16403	.17502	.96751
#1	2.4474	24.400	.96239	2.4384	1.2622	4.9227	2.5318	23.882
#2	2.4572	24.429	.96123	2.4509	1.2694	4.9128	2.5309	23.924
#3	2.4559	24.737	.96304	2.4469	1.2626	4.9288	2.5390	24.304
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4701	1.2483	24.532	2.5174	2.4514	24.790	5.0800	4.9214
Stddev	.0063	.0037	.089	.0072	.0046	.139	.0040	.0631
%RSD	.25598	.29639	.36110	.28737	.18918	.56249	.07871	1.2823
#1	2.4631	1.2509	24.430	2.5210	2.4478	24.629	5.0826	4.8505
#2	2.4754	1.2440	24.578	2.5090	2.4566	24.863	5.0820	4.9424
#3	2.4720	1.2499	24.589	2.5221	2.4497	24.878	5.0754	4.9713
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9464	5.0391	4.9258	4.8740	4.9718	5.137	F 251.59	F 4.4816
Stddev	.0105	.0287	.0097	.0229	.0340	.004	.81	.1387
%RSD	.21314	.56958	.19766	.46960	.68318	.0723	.32194	3.0939
#1	4.9450	5.0685	4.9150	4.8512	4.9455	5.134	251.30	4.3583
#2	4.9576	5.0378	4.9339	4.8736	5.0102	5.141	252.51	4.4547
#3	4.9367	5.0112	4.9286	4.8970	4.9598	5.137	250.97	4.6317

Sample Name: CCV04 Acquired: 6/19/2019 15:09:02 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0518
Stddev	.4210
%RSD	20.520

#1	2.1118
#2	1.6040
#3	2.4396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.8	38547.	3726.7	68.014	2782.2
Stddev	13.9	19.	20.0	.772	9.4
%RSD	.46376	.04887	.53732	1.1357	.33773

#1	2983.8	38528.	3718.7	67.243	2784.5
#2	2979.9	38547.	3711.9	68.012	2771.9
#3	3005.6	38565.	3749.5	68.788	2790.3

Sample Name: CCB04 Acquired: 6/19/2019 15:13:00 Type: Unk
Method: P4-ICP2(v3217) 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	-.00073	.00110	-.00078	.00082	.00310	.00427	.00127
Stddev	.00135	.00037	.00081	.00188	.00063	.00485	.00069
%RSD	185.29	34.010	103.40	228.43	20.451	113.57	54.058

#1	-.00211	.00070	.00009	.00227	.00381	.00837	.00180
#2	.00058	.00144	-.00150	.00149	.00258	.00552	.00152
#3	-.00064	.00115	-.00093	-.00130	.00292	-.00108	.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00004	-.00624	-.00030	.00022	-.00009	-.00093
Stddev	.00004	.00002	.01150	.00041	.00029	.00012	.00064
%RSD	22.885	46.336	184.14	136.90	133.20	136.16	69.112

#1	.00012	.00002	.00358	-.00028	-.00010	-.00005	-.00020
#2	.00017	.00005	-.01889	.00010	.00047	.00001	-.00120
#3	.00018	.00005	-.00342	-.00071	.00030	-.00022	-.00140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.05731	.00072	-.00056	-.08282	.00004	-.00011
Stddev	.00001	.00481	.00035	.00034	.00226	.00046	.00002
%RSD	10.993	8.4012	48.566	60.517	2.7274	1229.1	21.023

#1	-.00013	-.05410	.00112	-.00095	-.08427	.00029	-.00012
#2	-.00010	-.05498	.00051	-.00044	-.08397	-.00050	-.00009
#3	-.00011	-.06285	.00053	-.00030	-.08022	.00032	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09813	.00033	.00471	F -.01283	.00313	-.00119	.00123
Stddev	.00397	.00003	.01428	.00058	.00022	.00035	.00052
%RSD	4.0484	7.8940	303.02	4.5525	6.9624	29.268	42.477

#1	-.09610	.00035	.01373	-.01276	.00334	-.00109	.00113
#2	-.09558	.00030	.01216	-.01228	.00314	-.00158	.00180
#3	-.10271	.00033	-.01175	-.01344	.00290	-.00090	.00077

Sample Name: CCB04 Acquired: 6/19/2019 15:13:00 Type: Unk
Method: P4-ICP2(v3217) 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	-.00277	-.0015	F .04750	F 3.0560	F<.00000
Stddev	.00039	.0005	.05163	.0489	.54851
%RSD	13.977	35.71	108.70	1.5992	274.01
#1	-.00276	-.0020	.01117	3.0192	.24389
#2	-.00316	-.0010	.10661	3.1115	-.03112
#3	-.00239	-.0014	.02473	3.0374	-.81331
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.3	40797.	3802.5	72.342	3177.8
Stddev	8.3	214.	8.9	.361	6.2
%RSD	.26351	.52358	.23422	.49894	.19617
#1	3168.7	40844.	3802.9	71.958	3181.9
#2	3167.6	40983.	3793.4	72.675	3180.8
#3	3153.7	40563.	3811.2	72.392	3170.6

Sample Name: PB120744BS Acquired: 6/19/2019 15:18:53 Type: Unk
Method: P4-ICP2(v3217) 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	.74589	1.9119	.93496	1.8826	.78560	1.8720	.19129
Stddev	.00235	.0020	.00271	.0070	.00374	.0138	.00133
%RSD	.31515	.10626	.29004	.37323	.47579	.73466	.69681

#1	.74805	1.9138	.93622	1.8884	.78940	1.8751	.19185
#2	.74339	1.9097	.93185	1.8846	.78547	1.8569	.18977
#3	.74622	1.9123	.93682	1.8748	.78193	1.8838	.19225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18740	.18073	1.0453	.38059	.18703	.31019	2.9580
Stddev	.00042	.00072	.0095	.00068	.00023	.00076	.0093
%RSD	.22431	.39913	.90743	.17987	.12514	.24640	.31403

#1	.18709	.18142	1.0523	.37997	.18711	.31066	2.9503
#2	.18724	.17998	1.0491	.38049	.18676	.31060	2.9553
#3	.18788	.18080	1.0345	.38132	.18721	.30931	2.9683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20281	1.8110	.47157	.07186	2.7306	.29860	.18064
Stddev	.00014	.0304	.00071	.00029	.0025	.00140	.00025
%RSD	.06888	1.6779	.15071	.40993	.09265	.46824	.13719

#1	.20269	1.8234	.47211	.07175	2.7304	.29720	.18082
#2	.20296	1.7764	.47183	.07165	2.7281	.30000	.18073
#3	.20279	1.8333	.47076	.07220	2.7332	.29859	.18036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3189	.40534	.27138	F -.02336	.91805	.63353	.17167
Stddev	.0246	.00090	.01550	.00165	.00446	.00094	.00161
%RSD	.26358	.22112	5.7098	7.0493	.48550	.14801	.93723

#1	9.3388	.40626	.25375	-.02165	.91467	.63406	.17285
#2	9.3265	.40530	.28285	-.02494	.92310	.63408	.16983
#3	9.2915	.40447	.27753	-.02348	.91636	.63245	.17231

Sample Name: PB120744BS Acquired: 6/19/2019 15:18:53 Type: Unk
 Method: P4-ICP2(v3217) 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	.20466	5.468	F 131.14	F 3.1413	F<.00000
Stddev	.00138	.015	.07	.1245	.32796
%RSD	.67604	.2789	.05280	3.9635	41.124
#1	.20390	5.482	131.12	3.0144	-.56059
#2	.20626	5.452	131.22	3.2633	-1.1718
#3	.20382	5.472	131.09	3.1463	-.66009
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.9	41332.	3802.4	73.264	3173.4
Stddev	11.7	87.	11.1	1.271	11.4
%RSD	.36934	.20941	.29172	1.7353	.35809
#1	3160.0	41237.	3809.7	74.092	3161.3
#2	3183.0	41354.	3789.6	73.900	3183.8
#3	3175.6	41405.	3807.8	71.800	3175.2

Sample Name: PB120755BS Acquired: 6/19/2019 15:23:00 Type: Unk
Method: P4-ICP2(v3217) 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	.75655	1.9382	.94310	1.9165	.78924	1.8878	.19303
Stddev	.00324	.0046	.00297	.0068	.00137	.0090	.00024
%RSD	.42854	.23572	.31491	.35392	.17303	.47645	.12564

#1	.75798	1.9382	.94335	1.9172	.79037	1.8812	.19323
#2	.75883	1.9427	.94001	1.9095	.78772	1.8980	.19309
#3	.75284	1.9336	.94594	1.9230	.78963	1.8842	.19276

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18971	.18188	1.0510	.38289	.18608	.31506	2.9719
Stddev	.00010	.00012	.0093	.00068	.00030	.00050	.0014
%RSD	.05301	.06332	.88589	.17783	.16260	.15859	.04828

#1	.18969	.18188	1.0403	.38289	.18573	.31499	2.9735
#2	.18982	.18176	1.0568	.38357	.18629	.31460	2.9708
#3	.18962	.18199	1.0559	.38221	.18620	.31560	2.9714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20381	1.8698	.47195	.07220	2.7704	.30032	.18037
Stddev	.00019	.0409	.00056	.00031	.0074	.00047	.00016
%RSD	.09255	2.1869	.11944	.43234	.26824	.15612	.09145

#1	.20402	1.8338	.47201	.07204	2.7708	.30079	.18049
#2	.20369	1.9143	.47136	.07200	2.7776	.30032	.18045
#3	.20371	1.8614	.47248	.07256	2.7628	.29985	.18018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4971	.40516	.27471	F -.02509	.91896	.63491	F .17038
Stddev	.0247	.00056	.00460	.00163	.00264	.00129	.00172
%RSD	.26049	.13758	1.6741	6.4792	.28684	.20274	1.0107

#1	9.5134	.40535	.27878	-.02322	.92147	.63601	.16840
#2	9.5093	.40453	.26972	-.02588	.91621	.63523	.17145
#3	9.4686	.40559	.27563	-.02617	.91921	.63350	.17131

Sample Name: PB120755BS Acquired: 6/19/2019 15:23:00 Type: Unk
Method: P4-ICP2(v3217) 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	.20104	F 5.502	F 131.02	3.0067	<.00000
Stddev	.00155	.001	.73	.0134	.29091
%RSD	.77314	.0200	.55862	.44690	35.331
#1	.20039	5.502	130.20	3.0047	-.97048
#2	.19992	5.503	131.61	2.9944	-.48830
#3	.20281	5.501	131.25	3.0210	-1.0114
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.1	41626.	3868.2	75.672	3222.1
Stddev	1.4	107.	9.3	1.796	3.1
%RSD	.04467	.25584	.24053	2.3737	.09744
#1	3204.4	41551.	3878.0	74.758	3225.2
#2	3203.2	41580.	3859.4	74.517	3219.0
#3	3201.5	41748.	3867.3	77.742	3222.0

Sample Name: PB120760BL Acquired: 6/19/2019 15:27:06 Type: Unk
Method: P4-ICP2(v3217) 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	.00042	.00071	-.00143	.00051	.00051	.00266	.00114	.00011
Stddev	.00225	.00034	.00099	.00232	.00050	.00785	.00095	.00011
%RSD	533.41	47.736	68.855	453.04	96.590	295.11	82.732	98.595

#1	-.00159	.00057	-.00185	.00258	.00106	.00907	.00154	.00020
#2	.00285	.00046	-.00031	-.00201	.00039	-.00610	.00183	.00013
#3	.00000	.00109	-.00215	.00097	.00009	.00502	.00006	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.01277	.00003	.00018	.00006	-.00180	-.00012	-.06244
Stddev	.00003	.00709	.00010	.00014	.00034	.00031	.00003	.02593
%RSD	46.327	55.518	290.58	75.625	559.39	17.071	21.400	41.524

#1	.00007	-.02061	.00001	.00003	.00035	-.00212	-.00012	-.03789
#2	.00003	-.01089	-.00005	.00029	-.00032	-.00151	-.00014	-.05987
#3	.00009	-.00681	.00015	.00022	.00015	-.00176	-.00009	-.08955

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00019	-.10754	.00023	-.00017	-.13251	-.00012	.00171
Stddev	.00014	.00060	.00627	.00035	.00001	.02931	.00015	.00999
%RSD	17.952	314.70	5.8323	151.15	8.7087	22.118	123.17	584.41

#1	.00080	.00002	-.10890	.00033	-.00015	-.10925	-.00019	-.00279
#2	.00067	.00027	-.11302	.00052	-.00018	-.16543	.00005	.01315
#3	.00096	-.00087	-.10070	-.00016	-.00017	-.12285	-.00022	-.00524

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01677	-.00056	-.00082	.00054	-.00461	-.0025	.06159	2.9520
Stddev	.00057	.00203	.00021	.00087	.00173	.0007	.00930	.0157
%RSD	3.4132	364.41	25.750	159.77	37.568	29.49	15.104	.53090

#1	-.01614	-.00239	-.00080	-.00003	-.00532	-.0030	.05224	2.9699
#2	-.01691	-.00090	-.00062	.00012	-.00264	-.0017	.06169	2.9407
#3	-.01725	.00162	-.00104	.00154	-.00588	-.0029	.07085	2.9453

Sample Name: PB120760BL Acquired: 6/19/2019 15:27:06 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.09953
%RSD	68.776

#1	-.25122
#2	-.05407
#3	-.12885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.3	40912.	3832.3	72.494	3181.1
Stddev	1.0	101.	24.5	1.899	8.9
%RSD	.03134	.24806	.63986	2.6193	.27950

#1	3160.0	40802.	3809.1	71.942	3189.7
#2	3158.1	40932.	3858.0	70.933	3181.8
#3	3159.7	41002.	3829.8	74.608	3171.9

Sample Name: PB120759BL Acquired: 6/19/2019 15:32:21 Type: Unk
Method: P4-ICP2(v3217) 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	-.00112	.00101	-.00157	-.00096	-.00011	-.00060	.00125	.00009
Stddev	.00207	.00031	.00109	.00198	.00163	.00892	.00019	.00004
%RSD	185.30	30.690	69.540	206.66	1478.6	1497.4	14.805	50.131

#1	.00108	.00097	-.00131	-.00202	.00088	-.00109	.00130	.00009
#2	-.00302	.00134	-.00276	.00133	.00078	.00857	.00141	.00013
#3	-.00141	.00072	-.00063	-.00219	-.00199	-.00926	.00105	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00680	-.00011	.00017	-.00004	-.00156	-.00014	.00228
Stddev	.00009	.00643	.00011	.00003	.00002	.00043	.00003	.06150
%RSD	236.94	94.634	103.07	18.615	46.405	27.534	20.635	2695.4

#1	.00012	-.00028	-.00010	.00019	-.00003	-.00110	-.00013	-.03771
#2	-.00006	-.00697	.00000	.00013	-.00007	-.00162	-.00017	-.02854
#3	.00005	-.01313	-.00022	.00018	-.00003	-.00195	-.00012	.07310

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00048	-.11386	.00026	-.00030	-.11923	-.00050	.00317
Stddev	.00030	.00045	.00584	.00019	.00005	.03080	.00010	.00239
%RSD	43.656	93.594	5.1308	74.104	18.107	25.837	19.477	75.474

#1	.00034	-.00099	-.11910	.00010	-.00036	-.15029	-.00039	.00416
#2	.00089	-.00034	-.11493	.00020	-.00030	-.08869	-.00054	.00492
#3	.00081	-.00012	-.10756	.00047	-.00025	-.11870	-.00058	.00044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01609	-.00173	-.00135	.00086	-.00460	-.0016	.06233	2.7860
Stddev	.00210	.00019	.00026	.00074	.00076	.0005	.04523	.1039
%RSD	13.036	10.769	19.358	85.715	16.480	30.66	72.558	3.7300

#1	-.01556	-.00166	-.00163	.00007	-.00490	-.0014	.01954	2.7663
#2	-.01430	-.00194	-.00133	.00099	-.00515	-.0022	.10965	2.6934
#3	-.01840	-.00159	-.00110	.00153	-.00373	-.0013	.05780	2.8984

Sample Name: PB120759BL Acquired: 6/19/2019 15:32:21 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.09195
%RSD	18.074

#1	-.46815
#2	-.44406
#3	-.61399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.9	40806.	3796.4	72.325	3183.3
Stddev	6.7	122.	4.8	.058	1.4
%RSD	.21369	.29823	.12683	.08065	.04425

#1	3161.6	40682.	3792.3	72.392	3184.9
#2	3148.9	40813.	3795.1	72.283	3182.4
#3	3151.4	40925.	3801.7	72.300	3182.6

Sample Name: K3435-01 Acquired: 6/19/2019 15:36:49 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01888	.00456	.01644	.00955	.00129	17.680	.03125	.00194
Stddev	.00209	.00064	.00047	.00140	.00125	.058	.00010	.00008
%RSD	11.072	14.072	2.8717	14.685	97.477	.32752	.32679	4.1239

#1	.02036	.00426	.01604	.00993	.00049	17.613	.03132	.00202
#2	.01979	.00412	.01696	.01072	.00273	17.708	.03129	.00192
#3	.01649	.00530	.01633	.00799	.00063	17.718	.03113	.00187

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	14.691	.06210	.00297	.02343	85.627	.08597	.17659
Stddev	.00004	.096	.00043	.00006	.00035	.532	.00069	.02649
%RSD	1.2122	.65324	.69531	2.0811	1.4784	.62073	.80729	14.999

#1	-.00312	14.592	.06252	.00301	.02327	85.112	.08676	.20466
#2	-.00309	14.783	.06165	.00300	.02319	86.173	.08549	.17307
#3	-.00317	14.699	.06213	.00290	.02382	85.595	.08565	.15204

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00500	-.00563	.00031	.07452	.09425	.81073	.02027	-.01997
Stddev	.00024	.00009	.00927	.00059	.00026	.03022	.00023	.00823
%RSD	4.7843	1.5297	2997.0	.79634	.28042	3.7279	1.1523	41.223

#1	-.00473	-.00563	-.00804	.07519	.09442	.80813	.02052	-.02189
#2	-.00519	-.00555	.01029	.07433	.09439	.84216	.02006	-.01095
#3	-.00507	-.00572	-.00132	.07404	.09395	.78189	.02023	-.02707

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48691	3.1934	.00192	.65175	-.00576	.6071	3.1764	1.7345
Stddev	.00354	.0619	.00033	.00180	.00113	.0041	.0545	.2556
%RSD	.72709	1.9391	17.320	.27671	19.644	.6791	1.7163	14.739

#1	.48412	3.2563	.00154	.65183	-.00646	.6062	3.1390	1.4655
#2	.49089	3.1325	.00211	.64991	-.00637	.6116	3.2389	1.7635
#3	.48571	3.1912	.00212	.65352	-.00446	.6036	3.1512	1.9743

Sample Name: K3435-01 Acquired: 6/19/2019 15:36:49 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 24.161
 Stddev .151
 %RSD .62305

#1 24.273
 #2 24.220
 #3 23.990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.2	42623.	4057.9	72.189	3085.3
Stddev	10.5	84.	14.6	.923	15.2
%RSD	.31832	.19804	.36059	1.2785	.49381

#1	3275.2	42596.	4043.4	71.850	3068.0
#2	3293.7	42555.	4072.7	73.233	3091.1
#3	3292.9	42717.	4057.6	71.483	3096.8

Sample Name: K3435-01DUP Acquired: 6/19/2019 15:41:20 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01733	.00434	.01721	.00834	-.00018	17.714	.03222	.00191
Stddev	.00131	.00102	.00042	.00200	.00181	.122	.00026	.00007
%RSD	7.5624	23.559	2.4285	24.028	1018.3	.68775	.79648	3.5514

#1	.01851	.00317	.01689	.00667	-.00224	17.631	.03200	.00186
#2	.01757	.00508	.01768	.00778	.00056	17.854	.03251	.00199
#3	.01592	.00477	.01705	.01056	.00115	17.657	.03216	.00189

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	14.576	.06093	.00327	.02325	84.951	.08706	.15522
Stddev	.00011	.073	.00049	.00012	.00058	.417	.00052	.01289
%RSD	3.7489	.49883	.80374	3.6972	2.5022	.49071	.59367	8.3033

