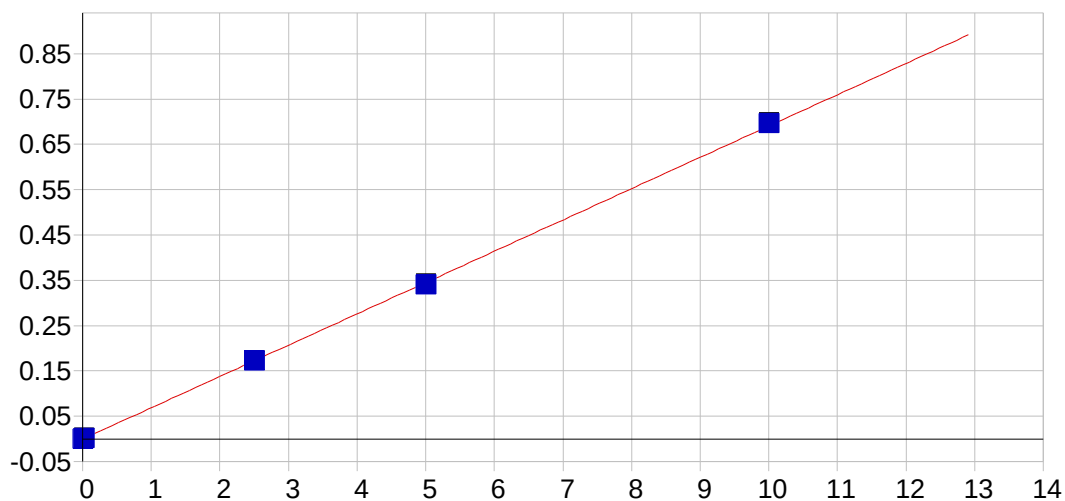


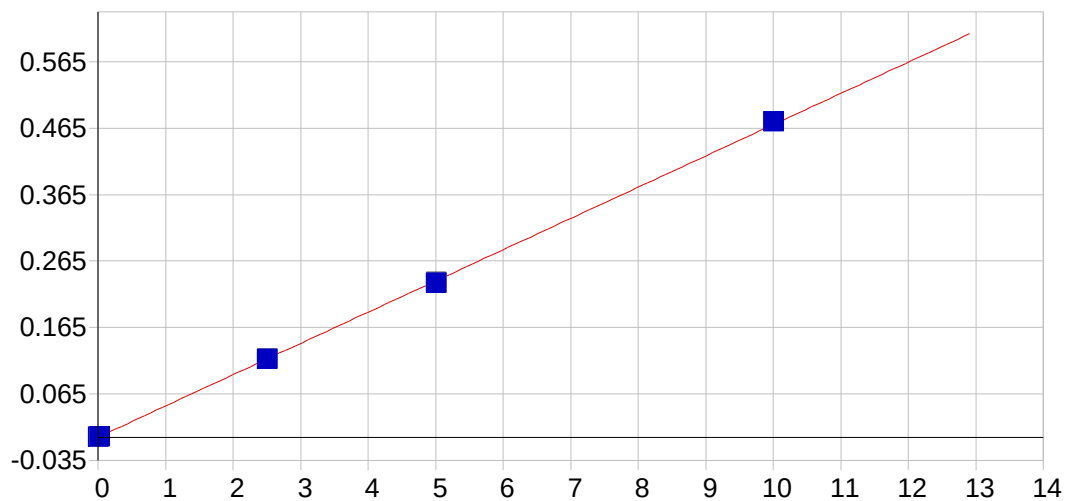


As 189.042 {478}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000453 Re-Slope: 1.000000
 A1 (Gain): 0.069083 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002455
 Predicted MQL: 0.008184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.02000	.02274	.003	13.7	.00112	.000	1
S3	2.5000	2.4849	-.015	-.606	.17120	.000	1
S4	5.0000	4.9287	-.071	-1.43	.34001	.001	1
S5	10.000	10.084	.084	.837	.69611	.001	1



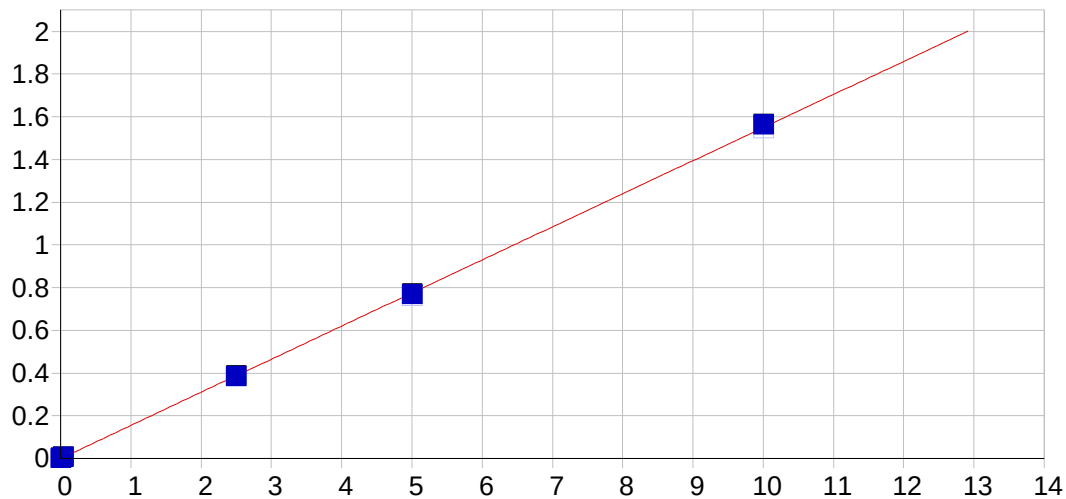
As 189.042 {479}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000016 Re-Slope: 1.000000

A1 (Gain): 0.047016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002320
 Predicted MQL: 0.007733

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.02000	.02111	.001	5.53	.00098	.000	1
S3	2.5000	2.4833	-.017	-.668	.11674	.000	1
S4	5.0000	4.9293	-.071	-1.41	.23174	.001	1
S5	10.000	10.086	.086	.863	.47421	.000	1

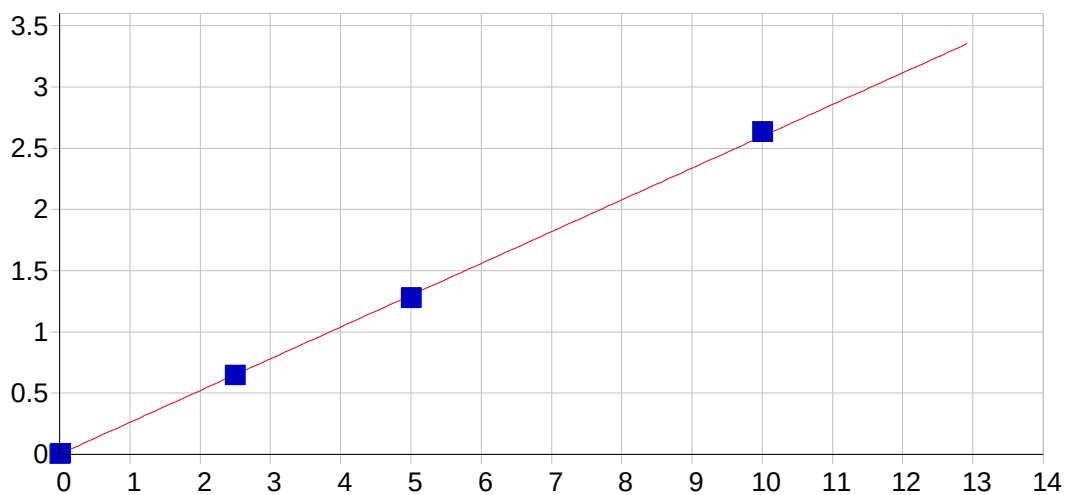


TI 190.856 {477}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000164 Re-Slope: 1.000000
 A1 (Gain): 0.154943 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.000962
 Predicted MQL: 0.003207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.04000	.03954	-.000	-1.16	.00613	.000	1
S3	2.5000	2.4816	-.018	-.736	.38070	.001	1
S4	5.0000	4.9504	-.050	-.992	.75924	.002	1
S5	10.000	10.068	.068	.685	1.5443	.005	1

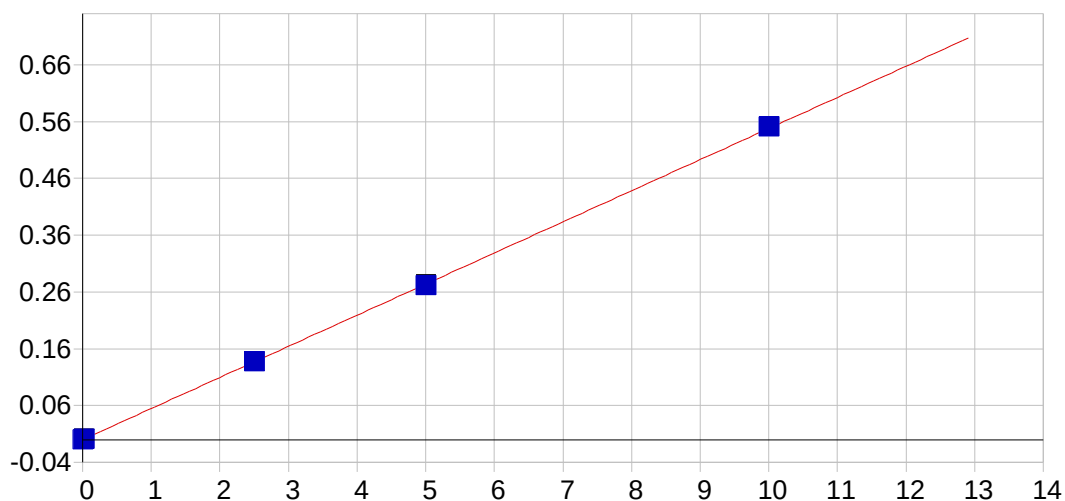


Pb 220.353 {453}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002029 Re-Slope: 1.000000
 A1 (Gain): 0.259431 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000906
 Predicted MQL: 0.003021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00203	.000	1
S1	.01200	.01190	-.000	-.834	.00506	.000	1
S3	2.5000	2.4664	-.034	-1.35	.64094	.001	1
S4	5.0000	4.9027	-.097	-1.95	1.2721	.003	1
S5	10.000	10.131	.131	1.31	2.6266	.004	1



Se 196.090 {472}

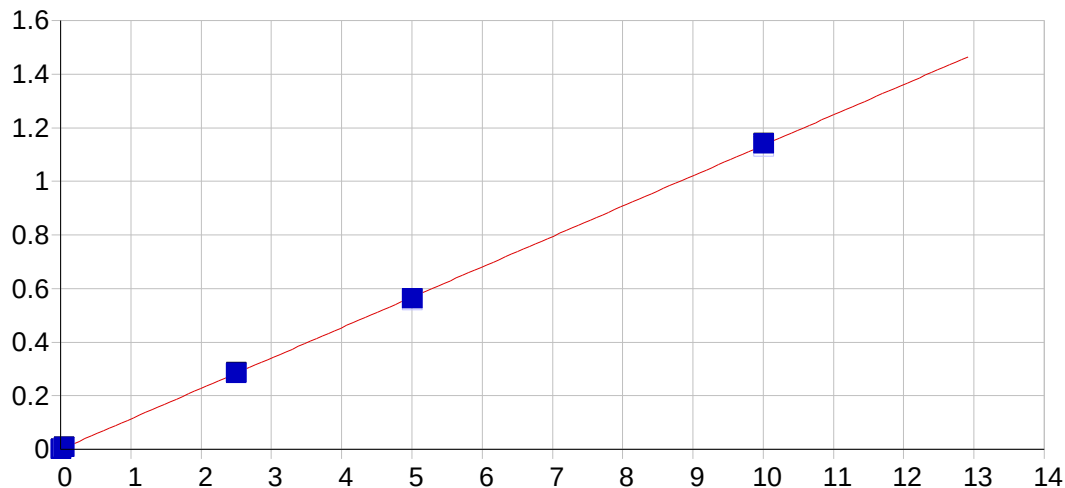
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000106 Re-Slope: 1.000000
 A1 (Gain): 0.054788 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000010
 Predicted MDL: 0.002852
 Predicted MQL: 0.009506

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.02000	.01940	-.001	-3.00	.00096	.000	1
S3	2.5000	2.4981	-.002	-.078	.13673	.000	1
S4	5.0000	4.9465	-.054	-1.07	.27084	.001	1
S5	10.000	10.056	.056	.561	.55073	.000	1



Sb 206.833 {463}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

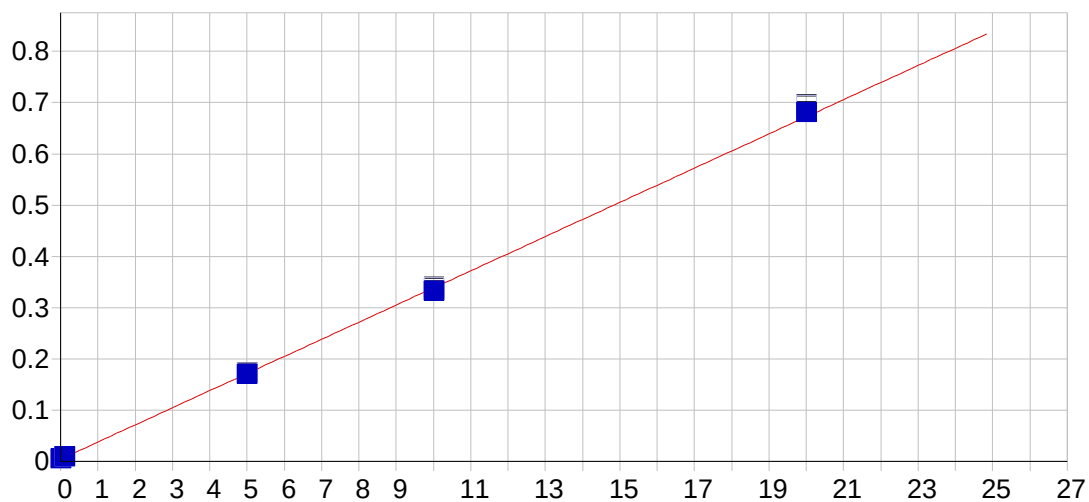
Weighting: 1/Conc

A0 (Offset): 0.000168
 A1 (Gain): 0.113411
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000036
 Predicted MDL: 0.001660
 Predicted MQL: 0.005534

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	.00017	.000	1
S1	.05000	.05309	.003	6.19	.00605	.000	1
S3	2.5000	2.5052	.005	.209	.28110	.001	1
S4	5.0000	4.9390	-.061	-1.22	.55392	.001	1
S5	10.000	10.053	.053	.528	1.1275	.002	1

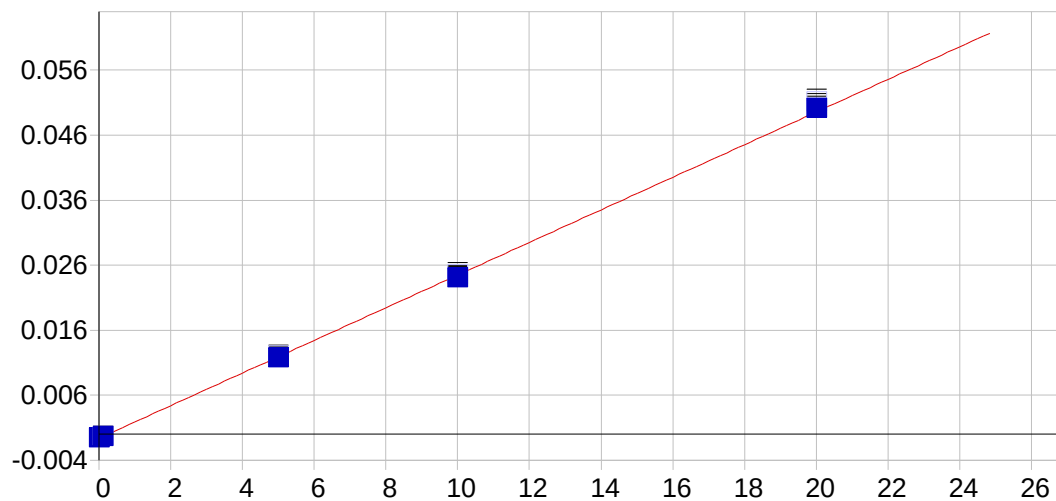


AI 308.215 {109}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004374 Re-Slope: 1.000000
 A1 (Gain): 0.033405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002978
 Predicted MQL: 0.009925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00437	.000	1
S1	.10000	.11215	.012	12.1	.00835	.000	1
S3	5.0000	4.9364	-.064	-1.27	.17260	.000	1
S4	10.000	9.7975	-.202	-2.02	.33831	.001	1
S5	20.000	20.253	.253	1.27	.69423	.001	1



AI 309.271 {109}

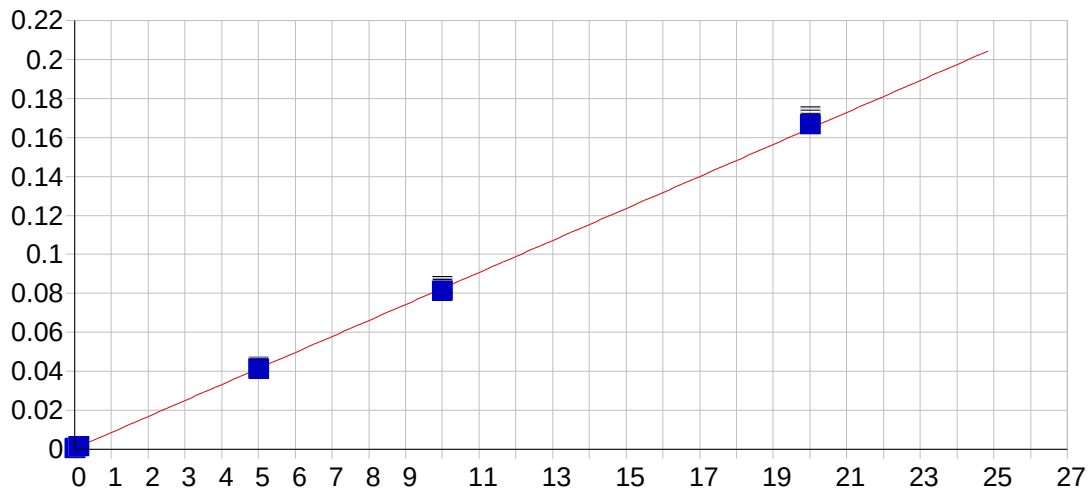
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000603 Re-Slope: 1.000000
 A1 (Gain): 0.002508 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.000003
 Predicted MDL: 0.026749
 Predicted MQL: 0.089164

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00060	.000	1
S1	.10000	.11125	.011	11.2	-.00031	.000	1
S3	5.0000	4.9253	-.075	-1.49	.01200	.000	1
S4	10.000	9.8308	-.169	-1.69	.02456	.000	1
S5	20.000	20.232	.232	1.16	.05115	.000	1



AI 396.152 { 85}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

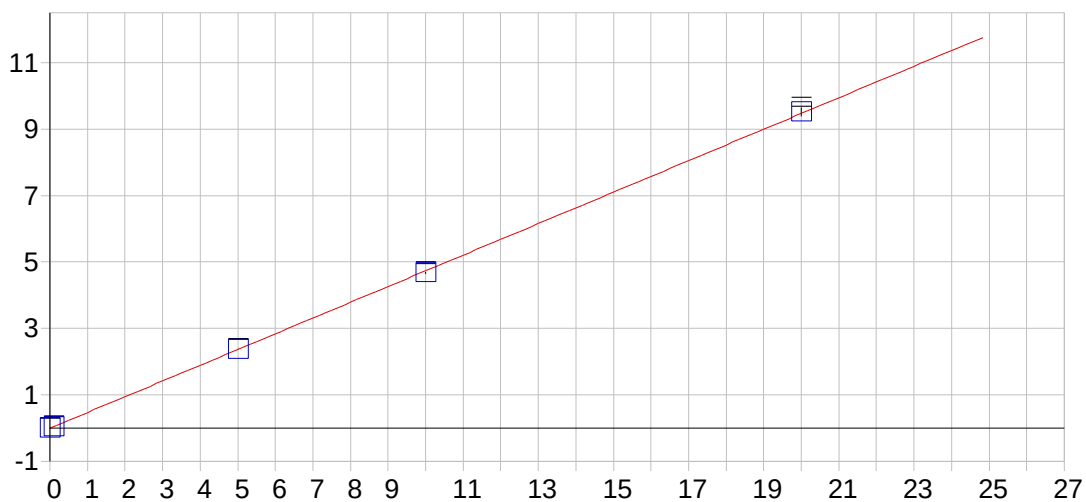
Weighting: 1/Conc

A0 (Offset): 0.000385
 A1 (Gain): 0.008210
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000009
 Predicted MDL: 0.012886
 Predicted MQL: 0.042954

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	.00038	.000	1
S1	.10000	.11040	.010	10.4	.00135	.000	1
S3	5.0000	4.9573	-.043	-8.54	.04190	.000	1
S4	10.000	9.8202	-.180	-1.80	.08264	.001	1
S5	20.000	20.212	.212	1.06	.16959	.001	1

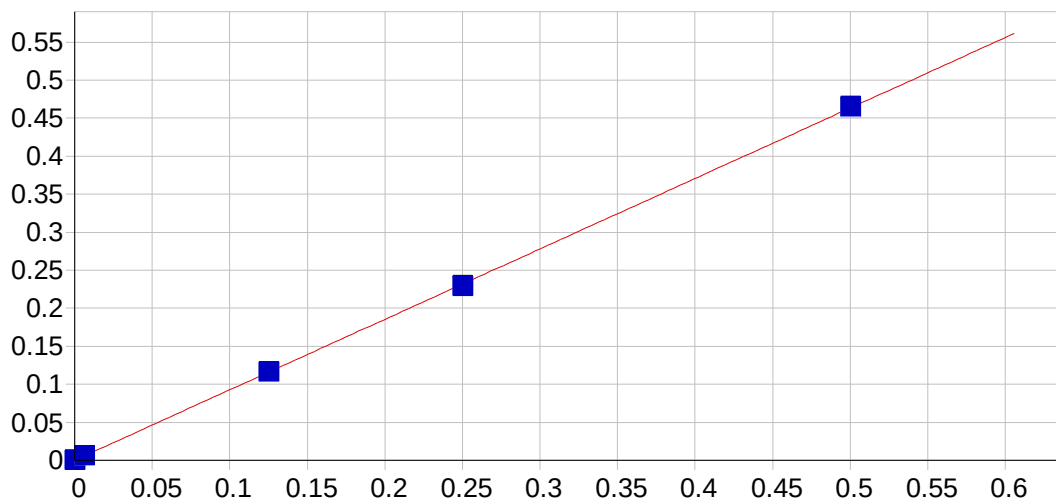


Ba 493.409 { 68}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001616 Re-Slope: 1.000000
 A1 (Gain): 0.473557 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000314
 Predicted MDL: 0.000498
 Predicted MQL: 0.001659

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00162	.000	1
S1	.10000	.10744	.007	7.44	.04926	.000	1
S3	5.0000	5.0171	.017	.342	2.3743	.009	1
S5	20.000	20.099	.099	.496	9.5165	.134	1
S4	10.000	9.8762	-.124	-1.24	4.6753	.033	1



Be 234.861 {144}

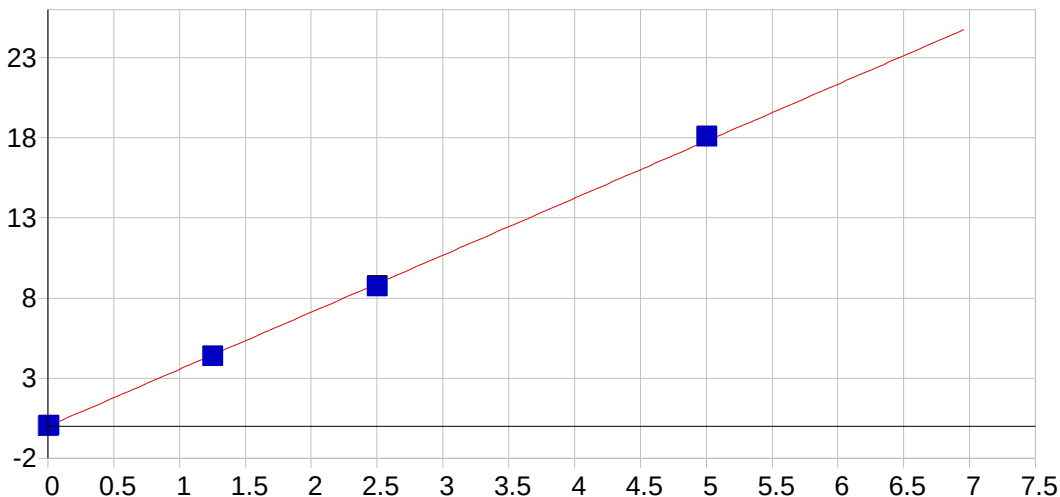
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.926303 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000029
 Predicted MDL: 0.000066
 Predicted MQL: 0.000219

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.00600	.00663	.001	10.5	.00618	.000	1
S3	.12500	.12538	.000	.304	.11551	.000	1
S4	.25000	.24742	-.003	-1.03	.22782	.000	1
S5	.50000	.50158	.002	.315	.46179	.001	1



Cd 226.502 {449}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

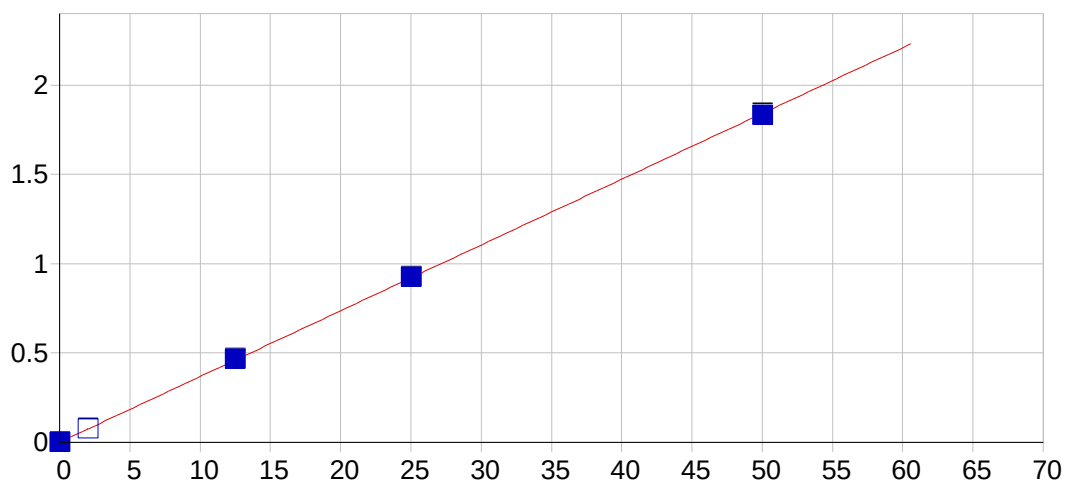
Weighting: 1/Conc

A0 (Offset): -0.001522
 A1 (Gain): 3.558735
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000596
 Predicted MDL: 0.000074
 Predicted MQL: 0.000248

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	-.00152	.000	1
S1	.00600	.00603	.000	.458	.01997	.000	1
S3	1.2500	1.2224	-.028	-2.20	4.3499	.003	1
S4	2.5000	2.4501	-.050	-2.00	8.7196	.020	1
S5	5.0000	5.0775	.077	1.55	18.072	.017	1

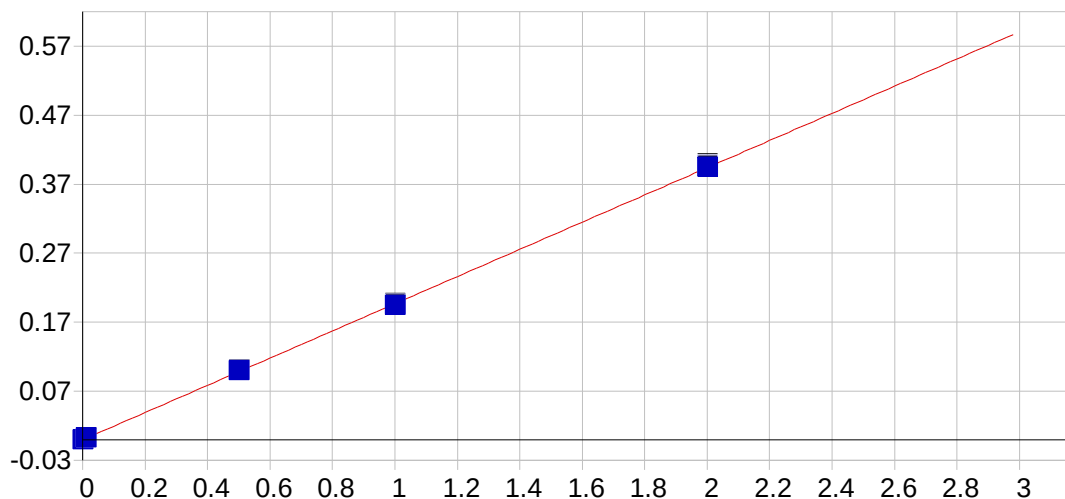


Ca 373.690 { 90}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000605 Re-Slope: 1.000000
 A1 (Gain): 0.036807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.016650
 Predicted MQL: 0.055500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0718	.072	3.59	.07686	.001	1
S0	.00000	-.00009	-.000	.000	.00060	.000	1
S3	12.500	12.629	.129	1.03	.46568	.002	1
S4	25.000	25.071	.071	.285	.92388	.004	1
S5	50.000	49.728	-.272	-.544	1.8319	.011	1



Cr 267.716 {126}

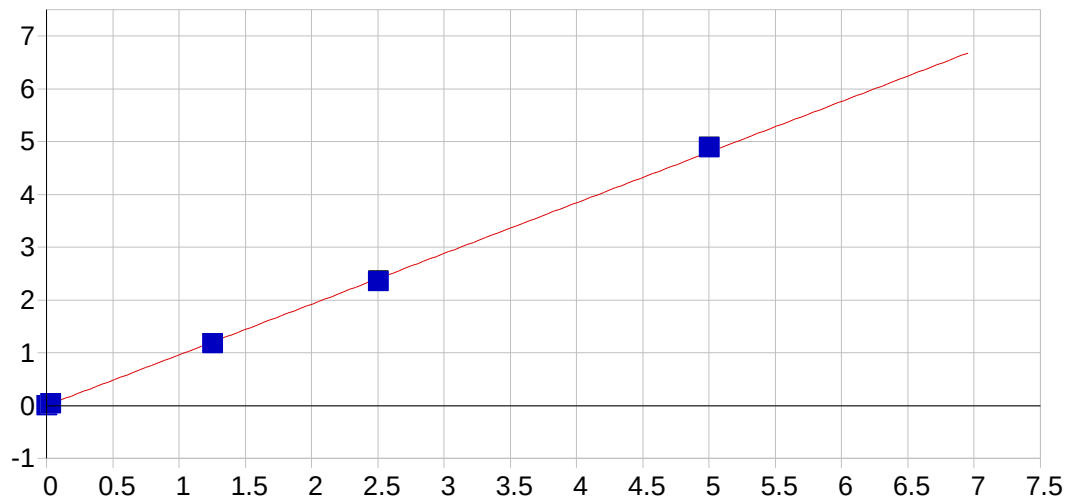
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.197017 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000015
 Predicted MDL: 0.000438
 Predicted MQL: 0.001461

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.01000	.01079	.001	7.92	.00202	.000	1
S3	.50000	.50827	.008	1.65	.10080	.000	1
S4	1.0000	.98807	-.012	-1.19	.19610	.001	1
S5	2.0000	2.0029	.003	.143	.39758	.001	1



Co 228.616 {447}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

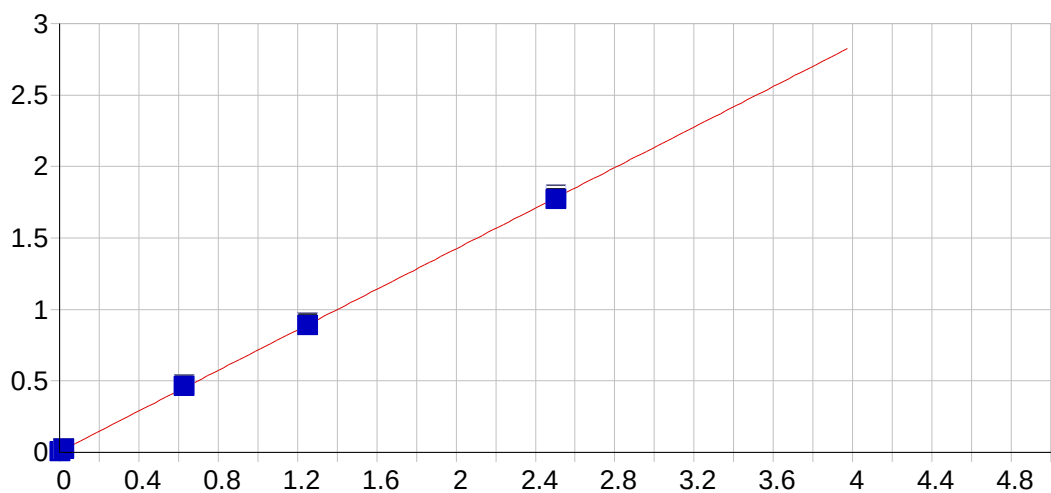
Weighting: 1/Conc

A0 (Offset): -0.000434
 A1 (Gain): 0.960455
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807
 Std Error of Est: 0.000396
 Predicted MDL: 0.000228
 Predicted MQL: 0.000761

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	-.00043	.000	1
S1	.03000	.02949	-.001	-1.71	.02769	.000	1
S3	1.2500	1.2219	-.028	-2.25	1.1740	.001	1
S4	2.5000	2.4431	-.057	-2.27	2.3480	.006	1
S5	5.0000	5.0855	.086	1.71	4.8877	.009	1

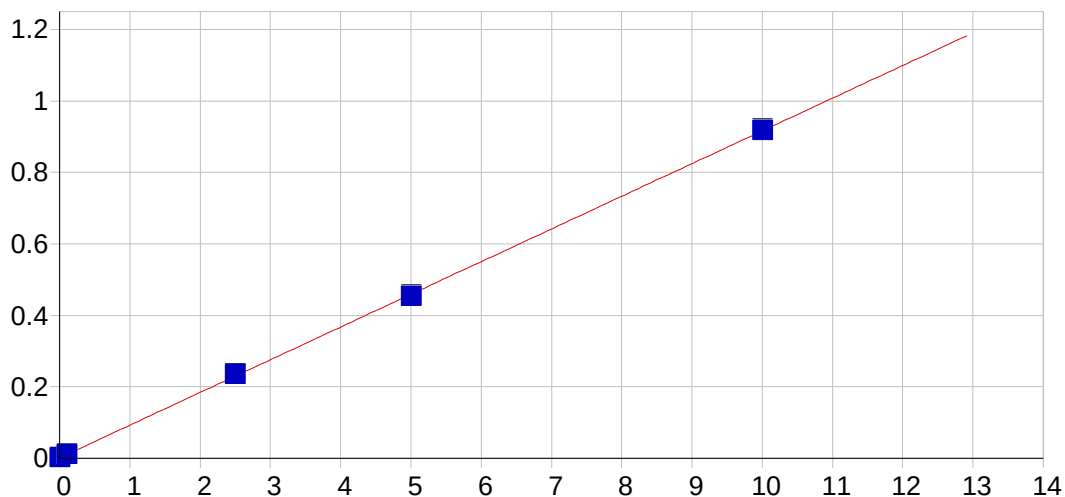


Cu 224.700 {450}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006132 Re-Slope: 1.000000
 A1 (Gain): 0.709301 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000383
 Predicted MQL: 0.001276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00613	.000	1
S1	.02000	.02196	.002	9.78	.02192	.000	1
S3	.62500	.64350	.019	2.96	.46973	.001	1
S4	1.2500	1.2438	-.006	-.492	.90272	.002	1
S5	2.5000	2.4857	-.014	-.572	1.7979	.002	1



Fe 240.488 {140}

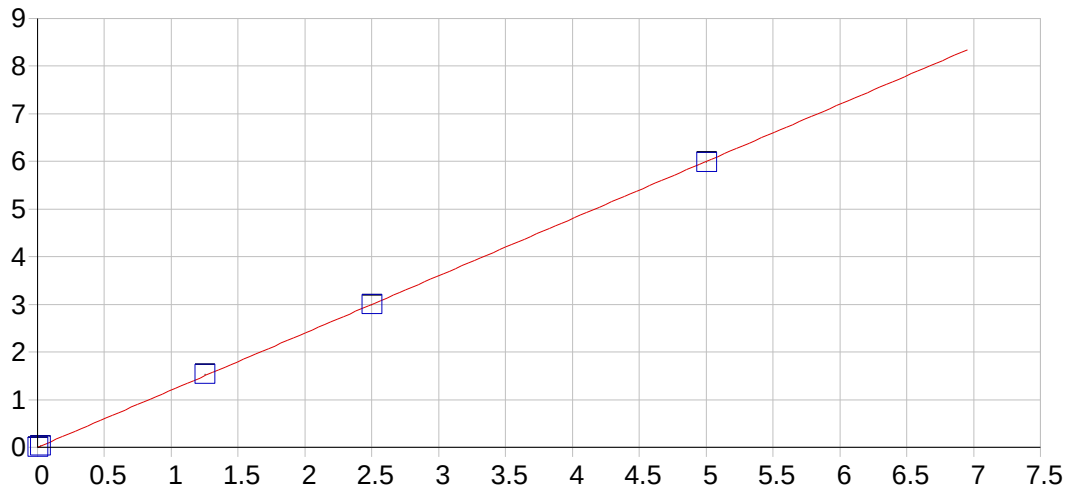
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001357 Re-Slope: 1.000000
 A1 (Gain): 0.091475 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.000063
 Predicted MDL: 0.000742
 Predicted MQL: 0.002474

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00136	.000	1
S1	.10000	.11016	.010	10.2	.01148	.000	1
S3	2.5000	2.5502	.050	2.01	.23549	.000	1
S4	5.0000	4.9356	-.064	-1.29	.45455	.003	1
S5	10.000	10.004	.004	.040	.91989	.002	1



Mn 257.610 {131}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

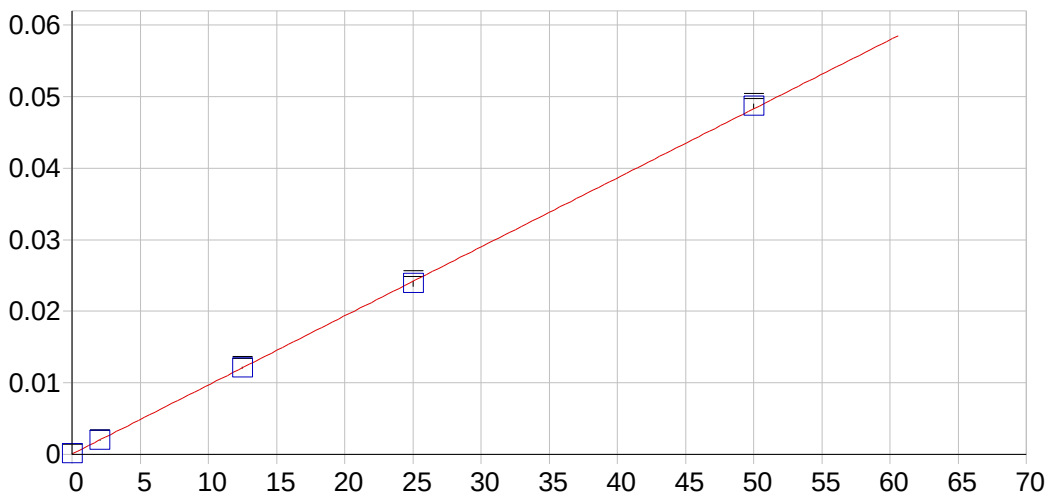
Weighting: 1/Conc

A0 (Offset): 0.000863
 A1 (Gain): 1.199865
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000214
 Predicted MDL: 0.000065
 Predicted MQL: 0.000217

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	.00086	.000	1
S1	.02000	.02294	.003	14.7	.02839	.000	1
S3	1.2500	1.2732	.023	1.86	1.5286	.002	1
S4	2.5000	2.4919	-.008	-.325	2.9908	.004	1
S5	5.0000	4.9819	-.018	-.361	5.9785	.007	1

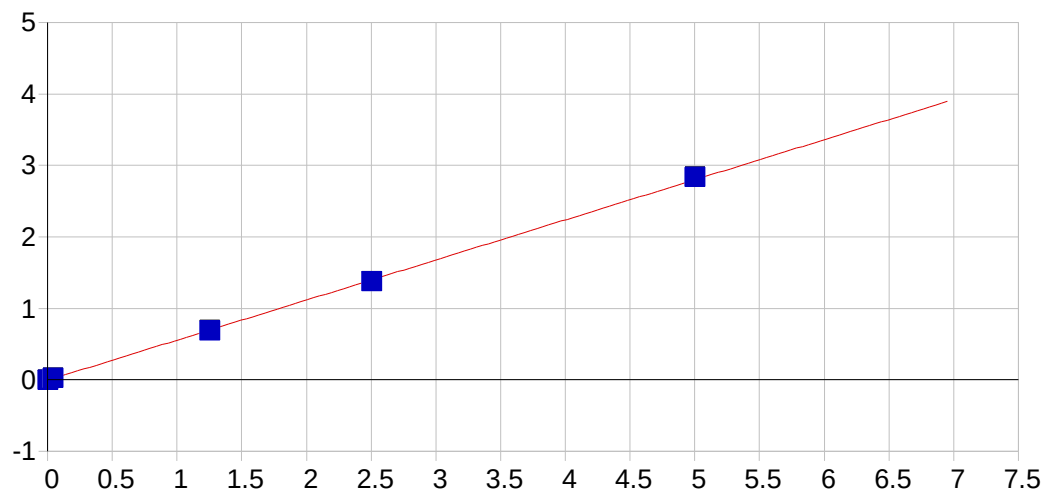


Mg 279.079 {121}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000052 Re-Slope: 1.000000
 A1 (Gain): 0.000965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.036730
 Predicted MQL: 0.122434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0039	.004	.195	.00199	.000	1
S0	.00000	.00001	.000	.000	.00005	.000	1
S3	12.500	12.468	-.032	-.257	.01208	.000	1
S4	25.000	24.678	-.322	-1.29	.02387	.000	1
S5	50.000	50.350	.350	.701	.04864	.000	1



Ni 231.604 {445}

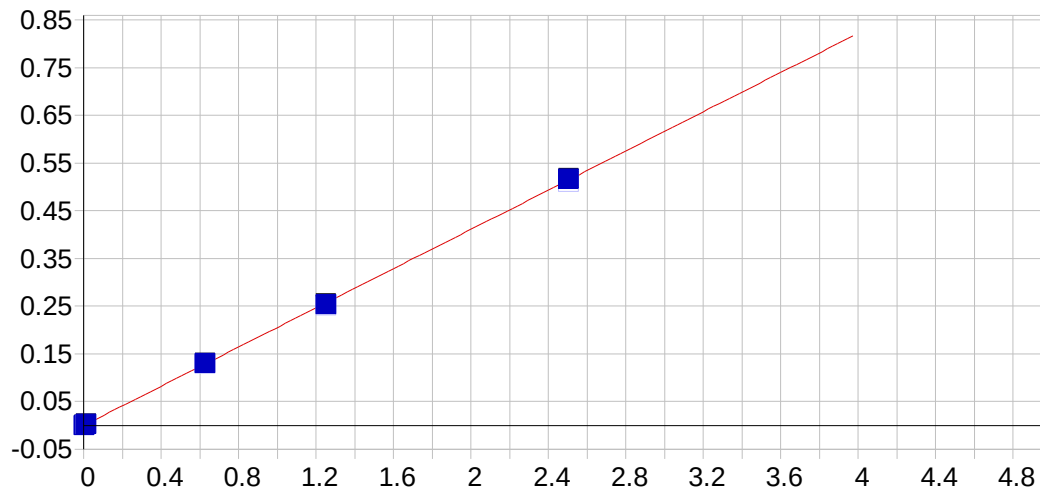
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006214 Re-Slope: 1.000000
 A1 (Gain): 0.561135 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894
 Std Error of Est: 0.000198
 Predicted MDL: 0.000418
 Predicted MQL: 0.001392

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00621	.000	1
S1	.04000	.04092	.001	2.30	.01676	.000	1
S3	1.2500	1.2349	-.015	-1.21	.68748	.001	1
S4	2.5000	2.4525	-.047	-1.90	1.3715	.004	1
S5	5.0000	5.0617	.062	1.23	2.8371	.005	1



Ag 328.068 {103}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

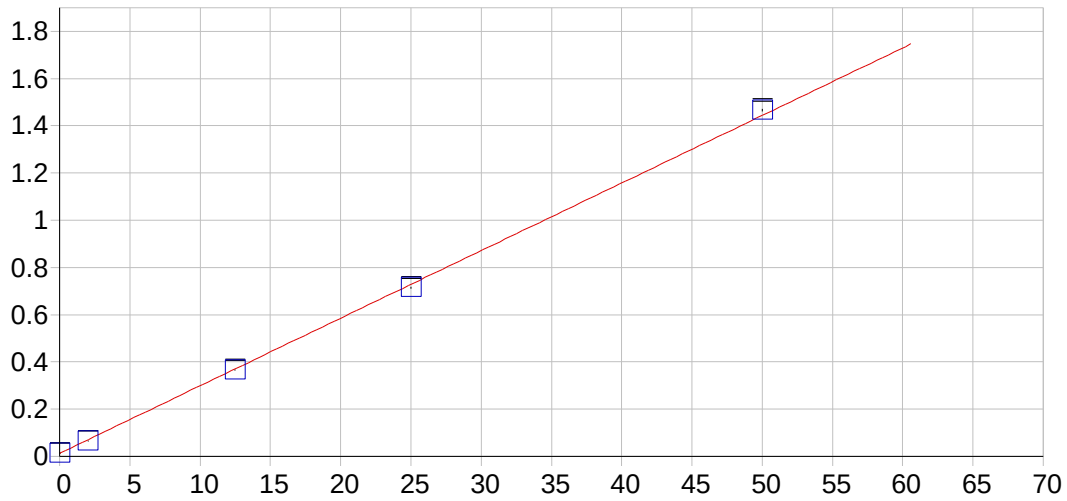
Weighting: 1/Conc

A0 (Offset): -0.000139
 A1 (Gain): 0.205665
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000017
 Predicted MDL: 0.000619
 Predicted MQL: 0.002062