#1	-.00290	14.546	.06038	.00327	.02378	84.806	.08649	.16245
#2	-.00310	14.659	.06133	.00339	.02263	85.421	.08751	.14034
#3	-.00292	14.523	.06107	.00314	.02335	84.625	.08717	.16286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00509	-.00528	-.00589	.07387	.09580	.79386	.02019	-.01635
Stddev	.00057	.00048	.00932	.00127	.00030	.04022	.00021	.01133
%RSD	11.121	9.0074	158.26	1.7225	.31576	5.0664	1.0449	69.286

#1	-.00570	-.00506	-.01618	.07301	.09545	.74918	.01995	-.01429
#2	-.00502	-.00582	.00200	.07533	.09594	.82717	.02035	-.00619
#3	-.00457	-.00495	-.00349	.07327	.09600	.80522	.02028	-.02856

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48962	3.1147	.00196	.65300	-.00623	.6052	3.1308	1.9683
Stddev	.00367	.0536	.00052	.00459	.00157	.0015	.0005	.1619
%RSD	.75021	1.7220	26.748	.70263	25.118	.2459	.01706	8.2247

#1	.48775	3.1763	.00141	.64778	-.00791	.6069	3.1302	1.8931
#2	.49385	3.0782	.00245	.65637	-.00598	.6041	3.1312	2.1541
#3	.48725	3.0897	.00201	.65486	-.00481	.6045	3.1310	1.8578

Sample Name: K3435-01DUP Acquired: 6/19/2019 15:41:20 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	23.869
Stddev	.675
%RSD	2.8290

#1	23.157
#2	23.952
#3	24.500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.2	42687.	4089.3	72.886	3080.0
Stddev	5.5	251.	24.4	1.636	10.6
%RSD	.16824	.58895	.59618	2.2444	.34576

#1	3277.2	42650.	4061.2	72.100	3075.4
#2	3278.8	42457.	4102.4	71.792	3072.4
#3	3287.5	42955.	4104.4	74.767	3092.1

Sample Name: K3435-01LX5 Acquired: 6/19/2019 15:45:50 Type: Unk
Method: P4-ICP2(v3217) 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	.00537	.00137	.00213	-.00022	-.00060	4.1485	.00855	.00047
Stddev	.00082	.00124	.00040	.00151	.00161	.0493	.00048	.00006
%RSD	15.334	90.732	18.542	701.10	269.85	1.1896	5.5727	11.783

#1	.00554	.00219	.00248	-.00055	.00122	4.2038	.00807	.00053
#2	.00447	.00198	.00222	.00144	-.00184	4.1088	.00902	.00042
#3	.00608	-.00006	.00170	-.00153	-.00118	4.1329	.00856	.00046

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	3.5814	.01372	.00094	.00515	20.954	.02074	.01905
Stddev	.00002	.0501	.00072	.00024	.00017	.278	.00014	.02668
%RSD	2.0067	1.3985	5.2399	25.014	3.2660	1.3263	.67820	140.01

#1	-.00083	3.6391	.01445	.00089	.00505	21.275	.02090	-.00529
#2	-.00082	3.5563	.01369	.00120	.00535	20.786	.02070	.01489
#3	-.00085	3.5489	.01302	.00073	.00507	20.802	.02063	.04757

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.00167	-.11342	.01698	.02075	.06630	.00418	.00465
Stddev	.00019	.00021	.00408	.00019	.00006	.02636	.00011	.01093
%RSD	25.848	12.809	3.5953	1.1246	.27747	39.766	2.5403	234.94

#1	-.00097	-.00142	-.11643	.01678	.02075	.03683	.00429	-.00715
#2	-.00064	-.00180	-.10878	.01715	.02081	.08766	.00415	.00668
#3	-.00064	-.00178	-.11506	.01701	.02070	.07440	.00409	.01442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09423	.76465	-.00097	.15226	-.00585	.1341	.80062	2.9224
Stddev	.00323	.01621	.00015	.00178	.00055	.0011	.01798	.1694
%RSD	3.4288	2.1198	15.354	1.1700	9.4682	.8061	2.2456	5.7954

#1	.09055	.77972	-.00082	.15069	-.00537	.1348	.81386	3.0808
#2	.09558	.76674	-.00112	.15419	-.00645	.1346	.78015	2.7439
#3	.09658	.74750	-.00098	.15188	-.00573	.1328	.80784	2.9425

Sample Name: K3435-01LX5 Acquired: 6/19/2019 15:45:50 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.6540
Stddev .0925
%RSD 1.6352

#1 5.6836
#2 5.7279
#3 5.5503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3205.2	41217.	3900.0	72.792	3155.0
Stddev	19.4	461.	16.9	2.332	19.8
%RSD	.60586	1.1179	.43205	3.2040	.62689

#1	3188.4	40686.	3891.0	72.267	3138.6
#2	3200.7	41508.	3889.6	70.767	3149.4
#3	3226.5	41457.	3919.4	75.342	3177.0

Sample Name: K3435-01MS Acquired: 6/19/2019 15:50:13 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66170	1.8183	.91173	1.6582	.34282	30.033	.21603	.17261
Stddev	.00260	.0037	.00324	.0065	.00064	.206	.00184	.00106
%RSD	.39307	.20638	.35508	.39110	.18732	.68601	.85007	.61636
#1	.65966	1.8182	.91002	1.6595	.34278	29.952	.21615	.17140
#2	.66082	1.8147	.90971	1.6640	.34220	30.267	.21780	.17339
#3	.66463	1.8222	.91546	1.6512	.34348	29.879	.21414	.17305
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17038	14.086	.38785	.17891	.29652	77.327	.23739	1.8647
Stddev	.00072	.063	.00019	.00093	.00075	.266	.00079	.0091
%RSD	.42136	.44436	.04809	.52114	.25379	.34447	.33397	.48606
#1	.17084	14.017	.38784	.17837	.29583	77.032	.23663	1.8709
#2	.16956	14.139	.38804	.17838	.29640	77.550	.23821	1.8689
#3	.17075	14.102	.38767	.17999	.29732	77.400	.23733	1.8543
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44326	.06080	2.6598	.33295	.24033	9.2018	.35098	.23793
Stddev	.00221	.00044	.0249	.00148	.00068	.1178	.00091	.00796
%RSD	.49859	.71922	.93760	.44511	.28303	1.2804	.26038	3.3437
#1	.44178	.06030	2.6543	.33144	.24048	9.1219	.35032	.24709
#2	.44221	.06111	2.6871	.33300	.23958	9.3371	.35060	.23389
#3	.44580	.06099	2.6381	.33440	.24092	9.1464	.35202	.23280
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43948	4.7569	.56378	.67782	.18931	5.890	F 125.57	2.4517
Stddev	.00285	.0614	.00287	.00627	.00228	.020	1.27	.0380
%RSD	.64917	1.2906	.50978	.92565	1.2047	.3436	1.0153	1.5498
#1	.43643	4.8277	.56476	.68495	.18970	5.885	126.05	2.4125
#2	.44208	4.7190	.56054	.67539	.19137	5.873	126.53	2.4543
#3	.43993	4.7239	.56602	.67313	.18686	5.913	124.12	2.4883

Sample Name: K3435-01MS Acquired: 6/19/2019 15:50:13 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.484
Stddev	.588
%RSD	3.0159

#1	18.971
#2	20.125
#3	19.356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.3	42206.	3978.8	74.189	3037.8
Stddev	2.0	58.	39.0	1.656	6.2
%RSD	.06206	.13793	.98096	2.2326	.20369

#1	3240.6	42141.	3935.5	72.704	3041.7
#2	3240.2	42224.	3989.8	73.887	3040.9
#3	3236.9	42253.	4011.2	75.975	3030.6

Sample Name: K3435-01MSD Acquired: 6/19/2019 15:54:27 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66295	1.8223	.91042	1.6617	.34465	30.270	.21971	.17326
Stddev	.00270	.0041	.00169	.0092	.00198	.188	.00105	.00050
%RSD	.40707	.22643	.18546	.55137	.57496	.62043	.47969	.28631
#1	.66603	1.8179	.91184	1.6715	.34655	30.211	.21946	.17358
#2	.66100	1.8230	.90855	1.6603	.34260	30.480	.22087	.17351
#3	.66183	1.8260	.91086	1.6534	.34482	30.119	.21881	.17269
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17108	14.145	.38915	.17888	.29628	77.640	.23789	1.8635
Stddev	.00050	.109	.00050	.00077	.00083	.546	.00081	.0368
%RSD	.29359	.77199	.12840	.43267	.27952	.70311	.34010	1.9749
#1	.17155	14.209	.38932	.17817	.29700	77.999	.23874	1.8766
#2	.17055	14.206	.38859	.17877	.29538	77.908	.23713	1.8220
#3	.17114	14.019	.38955	.17971	.29648	77.011	.23779	1.8920
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44382	.06133	2.6960	.33458	.24116	9.3059	.35123	.23594
Stddev	.00169	.00033	.0357	.00099	.00081	.0871	.00080	.01670
%RSD	.38097	.54457	1.3261	.29442	.33388	.93601	.22885	7.0786
#1	.44261	.06171	2.6940	.33549	.24061	9.2994	.35211	.22305
#2	.44309	.06108	2.7327	.33471	.24079	9.3960	.35053	.25481
#3	.44575	.06121	2.6613	.33353	.24209	9.2222	.35105	.22995
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44111	4.7132	.56416	.67054	.19004	5.894	F 126.21	2.4100
Stddev	.00407	.0115	.00210	.00365	.00082	.002	.50	.0811
%RSD	.92370	.24357	.37295	.54468	.42935	.0281	.39292	3.3650
#1	.44186	4.7264	.56245	.67470	.19024	5.893	126.40	2.4962
#2	.43672	4.7059	.56352	.66910	.19074	5.894	126.58	2.3987
#3	.44476	4.7073	.56651	.66783	.18914	5.896	125.65	2.3352

Sample Name: K3435-01MSD Acquired: 6/19/2019 15:54:27 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	20.007
Stddev	.301
%RSD	1.5058

#1	19.719
#2	19.982
#3	20.320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.1	42126.	4002.2	73.662	3038.3
Stddev	8.3	213.	25.2	1.701	.4
%RSD	.25588	.50602	.62909	2.3095	.01477

#1	3234.0	41947.	3975.7	71.795	3038.3
#2	3244.9	42068.	4025.8	74.068	3038.7
#3	3250.3	42362.	4005.1	75.125	3037.8

Sample Name: K3435-01A Acquired: 6/19/2019 15:58:41 Type: Unk
Method: P4-ICP2(v3217) 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	.65149	1.7911	.90136	1.6377	.34489	31.077	.21592	.17025
Stddev	.00240	.0030	.00205	.0063	.00104	.365	.00157	.00083
%RSD	.36777	.16536	.22794	.38210	.30195	1.1742	.72521	.48895
#1	.64958	1.7891	.90201	1.6310	.34385	30.876	.21452	.17102
#2	.65071	1.7897	.89906	1.6388	.34487	30.858	.21564	.16937
#3	.65418	1.7945	.90301	1.6434	.34594	31.499	.21761	.17035
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16851	14.028	.37960	.17638	.29223	76.998	.23245	1.8488
Stddev	.00056	.053	.00183	.00042	.00124	.202	.00055	.0570
%RSD	.33273	.37969	.48093	.23700	.42350	.26204	.23564	3.0821
#1	.16904	14.049	.37984	.17613	.29188	77.109	.23210	1.8057
#2	.16792	13.967	.37766	.17615	.29119	76.765	.23218	1.8272
#3	.16858	14.067	.38129	.17687	.29360	77.120	.23308	1.9134
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43654	.05982	2.6239	.32837	.24254	9.1330	.34741	.22530
Stddev	.00039	.00038	.0325	.00146	.00053	.1353	.00074	.00916
%RSD	.08876	.63427	1.2399	.44363	.21993	1.4809	.21161	4.0676
#1	.43610	.06020	2.5937	.32813	.24315	9.0049	.34662	.22094
#2	.43680	.05944	2.6196	.32704	.24216	9.1198	.34807	.23583
#3	.43673	.05980	2.6583	.32993	.24230	9.2744	.34754	.21914
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43152	4.9154	.55412	.68878	.18528	5.802	F 124.32	2.4492
Stddev	.00455	.1078	.00071	.00375	.00236	.012	.30	.0203
%RSD	1.0547	2.1938	.12773	.54410	1.2747	.2065	.24160	.83056
#1	.42810	5.0267	.55485	.68612	.18267	5.802	124.01	2.4282
#2	.42977	4.9083	.55344	.69306	.18588	5.791	124.60	2.4504
#3	.43669	4.8113	.55407	.68715	.18728	5.815	124.36	2.4688

Sample Name: K3435-01A Acquired: 6/19/2019 15:58:41 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.824
Stddev	.175
%RSD	.88162

#1	19.655
#2	20.004
#3	19.814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.5	42263.	3991.0	73.031	3036.5
Stddev	8.3	267.	27.0	2.431	5.3
%RSD	.25731	.63085	.67548	3.3292	.17616

#1	3243.8	42200.	3962.7	70.241	3037.8
#2	3246.6	42556.	3994.0	74.693	3041.1
#3	3231.0	42034.	4016.4	74.161	3030.7

Sample Name: CCV05 Acquired: 6/19/2019 16:29:30 Type: Unk
Method: P4-ICP2(v3217) 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	5.2708	5.1856	5.0630	5.2491	5.2034	9.9793	10.048	.25118
Stddev	.0235	.0236	.0236	.0185	.0106	.1204	.126	.00366
%RSD	.44626	.45579	.46672	.35141	.20351	1.2061	1.2514	1.4582
#1	5.2548	5.1667	5.0449	5.2306	5.1950	9.8506	9.9035	.24696
#2	5.2598	5.1780	5.0544	5.2492	5.2000	9.9982	10.111	.25314
#3	5.2978	5.2121	5.0898	5.2675	5.2153	10.089	10.130	.25346
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5242	24.621	1.0061	2.4918	1.2990	4.9423	2.5406	24.322
Stddev	.0105	.316	.0154	.0081	.0054	.0723	.0360	.224
%RSD	.41485	1.2822	1.5351	.32537	.41910	1.4623	1.4184	.92163
#1	2.5150	24.265	.98823	2.4864	1.2955	4.8591	2.4991	24.076
#2	2.5221	24.731	1.0150	2.4878	1.2962	4.9773	2.5638	24.377
#3	2.5356	24.867	1.0149	2.5011	1.3053	4.9903	2.5590	24.514
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5291	1.2717	24.849	2.5404	2.4830	25.010	5.2952	5.0260
Stddev	.0102	.0168	.365	.0367	.0072	.289	.0241	.0772
%RSD	.40198	1.3191	1.4682	1.4463	.29090	1.1570	.45510	1.5366
#1	2.5196	1.2523	24.428	2.4980	2.4783	24.676	5.2789	4.9386
#2	2.5279	1.2808	25.055	2.5615	2.4793	25.154	5.2838	5.0545
#3	2.5398	1.2820	25.064	2.5618	2.4913	25.198	5.3228	5.0849
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1290	5.2338	4.9205	4.7871	5.1394	5.326	F 1378.1	F 4.2001
Stddev	.0148	.0345	.0207	.0189	.0061	.019	1.6	.1714
%RSD	.28831	.65876	.41963	.39453	.11787	.3617	.11921	4.0800
#1	5.1180	5.1947	4.9008	4.7823	5.1361	5.315	1377.7	4.0075
#2	5.1232	5.2470	4.9186	4.7711	5.1358	5.314	1376.7	4.3358
#3	5.1458	5.2597	4.9420	4.8080	5.1464	5.348	1379.9	4.2570

Sample Name: CCV05 Acquired: 6/19/2019 16:29:30 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8220
Stddev .4753
%RSD 26.083

#1 1.7977
#2 2.3090
#3 1.3594

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2953.5	38659.	3702.8	68.390	2759.7
Stddev	11.4	423.	3.0	1.633	10.9
%RSD	.38504	1.0944	.08143	2.3880	.39663

#1	2956.9	39148.	3699.8	69.417	2762.8
#2	2962.8	38422.	3705.8	66.507	2768.8
#3	2940.9	38409.	3702.8	69.247	2747.6

Sample Name: CCB05 Acquired: 6/19/2019 16:33:29 Type: Unk
Method: P4-ICP2(v3217) 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	-.00024	.00118	-.00008	.00200	.00438	.01300	.00172
Stddev	.00095	.00015	.00038	.00035	.00236	.00967	.00040
%RSD	394.70	12.913	479.21	17.548	53.935	74.389	23.235

#1	.00066	.00108	-.00051	.00239	.00481	.01518	.00167
#2	-.00016	.00110	.00019	.00170	.00183	.02140	.00215
#3	-.00122	.00135	.00008	.00192	.00649	.00243	.00135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00015	-.01855	-.00031	.00024	.00021	-.00141
Stddev	.00004	.00009	.01116	.00011	.00004	.00013	.00025
%RSD	30.951	63.000	60.146	35.096	16.568	61.866	17.784

#1	.00019	.00021	-.00944	-.00020	.00020	.00018	-.00137
#2	.00011	.00019	-.01521	-.00031	.00028	.00010	-.00118
#3	.00012	.00004	-.03099	-.00042	.00025	.00035	-.00168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01675	.00077	-.00046	-.13045	.00033	-.00013
Stddev	.00003	.00541	.00026	.00006	.00573	.00029	.00004
%RSD	39.397	32.307	33.480	13.704	4.3932	86.317	31.229

#1	-.00006	-.01775	.00088	-.00040	-.13697	.00046	-.00012
#2	-.00004	-.01090	.00048	-.00045	-.12821	.00000	-.00017
#3	-.00009	-.02158	.00096	-.00053	-.12619	.00053	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10488	.00074	.00524	F -.01718	.00192	-.00036	.00131
Stddev	.01653	.00061	.01649	.00116	.00218	.00064	.00063
%RSD	15.761	82.888	315.01	6.7344	113.47	174.90	48.329

#1	-.09882	.00134	.01972	-.01736	.00086	.00009	.00139
#2	-.12359	.00077	-.01272	-.01824	.00443	-.00009	.00190
#3	-.09224	.00011	.00870	-.01595	.00048	-.00109	.00064

Sample Name: CCB05 Acquired: 6/19/2019 16:33:29 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00147	-0.0004	F .10432	F 3.0441	F<.00000
Stddev	.00078	.0010	.03078	.1417	.17617
%RSD	53.034	277.3	29.509	4.6540	42.610

#1	-0.00217	.0008	.11154	3.0600	-.61238
#2	-0.00063	-.0011	.13084	2.8952	-.27712
#3	-0.00162	-.0008	.07056	3.1772	-.35088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.4	40239.	3719.5	71.508	3124.7
Stddev	9.5	292.	24.1	.911	5.0
%RSD	.30685	.72515	.64846	1.2743	.15944

#1	3101.2	39910.	3747.3	72.092	3129.8
#2	3083.6	40468.	3704.8	71.975	3124.5
#3	3086.3	40338.	3706.3	70.458	3119.9

Sample Name: K3438-01 Acquired: 6/19/2019 16:42:18 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-01-005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01152	.00413	.02110	.00860	.00094	16.052	.02773	.00159
Stddev	.00061	.00039	.00079	.00214	.00018	.078	.00030	.00011
%RSD	5.3358	9.5671	3.7217	24.914	19.715	.48762	1.0640	6.9274

#1	.01090	.00443	.02136	.00652	.00109	15.972	.02773	.00167
#2	.01152	.00427	.02173	.01080	.00073	16.056	.02744	.00163
#3	.01213	.00368	.02022	.00849	.00099	16.128	.02803	.00147

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	11.802	.03460	.00135	.01818	69.747	.05713	.09579
Stddev	.00011	.036	.00026	.00008	.00032	.175	.00032	.03024
%RSD	4.0441	.30634	.76125	6.1402	1.7626	.25147	.56231	31.570

#1	-.00276	11.824	.03476	.00129	.01786	69.827	.05741	.07567
#2	-.00257	11.760	.03474	.00132	.01850	69.546	.05720	.08114
#3	-.00259	11.822	.03429	.00145	.01818	69.868	.05678	.13057

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00430	-.00448	-.12248	.06522	.02504	.70751	.01445	-.01746
Stddev	.00020	.00023	.00393	.00083	.00011	.04098	.00031	.01304
%RSD	4.5731	5.0475	3.2126	1.2654	.45107	5.7915	2.1424	74.664

#1	-.00416	-.00438	-.12645	.06609	.02513	.72460	.01410	-.02983
#2	-.00420	-.00473	-.11858	.06511	.02509	.66076	.01468	-.00385
#3	-.00452	-.00431	-.12242	.06445	.02491	.73717	.01457	-.01870