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	-.00014	.000	1
S1	.01000	.01024	.000	2.38	.00193	.000	1
S3	.62500	.63273	.008	1.24	.12853	.000	1
S4	1.2500	1.2321	-.018	-1.43	.25035	.002	1
S5	2.5000	2.5099	.010	.396	.51023	.001	1

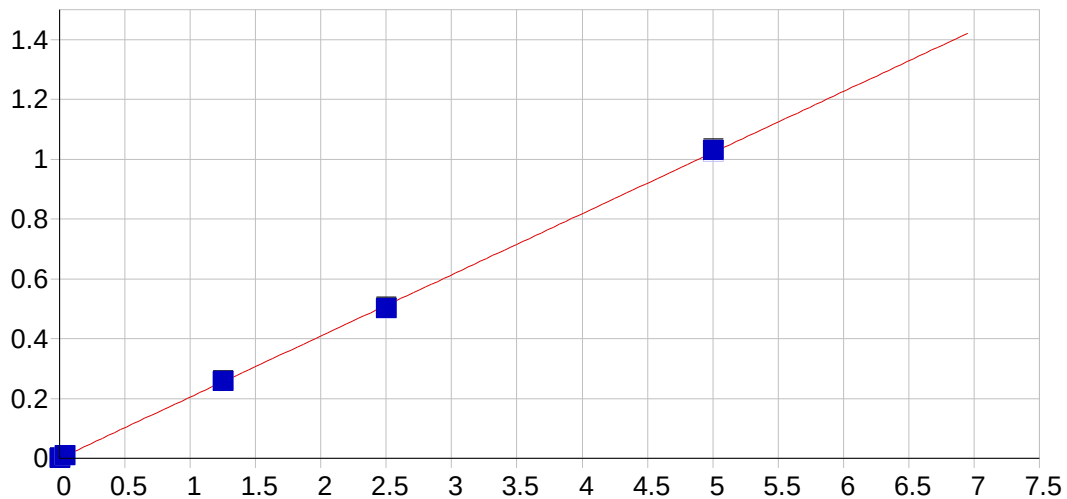


Na 589.592 { 57}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012956 Re-Slope: 1.000000
 A1 (Gain): 0.028617 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000317
 Predicted MDL: 0.009456
 Predicted MQL: 0.031520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8362	-.164	-8.19	.06550	.000	1
S0	.00000	.00020	.000	.000	.01296	.001	1
S3	12.500	12.324	-.176	-1.41	.36563	.002	1
S4	25.000	24.546	-.454	-1.82	.71539	.004	1
S5	50.000	50.794	.794	1.59	1.4665	.004	1



V 292.402 {115}

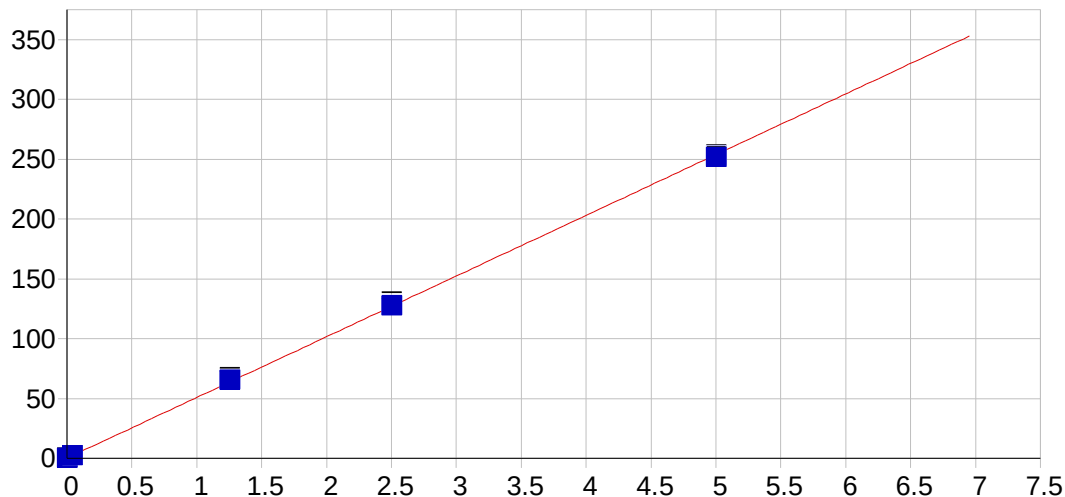
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000252 Re-Slope: 1.000000
 A1 (Gain): 0.204378 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000062
 Predicted MDL: 0.000474
 Predicted MQL: 0.001580

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.04000	.04170	.002	4.26	.00865	.000	1
S3	1.2500	1.2584	.008	.668	.25576	.001	1
S4	2.5000	2.4516	-.048	-1.94	.49796	.003	1
S5	5.0000	5.0384	.038	.768	1.0233	.004	1



Zn 206.200 {163}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

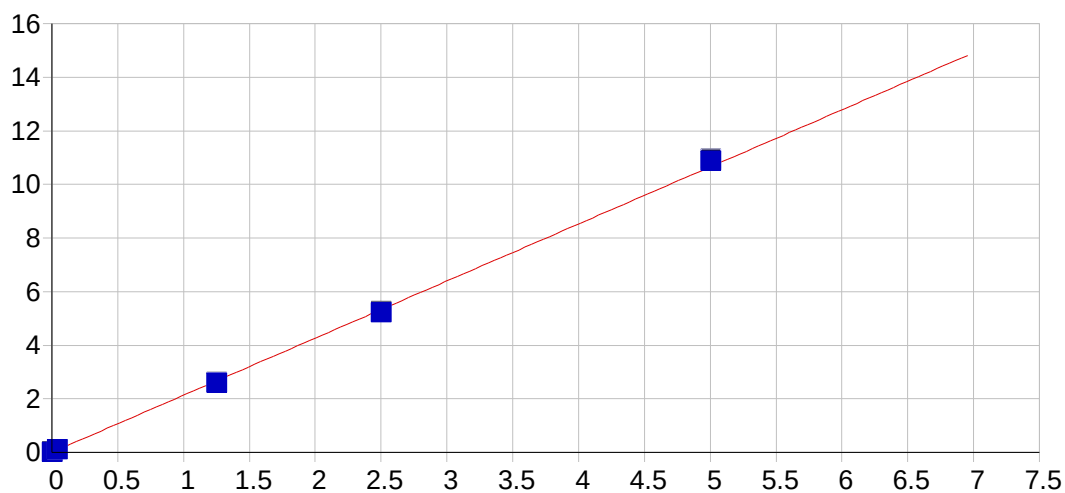
Weighting: 1/Conc

A0 (Offset): 0.121886
 A1 (Gain): 50.742642
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912
 Std Error of Est: 0.016387
 Predicted MDL: 0.000362
 Predicted MQL: 0.001206

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	.12172	.021	1
S1	.04000	.04242	.002	6.04	2.2876	.039	1
S3	1.2500	1.2861	.036	2.89	65.767	1.38	1
S4	2.5000	2.5043	.004	.173	127.96	2.78	1
S5	5.0000	4.9571	-.043	-.857	253.19	.613	1

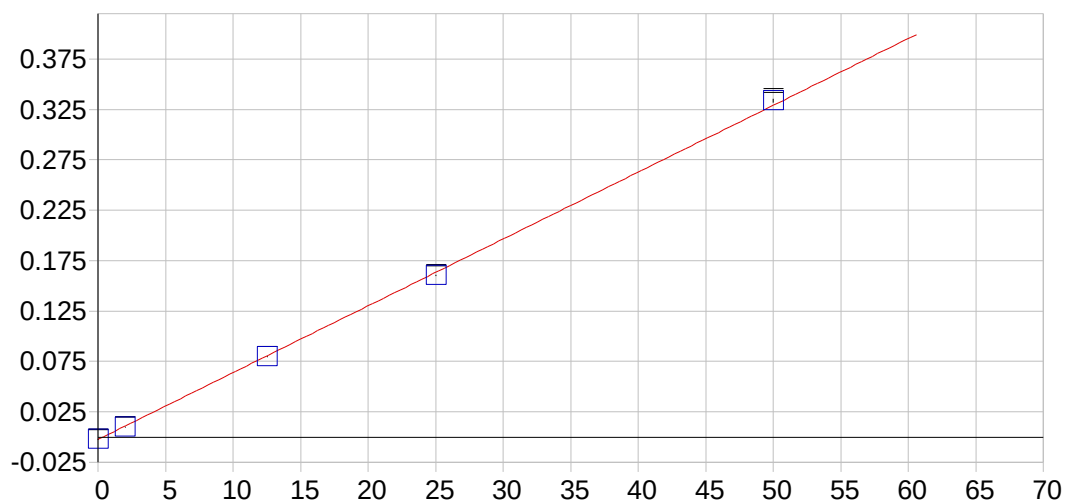


Zn 213.856 {458}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003886 Re-Slope: 1.000000
 A1 (Gain): 2.129949 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743 Status: OK.
 Std Error of Est: 0.001177
 Predicted MDL: 0.000088
 Predicted MQL: 0.000292

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00389	.000	1
S1	.04000	.03897	-.001	-2.58	.08748	.000	1
S3	1.2500	1.2104	-.040	-3.16	2.5991	.003	1
S4	2.5000	2.4418	-.058	-2.33	5.2388	.008	1
S5	5.0000	5.0988	.099	1.98	10.932	.016	1



K 766.490 {44}

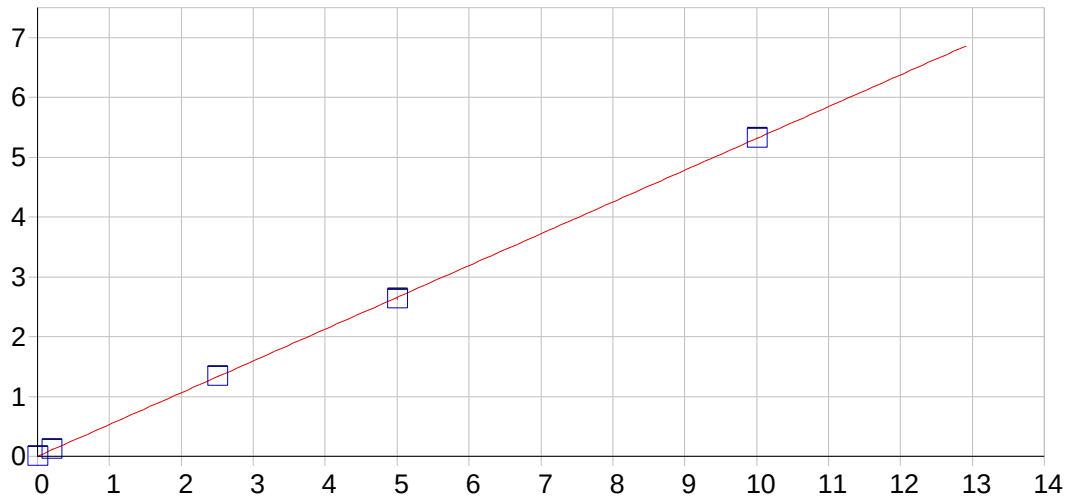
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002344 Re-Slope: 1.000000
 A1 (Gain): 0.006628 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860
 Std Error of Est: 0.000061
 Predicted MDL: 0.041451
 Predicted MQL: 0.138172

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8863	-.114	-5.68	.01016	.000	1
S0	.00000	.00014	.000	.000	-.00234	.000	1
S3	12.500	12.382	-.118	-.945	.07972	.000	1
S4	25.000	24.548	-.452	-1.81	.16036	.001	1
S5	50.000	50.684	.684	1.37	.33359	.002	1



Mo 202.030 {467}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

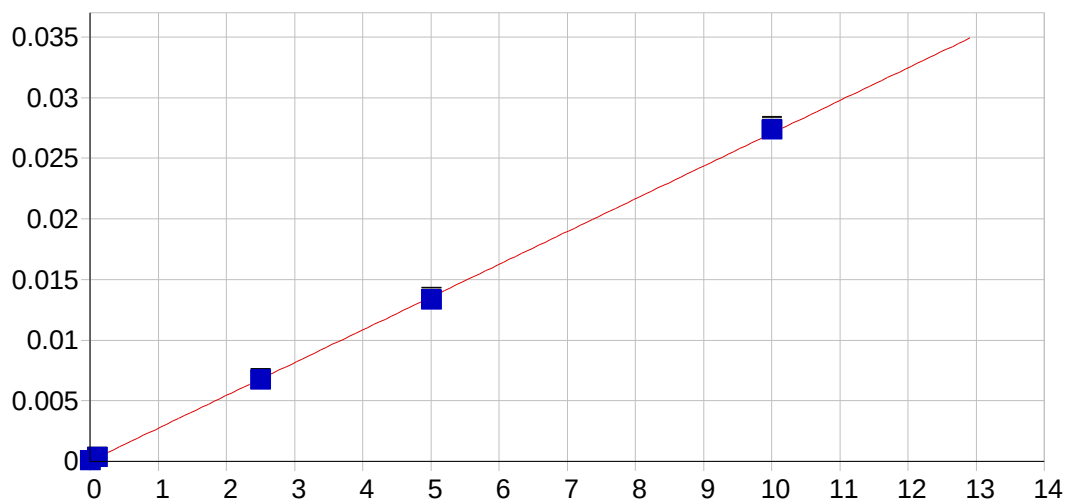
Weighting: 1/Conc

A0 (Offset): 0.000334
 A1 (Gain): 0.531355
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000443
 Predicted MDL: 0.000284
 Predicted MQL: 0.000945

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	.00032	.000	1
S1	.20000	.21695	.017	8.48	.11561	.001	1
S3	2.5000	2.5186	.019	.745	1.3386	.003	1
S4	5.0000	4.9506	-.049	-.987	2.6309	.011	1
S5	10.000	10.014	.014	.138	5.3212	.008	1

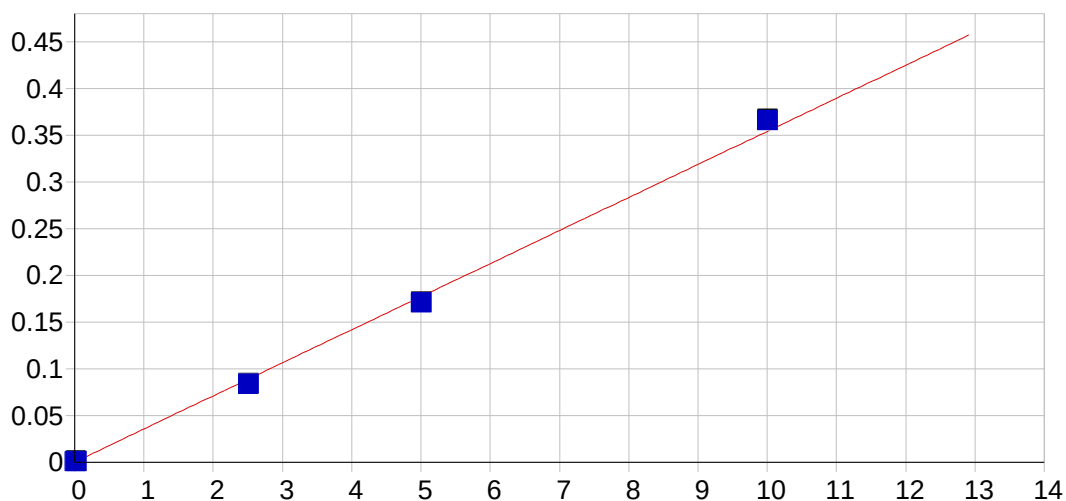


B 249.678 {135}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000033 Re-Slope: 1.000000
 A1 (Gain): 0.002702 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.010522
 Predicted MQL: 0.035073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.10000	.09969	-.000	-.313	.00030	.000	1
S3	2.5000	2.4771	-.023	-.914	.00671	.000	1
S4	5.0000	4.9197	-.080	-1.61	.01329	.000	1
S5	10.000	10.103	.103	1.03	.02727	.000	1



S 182.034 {485}

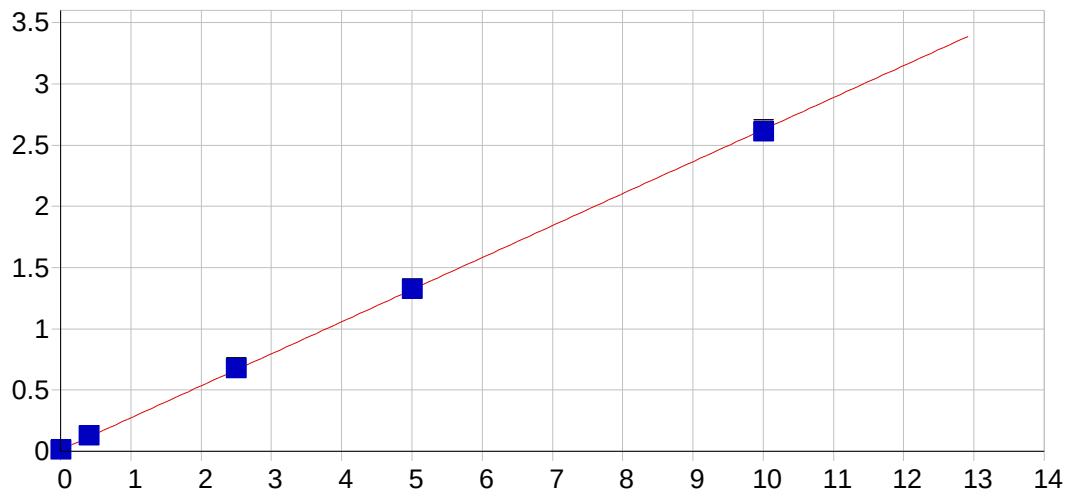
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000344 Re-Slope: 1.000000
 A1 (Gain): 0.035405 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999263
 Std Error of Est: 0.000033
 Predicted MDL: 0.002918
 Predicted MQL: 0.009728

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.02000	.01905	-.001	-4.73	.00100	.000	1
S3	2.5000	2.3543	-.146	-5.83	.08360	.000	1
S4	5.0000	4.8193	-.181	-3.61	.17077	.000	1
S5	10.000	10.327	.327	3.27	.36559	.001	1



Si 288.158 {117}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

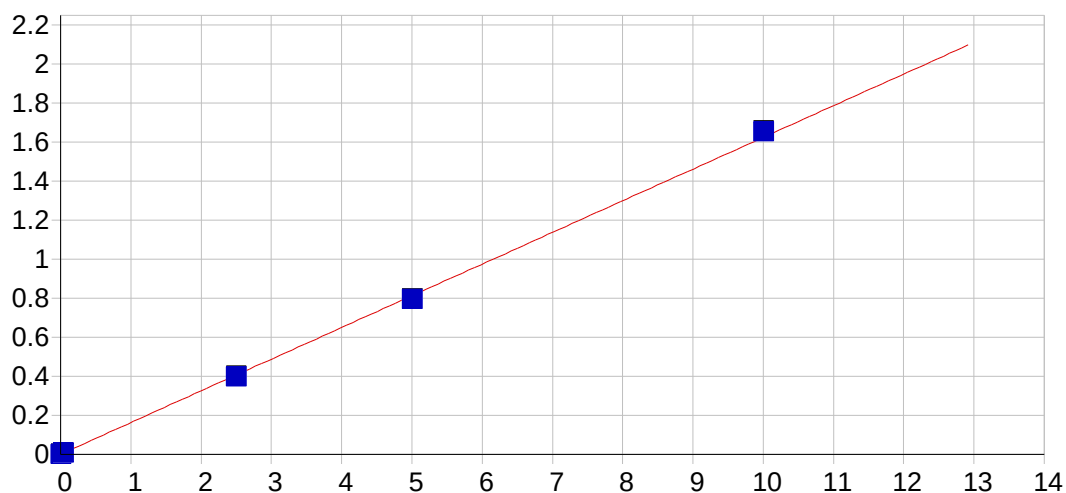
Weighting: 1/Conc

A0 (Offset): 0.012634
 A1 (Gain): 0.261337
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000375
 Predicted MDL: 0.002752
 Predicted MQL: 0.009172

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01263	.000	1
S1	.40000	.42898	.029	7.24	.12465	.002	1
S3	2.5000	2.5347	.035	1.39	.67470	.003	1
S4	5.0000	5.0065	.007	.131	1.3203	.006	1
S5	10.000	9.9298	-.070	-.702	2.6063	.014	1

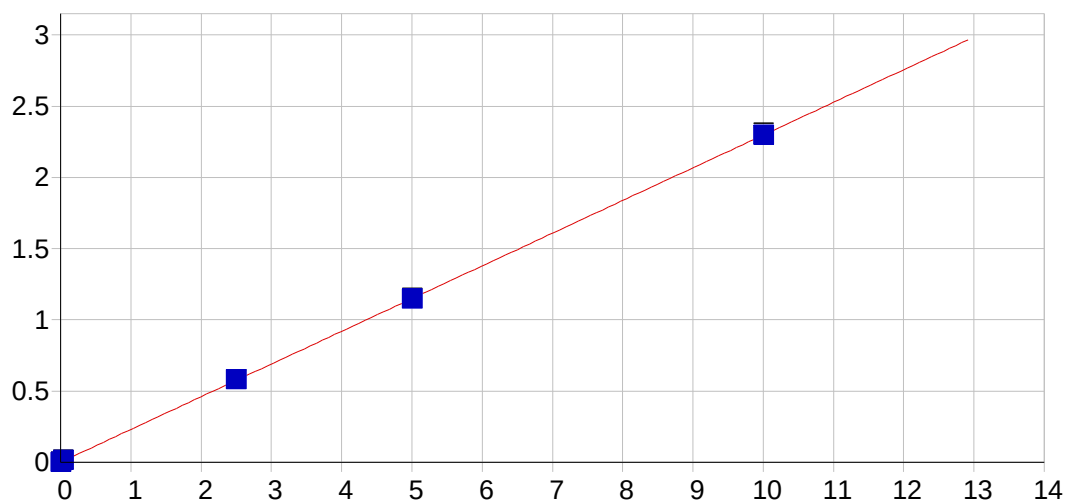


Sn 189.989 {477}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001001 Re-Slope: 1.000000
 A1 (Gain): 0.162355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.000665
 Predicted MQL: 0.002216

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00100	.000	1
S1	.04000	.03920	-.001	-2.00	.00736	.000	1
S3	2.5000	2.4463	-.054	-2.15	.39823	.001	1
S4	5.0000	4.8870	-.113	-2.26	.79456	.002	1
S5	10.000	10.168	.168	1.68	1.6520	.004	1



Ti 336.121 {100}

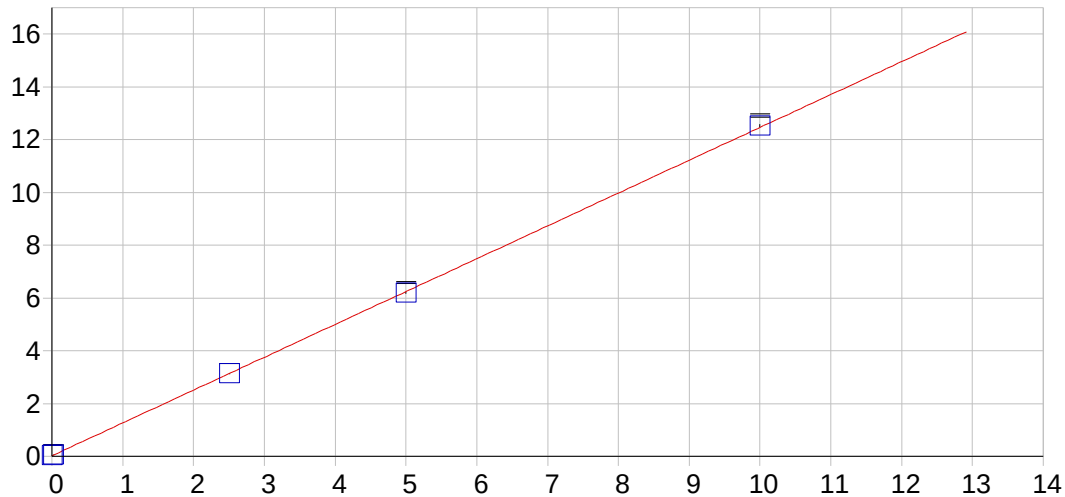
Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001264 Re-Slope: 1.000000
 A1 (Gain): 0.229597 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000051
 Predicted MDL: 0.001935
 Predicted MQL: 0.006451

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00126	.000	1
S1	.04000	.04498	.005	12.4	.01159	.000	1
S3	2.5000	2.5155	.015	.619	.57873	.002	1
S4	5.0000	4.9918	-.008	-.165	1.1472	.002	1
S5	10.000	9.9878	-.012	-.122	2.2941	.015	1



Li 670.784 { 50}

Date of Fit: 4/2/2019 14:18:18

Type of Fit: Linear

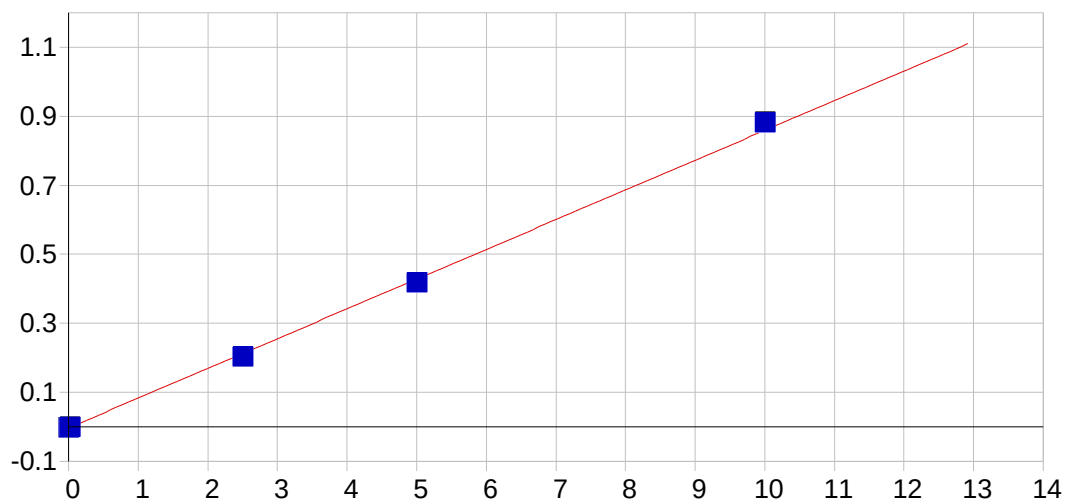
Weighting: 1/Conc

A0 (Offset): 0.020812
 A1 (Gain): 1.244292
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000182
 Predicted MDL: 0.001751
 Predicted MQL: 0.005836

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	.02081	.001	1
S1	.02000	.01879	-.001	-6.04	.04420	.002	1
S3	2.5000	2.4951	-.005	-.195	3.1255	.003	1
S4	5.0000	4.9589	-.041	-.822	6.1911	.041	1
S5	10.000	10.047	.047	.472	12.522	.058	1

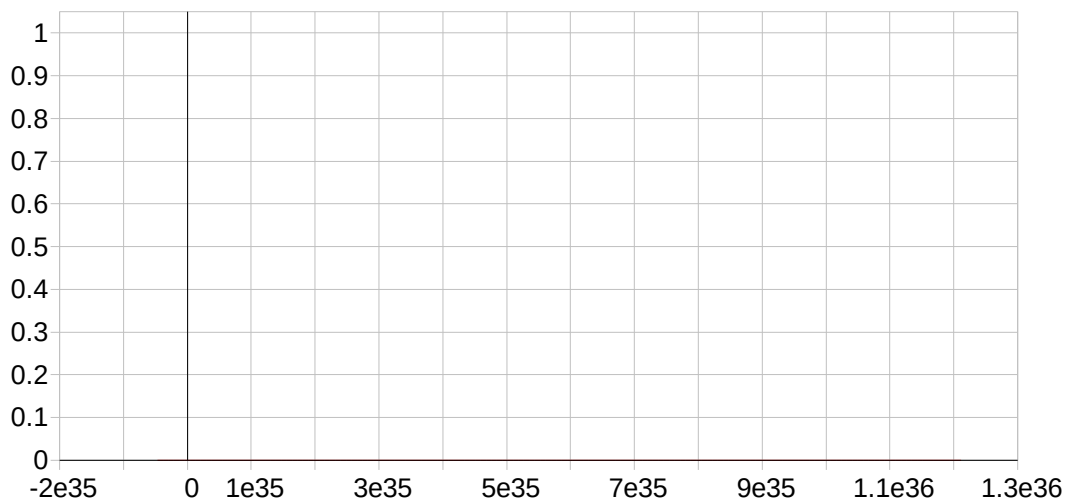


P 177.495 {490}

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002963 Re-Slope: 1.000000
 A1 (Gain): 0.086194 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999535 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001413
 Predicted MQL: 0.004709

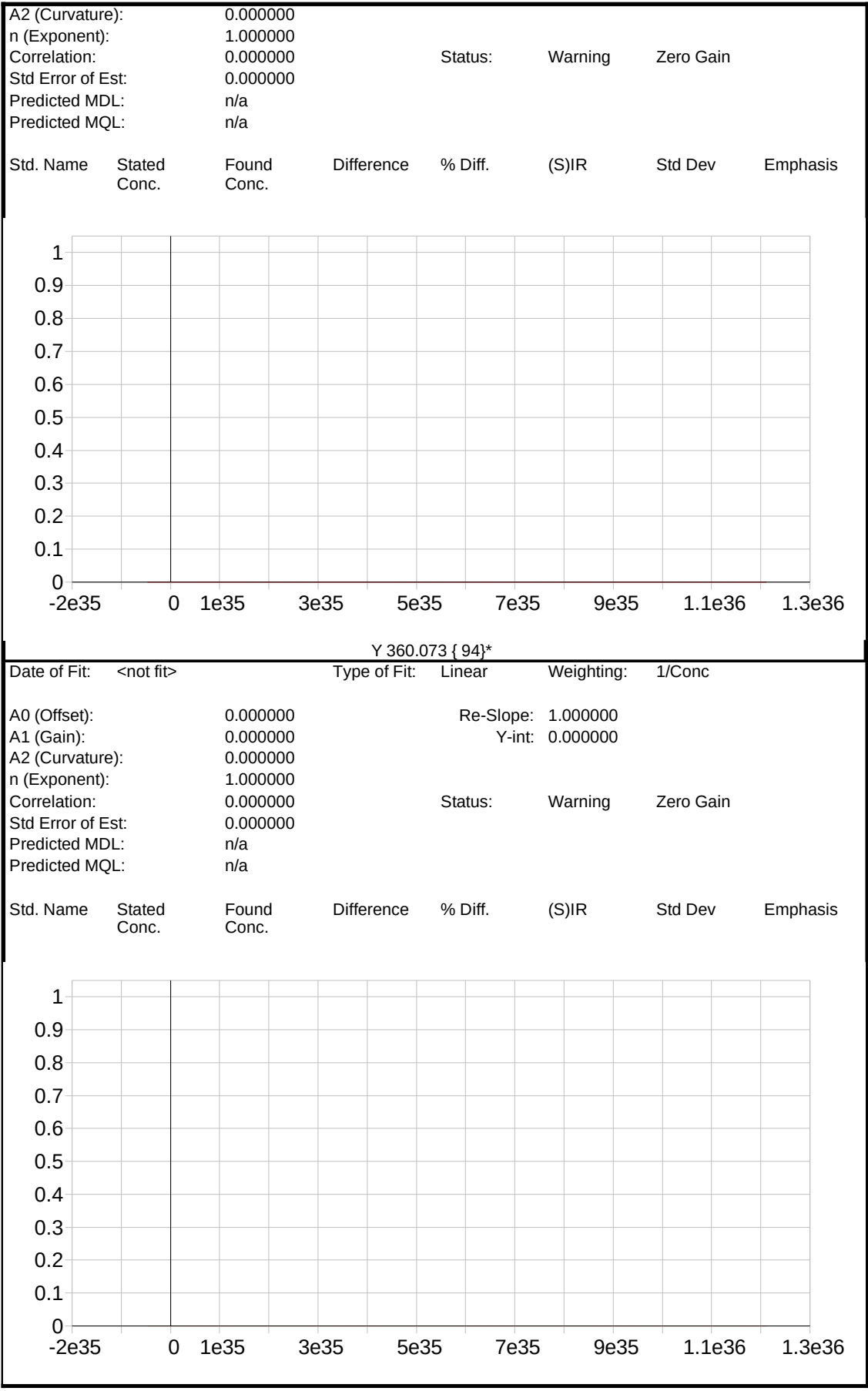
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00296	.000	1
S1	.02000	.01837	-.002	-8.13	-.00139	.000	1
S3	2.5000	2.3781	-.122	-4.88	.20170	.001	1
S4	5.0000	4.8663	-.134	-2.67	.41586	.001	1
S5	10.000	10.257	.257	2.57	.87990	.002	1

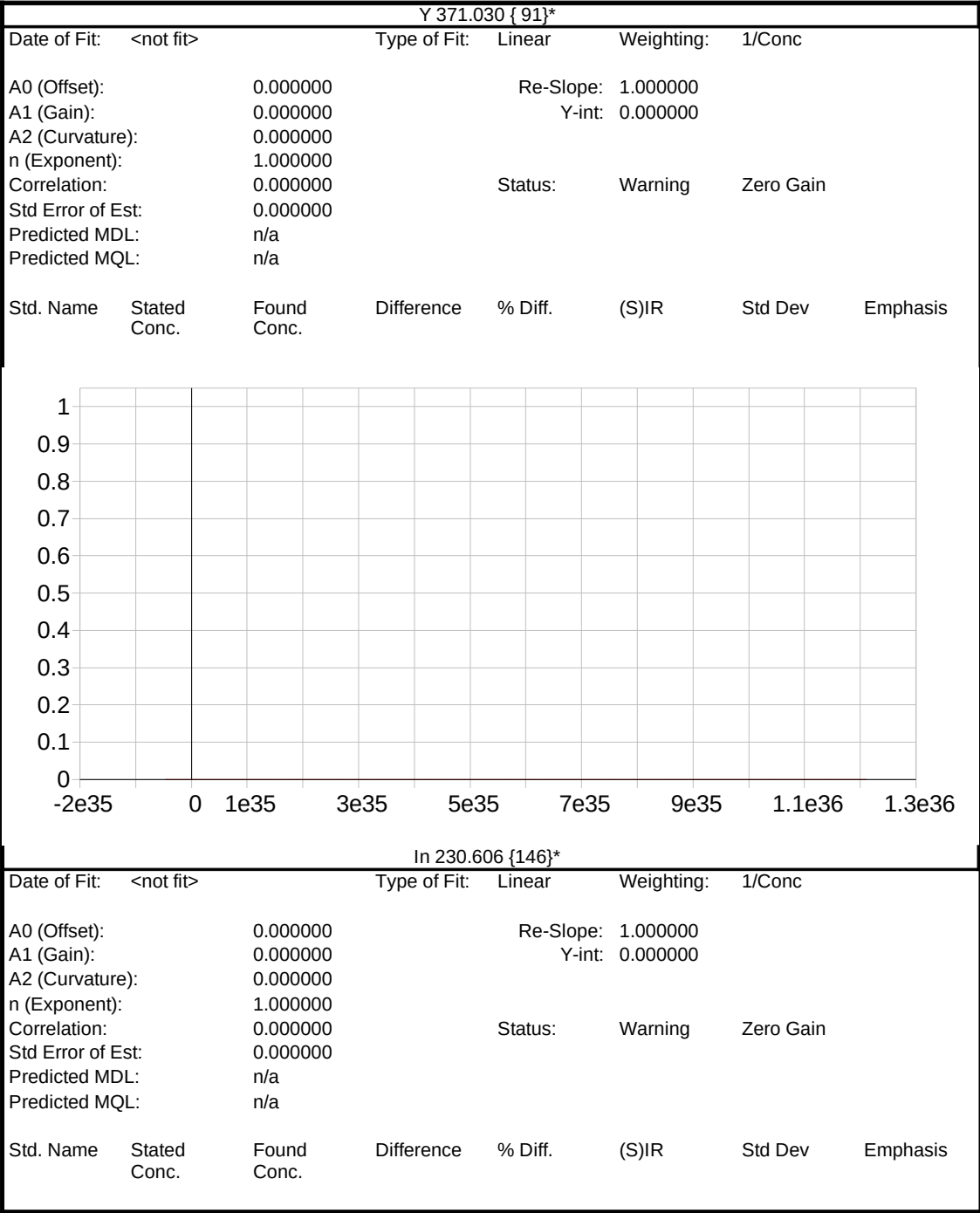


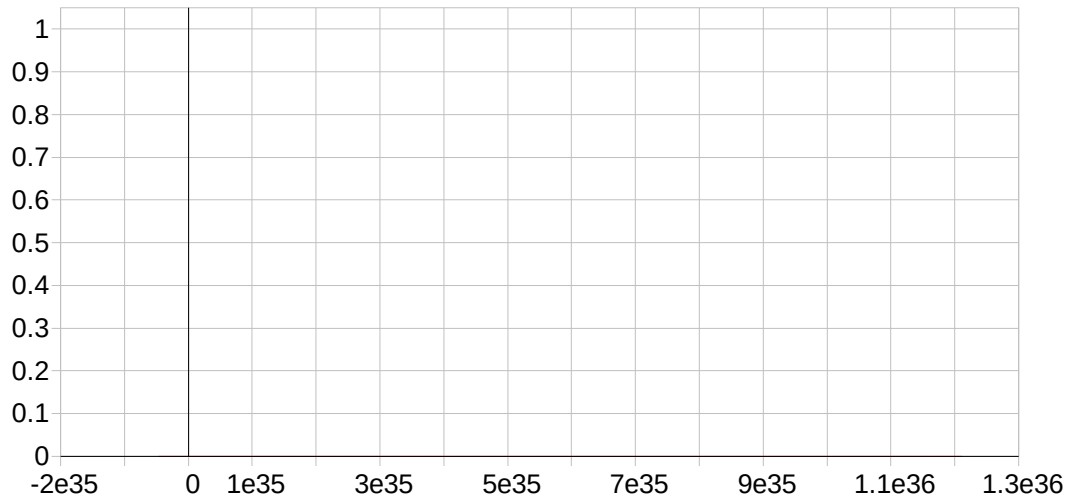
Y 224.306 {450}*

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

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







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

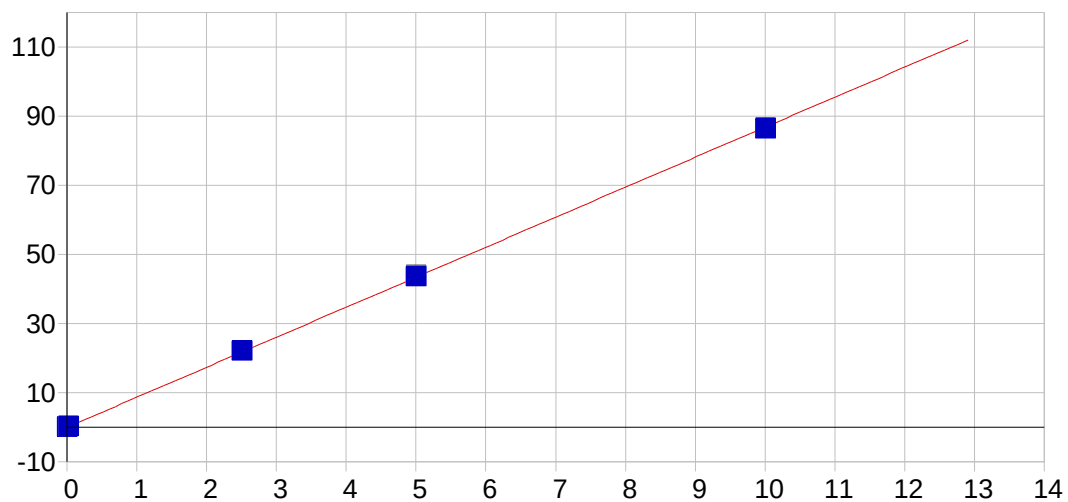
Status: Warning Zero Gain

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: 4/2/2019 14:18:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006751

Re-Slope: 1.000000

A1 (Gain): 8.681593

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

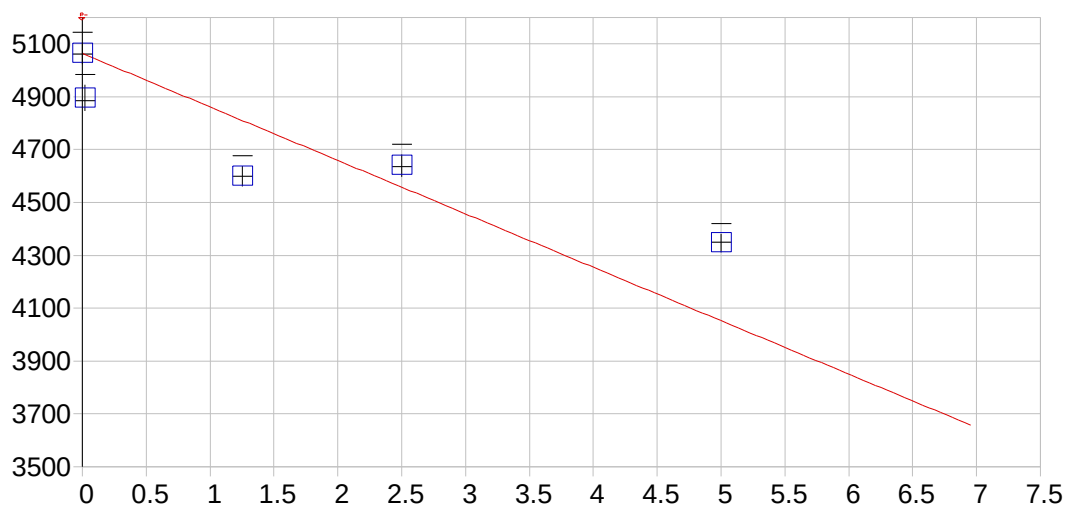
Status: OK.

Std Error of Est: 0.001688

Predicted MDL: 0.000101

Predicted MQL: 0.000336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00677	.000	1
S1	.02000	.02152	.002	7.59	.18102	.001	1
S3	2.5000	2.5365	.036	1.46	22.038	.033	1
S4	5.0000	5.0234	.023	.469	43.652	.233	1
S5	10.000	9.9386	-.061	-.614	86.371	.172	1

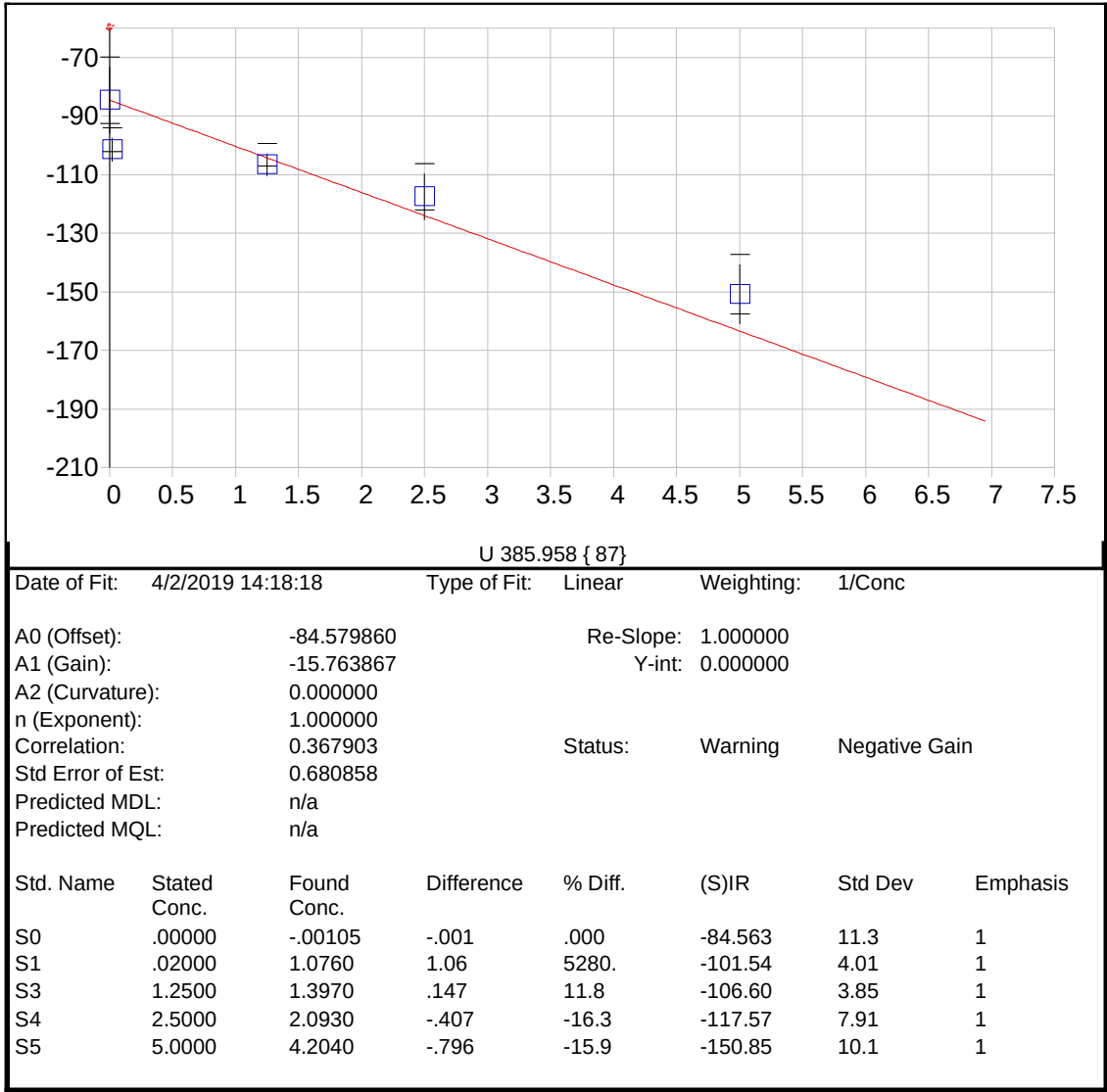


U 367.007 { 92 }

Date of Fit: 4/2/2019 14:18:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5063.656468 Re-Slope: 1.000000
A1 (Gain): -202.187774 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.451935 Status: Warning Negative Gain
Std Error of Est: 6.819875
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00082	-.001	.000	5063.8	40.8	1
S1	.02000	.82958	.810	4050.	4895.9	50.5	1
S3	1.2500	2.2961	1.05	83.7	4599.4	38.0	1
S4	2.5000	2.0974	-.403	-16.1	4639.6	43.2	1
S5	5.0000	3.5469	-1.45	-29.1	4346.5	34.7	1