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37606	3.6502	.00154	.64389	-.00414	.4958	1.8622	2.2934
Stddev	.00216	.0423	.00021	.00193	.00183	.0011	.1163	.1804
%RSD	.57428	1.1597	13.569	.29930	44.239	.2247	6.2468	7.8660

#1	.37373	3.6628	.00145	.64443	-.00236	.4948	1.7406	2.0857
#2	.37644	3.6847	.00178	.64175	-.00602	.4970	1.8737	2.3830
#3	.37800	3.6030	.00138	.64549	-.00403	.4957	1.9724	2.4114

Sample Name: K3438-01 Acquired: 6/19/2019 16:42:18 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-01-005 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 19.282
 Stddev .124
 %RSD .64473

#1 19.425
 #2 19.202
 #3 19.219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.9	41546.	3945.4	73.775	3082.5
Stddev	14.9	42.	24.4	.517	10.7
%RSD	.46280	.10096	.61917	.70115	.34595

#1	3220.8	41525.	3927.3	74.367	3084.6
#2	3237.4	41595.	3935.6	73.408	3092.0
#3	3207.6	41519.	3973.2	73.550	3071.0

Sample Name: K3438-03 Acquired: 6/19/2019 16:46:49 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-01-005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01606	.00334	.01558	.00949	.00006	14.555	.02655	.00164
Stddev	.00115	.00090	.00018	.00171	.00149	.178	.00039	.00005
%RSD	7.1826	26.793	1.1828	18.075	2495.3	1.2201	1.4793	2.8000

#1	.01636	.00239	.01578	.00774	.00077	14.351	.02637	.00160
#2	.01479	.00347	.01553	.00955	.00107	14.637	.02700	.00162
#3	.01703	.00417	.01542	.01117	-.00165	14.676	.02628	.00169

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00283	12.177	.04048	.00229	.02081	71.811	.07379	.12396
Stddev	.00008	.010	.00072	.00013	.00009	.024	.00059	.03329
%RSD	2.6701	.08058	1.7874	5.5526	.44715	.03336	.80485	26.855

#1	-.00285	12.183	.04049	.00219	.02081	71.814	.07318	.09341
#2	-.00275	12.183	.03976	.00225	.02072	71.833	.07384	.11904
#3	-.00289	12.166	.04121	.00244	.02091	71.785	.07436	.15944

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00421	-.00507	-.13888	.06653	.03608	.62959	.01691	-.00905
Stddev	.00045	.00060	.00574	.00078	.00024	.04188	.00004	.00434
%RSD	10.593	11.855	4.1337	1.1697	.67205	6.6515	.26407	47.941

#1	-.00457	-.00470	-.14529	.06564	.03617	.58124	.01688	-.00405
#2	-.00435	-.00474	-.13714	.06683	.03626	.65296	.01689	-.01175
#3	-.00371	-.00576	-.13421	.06711	.03580	.65456	.01696	-.01136

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41366	3.1401	.00184	.62719	-.00676	.4885	1.7283	2.3678
Stddev	.00034	.0286	.00044	.00109	.00132	.0009	.0140	.0826
%RSD	.08135	.91172	23.739	.17356	19.524	.1813	.80697	3.4873

#1	.41390	3.1672	.00172	.62593	-.00812	.4895	1.7136	2.2835
#2	.41328	3.1101	.00147	.62786	-.00549	.4881	1.7302	2.4486
#3	.41381	3.1430	.00232	.62777	-.00668	.4879	1.7413	2.3712

Sample Name: K3438-03 Acquired: 6/19/2019 16:46:49 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-01-005 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	20.288
Stddev	.477
%RSD	2.3489

#1	20.260
#2	19.827
#3	20.778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.8	41541.	3893.9	71.417	3059.9
Stddev	10.6	147.	17.7	.237	15.6
%RSD	.33376	.35386	.45554	.33230	.50885

#1	3179.4	41708.	3877.2	71.675	3042.4
#2	3200.6	41480.	3912.5	71.208	3072.3
#3	3189.4	41434.	3891.9	71.367	3065.0

Sample Name: K3439-01 Acquired: 6/19/2019 16:51:19 Type: Unk
Method: P4-ICP2(v3217) 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	.08976	.01355	.22493	-.00738	.00716	166.85	1.4212	.00946
Stddev	.00561	.00079	.00108	.00234	.00140	.30	.0018	.00004
%RSD	6.2451	5.8316	.48187	31.760	19.540	.18070	.12428	.46847
#1	.08854	.01294	.22393	-.00467	.00770	167.04	1.4204	.00942
#2	.09588	.01444	.22479	-.00867	.00557	166.51	1.4200	.00945
#3	.08487	.01326	.22608	-.00879	.00820	167.02	1.4232	.00951
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	1515.0	.01115	.10733	.50350	168.45	3.9509	219.83
Stddev	.00006	10.2	.00385	.00015	.00211	.23	.0038	.86
%RSD	3.0627	.67158	34.518	.13572	.41979	.13567	.09629	.39104
#1	.00186	1504.3	.00691	.10742	.50539	168.67	3.9548	219.04
#2	.00197	1516.1	.01214	.10741	.50122	168.46	3.9472	219.70
#3	.00190	1524.5	.01441	.10716	.50389	168.22	3.9507	220.75
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25737	-.02519	17.960	.33855	1.1640	23.942	.01793	.03815
Stddev	.00140	.00024	.030	.00088	.0018	.078	.00063	.00812
%RSD	.54454	.94281	.16449	.25984	.15450	.32396	3.5022	21.283
#1	.25684	-.02493	17.956	.33758	1.1632	23.888	.01796	.04727
#2	.25631	-.02524	17.934	.33930	1.1661	23.907	.01855	.03169
#3	.25896	-.02539	17.992	.33876	1.1629	24.031	.01729	.03551
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.828	.71930	-.51585	4.6370	.19991	F 10.38	F 2729.7	3.2023
Stddev	.091	.00715	.00544	.0035	.00052	.02	23.7	.0612
%RSD	.21154	.99353	1.0541	.07627	.26005	.2387	.86723	1.9120
#1	42.870	.71937	-.51865	4.6361	.19935	10.41	2745.1	3.2341
#2	42.890	.72641	-.51932	4.6409	.20037	10.37	2741.6	3.1317
#3	42.724	.71211	-.50959	4.6340	.20002	10.36	2702.4	3.2411

Sample Name: K3439-01 Acquired: 6/19/2019 16:51:19 Type: Unk
Method: P4-ICP2(v3217) 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	58.678
Stddev	.548
%RSD	.93378

#1	58.132
#2	59.228
#3	58.675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.6	38130.	4098.2	59.309	2112.6
Stddev	6.7	63.	44.8	2.013	.6
%RSD	.22922	.16449	1.0943	3.3944	.02962

#1	2921.0	38076.	4069.6	61.487	2111.9
#2	2933.5	38115.	4075.0	57.516	2112.8
#3	2931.3	38199.	4149.9	58.923	2113.1

Sample Name: K3440-01 Acquired: 6/19/2019 16:56:01 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01451	.00398	.01966	.01186	.00087	15.752	.03283	.00183
Stddev	.00172	.00085	.00068	.00049	.00058	.026	.00068	.00008
%RSD	11.858	21.503	3.4789	4.0910	66.839	.16621	2.0801	4.6299

#1	.01394	.00406	.01923	.01241	.00111	15.772	.03362	.00173
#2	.01314	.00479	.02045	.01164	.00021	15.763	.03243	.00186
#3	.01644	.00308	.01931	.01152	.00129	15.723	.03245	.00190

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00304	14.112	.06482	.00210	.02229	81.053	.07814	.10282
Stddev	.00006	.044	.00058	.00008	.00008	.247	.00006	.01406
%RSD	1.9999	.31040	.89845	3.8903	.35876	.30459	.07601	13.670

#1	-.00305	14.103	.06429	.00213	.02227	80.998	.07812	.11865
#2	-.00310	14.159	.06473	.00201	.02222	81.322	.07810	.09804
#3	-.00298	14.073	.06544	.00217	.02238	80.837	.07821	.09179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00468	-.00544	-.02378	.07002	.14980	.65919	.01574	-.01272
Stddev	.00022	.00032	.00124	.00040	.00071	.01430	.00017	.00558
%RSD	4.7840	5.8996	5.2324	.57471	.47346	2.1694	1.0825	43.877

#1	-.00490	-.00562	-.02498	.07047	.15019	.66226	.01590	-.00992
#2	-.00469	-.00507	-.02387	.06986	.15022	.67170	.01576	-.01915
#3	-.00445	-.00563	-.02250	.06972	.14898	.64360	.01556	-.00910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47377	2.3959	.00416	.58800	-.00609	.6643	3.9324	2.4082
Stddev	.00243	.0172	.00003	.00213	.00088	.0034	.0761	.1487
%RSD	.51269	.71778	.60836	.36177	14.450	.5163	1.9340	6.1733

#1	.47356	2.4157	.00418	.58998	-.00601	.6666	4.0066	2.2427
#2	.47630	2.3860	.00418	.58575	-.00701	.6658	3.9358	2.5303
#3	.47146	2.3859	.00414	.58827	-.00525	.6603	3.8546	2.4518

Sample Name: K3440-01 Acquired: 6/19/2019 16:56:01 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-008 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	22.432
Stddev	.261
%RSD	1.1623

#1	22.140
#2	22.642
#3	22.514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3209.3	41627.	3924.9	71.156	3050.0
Stddev	14.8	169.	25.0	1.717	13.7
%RSD	.46017	.40550	.63631	2.4126	.44797

#1	3196.4	41451.	3902.8	69.667	3038.3
#2	3206.2	41641.	3920.0	70.767	3046.7
#3	3225.4	41788.	3952.0	73.033	3065.0

Sample Name: K3440-03 Acquired: 6/19/2019 17:00:32 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-008 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01629	.00326	.01508	.00838	-.00006	16.124	.02780	.00171
Stddev	.00300	.00115	.00061	.00064	.00179	.023	.00015	.00006
%RSD	18.439	35.240	4.0148	7.5957	3002.1	.14442	.52548	3.7891
#1	.01713	.00300	.01447	.00911	-.00211	16.145	.02775	.00173
#2	.01295	.00226	.01508	.00795	.00079	16.099	.02768	.00176
#3	.01877	.00451	.01568	.00807	.00114	16.128	.02796	.00164
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	12.567	.04003	.00125	.02020	72.954	.05947	.12141
Stddev	.00009	.028	.00047	.00023	.00007	.193	.00015	.02214
%RSD	3.2122	.22327	1.1862	18.579	.35042	.26394	.25466	18.236
#1	-.00267	12.600	.03977	.00125	.02019	73.145	.05930	.13067
#2	-.00282	12.555	.03974	.00149	.02014	72.957	.05960	.13742
#3	-.00283	12.548	.04058	.00102	.02028	72.760	.05952	.09615
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00405	-.00513	-.04437	.06772	.10932	.74558	.01922	-.01454
Stddev	.00031	.00028	.01241	.00047	.00008	.01212	.00012	.00402
%RSD	7.7364	5.5444	27.964	.69189	.07008	1.6261	.60462	27.630
#1	-.00437	-.00487	-.05864	.06718	.10927	.73513	.01935	-.01023
#2	-.00403	-.00543	-.03842	.06805	.10941	.75887	.01912	-.01523
#3	-.00374	-.00507	-.03606	.06793	.10928	.74273	.01918	-.01817
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43502	2.9597	.00228	.60548	-.00440	.5212	2.0699	2.5113
Stddev	.00394	.0479	.00052	.01062	.00048	.0032	.0489	.1676
%RSD	.90491	1.6169	22.604	1.7543	10.838	.6119	2.3615	6.6752
#1	.43157	2.9694	.00169	.60999	-.00392	.5246	2.1259	2.6794
#2	.43418	2.9077	.00266	.59335	-.00441	.5183	2.0358	2.5105
#3	.43931	3.0019	.00248	.61311	-.00488	.5208	2.0480	2.3441

Sample Name: K3440-03 Acquired: 6/19/2019 17:00:32 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-008 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 20.150
 Stddev .216
 %RSD 1.0731

#1 19.961
 #2 20.104
 #3 20.386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.4	41411.	3951.8	72.364	3058.5
Stddev	7.6	178.	69.6	1.110	9.9
%RSD	.23771	.42867	1.7620	1.5334	.32326

#1	3194.6	41206.	3896.1	71.117	3047.2
#2	3207.6	41520.	4029.9	72.733	3063.4
#3	3208.0	41507.	3929.5	73.242	3065.1

Sample Name: K3441-02 Acquired: 6/19/2019 17:05:02 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-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	.02844	.01075	.18018	.00912	.00268	105.50	1.2026	.00953
Stddev	.00108	.00061	.00134	.00184	.00060	.71	.0075	.00013
%RSD	3.8094	5.6430	.74107	20.214	22.437	.66849	.62039	1.3664
#1	.02726	.01134	.18037	.00703	.00252	104.76	1.1949	.00938
#2	.02940	.01013	.18141	.00977	.00218	105.59	1.2031	.00961
#3	.02866	.01078	.17876	.01054	.00335	106.16	1.2098	.00959
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	116.27	.12895	.10506	.36732	152.50	3.3996	45.038
Stddev	.00016	.52	.00042	.00010	.00004	.29	.0142	.240
%RSD	10.387	.44684	.32706	.09561	.01179	.19053	.41735	.53303
#1	-.00145	115.71	.12848	.10498	.36732	152.32	3.4157	44.768
#2	-.00145	116.36	.12910	.10517	.36736	152.34	3.3890	45.117
#3	-.00173	116.74	.12928	.10502	.36728	152.83	3.3941	45.228
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19666	-.01876	3.1391	.25046	.67120	11.805	.00213	-.02649
Stddev	.00059	.00025	.0314	.00128	.00217	.095	.00009	.00121
%RSD	.29755	1.3587	.99976	.50914	.32265	.80063	4.1864	4.5684
#1	.19732	-.01861	3.1067	.25000	.67338	11.717	.00211	-.02521
#2	.19620	-.01862	3.1412	.24948	.67116	11.794	.00205	-.02665
#3	.19647	-.01906	3.1694	.25190	.66905	11.905	.00223	-.02762
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0577	3.6264	-.02545	.95983	.24540	5.913	F 194.40	.75764
Stddev	.0025	.0345	.00059	.00508	.00074	.018	1.14	.08022
%RSD	.12287	.95042	2.3100	.52896	.30081	.3102	.58478	10.588
#1	2.0583	3.6396	-.02588	.95528	.24558	5.934	194.97	.84959
#2	2.0550	3.5873	-.02568	.95889	.24460	5.902	193.09	.72133
#3	2.0600	3.6523	-.02478	.96531	.24604	5.903	195.13	.70200

Sample Name: K3441-02 Acquired: 6/19/2019 17:05:02 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	49.678
Stddev	.305
%RSD	.61452

#1	49.647
#2	49.390
#3	49.998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.1	44204.	4373.5	69.312	2673.6
Stddev	6.1	25.	27.8	2.160	6.2
%RSD	.17947	.05683	.63648	3.1165	.23166

#1	3396.9	44217.	4343.7	69.993	2670.8
#2	3392.7	44220.	4398.9	71.049	2669.3
#3	3404.7	44175.	4378.0	66.893	2680.7

Sample Name: K3442-01 Acquired: 6/19/2019 17:09:36 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390613725-DE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01497	.00698	.09810	.03028	.00761	12.694	1.1933	.00564
Stddev	.00131	.00146	.00054	.00151	.00141	.202	.0132	.00010
%RSD	8.7715	20.899	.54862	4.9939	18.573	1.5906	1.1054	1.7960
#1	.01634	.00652	.09872	.02869	.00918	12.526	1.1805	.00561
#2	.01484	.00581	.09781	.03044	.00721	12.918	1.2068	.00556
#3	.01373	.00862	.09777	.03170	.00644	12.638	1.1927	.00575
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	64.619	.02030	.01513	1.4608	184.04	1.4900	6.5095
Stddev	.00013	.607	.00081	.00022	.0046	.86	.0011	.0358
%RSD	55.663	.93996	4.0069	1.4418	.31149	.46807	.07545	.54950
#1	.00036	64.159	.02097	.01532	1.4587	183.28	1.4889	6.4773
#2	.00011	65.308	.02054	.01489	1.4576	184.97	1.4901	6.5480
#3	.00021	64.391	.01939	.01516	1.4660	183.85	1.4911	6.5031
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03130	-.01004	3.4415	.02489	2.1151	5.7587	.01513	-.01712
Stddev	.00028	.00011	.0502	.00017	.0036	.0717	.00025	.00766
%RSD	.88723	1.1018	1.4597	.66880	.16967	1.2456	1.6847	44.755
#1	.03128	-.00997	3.3840	.02506	2.1168	5.6758	.01518	-.02275
#2	.03103	-.01016	3.4769	.02473	2.1110	5.8016	.01485	-.02021
#3	.03158	-.00998	3.4636	.02487	2.1175	5.7986	.01535	-.00839
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.716	1.6594	.04155	.07105	-.00387	F 90.08	F 225.28	1.8918
Stddev	.109	.0135	.00104	.00106	.00158	.19	.84	.0194
%RSD	.27378	.81607	2.5107	1.4888	40.768	.2060	.37293	1.0251
#1	39.709	1.6729	.04043	.07127	-.00344	90.24	225.63	1.8787
#2	39.611	1.6458	.04174	.06990	-.00562	89.88	225.89	1.9141
#3	39.828	1.6595	.04249	.07197	-.00255	90.12	224.32	1.8825

Sample Name: K3442-01 Acquired: 6/19/2019 17:09:36 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390613725-DE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	53.914
Stddev	.371
%RSD	.68850

#1	54.078
#2	53.489
#3	54.176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.3	40865.	4027.7	71.734	2878.9
Stddev	5.1	101.	35.6	2.755	6.5
%RSD	.16339	.24642	.88466	3.8406	.22710

#1	3108.4	40863.	3987.6	68.766	2871.3
#2	3117.2	40765.	4055.9	74.210	2883.0
#3	3117.3	40967.	4039.6	72.226	2882.2

Sample Name: K3382-02 Acquired: 6/19/2019 17:13:59 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01301	-.00015	.02198	.00374	.00139	1.2383	.02123	.00017
Stddev	.00283	.00095	.00059	.00072	.00099	.0048	.00035	.00004
%RSD	21.749	617.57	2.6672	19.152	71.159	.38758	1.6419	24.433
#1	.01011	.00072	.02182	.00428	.00074	1.2437	.02156	.00013
#2	.01576	-.00002	.02263	.00293	.00091	1.2347	.02127	.00017
#3	.01315	-.00116	.02149	.00401	.00253	1.2364	.02086	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	42.692	-.01003	.00120	.00945	3.1583	.02087	7.1501
Stddev	.00003	.215	.00012	.00013	.00026	.0022	.00013	.1152
%RSD	16.835	.50406	1.1499	10.942	2.7606	.07034	.60569	1.6110
#1	-.00017	42.444	-.00995	.00120	.00918	3.1562	.02074	7.0880
#2	-.00019	42.815	-.01017	.00107	.00969	3.1581	.02089	7.2830
#3	-.00023	42.818	-.00998	.00133	.00949	3.1607	.02099	7.0793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	-.00126	10.478	.01022	.03071	5.1084	.03004	.07063
Stddev	.00014	.00061	.075	.00019	.00005	.0584	.00017	.01196
%RSD	8.2227	48.747	.71530	1.9050	.17896	1.1427	.54945	16.938
#1	.00172	-.00197	10.453	.01028	.03068	5.0480	.03022	.07332
#2	.00156	-.00084	10.563	.01039	.03067	5.1645	.02992	.08102
#3	.00184	-.00098	10.419	.01001	.03077	5.1127	.02997	.05755
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7766	6.6236	-.03827	-.00288	.00346	.0872	F 179.52	4.3053
Stddev	.0410	.0093	.00045	.00065	.00178	.0011	1.35	.1921
%RSD	.41945	.13997	1.1670	22.724	51.382	1.226	.75323	4.4616
#1	9.8122	6.6325	-.03776	-.00342	.00350	.0864	179.40	4.3021
#2	9.7859	6.6140	-.03860	-.00215	.00167	.0884	180.92	4.4990
#3	9.7318	6.6242	-.03844	-.00306	.00522	.0867	178.23	4.1149

Sample Name: K3382-02 Acquired: 6/19/2019 17:13:59 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.49935
Stddev	.02976
%RSD	5.9596

#1	.50913
#2	.46593
#3	.52299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.6	38506.	3630.1	69.828	2907.7
Stddev	20.9	208.	23.1	.585	18.0
%RSD	.70553	.53924	.63567	.83822	.61744

#1	2964.7	38349.	3614.4	70.501	2900.5
#2	2939.3	38428.	3619.2	69.439	2894.5
#3	2980.7	38741.	3656.6	69.544	2928.2

Sample Name: CCV06 Acquired: 6/19/2019 17:18:22 Type: Unk
Method: P4-ICP2(v3217) 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	5.2595	5.1464	5.0341	5.2264	5.1797	10.124	10.116	.25466
Stddev	.0097	.0032	.0012	.0038	.0030	.102	.058	.00114
%RSD	.18478	.06132	.02433	.07186	.05868	1.0068	.56864	.44758
#1	5.2705	5.1438	5.0346	5.2293	5.1832	10.007	10.051	.25335
#2	5.2520	5.1454	5.0349	5.2222	5.1778	10.191	10.161	.25536
#3	5.2559	5.1499	5.0327	5.2277	5.1781	10.174	10.136	.25528
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5059	24.914	1.0080	2.4780	1.2975	4.9896	2.5652	24.564
Stddev	.0027	.245	.0087	.0051	.0008	.0306	.0142	.354
%RSD	.10974	.98459	.86389	.20485	.06346	.61302	.55382	1.4405
#1	2.5036	24.638	.99849	2.4740	1.2965	4.9544	2.5488	24.160
#2	2.5089	25.106	1.0156	2.4837	1.2979	5.0094	2.5742	24.819
#3	2.5051	24.999	1.0099	2.4762	1.2980	5.0051	2.5725	24.712
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5116	1.2812	25.029	2.5676	2.4643	25.236	5.2838	5.0674
Stddev	.0031	.0065	.170	.0125	.0022	.235	.0024	.0642
%RSD	.12481	.50455	.67796	.48771	.08788	.92986	.04447	1.2666
#1	2.5080	1.2739	24.839	2.5532	2.4622	25.038	5.2812	4.9941
#2	2.5137	1.2862	25.165	2.5754	2.4665	25.495	5.2843	5.1136
#3	2.5131	1.2835	25.082	2.5743	2.4642	25.174	5.2858	5.0945
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1411	5.2655	4.8963	4.8133	5.1728	5.297	F 1386.0	4.5288
Stddev	.0135	.0142	.0105	.0211	.0056	.004	2.3	.1008
%RSD	.26248	.26997	.21359	.43891	.10731	.0833	.16438	2.2264
#1	5.1255	5.2813	4.8842	4.7989	5.1792	5.300	1388.1	4.4890
#2	5.1487	5.2536	4.9022	4.8036	5.1697	5.300	1383.6	4.4540
#3	5.1491	5.2617	4.9024	4.8376	5.1696	5.292	1386.2	4.6435

Sample Name: CCV06 Acquired: 6/19/2019 17:18:22 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.3335
 Stddev .2918
 %RSD 12.505

#1 2.1524
 #2 2.6701
 #3 2.1779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.5	38742.	3716.1	67.712	2785.3
Stddev	4.6	166.	10.6	1.786	2.7
%RSD	.15589	.42792	.28486	2.6382	.09578

#1	2970.2	38929.	3705.2	69.600	2784.6
#2	2971.5	38613.	3726.4	66.048	2783.0
#3	2978.8	38684.	3716.7	67.488	2788.2

Sample Name: CCB06 Acquired: 6/19/2019 17:22:20 Type: Unk
 Method: P4-ICP2(v3217) 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	.00025	.00064	-.00143	.00111	.00170	.00639	.00202
Stddev	.00079	.00079	.00106	.00007	.00185	.00977	.00070
%RSD	320.96	124.64	74.048	6.6186	108.76	152.95	34.679

#1	.00077	.00149	-.00237	.00109	.00340	.00253	.00254
#2	-.00066	-.00008	-.00029	.00105	.00196	.01751	.00231
#3	.00062	.00050	-.00163	.00119	-.00026	-.00086	.00122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00005	-.00816	-.00036	.00022	.00012	-.00146
Stddev	.00003	.00007	.00626	.00025	.00006	.00029	.00008
%RSD	46.300	155.33	76.734	70.444	28.546	252.26	5.5155

#1	.00008	.00013	-.00224	-.00017	.00018	.00027	-.00149
#2	.00004	.00001	-.01472	-.00065	.00018	.00030	-.00136
#3	.00010	-.00000	-.00753	-.00026	.00029	-.00022	-.00151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.02670	.00091	-.00101	-.14228	-.00005	-.00019
Stddev	.00004	.04651	.00025	.00030	.00398	.00012	.00005
%RSD	40.719	174.20	27.398	29.883	2.7984	241.14	27.657

#1	-.00005	.01057	.00094	-.00068	-.14662	.00009	-.00020
#2	-.00010	-.01185	.00114	-.00106	-.13880	-.00013	-.00025
#3	-.00011	-.07883	.00065	-.00128	-.14142	-.00011	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14805	.00039	.00797	F -.01373	.00368	-.00013	.00142
Stddev	.02244	.00012	.01489	.00260	.00234	.00015	.00137
%RSD	15.155	31.019	186.72	18.901	63.530	118.78	96.480

#1	-.15327	.00050	.01825	-.01662	.00595	-.00030	.00217
#2	-.16742	.00041	-.00910	-.01159	.00381	-.00005	.00225
#3	-.12346	.00026	.01477	-.01299	.00128	-.00003	-.00016

Sample Name: CCB06 Acquired: 6/19/2019 17:22:20 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	-.0005	F .04053	F 3.0899	F<.00000
Stddev	.00059	.0008	.05757	.1111	.21901
%RSD	143.71	167.6	142.03	3.5951	56.166
#1	-.00109	.0003	-.02020	3.1636	-.58649
#2	-.00010	-.0013	.09430	3.1438	-.42945
#3	-.00004	-.0004	.04750	2.9621	-.15385
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.8	40623.	3776.5	72.331	3195.8
Stddev	7.7	140.	30.8	1.704	8.3
%RSD	.24311	.34473	.81542	2.3558	.26096
#1	3151.3	40471.	3741.0	73.208	3198.0
#2	3154.9	40650.	3795.7	70.367	3202.9
#3	3140.2	40747.	3792.9	73.417	3186.6

Sample Name: K3382-02DUP Acquired: 6/19/2019 17:26:50 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMPDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01338	.00036	.02137	.00104	.00217	1.2499	.02150	.00023
Stddev	.00396	.00029	.00037	.00164	.00079	.0134	.00071	.00004
%RSD	29.571	80.453	1.7195	157.75	36.257	1.0715	3.3004	17.028
#1	.01702	.00069	.02109	-.00077	.00308	1.2612	.02103	.00026
#2	.01396	.00024	.02179	.00147	.00167	1.2534	.02231	.00025
#3	.00917	.00015	.02124	.00242	.00177	1.2351	.02115	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	42.792	-.00990	.00120	.00956	3.1563	.02085	7.1619
Stddev	.00002	.239	.00024	.00013	.00017	.0042	.00017	.0611
%RSD	9.1930	.55959	2.4393	10.737	1.7685	.13248	.82156	.85327
#1	-.00022	42.586	-.00965	.00130	.00965	3.1524	.02105	7.1129
#2	-.00018	43.055	-.01013	.00105	.00967	3.1607	.02076	7.1425
#3	-.00021	42.735	-.00993	.00123	.00936	3.1556	.02075	7.2304
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.00144	10.486	.01066	.02927	5.1145	.03013	.08677
Stddev	.00019	.00021	.033	.00032	.00003	.0360	.00029	.00776
%RSD	8.8910	14.456	.31206	3.0118	.08664	.70317	.95038	8.9447
#1	.00188	-.00134	10.459	.01084	.02927	5.0779	.03046	.09009
#2	.00223	-.00168	10.522	.01029	.02930	5.1498	.02995	.07790
#3	.00214	-.00130	10.476	.01085	.02925	5.1159	.02998	.09231
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6843	6.5344	-.03785	-.00242	.00565	.0856	F 178.06	3.7892
Stddev	.0280	.0398	.00048	.00018	.00080	.0010	.77	.0709
%RSD	.28969	.60878	1.2773	7.3111	14.097	1.210	.43304	1.8725
#1	9.7166	6.5698	-.03798	-.00260	.00651	.0865	178.61	3.7670
#2	9.6690	6.4914	-.03826	-.00239	.00494	.0858	177.18	3.8686
#3	9.6671	6.5419	-.03732	-.00225	.00550	.0845	178.39	3.7320

Sample Name: K3382-02DUP Acquired: 6/19/2019 17:26:50 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMPDUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.60964
Stddev	.40277
%RSD	66.067

#1	.70987
#2	.95282
#3	.16622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.1	39499.	3750.6	70.374	2986.6
Stddev	10.3	161.	25.5	1.018	5.0
%RSD	.33766	.40830	.67966	1.4467	.16799

#1	3036.7	39477.	3723.0	70.452	2980.8
#2	3047.2	39349.	3773.3	69.319	2989.5
#3	3057.3	39670.	3755.3	71.351	2989.5

Sample Name: K3382-02LX5 Acquired: 6/19/2019 17:31:14 Type: Unk
Method: P4-ICP2(v3217) 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	.00311	-.00001	.00303	.00072	-.00018	.25129	.00547	.00013
Stddev	.00132	.00058	.00103	.00331	.00074	.01217	.00015	.00002
%RSD	42.532	4683.3	34.096	456.64	412.76	4.8448	2.6927	16.257
#1	.00322	-.00027	.00299	-.00062	-.00101	.25540	.00563	.00015
#2	.00174	.00066	.00202	.00449	.00005	.23759	.00534	.00011
#3	.00438	-.00042	.00408	-.00170	.00043	.26088	.00545	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	8.4416	-.00253	.00040	.00170	.64663	.00412	1.4451
Stddev	.00003	.0242	.00037	.00015	.00019	.00360	.00005	.0120
%RSD	100.32	.28621	14.739	38.708	11.384	.55718	1.2069	.83083
#1	-.00006	8.4227	-.00285	.00054	.00153	.64840	.00413	1.4338
#2	-.00004	8.4688	-.00212	.00023	.00191	.64249	.00406	1.4577
#3	.00000	8.4332	-.00261	.00042	.00166	.64901	.00416	1.4439
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	-.00071	1.9637	.00224	.00581	.88402	.00539	.00850
Stddev	.00006	.00044	.0110	.00027	.00009	.04237	.00010	.00962
%RSD	7.5680	61.852	.55947	12.064	1.4800	4.7930	1.8423	113.17
#1	.00082	-.00080	1.9518	.00253	.00591	.87366	.00530	.01961
#2	.00091	-.00110	1.9658	.00221	.00579	.84779	.00549	.00273
#3	.00079	-.00023	1.9735	.00200	.00575	.93061	.00538	.00316
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9229	1.3652	-.00889	-.00169	-.00243	.0149	F 36.066	3.1285
Stddev	.0047	.0098	.00025	.00020	.00072	.0019	.025	.1984
%RSD	.24699	.71633	2.8186	11.983	29.748	13.02	.07022	6.3416
#1	1.9205	1.3670	-.00861	-.00179	-.00203	.0156	36.057	3.3480
#2	1.9199	1.3546	-.00895	-.00146	-.00327	.0127	36.094	2.9621
#3	1.9284	1.3739	-.00910	-.00183	-.00200	.0165	36.046	3.0753

Sample Name: K3382-02LX5 Acquired: 6/19/2019 17:31:14 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .20781
%RSD 103.40

#1 -.41812
#2 -.00398
#3 -.18079

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3131.2	40956.	3813.5	74.283	3139.1
Stddev	4.4	353.	26.7	2.965	7.4
%RSD	.14059	.86299	.70133	3.9913	.23716

#1	3128.0	40589.	3785.4	76.267	3135.4
#2	3129.3	41295.	3838.7	75.708	3134.3
#3	3136.2	40983.	3816.4	70.875	3147.7

Sample Name: K3382-02MS Acquired: 6/19/2019 17:35:39 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMPMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76283	1.8522	.92876	1.8668	.77431	3.2125	.21033	.18303
Stddev	.00384	.0048	.00119	.0104	.00232	.0189	.00128	.00118
%RSD	.50389	.25762	.12836	.55835	.29994	.58934	.60902	.64208
#1	.76672	1.8534	.92982	1.8789	.77264	3.1952	.20885	.18169
#2	.75904	1.8562	.92747	1.8610	.77696	3.2097	.21113	.18389
#3	.76274	1.8469	.92900	1.8606	.77332	3.2327	.21100	.18352
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17811	42.230	.35696	.18230	.29969	5.8867	.21350	8.7227
Stddev	.00020	.340	.00102	.00044	.00045	.0123	.00038	.0549
%RSD	.11022	.80424	.28673	.24280	.15130	.20803	.17661	.62981
#1	.17821	41.838	.35580	.18254	.29962	5.8740	.21311	8.6603
#2	.17825	42.435	.35734	.18258	.30018	5.8876	.21353	8.7443
#3	.17789	42.417	.35774	.18179	.29928	5.8985	.21386	8.7635
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45821	.06755	12.804	.30744	.20418	14.197	.43335	.34277
Stddev	.00126	.00017	.033	.00088	.00003	.084	.00073	.00134
%RSD	.27433	.25538	.25864	.28676	.01284	.58981	.16849	.38970
#1	.45881	.06739	12.776	.30730	.20417	14.105	.43414	.34138
#2	.45905	.06752	12.795	.30838	.20416	14.269	.43270	.34288
#3	.45676	.06773	12.840	.30663	.20421	14.219	.43320	.34405
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3651	7.5266	.60465	.16601	.21332	5.780	F 298.78	4.0611
Stddev	.0178	.0909	.00138	.00134	.00116	.018	3.85	.1158
%RSD	.18992	1.2081	.22789	.80476	.54609	.3030	1.2901	2.8503
#1	9.3834	7.6001	.60360	.16744	.21461	5.799	302.70	4.1575
#2	9.3639	7.5548	.60621	.16579	.21300	5.778	298.65	3.9327
#3	9.3479	7.4249	.60413	.16480	.21235	5.764	294.99	4.0931

Sample Name: K3382-02MS Acquired: 6/19/2019 17:35:39 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMPMS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.31533
%RSD	269.54

#1	-.12552
#2	-.42797
#3	.20252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.8	39541.	3707.6	70.095	2941.9
Stddev	13.6	14.	52.5	1.477	8.9
%RSD	.44938	.03513	1.4172	2.1072	.30250

#1	3014.1	39540.	3653.9	71.240	2932.2
#2	3038.4	39555.	3710.0	68.427	2943.8
#3	3036.9	39527.	3758.9	70.617	2949.7

Sample Name: K3382-02MSD Acquired: 6/19/2019 17:39:42 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMPMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77623	1.8759	.93925	1.8853	.78233	3.2361	.21468	.18554
Stddev	.00285	.0077	.00225	.0048	.00213	.0251	.00104	.00070
%RSD	.36696	.41263	.23926	.25417	.27210	.77432	.48510	.37772
#1	.77930	1.8796	.94183	1.8908	.78293	3.2103	.21466	.18482
#2	.77367	1.8810	.93773	1.8833	.78409	3.2603	.21573	.18558
#3	.77572	1.8670	.93818	1.8818	.77996	3.2377	.21364	.18622
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17990	42.762	.36301	.18422	.30544	5.9428	.21656	8.7679
Stddev	.00078	.279	.00148	.00055	.00037	.0183	.00080	.1407
%RSD	.43517	.65279	.40741	.29988	.12047	.30861	.36951	1.6051
#1	.18072	42.461	.36338	.18449	.30582	5.9230	.21568	8.6054
#2	.17980	43.013	.36426	.18459	.30508	5.9592	.21725	8.8467
#3	.17916	42.812	.36138	.18359	.30542	5.9462	.21674	8.8515
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46379	.06863	12.983	.31281	.20568	14.520	.44054	.34956
Stddev	.00094	.00060	.130	.00072	.00049	.153	.00079	.00974
%RSD	.20262	.87872	1.0041	.22959	.23909	1.0516	.17912	2.7868
#1	.46485	.06829	12.843	.31299	.20623	14.379	.44003	.35331
#2	.46305	.06933	13.100	.31202	.20551	14.682	.44145	.35687
#3	.46348	.06828	13.008	.31343	.20529	14.500	.44013	.33850
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4671	7.5718	.61342	.16734	.22014	5.840	F 304.19	4.0409
Stddev	.0274	.2046	.00239	.00626	.00726	.004	10.51	.0353
%RSD	.28964	2.7019	.39028	3.7383	3.2994	.0655	3.4544	.87399
#1	9.4978	7.3771	.61541	.16163	.21230	5.843	294.47	4.0017
#2	9.4585	7.7850	.61076	.17402	.22664	5.842	315.34	4.0505
#3	9.4451	7.5533	.61409	.16636	.22149	5.836	302.77	4.0704

Sample Name: K3382-02MSD Acquired: 6/19/2019 17:39:42 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMPMSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.26100
Stddev	.25753
%RSD	98.669

#1	.02708
#2	.21897
#3	.53697

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.4	39746.	3706.6	71.407	2954.3
Stddev	4.6	173.	110.5	3.611	4.6
%RSD	.15229	.43567	2.9820	5.0573	.15699

#1	3041.4	39831.	3806.3	72.145	2954.5
#2	3034.1	39546.	3587.8	67.485	2949.6
#3	3042.7	39860.	3725.8	74.593	2958.9

Sample Name: K3382-02A Acquired: 6/19/2019 17:43:46 Type: Unk
Method: P4-ICP2(v3217) 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	.77926	1.8749	.93871	1.8880	.78513	3.2346	.21330	.18412
Stddev	.00253	.0049	.00224	.0040	.00169	.0396	.00108	.00095
%RSD	.32467	.26056	.23845	.21226	.21530	1.2237	.50502	.51666
#1	.77870	1.8693	.93861	1.8908	.78322	3.1899	.21288	.18303
#2	.78202	1.8771	.94099	1.8898	.78645	3.2486	.21249	.18458
#3	.77706	1.8782	.93652	1.8834	.78571	3.2652	.21452	.18475
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17979	42.458	.35968	.18386	.30502	5.9179	.21510	8.7749
Stddev	.00020	.221	.00076	.00021	.00090	.0054	.00043	.0557
%RSD	.11219	.51975	.21079	.11316	.29360	.09165	.20015	.63466
#1	.17956	42.282	.35881	.18363	.30467	5.9148	.21492	8.8210
#2	.17992	42.387	.36011	.18390	.30604	5.9147	.21479	8.7130
#3	.17990	42.705	.36013	.18404	.30436	5.9242	.21559	8.7907
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46436	.06801	12.890	.31071	.20568	14.346	.44024	.34753
Stddev	.00026	.00026	.036	.00086	.00019	.125	.00076	.00811
%RSD	.05588	.38433	.28072	.27765	.09112	.86946	.17323	2.3346
#1	.46428	.06782	12.850	.30993	.20568	14.243	.43961	.35357
#2	.46415	.06831	12.901	.31058	.20549	14.310	.44109	.35072
#3	.46465	.06791	12.919	.31164	.20587	14.485	.44004	.33831
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4716	7.6170	.61247	.17062	.21791	5.853	F 302.10	4.0310
Stddev	.0104	.0436	.00073	.00107	.00040	.008	1.08	.1308
%RSD	.10932	.57270	.11968	.62894	.18585	.1377	.35782	3.2440
#1	9.4788	7.6578	.61214	.17108	.21823	5.856	303.30	4.1816
#2	9.4762	7.6222	.61331	.17139	.21746	5.859	301.81	3.9465
#3	9.4597	7.5710	.61196	.16940	.21805	5.844	301.19	3.9648

Sample Name: K3382-02A Acquired: 6/19/2019 17:43:46 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.51270
%RSD	345.53

#1	-.68525
#2	-.09602
#3	.33613

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.3	39783.	3699.7	69.863	2946.0
Stddev	14.4	159.	38.7	2.239	11.4
%RSD	.47678	.40052	1.0468	3.2041	.38666