Sample Name: S0 Acquired: 4/2/2019 11:39:13 Type: Cal
 Method: P4-ICP2(v3012) 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	-.00002	.00016	.00203	-.00011	.00017	.00038	-.00162	.00009
Stddev	.00005	.00009	.00020	.00011	.00007	.00006	.00021	.00002
%RSD	292.37	52.061	9.8195	99.067	42.878	16.454	12.884	23.867

#1	.00002	.00007	.00226	.00000	.00010	.00035	-.00154	.00012
#2	-.00007	.00024	.00190	-.00011	.00024	.00046	-.00186	.00009
#3	-.00000	.00017	.00193	-.00021	.00017	.00035	-.00146	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00152	.00060	-.00011	-.00043	.00613	.00136	.00086	.00005
Stddev	.00031	.00035	.00004	.00013	.00019	.00005	.00004	.00003
%RSD	20.366	57.599	33.047	29.383	3.0697	3.7081	4.3513	60.728

#1	-.00138	.00093	-.00015	-.00052	.00634	.00132	.00084	.00004
#2	-.00131	.00063	-.00011	-.00049	.00597	.00141	.00084	.00003
#3	-.00188	.00024	-.00008	-.00029	.00609	.00134	.00090	.00009

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	-.00621	-.00014	.01296	.00025	.00389	-.00234	.00032	.00003
Stddev	.00008	.00007	.00073	.00003	.00012	.00027	.00002	.00002
%RSD	1.2113	52.186	5.6182	11.831	3.2119	11.428	5.0443	59.935

#1	-.00624	-.00007	.01379	.00024	.00402	-.00251	.00032	.00005
#2	-.00627	-.00013	.01267	.00028	.00377	-.00203	.00034	.00004
#3	-.00613	-.00022	.01242	.00023	.00389	-.00249	.00031	.00001

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	.00034	.01263	.00100	.00126	.02081	-.0030	-.00677	5063.8
Stddev	.00008	.00008	.00020	.00032	.00107	.0001	.00025	40.8
%RSD	23.965	.59485	19.765	25.415	5.1332	3.116	3.6334	.80489

#1	.00031	.01269	.00123	.00105	.02144	-.0030	-.00703	5100.9
#2	.00029	.01264	.00086	.00163	.02142	-.0030	-.00673	5070.4
#3	.00044	.01254	.00092	.00110	.01958	-.0029	-.00654	5020.2

Sample Name: S0 Acquired: 4/2/2019 11:39:13 Type: Cal
Method: P4-ICP2(v3012) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-84.563
Stddev	11.348
%RSD	13.420

#1	-73.037
#2	-84.928
#3	-95.725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4483.2	49553.	6123.4	86.739	4681.4
Stddev	21.1	196.	47.4	3.260	5.6
%RSD	.47127	.39632	.77355	3.7578	.11991

#1	4459.1	49650.	6149.4	89.317	4675.0
#2	4498.5	49682.	6152.1	87.825	4685.5
#3	4492.0	49327.	6068.7	83.075	4683.6

Sample Name: S1 Acquired: 4/2/2019 11:43:40 Type: Cal
Method: P4-ICP2(v3012) 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	.00098	.00613	.00506	.00096	.00605	.00135	.04926	.00618
Stddev	.00010	.00008	.00030	.00003	.00002	.00007	.00039	.00005
%RSD	9.7394	1.3205	5.8554	3.5202	.27946	5.5096	.79935	.76018

#1	.00104	.00622	.00502	.00092	.00605	.00142	.04895	.00618
#2	.00102	.00607	.00537	.00097	.00603	.00134	.04914	.00613
#3	.00087	.00609	.00478	.00098	.00607	.00128	.04970	.00622

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	.01997	.00202	.02769	.02192	.01148	.02839	.01676	.00193
Stddev	.00009	.00002	.00018	.00024	.00013	.00017	.00017	.00004
%RSD	.42573	1.1020	.64657	1.1036	1.1040	.60638	1.0359	1.9331

#1	.02006	.00201	.02753	.02169	.01160	.02859	.01659	.00196
#2	.01990	.00205	.02766	.02217	.01135	.02827	.01675	.00192
#3	.01995	.00201	.02788	.02191	.01149	.02831	.01694	.00189

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	.00865	.08748	.11561	.00030	.00100	.12465	.00736	.01159
Stddev	.00003	.00046	.00052	.00003	.00003	.00158	.00007	.00026
%RSD	.30481	.52490	.45046	9.5798	3.0280	1.2671	.99310	2.2203

#1	.00865	.08794	.11618	.00028	.00103	.12620	.00742	.01148
#2	.00867	.08748	.11515	.00029	.00099	.12471	.00740	.01140
#3	.00862	.08702	.11551	.00033	.00097	.12305	.00728	.01188

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04420	-.0014	.18102	4895.9	-101.54
Stddev	.00159	.0001	.00086	50.5	4.01
%RSD	3.5921	7.372	.47386	1.0307	3.9471

#1	.04301	-.0015	.18179	4887.7	-96.942
#2	.04357	-.0014	.18009	4950.0	-103.40
#3	.04600	-.0013	.18117	4850.1	-104.28

Sample Name: S1 Acquired: 4/2/2019 11:43:40 Type: Cal
Method: P4-ICP2(v3012) 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	4450.0	48780.	6131.3	84.139	4615.8
Stddev	7.2	202.	34.8	1.289	7.1
%RSD	.16244	.41478	.56792	1.5316	.15307
#1	4441.7	48679.	6092.3	82.658	4607.9
#2	4453.1	49013.	6142.5	84.750	4621.5
#3	4455.2	48648.	6159.2	85.008	4617.9

Sample Name: S2 Acquired: 4/2/2019 11:48:06 Type: Cal
Method: P4-ICP2(v3012) 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	.07686	.00199	.06550	.01016
Stddev	.00071	.00003	.00027	.00007
%RSD	.92193	1.3274	.41891	.65030

#1	.07649	.00197	.06555	.01010
#2	.07768	.00202	.06575	.01014
#3	.07642	.00198	.06521	.01023

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	48627.	6142.7
Stddev	212.	9.7
%RSD	.43608	.15718

#1	48859.	6145.5
#2	48443.	6132.0
#3	48579.	6150.7

Sample Name: S3 Acquired: 4/2/2019 11:52:21 Type: Cal
Method: P4-ICP2(v3012) 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	.11674	.38070	.64094	.13673	.28110	.04190	2.3743	.11551
Stddev	.00039	.00116	.00083	.00037	.00123	.00005	.0090	.00022
%RSD	.33733	.30490	.12947	.27063	.43609	.12771	.37838	.19006
#1	.11687	.37960	.64016	.13631	.28200	.04195	2.3643	.11551
#2	.11705	.38058	.64083	.13687	.28160	.04184	2.3769	.11572
#3	.11630	.38191	.64181	.13700	.27970	.04191	2.3817	.11529
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	4.3499	.46568	.10080	1.1740	.46973	.23549	1.5286	.01208
Stddev	.0027	.00230	.00011	.0011	.00119	.00047	.0017	.00014
%RSD	.06137	.49436	.10643	.09203	.25271	.19846	.11321	1.1255
#1	4.3471	.46355	.10088	1.1744	.47070	.23536	1.5268	.01193
#2	4.3499	.46536	.10084	1.1728	.47009	.23601	1.5302	.01213
#3	4.3525	.46812	.10068	1.1749	.46841	.23510	1.5288	.01219
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	.68748	.12853	.36563	.25576	2.5991	.07972	1.3386	.00671
Stddev	.00133	.00033	.00169	.00081	.0034	.00020	.0033	.00006
%RSD	.19364	.25349	.46192	.31735	.13151	.24688	.24760	.87530
#1	.68868	.12816	.36394	.25609	2.5980	.07986	1.3378	.00678
#2	.68772	.12874	.36565	.25636	2.5963	.07950	1.3423	.00668
#3	.68605	.12871	.36731	.25484	2.6029	.07981	1.3358	.00667
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	.08360	.67470	.39823	.57873	3.1255	.2017	22.038	4599.4
Stddev	.00046	.00252	.00084	.00214	.0030	.0008	.033	38.0
%RSD	.55351	.37397	.21133	.36905	.09664	.3809	.15016	.82663
#1	.08387	.67696	.39863	.57631	3.1236	.2023	22.002	4585.1
#2	.08307	.67516	.39727	.57955	3.1290	.2008	22.067	4570.6
#3	.08387	.67198	.39880	.58034	3.1239	.2020	22.045	4642.5

Sample Name: S3 Acquired: 4/2/2019 11:52:21 Type: Cal
Method: P4-ICP2(v3012) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-106.60
Stddev	3.85
%RSD	3.6096

#1	-102.20
#2	-108.31
#3	-109.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4398.5	47978.	6193.6	81.964	4378.7
Stddev	6.6	101.	12.8	1.511	3.9
%RSD	.15008	.21093	.20635	1.8429	.09002

#1	4396.4	48062.	6196.3	83.707	4376.6
#2	4393.2	47866.	6179.7	81.140	4383.3
#3	4405.9	48005.	6204.9	81.044	4376.3

Sample Name: S4 Acquired: 4/2/2019 11:56:20 Type: Cal
Method: P4-ICP2(v3012) 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	.23174	.75924	1.2721	.27084	.55392	.08264	4.6753	.22782
Stddev	.00107	.00186	.0032	.00137	.00122	.00064	.0335	.00020
%RSD	.46359	.24478	.25512	.50588	.22004	.77636	.71538	.08772
#1	.23127	.76080	1.2705	.27059	.55328	.08201	4.6721	.22780
#2	.23098	.75974	1.2698	.26961	.55316	.08262	4.6436	.22763
#3	.23297	.75719	1.2758	.27232	.55533	.08329	4.7103	.22802
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	8.7196	.92388	.19610	2.3480	.90272	.45455	2.9908	.02387
Stddev	.0196	.00399	.00120	.0055	.00214	.00287	.0043	.00038
%RSD	.22425	.43145	.61339	.23521	.23656	.63077	.14449	1.5958
#1	8.7063	.92533	.19481	2.3436	.90239	.45145	2.9878	.02351
#2	8.7104	.91938	.19630	2.3461	.90077	.45512	2.9888	.02382
#3	8.7421	.92694	.19719	2.3542	.90500	.45710	2.9957	.02427
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	1.3715	.25035	.71539	.49796	5.2388	.16036	2.6309	.01329
Stddev	.0036	.00153	.00391	.00314	.0076	.00078	.0110	.00019
%RSD	.26192	.61295	.54655	.63063	.14570	.48784	.41607	1.4350
#1	1.3688	.24858	.71127	.49450	5.2357	.15946	2.6279	.01311
#2	1.3702	.25123	.71585	.49875	5.2332	.16089	2.6217	.01329
#3	1.3756	.25124	.71905	.50063	5.2475	.16073	2.6430	.01349
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	.17077	1.3203	.79456	1.1472	6.1911	.4159	43.652	4639.6
Stddev	.00032	.0056	.00217	.0024	.0412	.0008	.233	43.2
%RSD	.18512	.42451	.27327	.21337	.66565	.1968	.53312	.93106
#1	.17094	1.3230	.79333	1.1455	6.2086	.4157	43.853	4686.7
#2	.17041	1.3241	.79329	1.1500	6.2207	.4151	43.706	4630.1
#3	.17097	1.3139	.79707	1.1461	6.1440	.4167	43.397	4601.9

Sample Name: S4 Acquired: 4/2/2019 11:56:20 Type: Cal
 Method: P4-ICP2(v3012) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-117.57
Stddev	7.91
%RSD	6.7262

#1	-119.66
#2	-108.83
#3	-124.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4372.0	47984.	6176.2	81.819	4238.8
Stddev	12.6	216.	31.6	1.821	6.4
%RSD	.28775	.45053	.51228	2.2256	.15118

#1	4371.8	48223.	6160.3	80.307	4238.3
#2	4384.7	47924.	6155.7	83.841	4245.4
#3	4359.6	47803.	6212.7	81.310	4232.6

Sample Name: S5 Acquired: 4/2/2019 12:00:21 Type: Cal
Method: P4-ICP2(v3012) 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	.47421	1.5443	2.6266	.55073	1.1275	.16959	9.5165	.46179
Stddev	.00023	.0047	.0043	.00014	.0020	.00071	.1343	.00062
%RSD	.04775	.30220	.16314	.02477	.18068	.42074	1.4107	.13330
#1	.47417	1.5453	2.6268	.55071	1.1276	.16888	9.4497	.46129
#2	.47445	1.5392	2.6222	.55060	1.1295	.17031	9.6711	.46248
#3	.47401	1.5484	2.6307	.55087	1.1254	.16959	9.4287	.46161
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	18.072	1.8319	.39758	4.8877	1.7979	.91989	5.9785	.04864
Stddev	.017	.0108	.00145	.0090	.0018	.00223	.0072	.00037
%RSD	.09444	.59108	.36367	.18325	.10242	.24243	.12027	.75888
#1	18.066	1.8412	.39605	4.8901	1.7990	.91824	5.9705	.04825
#2	18.059	1.8200	.39777	4.8779	1.7990	.91900	5.9805	.04898
#3	18.091	1.8345	.39893	4.8953	1.7958	.92243	5.9845	.04869
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	2.8371	.51023	1.4665	1.0233	10.932	.33359	5.3212	.02727
Stddev	.0049	.00135	.0043	.0043	.016	.00200	.0082	.00025
%RSD	.17253	.26422	.29329	.42476	.14997	.60047	.15326	.90187
#1	2.8377	.50868	1.4616	1.0186	10.936	.33248	5.3254	.02709
#2	2.8320	.51111	1.4694	1.0243	10.914	.33590	5.3264	.02755
#3	2.8417	.51090	1.4686	1.0271	10.946	.33239	5.3118	.02717
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	.36559	2.6063	1.6520	2.2941	12.522	.8799	86.371	4346.5
Stddev	.00107	.0141	.0042	.0146	.058	.0016	.172	34.7
%RSD	.29199	.54025	.25170	.63583	.46438	.1796	.19940	.79802
#1	.36607	2.6194	1.6514	2.3097	12.590	.8804	86.514	4386.6
#2	.36436	2.5914	1.6482	2.2807	12.486	.8781	86.180	4327.2
#3	.36633	2.6080	1.6565	2.2920	12.491	.8812	86.421	4325.8

Sample Name: S5 Acquired: 4/2/2019 12:00:21 Type: Cal
Method: P4-ICP2(v3012) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-150.85
Stddev	10.12
%RSD	6.7057

#1	-146.10
#2	-162.47
#3	-143.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4205.7	46334.	6094.0	79.898	3942.3
Stddev	4.1	124.	36.4	.606	8.0
%RSD	.09844	.26834	.59669	.75811	.20342

#1	4201.4	46409.	6053.6	79.689	3941.4
#2	4206.1	46190.	6124.0	79.424	3950.8
#3	4209.6	46402.	6104.6	80.580	3934.8

Sample Name: ICV01 Acquired: 4/2/2019 12:04:35 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0229	1.0559	1.0166	1.0332	1.0443	2.6081	.51637	.51288
Stddev	.0043	.0031	.0038	.0058	.0019	.0366	.00615	.00064
%RSD	.41575	.29243	.37100	.56194	.18420	1.4018	1.1910	.12547
#1	1.0217	1.0541	1.0183	1.0311	1.0461	2.5676	.50948	.51242
#2	1.0276	1.0594	1.0192	1.0398	1.0446	2.6180	.51832	.51261
#3	1.0193	1.0541	1.0123	1.0288	1.0423	2.6386	.52131	.51362
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49616	10.517	.52176	.50677	.53401	5.3109	.52827	6.1694
Stddev	.00039	.042	.00342	.00022	.00047	.0270	.00035	.0476
%RSD	.07828	.39965	.65568	.04352	.08817	.50768	.06639	.77202
#1	.49572	10.535	.51924	.50660	.53440	5.2947	.52828	6.1280
#2	.49644	10.548	.52039	.50702	.53414	5.2959	.52792	6.1588
#3	.49632	10.470	.52566	.50670	.53349	5.3420	.52862	6.2215
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51191	.50869	10.178	.51187	1.0004	10.304	2.6680	2.6360
Stddev	.00192	.00260	.130	.00413	.0004	.114	.0015	.0273
%RSD	.37481	.51035	1.2760	.80608	.04211	1.1079	.05568	1.0377
#1	.50980	.50578	10.038	.50865	1.0007	10.177	2.6684	2.6045
#2	.51355	.50951	10.203	.51043	1.0005	10.336	2.6692	2.6537
#3	.51238	.51077	10.294	.51652	.99988	10.399	2.6664	2.6497
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5316	F 2.8351	2.5926	2.6738	2.6317	2.523	2.6766	F 1.9011
Stddev	.0036	.0351	.0082	.0055	.0144	.006	.0074	.1032
%RSD	.14302	1.2387	.31653	.20714	.54876	.2451	.27525	5.4272
#1	2.5356	2.8756	2.5956	2.6684	2.6458	2.522	2.6797	1.9225
#2	2.5286	2.8150	2.5990	2.6795	2.6170	2.529	2.6682	1.7889
#3	2.5305	2.8146	2.5834	2.6736	2.6324	2.517	2.6819	1.9919

Sample Name: ICV01 Acquired: 4/2/2019 12:04:35 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .69573
Stddev	.64053
%RSD	92.066

#1	1.4146
#2	.48706
#3	.18556

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4462.1	48561.	6261.9	83.757	4466.6
Stddev	11.6	137.	73.1	2.528	7.8
%RSD	.26023	.28136	1.1677	3.0179	.17360

#1	4448.8	48561.	6178.1	81.076	4457.9
#2	4467.8	48697.	6312.9	84.098	4469.2
#3	4469.8	48424.	6294.7	86.097	4472.7

Sample Name: LLICV01 Acquired: 4/2/2019 12:15:54 Type: Unk
Method: P4-ICP2(v3012) 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	.01920	.03950	.01188	.01795	.05603	.10321	.10610	.00645
Stddev	.00074	.00055	.00026	.00314	.00058	.01480	.00044	.00011
%RSD	3.8652	1.4036	2.1638	17.520	1.0327	14.336	.41355	1.7792
#1	.01965	.04006	.01159	.01616	.05668	.08617	.10640	.00633
#2	.01834	.03948	.01204	.01610	.05586	.11070	.10630	.00645
#3	.01960	.03895	.01202	.02158	.05556	.11277	.10559	.00656
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	2.0672	.01057	.02898	.02059	.10639	.02245	2.0437
Stddev	.00006	.0194	.00031	.00035	.00006	.00158	.00004	.0297
%RSD	1.0803	.93860	2.9633	1.2236	.27626	1.4861	.17540	1.4514
#1	.00591	2.0896	.01085	.02873	.02064	.10819	.02243	2.0683
#2	.00597	2.0560	.01023	.02883	.02059	.10524	.02243	2.0520
#3	.00584	2.0559	.01063	.02938	.02053	.10573	.02250	2.0107
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04042	.01106	1.8562	.04076	.03827	1.9461	.21212	.10320
Stddev	.00008	.00043	.0144	.00019	.00011	.0505	.00118	.01589
%RSD	.18871	3.9167	.77698	.46700	.29751	2.5964	.55775	15.398
#1	.04047	.01156	1.8501	.04092	.03817	2.0034	.21124	.12094
#2	.04033	.01078	1.8458	.04082	.03839	1.9266	.21347	.09839
#3	.04045	.01085	1.8727	.04055	.03825	1.9082	.21166	.09027
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01961	.40912	.03850	.04328	.01814	.0173	.02064	F .96745
Stddev	.00364	.00429	.00067	.00115	.00075	.0007	.00019	.02424
%RSD	18.550	1.0474	1.7412	2.6501	4.1556	3.857	.90563	2.5053
#1	.02377	.40557	.03925	.04216	.01780	.0170	.02044	.97663
#2	.01796	.40790	.03831	.04321	.01763	.0168	.02067	.93996
#3	.01708	.41388	.03795	.04445	.01901	.0181	.02082	.98575

Sample Name: LLICV01 Acquired: 4/2/2019 12:15:54 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .56144
 Stddev .20236
 %RSD 36.044

#1 .36806
 #2 .54452
 #3 .77172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4581.6	49714.	6441.2	88.014	4749.0
Stddev	3.8	178.	33.4	.582	5.8
%RSD	.08250	.35725	.51824	.66171	.12138

#1	4577.3	49588.	6473.3	87.342	4747.2
#2	4584.2	49917.	6443.5	88.333	4755.4
#3	4583.4	49637.	6406.7	88.367	4744.3

Sample Name: ICB01 Acquired: 4/2/2019 12:20:20 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00104	.00031	-.00153	.00368	.00375	-.00001	-.00001
Stddev	.00092	.00092	.00038	.00238	.00128	.01209	.00032	.00006
%RSD	362.79	88.310	121.43	155.40	34.879	322.28	2642.7	446.69
#1	-.00066	-.00002	-.00011	-.00364	.00270	.01072	.00028	-.00003
#2	.00117	-.00128	.00064	.00105	.00321	.01073	-.00036	-.00006
#3	.00025	-.00181	.00041	-.00200	.00514	-.01021	.00004	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00034	.00018	-.00003	-.00117	-.00012	-.00004	.05758
Stddev	.00006	.00744	.00027	.00008	.00016	.00112	.00005	.04346
%RSD	200.40	2200.8	148.76	246.60	13.941	965.62	142.82	75.479
#1	-.00003	.00801	-.00009	.00003	-.00134	-.00141	-.00008	.00744
#2	.00004	-.00279	.00045	-.00013	-.00102	.00065	-.00005	.08093
#3	.00008	-.00624	.00019	-.00000	-.00113	.00041	.00002	.08438
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00015	-.27343	-.00039	-.00067	-.08960	.00005	.00328
Stddev	.00033	.00025	.00797	.00052	.00014	.07296	.00030	.00778
%RSD	628.34	166.45	2.9164	133.12	20.584	81.432	613.88	237.04
#1	-.00032	.00000	-.27645	-.00082	-.00057	-.11588	.00028	.01023
#2	.00033	-.00001	-.27946	-.00055	-.00062	-.14578	-.00030	.00475
#3	.00015	-.00043	-.26439	.00019	-.00083	-.00714	.00016	-.00513
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	.00105	-.00091	.00045	-.00111	-.0003	.00001	F 2.2143
Stddev	.00168	.00432	.00102	.00085	.00129	.0011	.00006	.2192
%RSD	254.77	409.94	112.87	187.41	116.81	438.9	420.01	9.8968
#1	-.00134	.00179	-.00085	-.00016	-.00160	-.0004	-.00005	2.2218
#2	.00126	.00495	.00009	.00009	.00036	.0009	.00003	2.4296
#3	-.00190	-.00359	-.00195	.00142	-.00208	-.0013	.00006	1.9915

Sample Name: ICB01 Acquired: 4/2/2019 12:20:20 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .80051
Stddev	.57873
%RSD	72.295

#1	.15104
#2	.98895
#3	1.2615

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4458.9	47975.	6209.6	83.381	4624.5
Stddev	8.4	252.	32.3	.848	6.6
%RSD	.18798	.52555	.51960	1.0168	.14304

#1	4456.6	47837.	6187.4	82.850	4620.5
#2	4468.2	47822.	6194.8	82.933	4632.2
#3	4451.9	48266.	6246.6	84.358	4621.0