#1	3015.9	39637.	3660.9	67.627	2933.9
#2	3027.5	39759.	3699.9	69.858	2947.6
#3	3044.6	39953.	3738.4	72.104	2956.5

Sample Name: K3429-02 Acquired: 6/19/2019 17:47:49 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TT-002-IDWGW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05669	.00661	.90637	.01215	.00100	100.89	.55035	.01770
Stddev	.00260	.00075	.00498	.00084	.00132	.92	.00317	.00029
%RSD	4.5787	11.327	.54927	6.8872	131.63	.91407	.57650	1.6253
#1	.05382	.00639	.91172	.01288	-.00034	99.888	.54704	.01738
#2	.05736	.00745	.90187	.01124	.00104	101.08	.55063	.01793
#3	.05888	.00600	.90550	.01235	.00230	101.70	.55337	.01779
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	74.581	.15112	.07817	.47120	106.32	3.0311	18.128
Stddev	.00005	.494	.00020	.00005	.00028	.84	.0150	.179
%RSD	17.135	.66289	.13294	.06660	.05855	.79191	.49424	.98786
#1	-.00025	74.107	.15103	.07815	.47089	105.36	3.0168	17.964
#2	-.00032	74.544	.15135	.07813	.47142	106.64	3.0299	18.101
#3	-.00035	75.093	.15097	.07823	.47129	106.95	3.0467	18.319
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14198	-.01446	142.13	.25099	.39416	10.058	.06129	.07786
Stddev	.00028	.00028	.78	.00122	.00266	.130	.00012	.01452
%RSD	.19903	1.9400	.54562	.48507	.67479	1.2911	.20364	18.646
#1	.14230	-.01417	141.34	.25217	.39681	9.9638	.06117	.06648
#2	.14177	-.01473	142.16	.24974	.39419	10.005	.06129	.07290
#3	.14187	-.01447	142.89	.25105	.39149	10.206	.06142	.09421
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.299	F 133.15	-.07387	.18113	.08336	1.906	F 463.85	<.00000
Stddev	.027	1.15	.00134	.00083	.00105	.007	2.52	.29472
%RSD	.08651	.86738	1.8093	.45560	1.2602	.3560	.54236	56.063
#1	31.298	133.24	-.07388	.18067	.08254	1.912	464.13	-.86329
#2	31.273	134.26	-.07520	.18208	.08454	1.908	466.22	-.39396
#3	31.327	131.96	-.07253	.18064	.08300	1.899	461.21	-.31981

Sample Name: K3429-02 Acquired: 6/19/2019 17:47:49 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TT-002-IDWGW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	34.985
Stddev	.643
%RSD	1.8382

#1	35.689
#2	34.836
#3	34.429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3788.4	48797.	4869.3	70.496	2634.6
Stddev	8.9	36.	51.7	.699	6.3
%RSD	.23414	.07410	1.0610	.99101	.24073

#1	3778.2	48829.	4842.2	70.785	2627.2
#2	3793.3	48757.	4836.9	71.004	2638.3
#3	3793.7	48804.	4928.9	69.699	2638.1

Sample Name: K3433-01 Acquired: 6/19/2019 17:52:33 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00231	.00117	.06963	.00577	.00346	7.8568	.38684	.00095
Stddev	.00039	.00060	.00111	.00160	.00089	.0233	.00083	.00007
%RSD	17.004	51.403	1.5989	27.726	25.643	.29705	.21450	7.5613
#1	.00264	.00094	.07043	.00424	.00400	7.8426	.38683	.00098
#2	.00242	.00072	.07012	.00563	.00243	7.8837	.38767	.00087
#3	.00187	.00185	.06836	.00743	.00394	7.8441	.38601	.00100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	15.914	.04172	.01248	.12659	44.041	.43060	4.1188
Stddev	.00006	.017	.00034	.00010	.00065	.087	.00096	.0608
%RSD	3.7171	.10873	.81975	.79229	.51312	.19862	.22368	1.4756
#1	-.00160	15.895	.04133	.01257	.12620	43.949	.42981	4.0654
#2	-.00149	15.919	.04187	.01249	.12624	44.124	.43033	4.1059
#3	-.00158	15.929	.04197	.01237	.12734	44.049	.43167	4.1849
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02723	-.00444	28.502	.02525	1.3778	1.6793	.22691	.03599
Stddev	.00025	.00030	.070	.00032	.0047	.0437	.00043	.00630
%RSD	.90827	6.6658	.24387	1.2599	.34234	2.6015	.18971	17.493
#1	.02728	-.00422	28.481	.02547	1.3764	1.7012	.22643	.02925
#2	.02745	-.00432	28.579	.02540	1.3830	1.6290	.22726	.04173
#3	.02696	-.00478	28.444	.02489	1.3739	1.7076	.22703	.03698
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1479	F 16.103	.00849	.37782	.01212	2.402	F 31.517	3.1811
Stddev	.0126	.072	.00029	.00266	.00031	.004	.281	.2060
%RSD	.40010	.44619	3.4176	.70445	2.5380	.1530	.89170	6.4747
#1	3.1338	16.044	.00879	.37550	.01177	2.405	31.295	3.3446
#2	3.1519	16.082	.00846	.37723	.01229	2.403	31.422	3.2489
#3	3.1581	16.183	.00822	.38072	.01231	2.398	31.833	2.9498

Sample Name: K3433-01 Acquired: 6/19/2019 17:52:33 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.391
Stddev	.191
%RSD	1.6746

#1	11.174
#2	11.528
#3	11.473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3074.0	40166.	3835.0	70.967	2963.3
Stddev	16.7	218.	6.1	1.345	15.8
%RSD	.54268	.54221	.15800	1.8958	.53166

#1	3066.1	39969.	3841.8	69.439	2954.1
#2	3062.7	40129.	3830.3	71.492	2954.4
#3	3093.2	40400.	3832.9	71.972	2981.5

Sample Name: K3441-05 Acquired: 6/19/2019 17:56:58 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-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	.06936	.03938	2.2136	-.02836	.00753	359.64	8.8155	.02584
Stddev	.00167	.00369	.0052	.00159	.00151	4.11	.0634	.00010
%RSD	2.4110	9.3820	.23296	5.5942	20.002	1.1427	.71894	.39944
#1	.07099	.03713	2.2164	-.03000	.00903	355.04	8.8078	.02595
#2	.06765	.04365	2.2168	-.02683	.00754	360.90	8.7563	.02581
#3	.06945	.03737	2.2077	-.02825	.00602	362.96	8.8824	.02575
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09964	187.28	.33144	.74299	2.5787	171.88	12.705	127.70
Stddev	.00021	.28	.00105	.00152	.0016	.57	.035	.28
%RSD	.20578	.15149	.31778	.20395	.06368	.33051	.27250	.21808
#1	.09988	187.06	.33166	.74303	2.5803	172.30	12.693	127.39
#2	.09950	187.60	.33030	.74448	2.5770	172.10	12.744	127.81
#3	.09954	187.18	.33237	.74145	2.5788	171.23	12.678	127.91
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5971	-.04382	76.272	.64227	5.6797	54.917	.00880	-.03122
Stddev	.0026	.00021	.290	.00093	.0255	.130	.00019	.00353
%RSD	.16204	.46805	.38020	.14459	.44942	.23690	2.1831	11.298
#1	1.5998	-.04390	76.241	.64302	5.7016	54.904	.00899	-.03265
#2	1.5969	-.04359	76.577	.64257	5.6858	55.052	.00861	-.02720
#3	1.5947	-.04397	75.999	.64123	5.6517	54.793	.00879	-.03380
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.580	F 37.328	.00379	2.5860	.75225	F 36.96	F 560.79	<.00000
Stddev	.213	.121	.00132	.0103	.00226	.16	1.89	.38677
%RSD	.58210	.32465	34.951	.39981	.30108	.4327	.33737	1.3234
#1	36.732	37.290	.00531	2.5743	.74963	37.05	559.37	-29.062
#2	36.670	37.230	.00318	2.5937	.75357	37.05	562.94	-28.946
#3	36.336	37.463	.00287	2.5902	.75354	36.77	560.06	-29.666

Sample Name: K3441-05 Acquired: 6/19/2019 17:56:58 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GWMH-4 Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8064.5	106080.	11339.	60.471	1896.2
Stddev	6.5	461.	35.	.333	7.2
%RSD	.08005	.43426	.31057	.55072	.38188

#1	8071.8	105620.	11303.	60.838	1893.6
#2	8059.7	106090.	11343.	60.383	1890.6
#3	8062.0	106540.	11373.	60.190	1904.4

Sample Name: K3432-01 Acquired: 6/19/2019 18:01:46 Type: Unk

Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: DRUM-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	.01079	-.00113	-.00048	.00280	-.00071	.05427	.03655	.00002
Stddev	.00078	.00080	.00067	.00254	.00106	.01184	.00073	.00002
%RSD	7.1813	70.572	140.58	90.783	150.70	21.816	1.9867	98.485

#1	.01087	-.00206	.00016	.00489	.00015	.04953	.03709	.00002
#2	.00998	-.00072	-.00042	.00354	-.00037	.06775	.03684	.00004
#3	.01153	-.00063	-.00117	-.00003	-.00190	.04553	.03573	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.40849	-.00004	.00003	.00410	.06672	.00333	.06538
Stddev	.00006	.00915	.00007	.00022	.00027	.00131	.00010	.00996
%RSD	1040.4	2.2389	186.78	819.77	6.6904	1.9579	3.0169	15.236

#1	.00004	.39930	-.00012	.00023	.00385	.06822	.00344	.07689
#2	.00000	.41759	-.00001	.00006	.00440	.06583	.00332	.05980
#3	-.00006	.40858	.00002	-.00021	.00406	.06611	.00324	.05947

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	-.00081	235.89	.00075	.19515	.30751	-.00008	.01113
Stddev	.00033	.00023	3.07	.00009	.00090	.03936	.00008	.00529
%RSD	19.476	29.066	1.3010	11.756	.46010	12.799	99.619	47.542

#1	.00131	-.00063	232.84	.00069	.19417	.26209	-.00004	.00762
#2	.00184	-.00107	235.85	.00085	.19536	.33157	-.00002	.01722
#3	.00190	-.00072	238.98	.00071	.19593	.32887	-.00016	.00856

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21623	.15102	-.00019	.00105	.00833	.0296	2.5970	4.2786
Stddev	.00409	.01412	.00052	.00091	.00077	.0008	.0792	.1488
%RSD	1.8901	9.3520	273.49	86.944	9.2705	2.838	3.0504	3.4787

#1	.21532	.16672	.00038	.00074	.00821	.0287	2.6177	4.1073
#2	.21267	.14700	-.00063	.00033	.00763	.0304	2.6639	4.3767
#3	.22069	.13934	-.00032	.00208	.00916	.0297	2.5096	4.3518

Sample Name: K3432-01 Acquired: 6/19/2019 18:01:46 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .11933
 %RSD 169.71

#1 -.19976
 #2 -.04649
 #3 .03530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2954.2	38132.	3760.3	72.716	2819.3
Stddev	7.4	23.	25.1	1.126	9.0
%RSD	.25011	.06106	.66616	1.5487	.32093

#1	2960.5	38120.	3731.5	71.858	2829.0
#2	2956.1	38116.	3777.4	73.992	2817.8
#3	2946.1	38159.	3772.0	72.299	2811.0

Sample Name: K3441-04 Acquired: 6/19/2019 18:06:19 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-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	.00265	.00004	.00397	.00327	-.00144	.11647	.24631	.00026
Stddev	.00090	.00052	.00057	.00364	.00021	.01184	.00088	.00006
%RSD	34.150	1480.7	14.385	111.51	14.458	10.170	.35755	21.894

#1	.00313	.00031	.00418	.00088	-.00123	.11981	.24575	.00021
#2	.00320	-.00057	.00333	.00146	-.00147	.10331	.24732	.00033
#3	.00160	.00036	.00441	.00746	-.00164	.12629	.24585	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	30.054	-.00575	.00222	.00974	1.5474	.87832	1.7434
Stddev	.00003	.119	.00030	.00002	.00021	.0044	.00112	.0737
%RSD	522.36	.39733	5.2761	1.0693	2.1384	.28604	.12709	4.2300

#1	.00002	29.926	-.00541	.00222	.00952	1.5508	.87716	1.6935
#2	-.00001	30.074	-.00600	.00225	.00993	1.5424	.87839	1.7086
#3	-.00003	30.162	-.00584	.00220	.00978	1.5491	.87939	1.8281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00117	257.27	-.00055	.03567	.52888	-.00050	.01879
Stddev	.00046	.00020	1.64	.00044	.00012	.03726	.00009	.01328
%RSD	25.616	17.190	.63574	80.388	.33052	7.0451	17.222	70.703

#1	.00145	-.00116	255.39	-.00092	.03580	.49005	-.00042	.00504
#2	.00231	-.00138	258.29	-.00006	.03558	.53224	-.00059	.01976
#3	.00161	-.00097	258.15	-.00066	.03563	.56434	-.00051	.03156

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09611	.33191	-.00961	-.00866	.00647	.0016	F 52.821	4.5739
Stddev	.00217	.00251	.00025	.00085	.00218	.0017	.501	.1221
%RSD	2.2562	.75751	2.5757	9.8565	33.761	105.8	.94759	2.6687

#1	.09718	.32908	-.00950	-.00792	.00450	.0024	52.321	4.4654
#2	.09362	.33273	-.00989	-.00846	.00609	-.0003	52.822	4.7061
#3	.09753	.33390	-.00944	-.00959	.00882	.0027	53.322	4.5501

Sample Name: K3441-04 Acquired: 6/19/2019 18:06:19 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.61617
Stddev	.46102
%RSD	74.821

#1	.12675
#2	.67952
#3	1.0422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.4	37776.	3719.7	72.092	2747.0
Stddev	3.3	46.	33.2	.469	9.3
%RSD	.11177	.12241	.89145	.65103	.33868

#1	2932.0	37726.	3733.0	71.692	2741.1
#2	2935.6	37784.	3744.1	72.608	2757.7
#3	2938.5	37817.	3681.9	71.975	2742.2

Sample Name: CCV07 Acquired: 6/19/2019 18:10:53 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2610	5.1143	5.0150	5.2129	5.1612	9.9905	10.080	.25447
Stddev	.0181	.0099	.0106	.0049	.0023	.0158	.034	.00068
%RSD	.34382	.19330	.21094	.09416	.04451	.15821	.33693	.26797
#1	5.2662	5.1201	5.0090	5.2085	5.1627	9.9882	10.062	.25465
#2	5.2409	5.1028	5.0088	5.2121	5.1622	9.9760	10.059	.25504
#3	5.2759	5.1198	5.0272	5.2182	5.1585	10.007	10.119	.25371
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4963	24.799	.99680	2.4677	1.2898	4.9831	2.5614	24.439
Stddev	.0041	.022	.00196	.0031	.0030	.0042	.0052	.086
%RSD	.16557	.08903	.19636	.12618	.23135	.08502	.20394	.35359
#1	2.4955	24.774	.99882	2.4672	1.2884	4.9857	2.5637	24.408
#2	2.4926	24.817	.99491	2.4649	1.2878	4.9854	2.5650	24.536
#3	2.5008	24.807	.99666	2.4711	1.2933	4.9782	2.5554	24.372
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5103	1.2802	24.913	2.5707	2.4487	25.203	5.2729	5.0466
Stddev	.0028	.0022	.063	.0053	.0033	.121	.0066	.0237
%RSD	.11285	.17149	.25327	.20703	.13523	.47814	.12418	.46894
#1	2.5090	1.2811	24.875	2.5707	2.4496	25.097	5.2682	5.0520
#2	2.5084	1.2819	24.878	2.5760	2.4451	25.178	5.2701	5.0208
#3	2.5135	1.2777	24.986	2.5654	2.4515	25.334	5.2804	5.0672
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0961	F 5.6825	4.8919	4.8069	5.1587	5.297	F 1386.7	F 4.4267
Stddev	.0135	.0118	.0095	.0246	.0316	.007	4.7	.0329
%RSD	.26470	.20831	.19345	.51264	.61258	.1344	.33598	.74389
#1	5.0953	5.6728	4.8904	4.7792	5.1327	5.305	1384.3	4.4435
#2	5.0830	5.6957	4.8834	4.8262	5.1496	5.290	1383.7	4.4479
#3	5.1100	5.6789	4.9021	4.8154	5.1939	5.296	1392.0	4.3888

Sample Name: CCV07 Acquired: 6/19/2019 18:10:53 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8036
Stddev	.1533
%RSD	8.4980

#1	1.6639
#2	1.7793
#3	1.9675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3005.7	38870.	3719.1	69.596	2813.6
Stddev	4.8	56.	4.7	.480	4.9
%RSD	.16023	.14478	.12760	.68929	.17353

#1	3000.6	38806.	3724.4	70.133	2809.6
#2	3010.2	38894.	3715.3	69.209	2819.0
#3	3006.2	38911.	3717.5	69.447	2812.1

Sample Name: CCB07 Acquired: 6/19/2019 18:14:52 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00014	-.00198	.00069	.00160	.00537	.00166
Stddev	.00065	.00053	.00102	.00081	.00079	.00742	.00040
%RSD	8058.9	367.54	51.412	118.79	49.228	138.18	23.787

#1	-.00042	.00075	-.00082	.00114	.00230	.01393	.00121
#2	.00074	-.00018	-.00242	-.00025	.00075	.00077	.00193
#3	-.00035	-.00014	-.00271	.00117	.00176	.00141	.00185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00013	-.00050	-.00033	.00033	-.00011	-.00106
Stddev	.00006	.00007	.00668	.00039	.00004	.00043	.00040
%RSD	46.928	55.224	1335.7	119.04	13.462	374.17	37.855

#1	.00007	.00021	.00720	.00002	.00034	.00038	-.00140
#2	.00011	.00009	-.00404	-.00075	.00028	-.00041	-.00062
#3	.00018	.00009	-.00466	-.00026	.00037	-.00032	-.00117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01270	.00132	-.00125	-.06141	.00025	-.00029
Stddev	.00001	.01644	.00008	.00017	.01195	.00025	.00000
%RSD	14.541	129.42	5.8574	13.266	19.464	102.62	1.4937

#1	-.00007	-.02948	.00124	-.00143	-.07155	.00050	-.00029
#2	-.00007	-.01199	.00139	-.00121	-.04823	.00025	-.00030
#3	-.00005	.00337	.00135	-.00111	-.06446	-.00001	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05783	.00050	-.00417	F -.01785	.01226	-.00052	.00017
Stddev	.01672	.00040	.00635	.00164	.00160	.00082	.00120
%RSD	28.907	81.003	152.52	9.1968	13.025	157.50	701.09

#1	-.03928	.00093	-.00633	-.01829	.01372	.00008	.00149
#2	-.06248	.00041	-.00915	-.01923	.01251	-.00146	-.00086
#3	-.07173	.00014	.00299	-.01603	.01055	-.00019	-.00011

Sample Name: CCB07 Acquired: 6/19/2019 18:14:52 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB07 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00112	-.0023	F .08016	F 2.7229	F<.00000
Stddev	.00054	.0011	.00450	.2281	.22172
%RSD	48.186	47.87	5.6171	8.3788	56.031
#1	.00108	-.0025	.08518	2.4600	-.64844
#2	.00169	-.0011	.07649	2.8389	-.23394
#3	.00061	-.0033	.07880	2.8696	-.30475
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3183.3	41083.	3793.7	73.447	3224.3
Stddev	14.3	95.	15.6	1.634	17.4
%RSD	.44989	.23067	.41105	2.2243	.54066
#1	3177.3	41149.	3806.0	71.567	3211.3
#2	3199.6	40974.	3799.0	74.258	3244.1
#3	3172.9	41125.	3776.2	74.517	3217.5

Sample Name: K3441-04DUP Acquired: 6/19/2019 18:19:21 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-3DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	-.00103	.00280	.00250	-.00105	.12404	.24886	.00029
Stddev	.00164	.00122	.00065	.00125	.00065	.01638	.00187	.00004
%RSD	66.317	117.85	23.204	50.144	61.908	13.203	.75293	13.271
#1	.00167	.00016	.00321	.00326	-.00057	.12350	.25009	.00033
#2	.00139	-.00099	.00313	.00318	-.00079	.10794	.24671	.00026
#3	.00437	-.00227	.00205	.00105	-.00179	.14068	.24980	.00027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	30.313	-.00583	.00222	.01011	1.5891	.88624	1.7860
Stddev	.00004	.232	.00011	.00020	.00015	.0012	.00123	.0689
%RSD	113.08	.76618	1.8048	9.2024	1.4573	.07478	.13930	3.8565
#1	.00009	30.457	-.00595	.00241	.01007	1.5898	.88482	1.7352
#2	.00002	30.045	-.00577	.00226	.00999	1.5898	.88692	1.7584
#3	.00001	30.437	-.00576	.00200	.01028	1.5877	.88700	1.8644
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	-.00098	261.03	-.00075	.03747	.39768	-.00018	.01474
Stddev	.00025	.00051	1.65	.00049	.00007	.01217	.00013	.00555
%RSD	11.570	51.492	.63114	64.942	.19107	3.0600	70.856	37.640
#1	.00239	-.00144	262.44	-.00098	.03755	.39206	-.00022	.01204
#2	.00219	-.00044	259.22	-.00019	.03740	.38933	-.00004	.02112
#3	.00189	-.00107	261.42	-.00108	.03745	.41164	-.00029	.01106
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09773	.34146	-.00929	-.00865	.00165	.0014	F 53.262	4.3023
Stddev	.00135	.00235	.00023	.00114	.00201	.0017	.192	.0926
%RSD	1.3836	.68794	2.4316	13.118	122.19	124.1	.35957	2.1530
#1	.09752	.34006	-.00953	-.00897	.00084	-.0002	53.218	4.2568
#2	.09649	.34418	-.00925	-.00960	.00016	.0032	53.472	4.2412
#3	.09917	.34016	-.00908	-.00740	.00393	.0012	53.097	4.4089

Sample Name: K3441-04DUP Acquired: 6/19/2019 18:19:21 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-3DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.57723
Stddev	.07648
%RSD	13.250

#1	.49329
#2	.59545
#3	.64297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2948.4	38306.	3782.5	70.400	2762.8
Stddev	1.3	112.	31.5	1.303	4.1
%RSD	.04249	.29285	.83242	1.8509	.14935

#1	2948.8	38177.	3798.0	68.942	2766.0
#2	2949.4	38374.	3746.3	71.450	2764.4
#3	2947.0	38367.	3803.2	70.808	2758.2

Sample Name: K3441-04LX5 Acquired: 6/19/2019 18:23:56 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120759BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	.00010	-.00043	.00105	.00004	.02978	.04882	.00017
Stddev	.00159	.00103	.00029	.00277	.00078	.00443	.00032	.00003
%RSD	188.98	1066.8	67.137	263.23	2162.0	14.881	.65963	16.748

#1	-.00252	.00102	-.00024	.00312	-.00073	.02501	.04847	.00018
#2	.00065	.00029	-.00029	-.00209	.00083	.03054	.04911	.00019
#3	-.00067	-.00102	-.00077	.00213	.00000	.03378	.04887	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	5.8008	-.00167	.00055	.00197	.31237	.17633	.30673
Stddev	.00006	.0072	.00032	.00018	.00027	.00095	.00014	.03619
%RSD	86.930	.12363	19.282	32.180	13.586	.30469	.08092	11.800

#1	.00012	5.7963	-.00203	.00053	.00170	.31209	.17645	.26610
#2	.00000	5.7970	-.00143	.00074	.00224	.31343	.17618	.33551
#3	.00009	5.8091	-.00154	.00039	.00197	.31159	.17638	.31859

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.00063	50.466	.00013	.00737	.02680	-.00055	.00145
Stddev	.00009	.00038	.186	.00027	.00004	.02731	.00006	.01283
%RSD	13.274	60.828	.36932	205.15	.52389	101.92	10.770	884.49

#1	.00074	-.00034	50.316	.00016	.00732	.01048	-.00050	.01042
#2	.00057	-.00048	50.408	-.00015	.00738	.05833	-.00054	.00718
#3	.00067	-.00106	50.675	.00039	.00740	.01158	-.00062	-.01324

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.06586	-.00299	-.00037	.00383	-.0012	F 10.509	3.4417
Stddev	.00087	.00264	.00030	.00103	.00189	.0010	.027	.0978
%RSD	17773.	4.0042	10.052	279.98	49.335	83.24	.26117	2.8402

#1	-.00014	.06302	-.00332	-.00153	.00173	-.0006	10.507	3.5081
#2	.00094	.06824	-.00290	.00002	.00538	-.0006	10.538	3.3294
#3	-.00078	.06631	-.00274	.00041	.00437	-.0023	10.483	3.4875

Sample Name: K3441-04LX5 Acquired: 6/19/2019 18:23:56 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120759BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .10656
 %RSD 55.461

#1 -.17557
 #2 -.09482
 #3 -.30600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.8	39908.	3820.8	73.880	2998.0
Stddev	16.6	43.	14.4	1.323	7.2
%RSD	.53937	.10865	.37748	1.7911	.24173

#1	3076.5	39893.	3806.6	72.952	2999.2
#2	3097.8	39874.	3835.4	75.396	3004.6
#3	3065.1	39957.	3820.4	73.294	2990.3

Sample Name: K3441-04A Acquired: 6/19/2019 18:28:24 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120759BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79826	1.8628	.94174	2.0264	.79112	2.0146	.45426	.19367
Stddev	.00486	.0028	.00198	.0041	.00292	.0100	.00135	.00039
%RSD	.60906	.15106	.20982	.20078	.36956	.49473	.29750	.20044
#1	.79719	1.8622	.94250	2.0242	.78786	2.0034	.45280	.19397
#2	.79402	1.8604	.93949	2.0311	.79349	2.0223	.45547	.19323
#3	.80357	1.8659	.94321	2.0239	.79203	2.0182	.45449	.19381
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19094	32.689	.36855	.19352	.30638	4.4343	1.1116	3.6710
Stddev	.00014	.079	.00034	.00044	.00063	.0139	.0041	.0432
%RSD	.07167	.24226	.09228	.22692	.20468	.31352	.37098	1.1761
#1	.19079	32.609	.36863	.19304	.30637	4.4418	1.1140	3.7053
#2	.19097	32.767	.36884	.19390	.30576	4.4182	1.1068	3.6853
#3	.19106	32.689	.36818	.19363	.30701	4.4428	1.1139	3.6225
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48474	.06921	272.20	.30701	.23135	10.743	.41208	.30168
Stddev	.00161	.00077	.62	.00091	.00026	.024	.00091	.01330
%RSD	.33219	1.1168	.22627	.29740	.11133	.21931	.22086	4.4097
#1	.48292	.07009	272.77	.30700	.23123	10.727	.41122	.31627
#2	.48531	.06892	271.55	.30609	.23118	10.732	.41199	.29855
#3	.48598	.06863	272.29	.30792	.23165	10.770	.41303	.29022
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08980	1.2100	.65162	.16177	.22873	6.331	F 183.52	4.6941
Stddev	.00308	.0019	.00077	.00216	.00138	.008	.41	.1936
%RSD	3.4263	.16043	.11859	1.3343	.60127	.1223	.22092	4.1242
#1	.08957	1.2106	.65146	.16424	.22730	6.337	183.23	4.7184
#2	.09299	1.2115	.65246	.16086	.23005	6.322	183.34	4.4895
#3	.08685	1.2078	.65094	.16022	.22883	6.334	183.98	4.8744

Sample Name: K3441-04A Acquired: 6/19/2019 18:28:24 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120759BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.24333
%RSD	402.54

#1	-.28733
#2	-.09055
#3	.19653

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.3	37981.	3703.0	71.946	2731.7
Stddev	12.4	71.	11.5	1.373	10.6
%RSD	.42473	.18773	.31168	1.9078	.38626

#1	2910.0	37898.	3691.1	73.362	2721.3
#2	2934.9	38019.	3714.1	70.622	2742.4
#3	2921.9	38024.	3703.8	71.855	2731.5

Sample Name: K3441-04MS Acquired: 6/19/2019 18:32:38 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-3MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80249	1.8613	.93959	2.0209	.79193	2.0045	.45277	.19260
Stddev	.00582	.0063	.00391	.0064	.00198	.0246	.00575	.00137
%RSD	.72519	.33825	.41630	.31566	.25046	1.2251	1.2699	.71297
#1	.80236	1.8599	.93722	2.0194	.79416	1.9762	.44615	.19112
#2	.79673	1.8558	.93745	2.0154	.79036	2.0171	.45565	.19382
#3	.80837	1.8682	.94411	2.0279	.79126	2.0202	.45650	.19286
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19053	32.515	.36839	.19344	.30679	4.4285	1.1086	3.6674
Stddev	.00068	.371	.00282	.00117	.00072	.0279	.0077	.0056
%RSD	.35813	1.1422	.76679	.60284	.23592	.63005	.69388	.15343
#1	.19027	32.086	.36513	.19326	.30645	4.3965	1.0998	3.6738
#2	.19001	32.712	.37009	.19237	.30629	4.4409	1.1120	3.6634
#3	.19130	32.746	.36996	.19468	.30762	4.4480	1.1139	3.6649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48484	.06957	271.88	.30637	.22939	10.793	.41318	.30864
Stddev	.00233	.00097	3.02	.00362	.00078	.161	.00126	.00960
%RSD	.48107	1.3936	1.1092	1.1819	.34192	1.4945	.30459	3.1095
#1	.48494	.06845	268.55	.30241	.22913	10.607	.41345	.31402
#2	.48246	.07020	272.68	.30950	.22877	10.872	.41180	.31434
#3	.48712	.07005	274.42	.30721	.23027	10.899	.41428	.29756
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09012	1.2242	.65376	.16230	.23629	6.307	F 184.93	4.8692
Stddev	.00299	.0073	.00526	.00323	.00322	.029	.79	.1368
%RSD	3.3128	.59669	.80415	1.9889	1.3639	.4659	.42594	2.8093
#1	.08909	1.2245	.65758	.15864	.23260	6.304	184.45	4.7371
#2	.09349	1.2314	.64776	.16352	.23770	6.280	184.51	4.8603
#3	.08779	1.2168	.65594	.16475	.23857	6.338	185.84	5.0103

Sample Name: K3441-04MS Acquired: 6/19/2019 18:32:38 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-3MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.16953
Stddev	.13659
%RSD	80.570

#1	.02237
#2	.19398
#3	.29225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2920.9	38005.	3668.8	71.096	2734.9
Stddev	7.9	153.	12.6	1.762	10.6
%RSD	.27212	.40271	.34219	2.4779	.38790

#1	2913.9	38178.	3654.7	69.189	2729.8
#2	2929.6	37887.	3672.9	72.663	2747.1
#3	2919.3	37950.	3678.7	71.437	2727.9

Sample Name: K3441-04MSD Acquired: 6/19/2019 18:36:53 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-3MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80072	1.8587	.94125	2.0251	.79239	2.0035	.45064	.19320
Stddev	.00263	.0044	.00305	.0052	.00152	.0207	.00251	.00046
%RSD	.32884	.23634	.32385	.25896	.19182	1.0337	.55782	.23778
#1	.80305	1.8574	.93880	2.0311	.79367	1.9879	.44851	.19277
#2	.79787	1.8550	.94029	2.0215	.79278	1.9956	.45000	.19314
#3	.80124	1.8635	.94466	2.0227	.79071	2.0270	.45341	.19368
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19078	32.469	.36709	.19306	.30694	4.4161	1.1060	3.6406
Stddev	.00036	.156	.00060	.00037	.00105	.0057	.0029	.0164
%RSD	.18781	.48039	.16291	.19187	.34239	.12888	.25771	.44934
#1	.19041	32.296	.36708	.19269	.30814	4.4095	1.1029	3.6264
#2	.19081	32.599	.36769	.19343	.30646	4.4194	1.1066	3.6369
#3	.19113	32.512	.36649	.19306	.30620	4.4194	1.1085	3.6585
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48380	.06969	268.50	.30555	.22896	10.769	.41375	.29841
Stddev	.00105	.00034	1.51	.00105	.00043	.126	.00106	.00552
%RSD	.21795	.48100	.56176	.34438	.18751	1.1661	.25629	1.8486
#1	.48439	.06986	266.77	.30442	.22896	10.627	.41290	.29204
#2	.48258	.06931	269.26	.30572	.22853	10.813	.41342	.30167
#3	.48442	.06991	269.49	.30651	.22939	10.866	.41494	.30152
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08742	1.2018	.65237	.15964	.23399	6.327	F 182.46	4.8305
Stddev	.00215	.0027	.00282	.00224	.00145	.013	.95	.1387
%RSD	2.4568	.22024	.43192	1.4050	.61927	.2102	.52023	2.8719
#1	.08542	1.2036	.64982	.15706	.23235	6.316	181.43	4.7457
#2	.08969	1.1988	.65189	.16074	.23454	6.325	182.65	4.7552
#3	.08715	1.2030	.65539	.16113	.23508	6.342	183.30	4.9906

Sample Name: K3441-04MSD Acquired: 6/19/2019 18:36:53 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-3MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.24503
%RSD	152.09

#1	-.44404
#2	-.01987
#3	-.01942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.7	38126.	3719.9	71.774	2740.8
Stddev	4.9	24.	1.1	1.517	1.0
%RSD	.16718	.06174	.03090	2.1140	.03642

#1	2918.3	38100.	3720.4	70.215	2739.7
#2	2927.9	38134.	3720.6	71.861	2741.6
#3	2924.7	38145.	3718.5	73.246	2741.2

Sample Name: K3433-02 Acquired: 6/19/2019 18:41:08 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00147	-.00224	.00108	-.00178	.04625	.08401	.00011
Stddev	.00209	.00090	.00045	.00014	.00093	.00698	.00045	.00005
%RSD	169.78	61.546	20.265	12.852	52.519	15.094	.52978	50.403

#1	-.00284	-.00251	-.00173	.00095	-.00230	.04186	.08444	.00005
#2	-.00199	-.00094	-.00261	.00123	-.00070	.05430	.08404	.00015
#3	.00113	-.00096	-.00237	.00107	-.00234	.04260	.08355	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.67136	-.00024	.00041	.00241	1.0505	.01540	.09957
Stddev	.00008	.00873	.00015	.00006	.00033	.0065	.00015	.02914
%RSD	201.62	1.3002	64.212	14.519	13.780	.61836	.98550	29.265

#1	-.00005	.67371	-.00007	.00040	.00226	1.0538	.01549	.07652
#2	.00007	.67868	-.00029	.00047	.00279	1.0546	.01548	.08986
#3	.00009	.66170	-.00037	.00035	.00218	1.0430	.01522	.13232

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	-.00123	3.2704	-.00031	.09677	.03907	.01872	.02617
Stddev	.00020	.00060	.0049	.00031	.00029	.00528	.00006	.01158
%RSD	11.417	48.888	.14987	100.24	.29834	13.508	.31634	44.237

#1	.00199	-.00184	3.2741	.00005	.09644	.03817	.01878	.03954
#2	.00161	-.00063	3.2724	-.00047	.09690	.04474	.01867	.01980
#3	.00170	-.00122	3.2649	-.00049	.09698	.03430	.01871	.01918

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34501	.40994	-.00173	.00172	-.00023	.0861	2.5818	2.8659
Stddev	.00247	.00208	.00015	.00029	.00180	.0014	.0540	.0909
%RSD	.71546	.50859	8.7834	16.805	770.87	1.581	2.0913	3.1701

#1	.34328	.40857	-.00158	.00193	-.00020	.0854	2.5535	2.7962
#2	.34391	.41234	-.00188	.00185	-.00204	.0877	2.6441	2.8329
#3	.34784	.40891	-.00172	.00139	.00155	.0853	2.5479	2.9687

Sample Name: K3433-02 Acquired: 6/19/2019 18:41:08 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .15261
 %RSD 49.753

#1 -.24490
 #2 -.19474
 #3 -.48055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.7	41112.	3812.2	74.389	3176.7
Stddev	8.8	193.	11.2	1.421	8.4
%RSD	.28050	.47054	.29462	1.9099	.26545

#1	3133.9	40980.	3821.8	72.825	3175.1
#2	3131.5	41022.	3799.9	75.600	3169.1
#3	3147.8	41334.	3815.0	74.742	3185.8

Sample Name: K3433-02DUP Acquired: 6/19/2019 18:45:34 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	-.00067	-.00207	.00058	-.00195	.04155	.08461	.00009
Stddev	.00050	.00095	.00106	.00169	.00142	.01009	.00076	.00003
%RSD	50.648	142.67	51.160	289.82	73.001	24.283	.90064	34.263

#1	-.00150	-.00041	-.00261	-.00136	-.00065	.03098	.08386	.00012
#2	-.00049	.00013	-.00085	.00144	-.00347	.05108	.08538	.00006
#3	-.00099	-.00172	-.00274	.00166	-.00173	.04258	.08459	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.66989	-.00032	.00030	.00214	1.0448	.01535	.11326
Stddev	.00002	.00692	.00015	.00011	.00009	.0066	.00006	.03693
%RSD	94.789	1.0326	47.904	37.665	4.0228	.63354	.41110	32.603

#1	-.00005	.67769	-.00034	.00023	.00218	1.0376	.01542	.14309
#2	-.00002	.66451	-.00045	.00044	.00221	1.0505	.01530	.07196
#3	-.00001	.66747	-.00015	.00025	.00205	1.0463	.01532	.12472

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	-.00105	3.1744	-.00004	.09694	.00849	.01875	.01770
Stddev	.00022	.00040	.0105	.00010	.00005	.02316	.00017	.01238
%RSD	10.639	37.876	.32951	230.47	.04914	272.78	.91797	69.956

#1	.00224	-.00129	3.1744	-.00010	.09691	-.01756	.01876	.01081
#2	.00213	-.00126	3.1640	.00007	.09699	.02675	.01857	.03199
#3	.00182	-.00059	3.1849	-.00009	.09690	.01629	.01892	.01029

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34594	.40608	-.00164	.00145	-.00310	.0867	2.6317	3.0374
Stddev	.00126	.00069	.00048	.00072	.00104	.0007	.0582	.0939
%RSD	.36294	.17109	29.471	49.623	33.516	.8506	2.2112	3.0925

#1	.34635	.40626	-.00177	.00130	-.00404	.0864	2.6953	3.0742
#2	.34694	.40666	-.00205	.00223	-.00328	.0862	2.6189	2.9306
#3	.34453	.40531	-.00111	.00082	-.00199	.0875	2.5811	3.1073

Sample Name: K3433-02DUP Acquired: 6/19/2019 18:45:34 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .18512
%RSD 61.245

#1 -.51437
#2 -.21907
#3 -.17332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.3	41182.	3818.0	74.925	3169.7
Stddev	15.6	94.	8.1	.745	11.7
%RSD	.49935	.22704	.21330	.99399	.36952

#1	3119.8	41074.	3808.6	75.742	3163.9
#2	3129.8	41241.	3823.1	74.750	3162.1
#3	3150.5	41230.	3822.3	74.283	3183.2

Sample Name: K3433-02LX5 Acquired: 6/19/2019 18:50:00 Type: Unk
Method: P4-ICP2(v3217) 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	.00129	-.00116	-.00231	-.00002	-.00195	.00882	.01811	.00010
Stddev	.00083	.00026	.00081	.00191	.00095	.01520	.00046	.00004
%RSD	64.394	22.029	35.099	10624.	48.603	172.33	2.5298	41.940

#1	.00222	-.00114	-.00258	-.00151	-.00109	-.00533	.01864	.00015
#2	.00063	-.00091	-.00140	-.00068	-.00297	.00690	.01792	.00006
#3	.00101	-.00142	-.00296	.00214	-.00180	.02489	.01778	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.13187	-.00055	.00026	.00045	.20744	.00296	.00009
Stddev	.00007	.00455	.00027	.00017	.00029	.00142	.00011	.05217
%RSD	99.733	3.4499	49.664	65.048	64.675	.68234	3.7654	59146.