Sample Name: CRI01 Acquired: 4/2/2019 12:24:49 Type: Unk
Method: P4-ICP2(v3012) 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	.02125	.03965	.01135	.01933	.05594	.10303	.10620	.00647
Stddev	.00121	.00044	.00069	.00168	.00116	.00739	.00056	.00009
%RSD	5.7094	1.1127	6.1128	8.7060	2.0710	7.1750	.52756	1.4646
#1	.01989	.03920	.01146	.01765	.05471	.09637	.10570	.00648
#2	.02163	.03968	.01198	.01930	.05612	.10173	.10610	.00636
#3	.02222	.04008	.01060	.02102	.05700	.11099	.10681	.00655
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	2.0739	.01010	.02901	.02028	.10660	.02237	2.0882
Stddev	.00005	.0127	.00030	.00011	.00055	.00094	.00009	.0483
%RSD	.84407	.61321	2.9550	.37448	2.7008	.87975	.40263	2.3149
#1	.00594	2.0605	.01012	.02893	.02090	.10645	.02232	2.1431
#2	.00586	2.0754	.00979	.02913	.02009	.10575	.02232	2.0698
#3	.00585	2.0858	.01039	.02896	.01985	.10760	.02248	2.0518
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04033	.01059	1.8355	.04137	.03800	1.9635	.21185	.09644
Stddev	.00017	.00022	.0121	.00111	.00017	.0091	.00082	.00790
%RSD	.40973	2.1183	.65930	2.6802	.44443	.46292	.38653	8.1958
#1	.04051	.01076	1.8315	.04131	.03818	1.9658	.21248	.10417
#2	.04030	.01034	1.8259	.04028	.03785	1.9712	.21092	.08837
#3	.04018	.01068	1.8491	.04250	.03797	1.9535	.21214	.09678
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01975	.40973	.03772	.04140	.01641	.0177	.02063	F 1.0338
Stddev	.00191	.00450	.00051	.00149	.00157	.0012	.00017	.4119
%RSD	9.6697	1.0985	1.3502	3.6056	9.5860	6.661	.80721	39.840
#1	.01915	.41048	.03783	.04021	.01561	.0168	.02049	.67724
#2	.02189	.40491	.03817	.04308	.01822	.0190	.02081	1.4846
#3	.01822	.41382	.03717	.04093	.01540	.0172	.02058	.93949

Sample Name: CRI01 Acquired: 4/2/2019 12:24:49 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .94434
Stddev	.68742
%RSD	72.793

#1	.32163
#2	1.6820
#3	.82942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4583.0	49738.	6440.5	85.986	4741.2
Stddev	6.9	149.	18.5	1.047	6.3
%RSD	.15051	.29900	.28674	1.2176	.13210

#1	4575.6	49896.	6458.7	84.825	4736.5
#2	4589.2	49601.	6421.8	86.275	4748.3
#3	4584.3	49716.	6441.0	86.858	4738.7

Sample Name: ICSA01 Acquired: 4/2/2019 12:29:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00500	.00536	.00527	.00945	.00839	274.14	.00703	-.00058
Stddev	.00117	.00127	.00083	.00218	.00597	.83	.00051	.00011
%RSD	23.469	23.715	15.730	23.108	71.089	.30335	7.2595	18.859

#1	-.00619	.00590	.00437	.00898	.00151	273.37	.00728	-.00056
#2	-.00385	.00391	.00544	.01183	.01169	274.01	.00644	-.00070
#3	-.00495	.00627	.00600	.00754	.01198	275.02	.00736	-.00048

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	248.22	.04758	-.00048	-.00081	96.652	.01431	276.27
Stddev	.00023	.64	.00020	.00016	.00036	.255	.00008	1.13
%RSD	14.456	.25782	.41924	33.536	44.416	.26333	.58654	.41038

#1	-.00168	247.83	.04779	-.00060	-.00123	96.473	.01421	274.98
#2	-.00135	247.88	.04739	-.00056	-.00066	96.539	.01435	276.71
#3	-.00180	248.96	.04755	-.00030	-.00056	96.943	.01435	277.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00557	-.00699	-.20660	.00135	-.01666	-.05166	.00061	.04589
Stddev	.00112	.00034	.00421	.00017	.00015	.04052	.00006	.01275
%RSD	20.039	4.8764	2.0379	12.464	.90742	78.435	10.039	27.782

#1	-.00516	-.00676	-.20355	.00124	-.01679	-.00526	.00061	.05739
#2	-.00684	-.00738	-.20486	.00127	-.01649	-.06965	.00068	.04811
#3	-.00472	-.00683	-.21141	.00155	-.01671	-.08007	.00055	.03218

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01811	-.00721	.00628	-.00251	.01031	-.0012	-.00402	3.6861
Stddev	.00492	.00224	.00087	.00099	.00109	.0013	.00040	.1045
%RSD	27.133	31.108	13.897	39.465	10.565	104.5	10.063	2.8350

#1	.02039	-.00823	.00728	-.00296	.00958	-.0019	-.00366	3.5965
#2	.02148	-.00877	.00587	-.00137	.01157	-.0019	-.00395	3.6609
#3	.01247	-.00464	.00569	-.00318	.00980	.0002	-.00446	3.8009

Sample Name: ICSA01 Acquired: 4/2/2019 12:29:15 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.15715
%RSD	.54228

#1	-29.157
#2	-28.860
#3	-28.920

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4122.0	45038.	6225.0	77.520	3835.4
Stddev	5.1	136.	18.5	2.416	12.0
%RSD	.12404	.30120	.29685	3.1161	.31273

#1	4118.9	45156.	6225.8	78.395	3836.4
#2	4119.2	45067.	6243.1	74.789	3822.9
#3	4127.9	44890.	6206.1	79.376	3846.8

Sample Name: ICSAB01 Acquired: 4/2/2019 12:42:49 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10261	.11553	.05786	.05894	.65139	268.70	.57278	.55965
Stddev	.00183	.00124	.00081	.00654	.00384	1.66	.00465	.00160
%RSD	1.7841	1.0707	1.4081	11.095	.58924	.61901	.81099	.28548
#1	.10429	.11672	.05880	.06579	.64780	267.58	.56930	.56124
#2	.10066	.11563	.05752	.05276	.65544	270.61	.57805	.55805
#3	.10289	.11425	.05728	.05827	.65092	267.90	.57098	.55965
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0367	243.04	.57500	.52114	.51168	94.110	.54272	271.74
Stddev	.0007	.81	.00121	.00045	.00121	.535	.00052	1.20
%RSD	.06582	.33193	.21064	.08541	.23662	.56901	.09580	.43978
#1	1.0363	243.52	.57468	.52102	.51056	94.437	.54299	271.37
#2	1.0364	242.11	.57634	.52077	.51151	94.401	.54213	273.07
#3	1.0375	243.49	.57398	.52164	.51296	93.492	.54306	270.77
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0226	.21454	-.21012	.53142	1.1012	-.13724	1.1387	F 1.2095
Stddev	.0004	.00149	.00366	.00261	.0020	.02901	.0015	.0281
%RSD	.03433	.69299	1.7430	.49099	.17796	21.137	.13497	2.3215
#1	1.0227	.21625	-.20597	.53348	1.1035	-.17030	1.1398	1.1787
#2	1.0229	.21362	-.21291	.53230	1.1000	-.12539	1.1394	1.2337
#3	1.0222	.21375	-.21149	.52849	1.1002	-.11604	1.1369	1.2162
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0964	1.0656	1.1655	1.1309	1.0776	1.044	1.0187	4.0715
Stddev	.0102	.0041	.0040	.0020	.0020	.005	.0031	.2207
%RSD	.92864	.38527	.34109	.17581	.18824	.5038	.30534	5.4207
#1	1.1070	1.0695	1.1690	1.1318	1.0766	1.048	1.0173	4.2114
#2	1.0957	1.0613	1.1663	1.1286	1.0762	1.046	1.0165	4.1860
#3	1.0866	1.0659	1.1611	1.1322	1.0799	1.038	1.0223	3.8171

Sample Name: ICSAB01 Acquired: 4/2/2019 12:42:49 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .70883
 %RSD 2.5983

#1 -26.480
 #2 -27.829
 #3 -27.532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4058.4	44462.	6141.2	76.633	3759.1
Stddev	11.7	213.	41.0	1.321	5.0
%RSD	.28842	.47885	.66713	1.7237	.13181

#1	4053.9	44359.	6097.7	75.110	3755.7
#2	4071.7	44320.	6179.1	77.319	3764.8
#3	4049.6	44707.	6146.7	77.469	3756.9

Sample Name: CCV01 Acquired: 4/2/2019 12:47:13 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0226	4.9927	5.0150	5.0430	5.0447	10.148	10.328	.25274
Stddev	.0056	.0136	.0101	.0031	.0061	.034	.111	.00020
%RSD	.11150	.27131	.20202	.06218	.12119	.33940	1.0771	.08099
#1	5.0259	4.9985	5.0132	5.0466	5.0487	10.116	10.372	.25297
#2	5.0161	5.0023	5.0259	5.0412	5.0477	10.185	10.411	.25269
#3	5.0257	4.9772	5.0059	5.0411	5.0376	10.143	10.202	.25257
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4884	25.117	1.0259	2.4975	1.2578	5.1487	2.5523	25.902
Stddev	.0040	.033	.0003	.0056	.0013	.0107	.0029	.141
%RSD	.16033	.13152	.02423	.22402	.10169	.20793	.11301	.54498
#1	2.4926	25.117	1.0261	2.5018	1.2591	5.1550	2.5533	25.782
#2	2.4881	25.151	1.0260	2.4995	1.2579	5.1548	2.5546	25.865
#3	2.4846	25.084	1.0256	2.4912	1.2566	5.1364	2.5491	26.057
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4837	1.2830	25.776	2.5557	2.5071	25.197	5.0429	5.0103
Stddev	.0016	.0051	.040	.0037	.0042	.037	.0010	.0432
%RSD	.06332	.39536	.15438	.14631	.16628	.14504	.01919	.86281
#1	2.4850	1.2842	25.761	2.5514	2.5095	25.234	5.0430	4.9607
#2	2.4841	1.2873	25.822	2.5582	2.5096	25.197	5.0419	5.0405
#3	2.4820	1.2774	25.747	2.5575	2.5023	25.161	5.0438	5.0296
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9663	4.9949	4.9612	5.0153	4.9068	4.973	5.0524	F 3.9530
Stddev	.0157	.0144	.0009	.0045	.0278	.005	.0253	.1077
%RSD	.31647	.28850	.01726	.08906	.56628	.1046	.50117	2.7236
#1	4.9514	5.0095	4.9621	5.0180	4.9273	4.972	5.0698	3.9574
#2	4.9648	4.9946	4.9604	5.0101	4.9178	4.979	5.0640	4.0584
#3	4.9827	4.9807	4.9610	5.0177	4.8751	4.969	5.0233	3.8432

Sample Name: CCV01 Acquired: 4/2/2019 12:47:13 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2607
Stddev	.3191
%RSD	9.7858

#1	3.3800
#2	2.8991
#3	3.5029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4283.9	46346.	6187.2	79.254	4154.3
Stddev	12.7	88.	27.9	1.078	12.8
%RSD	.29725	.18901	.45096	1.3605	.30799

#1	4269.6	46341.	6160.6	80.326	4139.6
#2	4293.9	46261.	6184.7	78.170	4160.3
#3	4288.2	46436.	6216.2	79.265	4162.9

Sample Name: LLCCV01 Acquired: 4/2/2019 12:51:15 Type: Unk
Method: P4-ICP2(v3012) 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	.02233	.04120	.01322	.02116	.05866	.10639	.11130	.00669
Stddev	.00188	.00053	.00089	.00181	.00125	.01689	.00089	.00007
%RSD	8.4176	1.2984	6.7423	8.5513	2.1250	15.877	.80145	1.0980
#1	.02130	.04072	.01349	.01910	.05960	.12588	.11232	.00665
#2	.02119	.04110	.01395	.02246	.05913	.09592	.11093	.00678
#3	.02450	.04178	.01223	.02194	.05724	.09738	.11065	.00665
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00614	2.1496	.01060	.03017	.02109	.11186	.02324	2.1684
Stddev	.00011	.0059	.00021	.00021	.00065	.00176	.00016	.0021
%RSD	1.7495	.27435	2.0161	.69095	3.0737	1.5748	.67907	.09691
#1	.00605	2.1562	.01066	.03041	.02154	.11345	.02336	2.1698
#2	.00626	2.1448	.01078	.03006	.02035	.10997	.02306	2.1695
#3	.00611	2.1477	.01037	.03003	.02138	.11217	.02330	2.1660
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04147	.01150	1.9330	.04305	.04017	2.0393	.22066	.11079
Stddev	.00016	.00067	.0165	.00090	.00012	.0304	.00105	.00720
%RSD	.39349	5.7973	.85369	2.0945	.30559	1.4890	.47614	6.4949
#1	.04143	.01204	1.9362	.04313	.04028	2.0461	.22166	.11378
#2	.04165	.01170	1.9151	.04211	.04019	2.0061	.21956	.10258
#3	.04134	.01075	1.9476	.04390	.04004	2.0657	.22077	.11600
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02056	.42558	.04181	.04413	.01738	.0173	.02154	F 2.7126
Stddev	.00184	.00419	.00051	.00121	.00095	.0005	.00015	.3281
%RSD	8.9413	.98534	1.2263	2.7371	5.4734	2.780	.68289	12.095
#1	.01931	.42263	.04189	.04282	.01657	.0172	.02170	2.8468
#2	.02267	.43038	.04229	.04436	.01843	.0178	.02141	2.3387
#3	.01970	.42373	.04127	.04520	.01713	.0169	.02151	2.9524

Sample Name: LLCCV01 Acquired: 4/2/2019 12:51:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0855
Stddev .2575
%RSD 23.720

#1 1.1486
#2 .80234
#3 1.3056

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4427.9	47671.	6207.4	84.144	4589.0
Stddev	14.9	303.	3.7	.838	8.2
%RSD	.33566	.63612	.05945	.99551	.17821

#1	4421.4	47596.	6211.2	84.125	4583.2
#2	4444.9	48005.	6203.8	84.992	4598.3
#3	4417.4	47413.	6207.2	83.317	4585.3

Sample Name: CCB01 Acquired: 4/2/2019 12:55:44 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00143	-.00040	-.00108	.00345	-.00211	.00070	.00007
Stddev	.00087	.00005	.00065	.00058	.00090	.00651	.00053	.00004
%RSD	120.83	3.2548	160.17	53.476	26.142	307.94	75.774	65.455
#1	.00007	-.00141	-.00001	-.00169	.00294	.00385	.00009	.00010
#2	-.00164	-.00140	-.00005	-.00099	.00292	-.00905	.00106	.00008
#3	-.00058	-.00149	-.00115	-.00055	.00450	-.00114	.00095	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01637	-.00038	-.00003	-.00145	-.00024	-.00011	.01616
Stddev	.00003	.00590	.00012	.00005	.00036	.00085	.00002	.05009
%RSD	144.19	36.029	31.421	166.27	24.686	352.23	17.555	309.98
#1	-.00002	-.02309	-.00030	-.00006	-.00171	-.00063	-.00010	-.04157
#2	.00004	-.01205	-.00031	-.00006	-.00104	-.00083	-.00013	.04821
#3	.00004	-.01397	-.00051	.00003	-.00159	.00073	-.00011	.04184
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00038	-.29846	-.00022	-.00062	-.08949	.00016	.00581
Stddev	.00009	.00012	.00661	.00031	.00011	.04365	.00011	.00902
%RSD	30.083	32.171	2.2163	141.76	17.577	48.778	69.776	155.39
#1	.00029	.00039	-.30238	-.00015	-.00053	-.06395	.00003	.01562
#2	.00039	.00050	-.29082	.00005	-.00058	-.13990	.00022	-.00212
#3	.00021	.00025	-.30217	-.00057	-.00074	-.06463	.00024	.00392
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	.00048	-.00119	.00135	-.00406	-.0008	-.00003	F 2.1637
Stddev	.00163	.00469	.00048	.00058	.00101	.0017	.00008	.1430
%RSD	122.71	966.22	40.175	42.851	24.786	208.3	255.95	6.6109
#1	.00169	.00495	-.00067	.00070	-.00376	.0012	.00000	2.1137
#2	-.00045	-.00439	-.00126	.00155	-.00519	-.0019	.00003	2.3250
#3	.00274	.00090	-.00162	.00181	-.00324	-.0017	-.00012	2.0524

Sample Name: CCB01 Acquired: 4/2/2019 12:55:44 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0028
Stddev	.5356
%RSD	53.415

#1	.60779
#2	1.6124
#3	.78808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4570.6	48931.	6433.1	85.258	4756.4
Stddev	11.8	105.	26.5	2.997	11.0
%RSD	.25780	.21427	.41253	3.5156	.23219

#1	4559.9	48851.	6402.4	82.317	4743.7
#2	4568.7	48894.	6448.7	85.150	4761.4
#3	4583.2	49050.	6448.0	88.308	4764.0

Sample Name: LR CHECK 1 Acquired: 4/2/2019 12:59:41 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12683	.02049	-.11737	.12518	.06126	1891.0	.01121	-.00030
Stddev	.00875	.00654	.00205	.00761	.00651	11.6	.00026	.00008
%RSD	6.9031	31.917	1.7454	6.0793	10.631	.61347	2.2775	27.228

#1	-.12892	.01643	-.11811	.12650	.05558	1878.7	.01142	-.00037
#2	-.13435	.01701	-.11505	.13204	.05984	1892.7	.01128	-.00032
#3	-.11721	.02804	-.11894	.11699	.06837	1901.7	.01092	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11430	1729.0	-.08505	.07695	.36506	822.79	-.00116	1817.9
Stddev	.00153	31.6	.00085	.00031	.00105	3.35	.00037	10.8
%RSD	1.3416	1.8277	.99758	.39702	.28852	.40720	32.112	.59582

#1	.11557	1728.8	-.08552	.07729	.36458	819.93	-.00074	1816.6
#2	.11473	1760.8	-.08407	.07670	.36627	821.95	-.00128	1807.7
#3	.11259	1697.6	-.08557	.07686	.36434	826.47	-.00146	1829.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06616	-.23681	1667.9	.01184	.14542	994.65	-.00421	-.64575
Stddev	.00152	.00150	21.4	.00055	.00148	4.24	.00152	.02060
%RSD	2.2931	.63514	1.2835	4.6254	1.0169	.42612	36.103	3.1904

#1	.06461	-.23571	1692.5	.01139	.14651	990.33	-.00384	-.65570
#2	.06765	-.23620	1657.3	.01245	.14602	998.80	-.00588	-.62206
#3	.06622	-.23853	1653.8	.01167	.14374	994.84	-.00291	-.65950

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39978	-.00541	.06727	-.05768	.09624	.0483	-.88979	<.00000
Stddev	.01220	.00371	.00238	.00171	.00045	.0068	.00367	.23132
%RSD	3.0520	68.499	3.5448	2.9614	.47175	14.07	.41199	19.730

#1	.38572	-.00159	.06452	-.05929	.09604	.0438	-.88665	-1.4374
#2	.40613	-.00565	.06877	-.05787	.09592	.0450	-.88889	-1.0695
#3	.40750	-.00899	.06851	-.05589	.09676	.0562	-.89382	-1.0105

Sample Name: LR CHECK 1 Acquired: 4/2/2019 12:59:41 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8098 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	3089.0	34256.	5447.1	59.372	2300.1
Stddev	4.9	118.	60.9	.637	5.7
%RSD	.15990	.34351	1.1175	1.0730	.24586

#1	3094.7	34352.	5432.5	59.781	2297.6
#2	3085.9	34292.	5394.8	59.698	2296.2
#3	3086.3	34125.	5513.9	58.638	2306.6

Sample Name: LR CHECK 2 Acquired: 4/2/2019 13:04:45 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02088	-.02049	244.78	.02295	-.04256	-.22930	104.41	-.00075
Stddev	.00161	.00093	.49	.00242	.00079	.00209	.35	.00006
%RSD	7.7122	4.5465	.19924	10.527	1.8664	.91057	.33166	7.5160

#1	.02173	-.01943	245.34	.02527	-.04263	-.22974	104.09	-.00080
#2	.02189	-.02114	244.54	.02045	-.04174	-.22703	104.78	-.00069
#3	.01902	-.02092	244.46	.02314	-.04332	-.23113	104.35	-.00075

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00841	.26725	-.12734	-.00935	271.14	-.79946	46.981	.01644
Stddev	.00005	.01090	.00073	.00010	1.01	.00077	.194	.01382
%RSD	.58421	4.0777	.56961	1.1129	.37336	.09633	.41273	84.058

#1	-.00841	.27245	-.12775	-.00925	272.04	-.79960	47.203	.02102
#2	-.00836	.25473	-.12777	-.00934	271.34	-.79863	46.896	.00091
#3	-.00846	.27458	-.12650	-.00946	270.05	-.80015	46.844	.02738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.763	.01905	3.6789	-.09738	37.415	1.5508	.00429	.00118
Stddev	.194	.00062	.7642	.00108	.296	.1808	.00065	.00450
%RSD	.35480	3.2804	20.771	1.1083	.79046	11.661	15.119	379.94

#1	54.988	.01833	4.4437	-.09823	37.657	1.7228	.00465	.00318
#2	54.651	.01941	3.6775	-.09616	37.502	1.5673	.00354	.00435
#3	54.651	.01941	2.9154	-.09774	37.085	1.3623	.00468	-.00397

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13594	-.00370	.00252	.02691	-.00848	-.0784	.00695	3.8259
Stddev	.00348	.00295	.00040	.00146	.00141	.0030	.00008	.1251
%RSD	2.5584	79.877	15.765	5.4209	16.655	3.833	1.1570	3.2704

#1	.13555	-.00205	.00281	.02853	-.00796	-.0749	.00702	3.6822
#2	.13960	-.00711	.00207	.02648	-.00741	-.0795	.00697	3.8845
#3	.13267	-.00193	.00268	.02571	-.01008	-.0806	.00686	3.9109

Sample Name: LR CHECK 2 Acquired: 4/2/2019 13:04:45 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8098 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4720
Stddev	1.0062
%RSD	68.356

#1	2.0853
#2	.31075
#3	2.0199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4282.1	48548.	6496.6	83.412	4350.7
Stddev	11.0	73.	4.8	1.115	16.3
%RSD	.25702	.15076	.07386	1.3372	.37440

#1	4269.8	48508.	6491.1	83.658	4331.9
#2	4290.9	48632.	6498.4	82.194	4359.2
#3	4285.6	48503.	6500.2	84.383	4360.9

Sample Name: K2205-01 Acquired: 4/2/2019 13:09:50 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10455	.00601	.11309	.08072	.00506	209.61	1.1153
Stddev	.00300	.00070	.00274	.00228	.00299	1.31	.0054
%RSD	2.8670	11.704	2.4250	2.8260	59.100	.62362	.48790

#1	.10559	.00548	.11619	.08335	.00774	209.85	1.1162
#2	.10688	.00574	.11212	.07923	.00562	210.78	1.1202
#3	.10117	.00680	.11097	.07958	.00183	208.20	1.1094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01009	.00314	1772.0	.46016	.08316	.18522	215.88
Stddev	.00012	.00035	14.2	.00319	.00021	.00070	2.28
%RSD	1.1615	11.060	.79906	.69409	.25084	.37859	1.0562

#1	.00995	.00285	1756.4	.45925	.08293	.18555	217.67
#2	.01016	.00303	1775.6	.46371	.08334	.18570	216.65
#3	.01014	.00352	1784.0	.45751	.08320	.18442	213.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6947	124.44	.21343	-.02002	10.199	.33596	1.5047
Stddev	.0133	.96	.00053	.00028	.110	.00258	.0015
%RSD	.36050	.76951	.24619	1.4154	1.0816	.76753	.10030

#1	3.7083	125.05	.21294	-.02029	10.282	.33573	1.5032
#2	3.6942	124.94	.21337	-.01972	10.240	.33865	1.5048
#3	3.6817	123.34	.21399	-.02004	10.074	.33351	1.5062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.529	.01341	.38775	F 57.998	.67717	-.00192	5.6879
Stddev	.250	.00018	.01085	.112	.01835	.00126	.0253
%RSD	.79267	1.3248	2.7969	.19260	2.7096	65.852	.44470

#1	31.523	.01358	.39453	57.977	.66049	-.00259	5.6596
#2	31.782	.01322	.39347	57.898	.69682	-.00046	5.7084
#3	31.283	.01342	.37524	58.118	.67419	-.00270	5.6957

Sample Name: K2205-01 Acquired: 4/2/2019 13:09:50 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29153	5.604	5.8014	3.2787	F<.00000
Stddev	.00296	.014	.0483	.3437	1.4678
%RSD	1.0150	.2434	.83252	10.482	1.0588

#1	.28814	5.619	5.7469	3.6609	-137.50
#2	.29362	5.593	5.8186	3.1801	-140.29
#3	.29283	5.599	5.8388	2.9951	-138.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3981.0	44306.	6652.0	74.247	3251.2
Stddev	5.6	229.	21.3	1.818	3.7
%RSD	.14040	.51790	.32020	2.4489	.11531

#1	3987.3	44091.	6631.0	72.465	3255.5
#2	3979.0	44281.	6673.6	76.100	3249.7
#3	3976.7	44548.	6651.5	74.176	3248.4

Sample Name: K2205-02 Acquired: 4/2/2019 13:14:34 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07943	.00598	.08877	.08551	.00791	204.67	1.0556
Stddev	.00200	.00269	.00102	.00259	.00300	.61	.0023
%RSD	2.5128	44.946	1.1514	3.0240	37.946	.29579	.21646

#1	.08154	.00322	.08762	.08598	.00839	205.36	1.0583
#2	.07920	.00613	.08915	.08782	.00470	204.38	1.0542
#3	.07757	.00859	.08956	.08272	.01064	204.26	1.0544

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00948	.00287	1712.4	.28156	.08717	.17193	223.68
Stddev	.00010	.00008	6.8	.00243	.00040	.00060	1.11
%RSD	1.0833	2.6802	.39833	.86351	.45918	.35062	.49598

#1	.00958	.00278	1704.7	.28430	.08698	.17207	222.84
#2	.00948	.00290	1714.9	.28074	.08763	.17245	224.94
#3	.00937	.00293	1717.7	.27965	.08691	.17127	223.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7640	127.30	.20254	-.02163	10.752	.33213	1.3331
Stddev	.0090	.56	.00138	.00020	.052	.00239	.0023
%RSD	.23872	.44241	.68063	.93934	.48751	.72106	.16991

#1	3.7743	127.80	.20249	-.02185	10.809	.33489	1.3306
#2	3.7599	127.42	.20394	-.02160	10.705	.33085	1.3350
#3	3.7577	126.69	.20118	-.02145	10.741	.33064	1.3338

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.800	.01146	.36417	F 55.552	.66161	-.00145	5.5477
Stddev	.213	.00033	.01290	.243	.01298	.00085	.0065
%RSD	.65030	2.9213	3.5412	.43744	1.9619	58.282	.11687

#1	33.041	.01184	.36428	55.272	.65750	-.00048	5.5426
#2	32.726	.01128	.37701	55.700	.65118	-.00205	5.5550
#3	32.634	.01125	.35122	55.686	.67615	-.00183	5.5455

Sample Name: K2205-02 Acquired: 4/2/2019 13:14:34 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34581	5.991	5.9710	3.6284	F<.00000
Stddev	.00133	.016	.0192	.2460	.95204
%RSD	.38474	.2675	.32205	6.7790	.63069
#1	.34722	5.975	5.9703	3.9059	-151.68
#2	.34564	6.007	5.9905	3.4372	-149.88
#3	.34457	5.992	5.9521	3.5421	-151.30
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3984.9	44149.	6618.1	71.333	3252.3
Stddev	7.9	187.	15.4	1.911	6.6
%RSD	.19834	.42339	.23260	2.6794	.20417
#1	3986.1	43935.	6600.7	69.256	3257.5
#2	3992.1	44227.	6623.6	73.019	3254.6
#3	3976.5	44284.	6630.0	71.723	3244.8

Sample Name: K2186-01 Acquired: 4/2/2019 13:19:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-89- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58748	.02852	10.027	.28707	.08436	22.317	4.4569	.00175
Stddev	.00279	.00056	.015	.00377	.00234	.038	.0095	.00023
%RSD	.47524	1.9718	.14617	1.3150	2.7688	.17200	.21257	13.025
#1	.58782	.02788	10.031	.28800	.08219	22.328	4.4460	.00197
#2	.58453	.02890	10.039	.28292	.08683	22.274	4.4614	.00177
#3	.59009	.02879	10.010	.29030	.08407	22.349	4.4632	.00151
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03775	6.9681	.23415	.09084	1.6315	648.99	2.0586	3.9011
Stddev	.00081	.0278	.00095	.00039	.0024	2.44	.0043	.0640
%RSD	2.1435	.39885	.40698	.42731	.14668	.37633	.20911	1.6400
#1	.03862	6.9938	.23362	.09055	1.6307	646.18	2.0579	3.8411
#2	.03758	6.9386	.23357	.09129	1.6297	650.16	2.0547	3.8938
#3	.03703	6.9720	.23525	.09070	1.6343	650.63	2.0632	3.9684
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26285	-.10571	1.4680	.47982	1.6303	4.3973	.06889	-.00230
Stddev	.00224	.00043	.0105	.00207	.0033	.0228	.00019	.00253
%RSD	.85252	.41144	.71608	.43167	.20129	.51787	.27375	110.06
#1	.26455	-.10576	1.4669	.47759	1.6320	4.4219	.06891	.00019
#2	.26367	-.10526	1.4581	.48169	1.6324	4.3928	.06907	-.00487
#3	.26031	-.10613	1.4790	.48018	1.6265	4.3770	.06869	-.00221
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.315	2.9588	.41248	3.6523	.01843	6.403	-.45862	<.00000
Stddev	.060	.0063	.00150	.0041	.00136	.020	.00410	.26828
%RSD	.16485	.21420	.36416	.11301	7.3642	.3074	.89463	4.9248
#1	36.366	2.9558	.41421	3.6492	.01729	6.424	-.45442	-5.3585
#2	36.329	2.9660	.41146	3.6506	.01808	6.398	-.45884	-5.7490
#3	36.249	2.9545	.41178	3.6570	.01994	6.385	-.46261	-5.2350

Sample Name: K2186-01 Acquired: 4/2/2019 13:19:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-89- 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	4292.4	47023.	6451.5	78.532	3852.0
Stddev	5.1	153.	42.1	.420	5.8
%RSD	.11843	.32597	.65206	.53488	.15078

#1	4296.3	46963.	6403.7	78.977	3846.5
#2	4294.3	47197.	6467.7	78.143	3851.5
#3	4286.7	46908.	6483.0	78.476	3858.1

Sample Name: K2186-05 Acquired: 4/2/2019 13:23:29 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-86- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04203	.00638	.21859	.11607	.00716	84.939	.54426
Stddev	.00203	.00072	.00132	.00225	.00043	1.988	.01308
%RSD	4.8396	11.215	.60440	1.9379	6.0062	2.3404	2.4037

#1	.04313	.00712	.22006	.11788	.00731	87.204	.55915
#2	.04328	.00569	.21819	.11677	.00667	84.125	.53902
#3	.03969	.00631	.21751	.11355	.00749	83.487	.53461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	-.00212	21.807	.20353	.13295	.40274	243.27
Stddev	.00014	.00073	.085	.00735	.00018	.00112	6.72
%RSD	3.2597	34.473	.38844	3.6103	.13657	.27726	2.7626

#1	.00446	-.00296	21.790	.21200	.13302	.40402	251.02
#2	.00418	-.00160	21.732	.19877	.13309	.40195	239.80
#3	.00428	-.00181	21.899	.19984	.13275	.40225	239.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3750	58.718	.84183	-.01942	3.9130	.34711	.61879
Stddev	.1738	1.581	.00242	.00103	.1061	.01132	.00124
%RSD	2.7267	2.6931	.28743	5.2864	2.7110	3.2616	.20079

#1	6.5757	60.543	.84458	-.02047	4.0346	.36015	.61738
#2	6.2755	57.758	.84087	-.01842	3.8652	.34134	.61971
#3	6.2738	57.852	.84003	-.01935	3.8393	.33983	.61929

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.666	.00272	.11533	2.8002	2.0025	.05818	3.3680
Stddev	.398	.00027	.00284	.0164	.0122	.00128	.0029
%RSD	2.5400	9.7592	2.4630	.58644	.61040	2.1958	.08480

#1	16.113	.00281	.11745	2.8190	1.9913	.05961	3.3650
#2	15.535	.00294	.11645	2.7934	2.0008	.05776	3.3707
#3	15.350	.00243	.11210	2.7883	2.0155	.05716	3.3683

Sample Name: K2186-05 Acquired: 4/2/2019 13:23:29 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-86- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12118	4.405	-.17029	<.00000	F<.00000
Stddev	.00119	.019	.00735	.70400	1.4909
%RSD	.97980	.4297	4.3191	317.75	.75868

#1	.12001	4.425	-.17875	.56157	-197.96
#2	.12238	4.404	-.16662	-.42430	-194.98
#3	.12116	4.387	-.16549	-.80195	-196.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4669.6	50043.	6932.8	81.967	4114.3
Stddev	2.7	1440.	48.8	2.107	1.9
%RSD	.05706	2.8776	.70410	2.5706	.04661

#1	4667.1	48398.	6876.6	83.583	4113.4
#2	4669.2	50658.	6964.4	79.584	4113.0
#3	4672.4	51074.	6957.5	82.735	4116.5

Sample Name: K2186-09 Acquired: 4/2/2019 13:27:53 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04864	.00662	.75426	.09185	.00636	119.88	.83152
Stddev	.00119	.00034	.00204	.00054	.00175	.65	.00536
%RSD	2.4538	5.0698	.27006	.58582	27.492	.53875	.64509

#1	.04953	.00671	.75212	.09128	.00667	119.56	.83098
#2	.04911	.00624	.75448	.09235	.00447	119.45	.82644
#3	.04728	.00690	.75617	.09192	.00793	120.62	.83713

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00538	.00236	244.41	.24449	.12759	.35542	204.37
Stddev	.00013	.00030	.76	.00257	.00019	.00157	.88
%RSD	2.4856	12.551	.30961	1.0495	.15025	.44195	.43268

#1	.00550	.00204	243.74	.24427	.12769	.35441	205.33
#2	.00523	.00263	245.23	.24717	.12772	.35723	203.60
#3	.00541	.00241	244.25	.24205	.12737	.35461	204.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2410	154.84	.66693	-.01706	28.515	.41332	1.2966
Stddev	.0073	.89	.00249	.00018	.188	.00300	.0061
%RSD	.17199	.57663	.37304	1.0540	.65926	.72632	.47360

#1	4.2487	154.82	.66490	-.01716	28.496	.41561	1.2974
#2	4.2342	153.96	.66618	-.01718	28.337	.41443	1.2900
#3	4.2400	155.74	.66970	-.01686	28.712	.40992	1.3022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.837	.00757	.11104	4.8079	1.3021	.03433	3.0042
Stddev	.077	.00018	.01318	.0296	.0206	.00063	.0139
%RSD	.55986	2.3797	11.871	.61529	1.5833	1.8211	.46354

#1	13.748	.00738	.12594	4.7784	1.3097	.03429	2.9881
#2	13.886	.00774	.10631	4.8078	1.3179	.03498	3.0125
#3	13.877	.00760	.10088	4.8376	1.2788	.03373	3.0119

Sample Name: K2186-09 Acquired: 4/2/2019 13:27:53 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14331	6.970	.17199	<.00000	F<.00000
Stddev	.00109	.034	.00270	.23283	1.3717
%RSD	.75821	.4914	1.5689	215.26	.81984

#1	.14341	6.943	.16932	-.08463	-166.71
#2	.14434	6.958	.17471	-.35186	-168.88
#3	.14218	7.008	.17193	.11201	-166.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4673.5	51406.	7169.6	79.242	3862.6
Stddev	6.6	179.	42.9	1.416	7.3
%RSD	.14067	.34780	.59867	1.7874	.18842

#1	4670.8	51236.	7161.1	77.993	3861.2
#2	4668.8	51593.	7131.5	80.781	3870.5
#3	4681.1	51388.	7216.1	78.951	3856.2

Sample Name: K2186-13 Acquired: 4/2/2019 13:32:16 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00909	.01121	.46900	.03870	.00361	28.260	.21407
Stddev	.00161	.00067	.00348	.00416	.00207	.025	.00057
%RSD	17.731	5.9933	.74274	10.758	57.377	.08731	.26817

#1	.00723	.01045	.47153	.04202	.00123	28.232	.21387
#2	.01002	.01175	.47045	.04005	.00457	28.267	.21363
#3	.01002	.01142	.46503	.03403	.00503	28.280	.21472

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.00216	1103.9	.03958	.05241	.23230	97.872
Stddev	.00006	.00005	11.6	.00061	.00010	.00072	.437
%RSD	7.5395	2.1926	1.0488	1.5304	.19851	.31136	.44657

#1	.00075	.00221	1104.3	.04022	.05252	.23169	97.375
#2	.00073	.00216	1115.3	.03902	.05231	.23310	98.200
#3	.00084	.00212	1092.1	.03951	.05241	.23211	98.040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1198	704.60	.15690	-.00875	21.060	.79693	.73905
Stddev	.0028	2.51	.00075	.00080	.043	.00860	.00186
%RSD	.13245	.35652	.47666	9.1386	.20562	1.0792	.25126

#1	2.1226	703.25	.15777	-.00784	21.011	.79840	.73941
#2	2.1169	703.05	.15645	-.00934	21.076	.78769	.74069
#3	2.1200	707.50	.15649	-.00908	21.092	.80471	.73703

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6760	.00888	.06054	F 22.306	.43149	.00424	1.3657
Stddev	.0456	.00043	.00421	.107	.01185	.00098	.0052
%RSD	1.7038	4.8308	6.9500	.47950	2.7470	23.053	.37790

#1	2.6362	.00852	.06193	22.301	.44509	.00488	1.3618
#2	2.6660	.00877	.06389	22.416	.42602	.00472	1.3637
#3	2.7258	.00936	.05582	22.202	.42337	.00311	1.3715

Sample Name: K2186-13 Acquired: 4/2/2019 13:32:16 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07990	3.390	.47622	5.2285	F<.00000
Stddev	.00128	.001	.00427	.1850	1.7871
%RSD	1.6024	.0420	.89723	3.5389	6.6856
#1	.08008	3.391	.47716	5.4396	-26.968
#2	.07854	3.391	.47994	5.1515	-24.837
#3	.08108	3.389	.47155	5.0944	-28.387
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3928.5	44021.	6558.3	73.681	3348.0
Stddev	10.5	107.	37.2	2.818	8.4
%RSD	.26731	.24395	.56692	3.8252	.24976
#1	3937.3	43946.	6542.4	71.267	3346.9
#2	3916.9	44144.	6531.8	72.998	3340.2
#3	3931.3	43973.	6600.8	76.778	3356.8

Sample Name: K2186-17 Acquired: 4/2/2019 13:36:41 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05858	.00751	2.0838	.04866	.00366	47.897	.68529
Stddev	.00266	.00096	.0066	.00663	.00116	.154	.00163
%RSD	4.5435	12.842	.31703	13.628	31.766	.32123	.23715

#1	.06029	.00774	2.0762	.04370	.00468	48.075	.68684
#2	.05993	.00834	2.0877	.05619	.00239	47.814	.68543
#3	.05551	.00646	2.0876	.04610	.00391	47.804	.68360

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00354	.00354	1228.9	.14410	.06276	.33457	123.78
Stddev	.00015	.00014	2.4	.00179	.00017	.00175	.75
%RSD	4.2430	4.0773	.19865	1.2450	.26630	.52394	.60268

#1	.00368	.00370	1226.6	.14571	.06287	.33422	123.20
#2	.00357	.00343	1228.7	.14217	.06283	.33647	124.62
#3	.00338	.00349	1231.5	.14442	.06256	.33302	123.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4163	754.86	.21766	-.01079	52.443	.52856	1.8592
Stddev	.0028	1.70	.00031	.00039	.085	.00586	.0040
%RSD	.11615	.22464	.14233	3.5746	.16112	1.1077	.21667

#1	2.4177	756.37	.21778	-.01122	52.536	.53528	1.8610
#2	2.4181	755.18	.21789	-.01049	52.372	.52589	1.8546
#3	2.4130	753.02	.21731	-.01066	52.420	.52452	1.8620

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.618	.01180	.35922	F 28.071	1.3635	.12480	1.6927
Stddev	.033	.00024	.01542	.089	.0099	.00060	.0089
%RSD	.31160	2.0256	4.2918	.31772	.72504	.48141	.52789

#1	10.581	.01153	.34341	28.154	1.3731	.12495	1.6839
#2	10.626	.01188	.36004	27.977	1.3640	.12413	1.6924
#3	10.646	.01199	.37421	28.081	1.3533	.12530	1.7018

Sample Name: K2186-17 Acquired: 4/2/2019 13:36:41 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11782	4.856	.74031	4.3656	F<.00000
Stddev	.00047	.016	.00058	.0747	.82721
%RSD	.40016	.3283	.07859	1.7118	1.7205
#1	.11727	4.854	.74092	4.2834	-49.015
#2	.11805	4.873	.73976	4.4296	-47.773
#3	.11812	4.841	.74025	4.3837	-47.447
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3973.9	45009.	6634.4	73.134	3285.2
Stddev	3.4	115.	11.4	1.353	7.7
%RSD	.08571	.25527	.17180	1.8503	.23567
#1	3970.4	44891.	6625.8	71.600	3281.1
#2	3974.0	45120.	6647.3	74.160	3294.1
#3	3977.2	45017.	6630.1	73.641	3280.4

Sample Name: K2186-21 Acquired: 4/2/2019 13:41:07 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-78- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07003	.00636	.40839	.10108	.00464	135.76	.72603
Stddev	.00357	.00086	.00216	.00231	.00194	.58	.00122
%RSD	5.0992	13.546	.52953	2.2818	41.737	.42556	.16750

#1	.07087	.00575	.40888	.09912	.00539	136.18	.72643
#2	.06611	.00735	.41027	.10049	.00244	135.99	.72467
#3	.07310	.00600	.40603	.10362	.00610	135.10	.72700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	-.00052	13.629	.23360	.16240	.38661	214.91
Stddev	.00009	.00012	.067	.00176	.00058	.00053	.55
%RSD	1.4604	23.296	.49328	.75358	.35927	.13645	.25713

#1	.00630	-.00065	13.551	.23490	.16203	.38694	215.40
#2	.00643	-.00050	13.674	.23430	.16307	.38600	215.01
#3	.00648	-.00041	13.661	.23160	.16210	.38689	214.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1700	60.234	1.0090	-.01613	1.1823	.33128	.76719
Stddev	.0294	.297	.0032	.00061	.0207	.00320	.00160
%RSD	.56892	.49351	.32002	3.8088	1.7486	.96626	.20849

#1	5.1619	60.377	1.0127	-.01606	1.2061	.33394	.76758
#2	5.2027	60.433	1.0078	-.01678	1.1720	.33216	.76855
#3	5.1456	59.893	1.0066	-.01555	1.1688	.32773	.76543

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.274	.00495	.12519	3.7690	3.7898	.03384	3.2211
Stddev	.067	.00034	.00369	.0103	.0456	.00060	.0066
%RSD	.54237	6.9525	2.9474	.27368	1.2022	1.7715	.20403

#1	12.345	.00462	.12866	3.7809	3.8032	.03418	3.2216
#2	12.213	.00531	.12561	3.7638	3.8272	.03420	3.2143
#3	12.265	.00491	.12131	3.7623	3.7391	.03315	3.2274

Sample Name: K2186-21 Acquired: 4/2/2019 13:41:07 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-78- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15850	6.299	-.13647	<.00000	F<.00000
Stddev	.00038	.007	.00029	.14586	.64833
%RSD	.23901	.1133	.21097	9.8982	.35979
#1	.15893	6.303	-.13651	-1.3329	-180.94
#2	.15835	6.302	-.13674	-1.6241	-179.78
#3	.15822	6.291	-.13617	-1.4638	-179.87
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4850.9	52552.	7260.0	80.841	4097.4
Stddev	2.7	261.	16.4	1.088	9.0
%RSD	.05555	.49718	.22525	1.3460	.22006
#1	4853.5	52313.	7269.5	81.614	4089.7
#2	4848.1	52512.	7241.1	81.313	4095.0
#3	4851.0	52831.	7269.4	79.597	4107.3

Sample Name: CCV02 Acquired: 4/2/2019 13:45:41 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14793 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1652	5.0848	5.1400	5.1774	5.2158	10.502	10.606	.25982
Stddev	.0107	.0172	.0128	.0050	.0042	.113	.138	.00043
%RSD	.20626	.33808	.24900	.09721	.07996	1.0740	1.2989	.16523
#1	5.1716	5.0693	5.1276	5.1831	5.2197	10.439	10.448	.26032
#2	5.1529	5.1033	5.1392	5.1754	5.2164	10.434	10.701	.25955
#3	5.1711	5.0818	5.1532	5.1736	5.2114	10.632	10.671	.25960
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5406	25.550	1.0455	2.5574	1.2840	5.2486	2.6060	26.917
Stddev	.0049	.050	.0032	.0045	.0020	.0185	.0058	.371
%RSD	.19094	.19451	.30664	.17476	.15403	.35324	.22168	1.3786
#1	2.5353	25.499	1.0426	2.5522	1.2862	5.2490	2.6112	26.704
#2	2.5447	25.555	1.0449	2.5599	1.2828	5.2299	2.5998	26.702
#3	2.5419	25.598	1.0490	2.5600	1.2828	5.2669	2.6069	27.346
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5294	1.3162	26.538	2.6031	2.5764	26.075	5.3026	5.3499
Stddev	.0054	.0029	.186	.0094	.0035	.110	.0022	.0500
%RSD	.21370	.22086	.70015	.36210	.13622	.42045	.04118	.93462
#1	2.5232	1.3156	26.396	2.5983	2.5731	25.965	5.3012	5.3222
#2	2.5332	1.3137	26.470	2.5971	2.5801	26.075	5.3051	5.3199
#3	2.5316	1.3194	26.749	2.6140	2.5760	26.185	5.3015	5.4076
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1305	5.3372	5.2093	5.3172	4.8688	5.089	5.1143	F 4.1775
Stddev	.0279	.0386	.0066	.0178	.0467	.005	.0384	.1699
%RSD	.54399	.72406	.12644	.33483	.95954	.0990	.74987	4.0680
#1	5.1123	5.3519	5.2032	5.3230	4.8788	5.088	5.1145	4.0331
#2	5.1626	5.3663	5.2163	5.3313	4.9096	5.094	5.1526	4.1347
#3	5.1165	5.2933	5.2082	5.2972	4.8178	5.084	5.0759	4.3648