#1	.00001	.12906	-.00043	.00023	.00077	.20802	.00292	.02865
#2	.00005	.12944	-.00087	.00011	.00036	.20582	.00287	-.06013
#3	.00016	.13712	-.00036	.00044	.00021	.20846	.00308	.03174

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00135	.56203	-.00003	.01929	-.09648	.00322	.00939
Stddev	.00014	.00030	.00554	.00028	.00011	.02763	.00014	.00685
%RSD	15.454	21.913	.98616	812.74	.54692	28.640	4.3048	72.906

#1	.00103	-.00151	.56468	-.00002	.01939	-.12687	.00335	.01706
#2	.00096	-.00153	.55566	-.00032	.01918	-.08971	.00308	.00726
#3	.00075	-.00101	.56574	.00024	.01929	-.07286	.00322	.00387

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05777	.08010	-.00160	.00142	-.00215	.0174	.54268	2.7720
Stddev	.00251	.00189	.00029	.00070	.00076	.0008	.04933	.0300
%RSD	4.3374	2.3563	18.116	49.158	35.204	4.609	9.0909	1.0836

#1	.05506	.07974	-.00191	.00208	-.00128	.0170	.58428	2.7626
#2	.05824	.07842	-.00154	.00069	-.00265	.0169	.55558	2.8056
#3	.06000	.08214	-.00134	.00150	-.00252	.0183	.48818	2.7478

Sample Name: K3433-02LX5 Acquired: 6/19/2019 18:50:00 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.11616
%RSD	22.064

#1	-.50852
#2	-.42031
#3	-.65054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.3	41168.	3810.6	73.683	3174.5
Stddev	10.5	216.	10.5	2.124	4.9
%RSD	.33415	.52467	.27524	2.8828	.15559

#1	3139.5	40964.	3821.9	75.008	3168.8
#2	3154.7	41394.	3801.2	71.233	3177.8
#3	3159.8	41144.	3808.6	74.808	3176.9

Sample Name: K3433-02MS Acquired: 6/19/2019 18:54:27 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76033	1.8965	.92857	1.8936	.78302	1.9048	.27354
Stddev	.00253	.0043	.00031	.0017	.00307	.0229	.00136
%RSD	.33301	.22898	.03337	.08849	.39183	1.2010	.49614

#1	.75870	1.8933	.92840	1.8922	.78656	1.8865	.27247
#2	.75905	1.9015	.92838	1.8931	.78137	1.8973	.27309
#3	.76325	1.8949	.92893	1.8954	.78114	1.9304	.27507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18269	.17981	2.0307	.37846	.18735	.31036	3.8988
Stddev	.00046	.00078	.0107	.00080	.00054	.00192	.0100
%RSD	.25369	.43316	.52683	.21057	.28584	.61922	.25572

#1	.18299	.18071	2.0185	.37931	.18684	.30880	3.8878
#2	.18216	.17928	2.0352	.37774	.18791	.31250	3.9014
#3	.18292	.17945	2.0385	.37831	.18731	.30977	3.9072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21543	1.9227	.47495	.06879	5.7768	.30479	.26189
Stddev	.00058	.0133	.00140	.00023	.0473	.00088	.00031
%RSD	.26784	.69301	.29553	.32968	.81932	.29032	.11877

#1	.21486	1.9215	.47340	.06904	5.7397	.30555	.26199
#2	.21540	1.9365	.47613	.06874	5.7605	.30382	.26215
#3	.21601	1.9100	.47534	.06859	5.8301	.30501	.26155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5076	.43620	.30449	.31172	1.3107	.64561	.17425
Stddev	.0610	.00075	.00837	.00506	.0129	.00291	.00010
%RSD	.64175	.17282	2.7495	1.6246	.98421	.45090	.05937

#1	9.4630	.43537	.29982	.31406	1.3071	.64866	.17422
#2	9.4827	.43685	.29950	.31520	1.3250	.64530	.17437
#3	9.5771	.43637	.31416	.30591	1.3000	.64286	.17417

Sample Name: K3433-02MS Acquired: 6/19/2019 18:54:27 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21579	5.615	F 135.57	3.6865	F<.00000
Stddev	.00420	.009	1.14	.0565	.05545
%RSD	1.9481	.1505	.83764	1.5323	4.8227

#1	.21293	5.606	134.26	3.6277	-1.0889
#2	.21382	5.622	136.12	3.7403	-1.1974
#3	.22062	5.618	136.32	3.6916	-1.1630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.4	40407.	3713.2	71.250	3081.6
Stddev	14.2	126.	25.5	1.339	18.3
%RSD	.46151	.31230	.68617	1.8787	.59400

#1	3069.4	40261.	3723.9	71.925	3060.8
#2	3096.8	40469.	3684.1	69.708	3095.3
#3	3089.9	40489.	3731.6	72.117	3088.7

Sample Name: K3433-02MSD Acquired: 6/19/2019 18:58:34 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75974	1.8895	.92533	1.8830	.77886	1.9321	.27395
Stddev	.00390	.0056	.00284	.0039	.00266	.0135	.00173
%RSD	.51335	.29788	.30660	.20525	.34121	.69702	.63147

#1	.76293	1.8836	.92641	1.8830	.77796	1.9231	.27378
#2	.76090	1.8900	.92747	1.8791	.78185	1.9257	.27231
#3	.75539	1.8948	.92211	1.8868	.77677	1.9476	.27576

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18258	.18042	2.0237	.37904	.18689	.30866	3.8767
Stddev	.00023	.00034	.0193	.00129	.00116	.00077	.0082
%RSD	.12850	.18838	.95411	.34110	.62022	.25006	.21073

#1	.18285	.18003	2.0152	.38029	.18565	.30931	3.8849
#2	.18244	.18057	2.0101	.37913	.18794	.30887	3.8766
#3	.18244	.18065	2.0458	.37771	.18708	.30781	3.8685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21509	1.9378	.47217	.06827	5.7704	.30312	.26156
Stddev	.00034	.0380	.00086	.00032	.0338	.00035	.00067
%RSD	.15778	1.9632	.18253	.47324	.58630	.11600	.25571

#1	.21525	1.9000	.47122	.06830	5.7767	.30281	.26089
#2	.21532	1.9372	.47291	.06858	5.7339	.30305	.26223
#3	.21470	1.9761	.47237	.06794	5.8007	.30351	.26155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5195	.43191	.30530	.30644	1.2936	.63889	.17208
Stddev	.0289	.00106	.00305	.00593	.0098	.00039	.00149
%RSD	.30385	.24559	.99808	1.9337	.75685	.06097	.86846

#1	9.5013	.43305	.30323	.30756	1.2955	.63892	.17239
#2	9.5045	.43174	.30388	.31173	1.3023	.63926	.17045
#3	9.5529	.43094	.30880	.30004	1.2830	.63849	.17339

Sample Name: K3433-02MSD Acquired: 6/19/2019 18:58:34 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21556	5.603	F 135.29	3.3377	F<.00000
Stddev	.00190	.017	.20	.2120	.17719
%RSD	.87910	.3011	.14916	6.3530	15.086

#1	.21388	5.595	135.18	3.0929	-1.0574
#2	.21761	5.622	135.52	3.4587	-1.3783
#3	.21520	5.592	135.16	3.4616	-1.0877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3071.4	40352.	3737.2	73.294	3065.3
Stddev	12.7	105.	18.6	1.078	5.8
%RSD	.41444	.25980	.49690	1.4702	.19002

#1	3057.5	40233.	3734.3	73.733	3061.3
#2	3074.4	40393.	3720.3	74.083	3062.7
#3	3082.4	40430.	3757.1	72.067	3072.0

Sample Name: CCV08 Acquired: 6/19/2019 19:02:40 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8334 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2899	5.1273	5.0426	5.2372	5.1865	10.139	10.147	.25635
Stddev	.0228	.0044	.0039	.0098	.0058	.087	.056	.00016
%RSD	.43064	.08547	.07728	.18633	.11120	.85892	.54915	.06066
#1	5.2867	5.1317	5.0423	5.2362	5.1862	10.079	10.170	.25646
#2	5.2689	5.1271	5.0466	5.2280	5.1808	10.100	10.083	.25642
#3	5.3141	5.1230	5.0388	5.2474	5.1924	10.239	10.187	.25617
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5095	25.039	1.0038	2.4809	1.2977	5.0283	2.5730	24.684
Stddev	.0002	.146	.0030	.0030	.0051	.0095	.0034	.212
%RSD	.00629	.58293	.29724	.11931	.39088	.18945	.13421	.85750
#1	2.5097	24.950	1.0071	2.4827	1.2962	5.0361	2.5770	24.537
#2	2.5094	24.958	1.0032	2.4824	1.2937	5.0311	2.5712	24.589
#3	2.5095	25.207	1.0012	2.4774	1.3034	5.0177	2.5709	24.927
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5204	1.2840	25.110	2.5814	2.4626	25.294	5.3045	5.0834
Stddev	.0011	.0033	.141	.0072	.0039	.085	.0182	.0337
%RSD	.04331	.25742	.56233	.28053	.15964	.33430	.34260	.66284
#1	2.5192	1.2878	25.210	2.5898	2.4619	25.334	5.3031	5.0829
#2	2.5211	1.2824	24.948	2.5778	2.4668	25.197	5.2870	5.0500
#3	2.5211	1.2818	25.172	2.5767	2.4590	25.351	5.3233	5.1174
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1201	5.3778	4.9214	4.8216	5.1630	5.322	F 1382.3	F 4.3850
Stddev	.0098	.0366	.0073	.0434	.0252	.013	7.4	.1034
%RSD	.19191	.68011	.14881	.89917	.48867	.2466	.53354	2.3577
#1	5.1244	5.3388	4.9243	4.7715	5.1344	5.314	1374.2	4.3517
#2	5.1089	5.4114	4.9130	4.8468	5.1723	5.315	1384.2	4.3024
#3	5.1271	5.3832	4.9268	4.8465	5.1822	5.337	1388.6	4.5010

Sample Name: CCV08 Acquired: 6/19/2019 19:02:40 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8334 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0280
Stddev	.1530
%RSD	7.5469

#1	2.1801
#2	2.0298
#3	1.8740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.1	39048.	3762.1	68.940	2819.7
Stddev	3.6	203.	13.4	1.376	6.2
%RSD	.11791	.51945	.35744	1.9959	.22117

#1	3008.5	38814.	3766.0	67.433	2815.2
#2	3015.1	39150.	3747.1	69.256	2817.1
#3	3009.6	39178.	3773.1	70.130	2826.8

Sample Name: CCB08 Acquired: 6/19/2019 19:06:38 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15146 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00043	-.00223	.00164	.00050	.00218	.00187
Stddev	.00167	.00113	.00020	.00087	.00110	.00556	.00041
%RSD	1656.6	261.89	8.9100	52.923	220.39	255.26	21.628

#1	.00033	.00077	-.00204	.00242	.00161	-.00415	.00157
#2	-.00167	-.00060	-.00244	.00070	-.00059	.00437	.00233
#3	.00165	-.00147	-.00221	.00179	.00048	.00632	.00172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00015	-.01319	-.00048	.00029	-.00046	-.00108
Stddev	.00002	.00010	.00167	.00012	.00007	.00019	.00055
%RSD	13.418	64.536	12.680	25.345	24.091	42.376	51.174

#1	.00014	.00023	-.01429	-.00062	.00037	-.00039	-.00046
#2	.00017	.00004	-.01126	-.00041	.00026	-.00031	-.00153
#3	.00013	.00019	-.01401	-.00040	.00024	-.00068	-.00126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00383	.00100	-.00111	-.10818	.00007	-.00032
Stddev	.00003	.05269	.00006	.00010	.00667	.00024	.00003
%RSD	23.768	1376.9	6.3428	9.1114	6.1686	347.04	10.076

#1	-.00011	.05527	.00106	-.00100	-.11562	.00034	-.00034
#2	-.00008	-.02083	.00103	-.00118	-.10619	-.00013	-.00033
#3	-.00013	-.04592	.00093	-.00116	-.10273	-.00000	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15994	.00054	.00099	F -.02372	.00121	-.00050	.00166
Stddev	.01761	.00024	.00929	.00185	.00183	.00105	.00097
%RSD	11.009	44.218	939.43	7.8059	151.38	208.29	58.428

#1	-.17445	.00074	-.00534	-.02178	.00279	.00040	.00220
#2	-.14035	.00061	-.00335	-.02392	.00164	-.00026	.00224
#3	-.16502	.00028	.01166	-.02547	-.00080	-.00165	.00054

Sample Name: CCB08 Acquired: 6/19/2019 19:06:38 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15146 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.0004	F .08409	F 2.9617	F<.00000
Stddev	.00177	.0006	.04011	.1279	.22561
%RSD	1591.6	144.4	47.705	4.3188	69.724

#1	.00145	-.0011	.07225	2.8149	-.26398
#2	-.00204	.0001	.12879	3.0211	-.13375
#3	.00025	-.0003	.05123	3.0492	-.57300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.6	41030.	3775.5	73.322	3221.5
Stddev	5.8	82.	11.9	1.529	4.0
%RSD	.18324	.20021	.31547	2.0855	.12359

#1	3195.8	40941.	3776.8	74.850	3221.8
#2	3189.0	41103.	3763.0	71.792	3217.4
#3	3184.1	41046.	3786.7	73.325	3225.3

Sample Name: K3433-02A Acquired: 6/19/2019 19:11:08 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8334 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74829	1.8690	.91673	1.8551	.77013	1.8837	.26865
Stddev	.00320	.0065	.00192	.0060	.00182	.0087	.00048
%RSD	.42712	.34661	.20977	.32090	.23584	.46077	.17897

#1	.75071	1.8641	.91476	1.8614	.76807	1.8750	.26812
#2	.74949	1.8665	.91683	1.8544	.77078	1.8839	.26878
#3	.74467	1.8763	.91860	1.8495	.77153	1.8923	.26906

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18112	.17836	1.9830	.37378	.18472	.30520	3.8403
Stddev	.00040	.00002	.0126	.00084	.00018	.00084	.0091
%RSD	.22220	.01229	.63754	.22494	.09718	.27503	.23644

#1	.18158	.17833	1.9685	.37296	.18490	.30439	3.8306
#2	.18098	.17837	1.9887	.37372	.18455	.30516	3.8486
#3	.18082	.17837	1.9917	.37464	.18470	.30607	3.8419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21254	1.9034	.46727	.06799	5.6331	.29936	.25807
Stddev	.00032	.0078	.00063	.00094	.0185	.00137	.00032
%RSD	.14826	.41212	.13415	1.3761	.32876	.45782	.12554

#1	.21220	1.9050	.46794	.06832	5.6137	.29785	.25808
#2	.21260	1.8949	.46718	.06871	5.6506	.29969	.25838
#3	.21283	1.9104	.46669	.06693	5.6349	.30053	.25774

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3693	.42842	.29632	.30101	1.2985	.63401	.17338
Stddev	.0445	.00131	.01606	.00176	.0057	.00181	.00194
%RSD	.47483	.30521	5.4195	.58497	.43561	.28496	1.1174

#1	9.3341	.42774	.31408	.29954	1.3028	.63196	.17526
#2	9.4193	.42760	.29206	.30296	1.3006	.63537	.17348
#3	9.3546	.42993	.28282	.30054	1.2921	.63470	.17139

Sample Name: K3433-02A Acquired: 6/19/2019 19:11:08 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8334 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21172	5.516	F 133.45	3.4458	F<.00000
Stddev	.00107	.007	.14	.0519	.13446
%RSD	.50336	.1362	.10746	1.5046	10.472

#1	.21054	5.523	133.37	3.4067	-1.2910
#2	.21199	5.508	133.61	3.4262	-1.4149
#3	.21262	5.517	133.36	3.5046	-1.1462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3105.1	40657.	3731.5	71.386	3100.9
Stddev	10.7	165.	13.6	.356	12.5
%RSD	.34596	.40493	.36410	.49929	.40188

#1	3092.7	40548.	3717.2	71.608	3086.5
#2	3111.3	40577.	3733.2	70.975	3107.1
#3	3111.3	40847.	3744.2	71.575	3109.0

Sample Name: K3441-06 Acquired: 6/19/2019 19:15:15 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-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	.00011	-.00057	.00555	.00293	-.00159	.22350	.11790	.00009
Stddev	.00193	.00151	.00041	.00161	.00158	.00889	.00074	.00002
%RSD	1792.8	262.80	7.4550	54.746	98.952	3.9770	.62417	18.595
#1	-.00031	-.00062	.00583	.00144	-.00043	.23362	.11729	.00009
#2	.00222	-.00205	.00508	.00463	-.00339	.21695	.11770	.00007
#3	-.00158	.00096	.00575	.00273	-.00096	.21993	.11872	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	14.505	-.00579	.00060	.00224	.10675	.83471	2.0940
Stddev	.00005	.120	.00004	.00020	.00067	.00171	.00169	.0449
%RSD	314.83	.82541	.71053	33.444	30.121	1.5981	.20298	2.1445
#1	.00008	14.414	-.00575	.00073	.00261	.10491	.83361	2.0719
#2	-.00002	14.460	-.00581	.00037	.00265	.10706	.83385	2.0645
#3	-.00000	14.640	-.00582	.00069	.00146	.10828	.83666	2.1457
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00138	20.956	.00010	.03486	.22294	.00079	.05156
Stddev	.00016	.00055	.091	.00017	.00007	.01286	.00036	.00576
%RSD	20.632	40.161	.43362	172.52	.18994	5.7667	45.069	11.164
#1	.00091	-.00201	20.944	.00007	.03493	.22510	.00099	.05620
#2	.00081	-.00111	20.871	-.00006	.03485	.23458	.00038	.05335
#3	.00060	-.00101	21.052	.00027	.03480	.20914	.00102	.04512
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1156	2.3628	-.01107	-.00457	-.00116	.0044	F 53.877	3.2622
Stddev	.0056	.0159	.00034	.00169	.00088	.0009	.112	.1419
%RSD	.50655	.67335	3.0449	36.933	75.499	21.33	.20740	4.3502
#1	1.1101	2.3561	-.01088	-.00425	-.00057	.0054	53.827	3.3808
#2	1.1214	2.3809	-.01146	-.00640	-.00074	.0044	54.005	3.1050
#3	1.1154	2.3513	-.01086	-.00307	-.00217	.0035	53.799	3.3009

Sample Name: K3441-06 Acquired: 6/19/2019 19:15:15 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GWMH-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.17801
%RSD	39.944

#1	-.58546
#2	-.50619
#3	-.24525

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3097.5	40244.	3753.5	72.709	3091.9
Stddev	12.2	45.	28.8	1.702	15.7
%RSD	.39285	.11298	.76666	2.3412	.50752

#1	3091.0	40195.	3748.9	70.863	3079.9
#2	3111.5	40255.	3727.2	73.046	3109.7
#3	3089.8	40284.	3784.2	74.217	3086.3

Sample Name: K3157-02 Acquired: 6/19/2019 19:19:41 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	-.00087	.00906	.00161	-.00257	.10693	.10949	.00014
Stddev	.00040	.00035	.00086	.00084	.00180	.01048	.00092	.00002
%RSD	34.668	41.028	9.4949	52.490	70.229	9.8024	.84253	16.351
#1	.00081	-.00046	.00847	.00106	-.00352	.09509	.10842	.00011
#2	.00108	-.00101	.00866	.00119	-.00049	.11068	.11001	.00014
#3	.00161	-.00112	.01005	.00258	-.00369	.11502	.11004	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	35.257	-.00841	.00877	.00464	.24354	.66862	2.2971
Stddev	.00003	.568	.00048	.00020	.00026	.00335	.00063	.0621
%RSD	11.877	1.6097	5.6874	2.2750	5.5338	1.3763	.09390	2.7038
#1	.00020	34.608	-.00786	.00893	.00434	.23968	.66808	2.2263
#2	.00022	35.503	-.00868	.00883	.00479	.24571	.66931	2.3224
#3	.00025	35.661	-.00870	.00854	.00478	.24524	.66848	2.3425
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00494	-.00138	280.90	-.00040	.04267	1.0559	-.00040	.00914
Stddev	.00021	.00027	2.34	.00024	.00019	.0380	.00013	.00904
%RSD	4.3115	19.671	.83408	61.394	.44347	3.6015	33.406	98.871
#1	.00476	-.00161	281.94	-.00033	.04288	1.0596	-.00024	.00204
#2	.00487	-.00146	278.21	-.00020	.04251	1.0162	-.00048	.00607
#3	.00517	-.00108	282.54	-.00067	.04262	1.0920	-.00047	.01931
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39292	.73938	-.01561	-.01305	.00066	.0039	F 79.780	4.3374
Stddev	.00063	.03865	.00154	.00202	.00158	.0014	4.818	.0661
%RSD	.15977	5.2271	9.8389	15.514	238.30	36.73	6.0391	1.5238
#1	.39241	.69478	-.01384	-.01135	-.00110	.0040	74.221	4.3916
#2	.39273	.76310	-.01658	-.01250	.00113	.0054	82.353	4.3570
#3	.39362	.76026	-.01642	-.01529	.00196	.0025	82.764	4.2638

Sample Name: K3157-02 Acquired: 6/19/2019 19:19:41 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.24444
Stddev	.23958
%RSD	98.010

#1	.38529
#2	.38023
#3	-.03218

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2959.4	37727.	3841.3	70.781	2768.8
Stddev	10.2	59.	182.3	3.365	15.1
%RSD	.34333	.15638	4.7448	4.7548	.54636

#1	2948.0	37659.	4051.7	74.600	2752.7
#2	2963.0	37762.	3733.2	69.492	2771.2
#3	2967.4	37761.	3738.9	68.250	2782.7

Sample Name: K3157-02DUP Acquired: 6/19/2019 19:24:15 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00305	-.00005	.01068	.00219	-.00231	.11579	.11093	.00010
Stddev	.00189	.00080	.00051	.00289	.00038	.01336	.00124	.00004
%RSD	62.019	1623.7	4.8202	131.71	16.596	11.541	1.1155	45.803
#1	.00171	.00062	.01008	.00435	-.00255	.11303	.11216	.00005
#2	.00223	.00017	.01097	-.00109	-.00187	.10402	.10969	.00014
#3	.00522	-.00094	.01098	.00332	-.00251	.13031	.11092	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	35.661	-.00836	.00893	.00508	.24459	.67229	2.3061
Stddev	.00009	.509	.00006	.00016	.00029	.00452	.01022	.0810
%RSD	44.867	1.4278	.69058	1.7917	5.6807	1.8499	1.5207	3.5133
#1	.00020	36.147	-.00837	.00911	.00500	.24981	.68400	2.3994
#2	.00010	35.132	-.00841	.00885	.00540	.24181	.66514	2.2535
#3	.00028	35.706	-.00829	.00882	.00484	.24215	.66772	2.2655
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00486	-.00129	281.43	-.00043	.04228	1.1625	-.00045	.00628
Stddev	.00024	.00016	5.75	.00021	.00014	.0168	.00040	.01382
%RSD	4.8941	12.455	2.0429	49.467	.33799	1.4432	89.678	220.03
#1	.00491	-.00134	288.01	-.00033	.04222	1.1744	.00001	.02108
#2	.00506	-.00111	278.87	-.00028	.04217	1.1433	-.00074	-.00628
#3	.00459	-.00142	277.41	-.00067	.04244	1.1698	-.00062	.00404
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39246	.75483	-.01616	-.01278	.00804	.0025	F 82.352	4.4008
Stddev	.00252	.00840	.00036	.00245	.00042	.0005	.018	.2060
%RSD	.64108	1.1133	2.2357	19.193	5.1827	21.84	.02200	4.6812
#1	.38966	.76323	-.01575	-.01046	.00849	.0029	82.370	4.5850
#2	.39318	.75483	-.01641	-.01253	.00794	.0026	82.334	4.1783
#3	.39453	.74643	-.01633	-.01534	.00768	.0019	82.353	4.4391

Sample Name: K3157-02DUP Acquired: 6/19/2019 19:24:15 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.46089
Stddev	.14485
%RSD	31.427

#1	.47542
#2	.59792
#3	.30933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.5	37539.	3747.0	70.581	2736.7
Stddev	5.0	772.	24.7	.959	7.2
%RSD	.17197	2.0572	.65971	1.3581	.26343

#1	2917.1	36675.	3720.7	70.558	2729.9
#2	2923.4	38164.	3750.4	69.633	2736.1
#3	2927.1	37777.	3769.8	71.550	2744.2

Sample Name: K3157-02LX5 Acquired: 6/19/2019 19:28:48 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00028	.00053	.00174	-.00292	.02514	.02270	.00015
Stddev	.00354	.00060	.00075	.00142	.00134	.00845	.00052	.00008
%RSD	464.06	213.18	140.40	81.294	46.012	33.626	2.2994	56.713
#1	.00404	-.00091	.00072	.00134	-.00425	.01584	.02240	.00021
#2	.00123	-.00019	.00116	.00332	-.00156	.02721	.02240	.00018
#3	-.00299	.00027	-.00029	.00057	-.00294	.03237	.02330	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	6.8736	-.00220	.00196	.00105	.04904	.13613	.45931
Stddev	.00004	.0877	.00026	.00004	.00011	.00071	.00109	.01269
%RSD	60.308	1.2753	11.997	1.9887	10.952	1.4445	.80200	2.7631
#1	.00003	6.7746	-.00243	.00195	.00118	.04825	.13703	.44516
#2	.00006	6.9413	-.00226	.00201	.00098	.04962	.13645	.46968
#3	.00012	6.9049	-.00191	.00193	.00098	.04923	.13492	.46308
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00130	54.527	-.00017	.00980	.17067	-.00054	-.00172
Stddev	.00020	.00010	.041	.00024	.00013	.00911	.00019	.01494
%RSD	14.730	7.6562	.07443	137.24	1.3067	5.3393	34.248	866.05
#1	.00117	-.00119	54.557	-.00029	.00991	.16144	-.00038	.01531
#2	.00157	-.00139	54.544	.00010	.00966	.17966	-.00050	-.01258
#3	.00142	-.00131	54.481	-.00033	.00982	.17092	-.00075	-.00790
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05909	.15869	-.00396	-.00121	.00577	-.0002	F 16.662	3.1224
Stddev	.00399	.00186	.00005	.00213	.00185	.0011	.120	.3014
%RSD	6.7495	1.1728	1.2072	175.76	31.974	517.9	.72312	9.6527
#1	.06168	.16008	-.00394	-.00037	.00515	.0007	16.671	3.1768
#2	.06109	.15658	-.00393	-.00363	.00785	.0001	16.537	3.3928
#3	.05450	.15942	-.00401	.00037	.00432	-.0015	16.777	2.7975

Sample Name: K3157-02LX5 Acquired: 6/19/2019 19:28:48 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .25006
%RSD 137.02

#1 .07566
#2 -.19956
#3 -.42360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.5	40007.	3794.1	71.634	3037.1
Stddev	19.0	81.	18.6	1.655	15.6
%RSD	.60765	.20326	.49097	2.3105	.51297

#1	3115.5	39970.	3785.9	73.164	3025.5
#2	3117.6	39951.	3815.4	69.877	3031.0
#3	3149.4	40100.	3780.9	71.859	3054.8

Sample Name: K3157-02MS Acquired: 6/19/2019 19:33:14 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80664	1.8654	.95665	2.0245	.79855	2.0588	.31055	.19551
Stddev	.00178	.0010	.00488	.0075	.00118	.0150	.00251	.00030
%RSD	.22056	.05653	.51001	.36855	.14755	.72951	.80797	.15481
#1	.80798	1.8654	.95688	2.0261	.79719	2.0607	.30819	.19567
#2	.80462	1.8664	.95166	2.0163	.79918	2.0429	.31028	.19516
#3	.80731	1.8643	.96141	2.0310	.79928	2.0727	.31318	.19570
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19261	36.574	.36984	.20052	.30414	3.1573	.85965	4.2073
Stddev	.00045	.409	.00214	.00026	.00072	.0123	.00208	.1159
%RSD	.23287	1.1195	.57838	.12897	.23633	.39071	.24210	2.7550
#1	.19236	36.299	.36875	.20059	.30345	3.1541	.85959	4.1214
#2	.19235	36.379	.36846	.20024	.30409	3.1470	.85760	4.1614
#3	.19313	37.045	.37230	.20074	.30488	3.1710	.86176	4.3391
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49088	.07043	277.20	.30864	.23898	11.485	.42023	.31143
Stddev	.00050	.00051	2.84	.00235	.00070	.162	.00080	.00279
%RSD	.10199	.72447	1.0240	.76252	.29246	1.4074	.18936	.89465
#1	.49124	.06999	279.19	.30777	.23865	11.351	.41947	.30821
#2	.49031	.07031	273.95	.30684	.23851	11.441	.42017	.31300
#3	.49109	.07099	278.46	.31130	.23978	11.665	.42106	.31308
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38322	1.6726	.66279	.16064	.23047	6.368	F 210.84	4.6603
Stddev	.00112	.0076	.00185	.00110	.00097	.011	.89	.1416
%RSD	.29216	.45502	.27957	.68266	.41926	.1756	.42348	3.0377
#1	.38449	1.6723	.66107	.15942	.23019	6.356	211.84	4.8190
#2	.38240	1.6803	.66255	.16154	.22967	6.377	210.58	4.5470
#3	.38277	1.6651	.66475	.16096	.23154	6.372	210.11	4.6149

Sample Name: K3157-02MS Acquired: 6/19/2019 19:33:14 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.06069
%RSD	11.342

#1	-.51888
#2	-.60223
#3	-.48414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.7	37831.	3667.4	71.147	2730.9
Stddev	9.0	146.	22.7	1.373	8.8
%RSD	.30711	.38520	.61895	1.9299	.32323

#1	2928.0	37786.	3644.8	72.732	2740.2
#2	2914.0	37993.	3667.0	70.394	2729.7
#3	2911.3	37712.	3690.2	70.315	2722.7

Sample Name: K3157-02MSD Acquired: 6/19/2019 19:37:31 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80981	1.8698	.95975	2.0480	.80210	2.0682	.31240	.19779
Stddev	.00633	.0096	.00484	.0126	.00399	.0357	.00244	.00045
%RSD	.78223	.51314	.50435	.61402	.49763	1.7270	.77981	.22555
#1	.81683	1.8808	.96526	2.0612	.80631	2.0397	.31012	.19818
#2	.80810	1.8651	.95618	2.0467	.80160	2.0566	.31211	.19730
#3	.80452	1.8635	.95780	2.0362	.79838	2.1082	.31497	.19790
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19307	36.715	.37454	.20167	.30489	3.2070	.87087	4.1521
Stddev	.00100	.401	.00115	.00110	.00154	.0038	.00193	.0526
%RSD	.51698	1.0925	.30832	.54775	.50488	.11784	.22110	1.2674
#1	.19417	36.332	.37372	.20293	.30635	3.2057	.86864	4.1006
#2	.19280	36.680	.37403	.20121	.30504	3.2040	.87206	4.1498
#3	.19223	37.132	.37586	.20088	.30328	3.2112	.87190	4.2058
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49302	.07154	278.74	.31446	.23943	11.674	.42250	.30976
Stddev	.00370	.00021	3.83	.00060	.00141	.122	.00185	.00598
%RSD	.75089	.28694	1.3754	.19063	.58839	1.0492	.43829	1.9305
#1	.49706	.07169	274.76	.31418	.24106	11.587	.42419	.31549
#2	.49223	.07131	279.06	.31406	.23868	11.621	.42279	.30356
#3	.48978	.07163	282.41	.31515	.23856	11.814	.42052	.31024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37786	1.7080	.66188	.16261	.23969	6.409	F 215.18	4.7455
Stddev	.00552	.0181	.00407	.00030	.00139	.052	.79	.1454
%RSD	1.4609	1.0577	.61561	.18447	.58166	.8102	.36892	3.0632
#1	.38416	1.7244	.66628	.16252	.23832	6.468	215.96	4.5875
#2	.37385	1.7109	.66111	.16237	.23965	6.388	214.37	4.8735
#3	.37558	1.6886	.65824	.16295	.24111	6.370	215.21	4.7755

Sample Name: K3157-02MSD Acquired: 6/19/2019 19:37:31 Type: Unk
 Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-061719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.17107
%RSD	120.77

#1	.04691
#2	-.28693
#3	-.18492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.8	37863.	3648.8	70.525	2762.2
Stddev	29.4	97.	29.1	1.083	26.7
%RSD	.99446	.25706	.79846	1.5355	.96661

#1	2926.5	37901.	3616.3	71.736	2737.8
#2	2945.0	37936.	3657.4	69.650	2758.1
#3	2984.0	37752.	3672.7	70.189	2790.8

Sample Name: K3157-02A Acquired: 6/19/2019 19:41:46 Type: Unk
Method: P4-ICP2(v3217) 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	.79916	1.8456	.94754	2.0127	.78888	2.0143	.30660	.19375
Stddev	.00207	.0090	.00376	.0019	.00392	.0027	.00106	.00052
%RSD	.25961	.48628	.39722	.09374	.49727	.13442	.34575	.26876
#1	.80021	1.8353	.95184	2.0108	.78796	2.0115	.30605	.19362
#2	.80050	1.8502	.94487	2.0127	.78550	2.0169	.30782	.19330
#3	.79677	1.8513	.94590	2.0146	.79318	2.0145	.30593	.19432
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19069	36.719	.36646	.19894	.29929	3.1566	.87216	4.1487
Stddev	.00055	.171	.00040	.00026	.00037	.0032	.00153	.0573
%RSD	.28588	.46649	.11046	.12877	.12411	.10056	.17562	1.3804
#1	.19020	36.523	.36633	.19865	.29965	3.1598	.87355	4.1604
#2	.19059	36.841	.36691	.19911	.29891	3.1534	.87052	4.0865
#3	.19127	36.792	.36614	.19907	.29929	3.1567	.87242	4.1992
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48567	.07000	279.54	.30645	.23669	11.384	.41427	.30046
Stddev	.00132	.00051	1.71	.00090	.00029	.030	.00097	.02084
%RSD	.27205	.72926	.61089	.29239	.12426	.26242	.23336	6.9357
#1	.48420	.07046	279.19	.30746	.23654	11.355	.41393	.30332
#2	.48606	.06945	281.40	.30617	.23650	11.382	.41351	.31972
#3	.48676	.07009	278.04	.30573	.23703	11.415	.41536	.27834
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38782	1.7088	.65264	.15984	.23568	6.319	F 213.01	4.3699
Stddev	.00165	.0191	.00192	.00165	.00134	.011	1.29	.1195
%RSD	.42667	1.1199	.29476	1.0299	.56733	.1722	.60588	2.7344
#1	.38844	1.7063	.65084	.16007	.23419	6.307	212.83	4.3346
#2	.38907	1.7291	.65467	.15809	.23677	6.320	214.38	4.2721
#3	.38594	1.6911	.65241	.16136	.23609	6.329	211.82	4.5031

Sample Name: K3157-02A Acquired: 6/19/2019 19:41:46 Type: Unk
Method: P4-ICP2(v3217) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.29114
%RSD	70.608

#1	-.73039
#2	-.15902
#3	-.34757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.3	38191.	3662.3	73.136	2772.2
Stddev	4.7	207.	30.3	2.358	5.9
%RSD	.15984	.54179	.82851	3.2237	.21457

#1	2968.8	38035.	3654.4	70.636	2777.9
#2	2960.9	38111.	3636.7	73.452	2766.0
#3	2969.4	38425.	3695.8	75.319	2772.7

Sample Name: CCV09 Acquired: 6/19/2019 19:46:02 Type: Unk
Method: P4-ICP2(v3217) 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	5.2243	5.0625	4.9956	5.1688	5.1135	9.8178	9.9059	.25310
Stddev	.0108	.0164	.0129	.0023	.0056	.1249	.0989	.00134
%RSD	.20709	.32361	.25787	.04395	.10892	1.2721	.99802	.52944
#1	5.2366	5.0803	5.0059	5.1689	5.1199	9.6747	9.7928	.25158
#2	5.2164	5.0593	4.9997	5.1665	5.1108	9.9049	9.9488	.25360
#3	5.2199	5.0480	4.9811	5.1710	5.1097	9.8738	9.9760	.25411
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4819	24.303	.99259	2.4481	1.2816	4.9814	2.5350	24.093
Stddev	.0080	.325	.00180	.0083	.0034	.0302	.0144	.356
%RSD	.32163	1.3379	.18108	.33944	.26163	.60651	.56997	1.4782
#1	2.4897	23.936	.99061	2.4553	1.2854	4.9467	2.5184	23.739
#2	2.4824	24.418	.99412	2.4500	1.2806	4.9952	2.5425	24.089
#3	2.4737	24.555	.99303	2.4390	1.2789	5.0022	2.5442	24.451
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4917	1.2660	24.558	2.5464	2.4360	24.802	5.2318	4.9288
Stddev	.0103	.0084	.288	.0193	.0089	.310	.0062	.0495
%RSD	.41454	.66024	1.1743	.75795	.36759	1.2509	.11777	1.0034
#1	2.5010	1.2567	24.227	2.5242	2.4448	24.445	5.2379	4.8792
#2	2.4936	1.2730	24.692	2.5566	2.4364	24.964	5.2319	4.9289
#3	2.4806	1.2683	24.756	2.5586	2.4269	24.999	5.2256	4.9781
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0511	5.2546	4.8781	4.6661	5.0218	5.270	F 1348.5	F 4.0614
Stddev	.0099	.1561	.0208	.1597	.1710	.023	45.6	.0780
%RSD	.19576	2.9706	.42566	3.4233	3.4053	.4310	3.3848	1.9195
#1	5.0464	5.0743	4.9019	4.4817	4.8245	5.294	1295.8	3.9868
#2	5.0444	5.3443	4.8688	4.7565	5.1139	5.266	1373.5	4.1423
#3	5.0624	5.3451	4.8637	4.7603	5.1270	5.249	1376.2	4.0550

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Comment:

Elem U_3859
Units ppm
Avg F 1.8399
Stddev .5535
%RSD 30.081

#1 1.9810
#2 1.2295
#3 2.3092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3027.8	39198.	3783.5	72.020	2832.4
Stddev	5.7	152.	107.0	1.324	9.2
%RSD	.18723	.38692	2.8271	1.8378	.32655

#1	3021.6	39369.	3906.9	73.318	2823.8
#2	3028.9	39080.	3717.1	70.672	2831.1
#3	3032.8	39144.	3726.6	72.071	2842.2

Sample Name: CCB09 Acquired: 6/19/2019 19:49:59 Type: Unk
Method: P4-ICP2(v3217) 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	.00092	.00020	-.00238	-.00155	.00107	.00027	.00205
Stddev	.00195	.00073	.00072	.00035	.00086	.01319	.00057
%RSD	212.26	370.41	30.357	22.462	80.407	4962.6	27.655

#1	.00298	-.00026	-.00219	-.00126	.00172	.00397	.00207
#2	.00070	.00104	-.00317	-.00145	.00140	-.01438	.00262
#3	-.00091	-.00018	-.00177	-.00193	.00009	.01121	.00148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00011	-.01120	-.00079	.00024	-.00009	-.00059
Stddev	.00004	.00001	.00107	.00036	.00009	.00013	.00046
%RSD	26.244	12.140	9.5145	45.097	37.735	147.17	79.026

#1	.00016	.00010	-.01211	-.00047	.00015	.00004	-.00031
#2	.00011	.00010	-.01147	-.00074	.00023	-.00022	-.00033
#3	.00019	.00012	-.01003	-.00118	.00033	-.00009	-.00112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01145	.00105	-.00150	-.02636	.00009	-.00025
Stddev	.00001	.03866	.00011	.00039	.00876	.00007	.00006
%RSD	6.9471	337.79	10.685	25.924	33.227	74.036	24.403

#1	-.00011	.01600	.00099	-.00194	-.01880	.00002	-.00027
#2	-.00013	.00533	.00118	-.00125	-.03595	.00010	-.00031
#3	-.00012	-.05566	.00098	-.00130	-.02432	.00015	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14129	.00051	.01612	F -.01818	.00041	-.00045	.00224
Stddev	.02059	.00030	.01142	.00368	.00058	.00021	.00084
%RSD	14.573	59.551	70.857	20.253	138.79	46.823	37.688

#1	-.16481	.00083	.01656	-.01515	.00028	-.00069	.00165
#2	-.12648	.00046	.00449	-.01711	.00104	-.00036	.00321
#3	-.13260	.00023	.02732	-.02228	-.00008	-.00030	.00186

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 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00187	-.0027	F .11984	F 2.8745	F<.00000
Stddev	.00175	.0005	.02773	.0569	.20726
%RSD	93.679	19.51	23.144	1.9788	147.99
#1	.00388	-.0034	.12642	2.8107	.09550
#2	.00086	-.0024	.08940	2.9199	-.29449
#3	.00085	-.0025	.14369	2.8929	-.22115
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3191.7	40917.	3759.3	73.803	3232.2
Stddev	4.4	238.	33.7	1.565	9.9
%RSD	.13652	.58255	.89707	2.1206	.30690
#1	3189.1	40648.	3742.9	72.833	3222.5
#2	3189.2	40999.	3736.8	72.967	3242.4
#3	3196.7	41103.	3798.1	75.608	3231.6