Sample Name: CCV02 Acquired: 4/2/2019 13:45:41 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14793 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4883
Stddev .5939
%RSD 17.024

#1 3.1395
#2 3.1514
#3 4.1740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4249.4	46215.	6276.7	81.181	4126.7
Stddev	4.7	78.	72.7	1.648	2.8
%RSD	.11139	.16833	1.1579	2.0298	.06868

#1	4244.1	46304.	6255.2	83.059	4130.0
#2	4253.3	46158.	6217.3	80.510	4124.8
#3	4250.8	46184.	6357.8	79.975	4125.4

Sample Name: CCB02 Acquired: 4/2/2019 13:49:47 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14793 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	-.00140	.00177	.00064	.00110	-.00366	.00121	.00002
Stddev	.00117	.00047	.00061	.00136	.00055	.00254	.00012	.00004
%RSD	55.535	33.722	34.657	213.95	49.852	69.347	10.035	264.39
#1	.00150	-.00193	.00235	.00204	.00148	-.00537	.00111	.00007
#2	.00136	-.00126	.00113	-.00069	.00047	-.00486	.00117	-.00001
#3	.00345	-.00101	.00182	.00056	.00135	-.00074	.00135	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00226	.00013	-.00003	.00040	-.00007	.00010	.04627
Stddev	.00003	.00239	.00027	.00004	.00023	.00017	.00003	.05246
%RSD	30.872	105.71	199.61	142.09	56.812	246.65	26.882	113.38
#1	.00007	.00408	.00037	-.00007	.00051	.00010	.00007	.02816
#2	.00012	-.00045	-.00016	.00000	.00054	-.00024	.00013	.10538
#3	.00009	.00315	.00019	-.00001	.00014	-.00007	.00010	.00526
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00029	-.16280	-.00014	.00189	.00246	.00029	-.00078
Stddev	.00021	.00036	.00160	.00005	.00019	.04477	.00009	.00158
%RSD	54.824	126.36	.98570	37.827	9.9126	1817.8	29.433	203.02
#1	.00056	-.00066	-.16335	-.00020	.00210	.04925	.00039	-.00157
#2	.00043	.00006	-.16406	-.00009	.00183	-.00189	.00026	-.00182
#3	.00015	-.00026	-.16099	-.00014	.00174	-.03998	.00022	.00104
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	-.00090	-.00173	.00143	-.00394	-.0004	.00013	F 2.0073
Stddev	.00284	.00106	.00026	.00075	.00156	.0005	.00002	.2587
%RSD	138.51	118.73	15.154	52.797	39.502	138.2	12.803	12.891
#1	.00471	-.00022	-.00187	.00125	-.00519	-.0009	.00012	1.7087
#2	.00237	-.00212	-.00142	.00226	-.00220	.0001	.00012	2.1654
#3	-.00094	-.00035	-.00188	.00078	-.00443	-.0003	.00015	2.1478

Sample Name: CCB02 Acquired: 4/2/2019 13:49:47 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14793 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0943
Stddev .5172
%RSD 47.257

#1 .86695
#2 1.6862
#3 .72982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4586.8	49351.	6497.5	86.997	4775.6
Stddev	15.3	68.	74.8	1.350	13.4
%RSD	.33354	.13726	1.1520	1.5518	.28066

#1	4571.3	49360.	6421.1	85.492	4760.1
#2	4587.2	49414.	6570.7	88.100	4783.1
#3	4601.9	49279.	6500.7	87.400	4783.5

Sample Name: K2208-02 Acquired: 4/2/2019 13:54:16 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EFFL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00771	-.00251	.05034	.00819	.00972	3.8978	.13513
Stddev	.00063	.00064	.00115	.00160	.00201	.0217	.00097
%RSD	8.2119	25.551	2.2753	19.481	20.693	.55604	.71785

#1	.00841	-.00269	.04920	.00888	.01185	3.8849	.13431
#2	.00716	-.00180	.05033	.00933	.00944	3.9228	.13620
#3	.00757	-.00304	.05149	.00637	.00786	3.8857	.13488

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00021	59.889	.02030	.00116	.03676	5.2274
Stddev	.00005	.00006	.162	.00040	.00025	.00026	.0162
%RSD	307.14	29.575	.27045	1.9890	21.724	.71591	.31058

#1	.00006	-.00028	59.851	.02074	.00145	.03678	5.2087
#2	-.00003	-.00022	59.749	.01995	.00102	.03702	5.2376
#3	.00002	-.00015	60.066	.02020	.00101	.03649	5.2359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44816	14.663	.01300	-.00072	27.114	.04467	.81528
Stddev	.00062	.086	.00024	.00018	.131	.00014	.00110
%RSD	.13903	.58467	1.8478	25.506	.48343	.31617	.13543

#1	.44785	14.606	.01315	-.00063	27.001	.04483	.81655
#2	.44888	14.761	.01272	-.00059	27.258	.04456	.81453
#3	.44776	14.621	.01312	-.00093	27.084	.04462	.81477

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8342	.00636	.14971	F 18.278	F 11.841	-.00093	.08966
Stddev	.0233	.00019	.01079	.084	.030	.00012	.00262
%RSD	.48237	2.9833	7.2083	.45745	.25001	12.623	2.9269

#1	4.8161	.00638	.13788	18.297	11.858	-.00080	.09100
#2	4.8605	.00617	.15902	18.187	11.807	-.00097	.09134
#3	4.8259	.00655	.15223	18.351	11.858	-.00103	.08664

Sample Name: K2208-02 Acquired: 4/2/2019 13:54:16 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EFFL-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00550	3.605	.24328	3.6935	F<.00000
Stddev	.00161	.023	.00069	.0925	.44846
%RSD	29.299	.6345	.28383	2.5045	24.284
#1	.00640	3.606	.24394	3.6324	-1.6804
#2	.00646	3.581	.24256	3.7999	-2.3546
#3	.00364	3.627	.24335	3.6481	-1.5052
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4264.6	46527.	6319.4	82.090	4274.7
Stddev	20.6	153.	33.0	1.150	16.0
%RSD	.48350	.32919	.52223	1.4013	.37341
#1	4243.5	46451.	6283.1	82.151	4259.0
#2	4265.6	46427.	6347.6	83.208	4274.2
#3	4284.7	46703.	6327.6	80.910	4290.9

Sample Name: K2093-21 Acquired: 4/2/2019 13:58:35 Type: Unk
Method: P4-ICP2(v3012) 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	.00358	-.00100	.00707	.00578	.00576	.44209	.05786	-.00006
Stddev	.00329	.00075	.00012	.00057	.00244	.01724	.00062	.00010
%RSD	92.069	74.843	1.6533	9.8978	42.389	3.9006	1.0721	165.61

#1	.00517	-.00077	.00700	.00606	.00377	.43091	.05792	-.00006
#2	-.00021	-.00183	.00700	.00617	.00848	.43340	.05721	.00004
#3	.00577	-.00039	.00720	.00512	.00502	.46195	.05844	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	157.32	-.00044	.00306	.00120	13.123	.21127	2.7932
Stddev	.00003	1.35	.00029	.00002	.00024	.012	.00113	.0403
%RSD	19.579	.85888	66.650	.66471	19.756	.09214	.53423	1.4414

#1	.00015	156.39	-.00065	.00309	.00096	13.135	.21135	2.8274
#2	.00012	158.87	-.00011	.00305	.00121	13.122	.21235	2.8033
#3	.00018	156.70	-.00056	.00306	.00143	13.111	.21010	2.7488

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00828	-.00150	49.731	.00436	.32397	3.6959	.03539	.41685
Stddev	.00018	.00032	.268	.00021	.00051	.0242	.00024	.02375
%RSD	2.1409	21.375	.53924	4.9188	.15814	.65379	.66960	5.6975

#1	.00824	-.00148	50.018	.00450	.32422	3.7237	.03542	.44425
#2	.00813	-.00183	49.487	.00448	.32338	3.6796	.03514	.40214
#3	.00848	-.00119	49.687	.00412	.32430	3.6845	.03562	.40416

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9243	1.6984	-.00095	.00585	.10720	.2181	.33245	3.3353
Stddev	.0200	.0219	.00022	.00869	.00116	.0033	.00272	.1348
%RSD	.68297	1.2875	22.773	148.64	1.0790	1.499	.81724	4.0404

#1	2.9215	1.6769	-.00096	.01588	.10615	.2166	.33075	3.3416
#2	2.9058	1.7206	-.00115	.00112	.10844	.2158	.33558	3.1975
#3	2.9455	1.6975	-.00072	.00054	.10699	.2218	.33101	3.4668

Sample Name: K2093-21 Acquired: 4/2/2019 13:58:35 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4482
Stddev	.3620
%RSD	25.000

#1	1.7776
#2	1.5063
#3	1.0606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4255.9	47344.	6509.8	84.219	4247.2
Stddev	11.7	90.	70.0	.983	7.6
%RSD	.27603	.18934	1.0757	1.1676	.17785

#1	4242.6	47349.	6572.0	85.334	4238.5
#2	4260.1	47432.	6434.0	83.475	4252.4
#3	4264.9	47253.	6523.3	83.849	4250.5

Sample Name: PB118490BS Acquired: 4/2/2019 14:07:26 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118490BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72813	1.8736	.92934	1.9057	.76533	1.8992	.19979
Stddev	.00315	.0080	.00128	.0015	.00133	.0235	.00231
%RSD	.43262	.42887	.13811	.08077	.17406	1.2395	1.1539

#1	.72744	1.8644	.92788	1.9074	.76640	1.8836	.19905
#2	.72539	1.8768	.92989	1.9051	.76576	1.9263	.20238
#3	.73157	1.8794	.93026	1.9046	.76384	1.8877	.19795

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19383	.18220	.96791	.40065	.18767	.30860	3.0492
Stddev	.00043	.00020	.01003	.00224	.00034	.00010	.0149
%RSD	.22322	.10937	1.0366	.55817	.18108	.03349	.48779

#1	.19421	.18197	.97949	.40312	.18775	.30870	3.0661
#2	.19392	.18233	.96188	.39876	.18795	.30860	3.0436
#3	.19336	.18230	.96236	.40008	.18729	.30849	3.0380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20137	1.9984	.47088	.07110	2.8304	.29598	.18664
Stddev	.00011	.0331	.00034	.00080	.0331	.00287	.00013
%RSD	.05687	1.6564	.07284	1.1250	1.1683	.96931	.06918

#1	.20150	2.0013	.47075	.07185	2.8255	.29917	.18654
#2	.20131	2.0300	.47127	.07026	2.8656	.29519	.18678
#3	.20131	1.9640	.47063	.07121	2.8000	.29360	.18658

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7721	.38464	.28820	8.4598	.87606	.64638	.19505
Stddev	.0149	.00071	.00706	.0306	.00558	.00131	.00136
%RSD	.15269	.18480	2.4491	.36180	.63740	.20276	.69844

#1	9.7753	.38392	.29185	8.4265	.87857	.64490	.19387
#2	9.7852	.38465	.29268	8.4661	.86966	.64686	.19473
#3	9.7558	.38534	.28006	8.4868	.87994	.64739	.19654

Sample Name: PB118490BS Acquired: 4/2/2019 14:07:26 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118490BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18175	5.080	.18766	F 2.9774	F<.00000
Stddev	.00314	.014	.00016	.2249	.27480
%RSD	1.7251	.2756	.08311	7.5544	11.160

#1	.18012	5.064	.18775	3.2363	-2.4670
#2	.17978	5.087	.18748	2.8305	-2.7349
#3	.18537	5.089	.18775	2.8653	-2.1854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4401.4	47548.	6305.8	85.189	4567.5
Stddev	1.5	154.	62.7	1.116	2.7
%RSD	.03512	.32471	.99448	1.3097	.05969

#1	4399.9	47381.	6262.7	85.567	4570.6
#2	4401.3	47577.	6377.7	86.067	4566.5
#3	4403.0	47686.	6277.0	83.933	4565.5

Sample Name: PB118490BL Acquired: 4/2/2019 14:11:30 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118490BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00073	.00103	-.00050	.00113	-.00006	.00048	.00003
Stddev	.00222	.00087	.00094	.00059	.00062	.00769	.00013	.00003
%RSD	146.45	118.76	91.310	117.57	54.905	11998.	27.219	104.59
#1	-.00376	.00000	.00163	-.00084	.00047	.00660	.00037	.00001
#2	-.00147	-.00050	-.00005	.00018	.00122	.00168	.00046	.00002
#3	.00068	-.00168	.00150	-.00084	.00171	-.00848	.00063	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00794	-.00006	-.00001	.00007	.00117	.00001	.05723
Stddev	.00001	.00723	.00025	.00006	.00039	.00118	.00004	.00970
%RSD	58.988	91.161	388.03	510.38	528.91	101.12	261.66	16.952
#1	.00001	.00918	.00008	.00005	.00022	.00248	-.00001	.05176
#2	.00002	.01447	.00008	-.00006	.00036	.00084	.00000	.05151
#3	.00003	.00016	-.00035	-.00003	-.00036	.00019	.00005	.06844
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00046	-.25323	-.00003	.00032	-.07536	.00009	-.00098
Stddev	.00021	.00026	.00137	.00039	.00008	.05975	.00040	.00958
%RSD	659.11	54.909	.53962	1234.6	24.503	79.283	469.26	978.49
#1	.00018	-.00049	-.25316	.00038	.00036	-.12911	.00018	.00725
#2	-.00003	-.00071	-.25189	-.00039	.00038	-.08594	-.00035	-.01150
#3	-.00024	-.00020	-.25462	-.00009	.00023	-.01103	.00043	.00132
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	-.00034	-.00230	-.00040	-.00484	-.0014	-.00002	F 2.6427
Stddev	.00232	.00044	.00045	.00226	.00099	.0008	.00000	.1565
%RSD	92.447	130.86	19.330	570.47	20.521	59.12	13.536	5.9231
#1	.00234	.00008	-.00245	-.00300	-.00455	-.0005	-.00002	2.4827
#2	.00028	-.00080	-.00181	.00072	-.00402	-.0016	-.00001	2.6498
#3	.00491	-.00030	-.00266	.00109	-.00595	-.0021	-.00002	2.7955

Sample Name: PB118490BL Acquired: 4/2/2019 14:11:30 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118490BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.2389
 Stddev .3399
 %RSD 27.436

#1 1.4494
 #2 .84675
 #3 1.4204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4416.9	47777.	6315.7	84.506	4602.8
Stddev	2.7	35.	51.6	1.344	2.6
%RSD	.06137	.07222	.81645	1.5909	.05587

#1	4419.9	47742.	6279.9	83.025	4603.9
#2	4414.7	47811.	6292.4	84.842	4604.7
#3	4416.1	47779.	6374.8	85.650	4599.9

Sample Name: K2178-01 Acquired: 4/2/2019 14:15:58 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-16 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03928	.00595	1.7082	.11282	.01151	177.83	1.8690
Stddev	.00181	.00121	.0029	.00295	.00164	.47	.0085
%RSD	4.6200	20.321	.16926	2.6163	14.293	.26282	.45307

#1	.03873	.00592	1.7098	.11262	.01313	177.34	1.8593
#2	.04131	.00475	1.7049	.11587	.00984	177.87	1.8728
#3	.03781	.00717	1.7099	.10997	.01154	178.27	1.8748

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00538	.01111	627.06	.37566	.16738	.79107	269.62
Stddev	.00013	.00012	1.06	.00167	.00066	.00291	.40
%RSD	2.3989	1.0503	.16917	.44389	.39552	.36815	.14917

#1	.00545	.01104	626.37	.37543	.16703	.79368	269.62
#2	.00523	.01124	626.53	.37743	.16698	.79158	269.22
#3	.00545	.01104	628.28	.37412	.16815	.78793	270.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6116	289.31	.35368	-.02504	11.112	.74648	3.1324
Stddev	.0102	1.00	.00109	.00086	.038	.00630	.0100
%RSD	.22166	.34542	.30721	3.4249	.33987	.84372	.31881

#1	4.6187	289.79	.35291	-.02509	11.070	.74799	3.1292
#2	4.6162	288.16	.35321	-.02588	11.123	.75188	3.1244
#3	4.5999	289.97	.35492	-.02416	11.143	.73956	3.1436

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.352	.01431	.13842	F 17.398	3.2126	.08618	9.7748
Stddev	.075	.00011	.01342	.126	.0107	.00133	.0260
%RSD	.17314	.78853	9.6928	.72177	.33293	1.5465	.26548

#1	43.324	.01444	.15391	17.260	3.2185	.08577	9.7587
#2	43.294	.01424	.13087	17.428	3.2190	.08510	9.7609
#3	43.436	.01425	.13048	17.506	3.2002	.08767	9.8047

Sample Name: K2178-01 Acquired: 4/2/2019 14:15:58 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-16 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23882	F 10.40	.72267	1.0872	F<.00000
Stddev	.00176	.08	.00107	.2021	1.8391
%RSD	.73900	.7763	.14855	18.590	.71844
#1	.23678	10.32	.72145	1.3090	-253.87
#2	.23988	10.40	.72306	1.0391	-257.13
#3	.23980	10.48	.72349	.91342	-256.98
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4283.9	47748.	6966.2	74.939	3424.8
Stddev	24.1	179.	35.8	1.548	9.8
%RSD	.56263	.37560	.51355	2.0658	.28617
#1	4260.6	47559.	6926.9	73.151	3415.8
#2	4282.5	47768.	6974.6	75.837	3435.2
#3	4308.7	47916.	6996.9	75.829	3423.2

Sample Name: K2178-01DUP Acquired: 4/2/2019 14:20:21 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04055	.00803	1.7060	.11451	.01150	176.75	1.8448
Stddev	.00361	.00209	.0044	.00305	.00300	.57	.0024
%RSD	8.9136	25.977	.26006	2.6651	26.043	.32398	.12790

#1	.03688	.00993	1.7050	.11783	.00863	177.28	1.8442
#2	.04067	.00837	1.7021	.11184	.01126	176.83	1.8474
#3	.04410	.00580	1.7108	.11385	.01461	176.14	1.8428

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00541	.01154	629.24	.37267	.16609	.79207	266.82
Stddev	.00010	.00026	2.90	.00230	.00024	.00714	1.51
%RSD	1.7634	2.2267	.46108	.61624	.14235	.90096	.56697

#1	.00530	.01151	626.76	.37503	.16629	.79667	266.88
#2	.00547	.01180	632.43	.37044	.16583	.79569	265.29
#3	.00546	.01129	628.53	.37254	.16617	.78385	268.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5906	287.10	.35341	-.02446	10.940	.73970	3.1263
Stddev	.0019	.73	.00030	.00046	.024	.00703	.0030
%RSD	.04214	.25421	.08574	1.8845	.21651	.95056	.09514

#1	4.5889	286.25	.35309	-.02493	10.915	.74555	3.1238
#2	4.5927	287.53	.35344	-.02444	10.963	.73190	3.1256
#3	4.5901	287.51	.35370	-.02401	10.943	.74165	3.1296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.141	.01383	.14888	F 17.387	3.2646	.08527	9.8292
Stddev	.153	.00041	.01259	.012	.0344	.00115	.0480
%RSD	.35481	2.9367	8.4552	.07010	1.0528	1.3496	.48859

#1	43.306	.01419	.13522	17.393	3.3019	.08543	9.8052
#2	43.113	.01339	.16001	17.395	3.2343	.08404	9.8845
#3	43.003	.01392	.15142	17.373	3.2575	.08633	9.7979

Sample Name: K2178-01DUP Acquired: 4/2/2019 14:20:21 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24027	F 10.36	.73000	.24892	F<.00000
Stddev	.00114	.00	.00612	.25429	4.3303
%RSD	.47432	.0381	.83785	102.16	1.7183
#1	.24100	10.36	.72786	.32921	-256.81
#2	.24086	10.37	.73691	.45338	-248.39
#3	.23896	10.36	.72525	-.03583	-250.84
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4282.2	48338.	6953.7	74.690	3437.4
Stddev	9.6	128.	25.1	.878	.7
%RSD	.22533	.26554	.36062	1.1752	.01983
#1	4274.9	48224.	6952.2	74.591	3436.9
#2	4278.5	48313.	6929.4	73.865	3438.2
#3	4293.1	48477.	6979.5	75.612	3437.2

Sample Name: K2178-01LX5 Acquired: 4/2/2019 14:24:45 Type: Unk
Method: P4-ICP2(v3012) 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	.00911	.00131	.33089	.03270	.00224	35.667	.37607
Stddev	.00143	.00024	.00197	.00231	.00092	.262	.00225
%RSD	15.673	17.983	.59526	7.0598	41.075	.73508	.59720

#1	.00796	.00154	.33084	.03006	.00262	35.599	.37697
#2	.01071	.00131	.32895	.03433	.00292	35.956	.37773
#3	.00867	.00107	.33289	.03372	.00119	35.445	.37352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	-.00077	139.62	.08059	.03145	.17713	69.462
Stddev	.00003	.00012	.73	.00035	.00018	.00032	.791
%RSD	3.4353	15.974	.52366	.42879	.56537	.18230	1.1394

#1	.00104	-.00068	140.34	.08084	.03160	.17748	68.694
#2	.00098	-.00072	139.65	.08074	.03125	.17707	69.417
#3	.00104	-.00091	138.87	.08020	.03150	.17685	70.275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0318	60.380	.06695	-.00367	1.9787	.16054	.57211
Stddev	.0004	.265	.00081	.00037	.0142	.00134	.00121
%RSD	.04271	.43913	1.2059	10.135	.71540	.83594	.21181

#1	1.0316	60.367	.06613	-.00350	1.9832	.15906	.57150
#2	1.0314	60.651	.06775	-.00342	1.9901	.16087	.57350
#3	1.0323	60.122	.06697	-.00410	1.9629	.16168	.57132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6689	.00331	.05508	3.1096	.73403	.01549	2.1589
Stddev	.0485	.00016	.01837	.0093	.00430	.00103	.0010
%RSD	.55921	4.9081	33.345	.29842	.58532	6.6340	.04714

#1	8.6661	.00315	.05052	3.1046	.73809	.01645	2.1583
#2	8.7187	.00330	.07530	3.1204	.72953	.01562	2.1583
#3	8.6218	.00347	.03943	3.1040	.73445	.01441	2.1601

Sample Name: K2178-01LX5 Acquired: 4/2/2019 14:24:45 Type: Unk
 Method: P4-ICP2(v3012) 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	.04492	1.883	.14531	2.7987	F<.00000
Stddev	.00171	.002	.00280	.1468	.31872
%RSD	3.8175	.1233	1.9256	5.2456	2.0353
#1	.04687	1.883	.14761	2.6811	-15.576
#2	.04366	1.885	.14612	2.9632	-15.391
#3	.04423	1.881	.14219	2.7517	-16.012
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4269.8	47164.	6468.5	81.468	4044.7
Stddev	7.1	136.	25.1	1.232	4.5
%RSD	.16649	.28929	.38766	1.5129	.11115
#1	4262.5	47164.	6440.9	80.186	4040.8
#2	4270.2	47028.	6475.0	81.575	4043.6
#3	4276.7	47300.	6489.8	82.644	4049.6

Sample Name: K2178-01MS Acquired: 4/2/2019 14:43:49 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79774	1.8537	3.0026	1.8492	.13811	186.00	2.0678
Stddev	.01305	.0263	.0311	.0178	.00337	.24	.0009
%RSD	1.6359	1.4179	1.0341	.96172	2.4422	.12967	.04389

#1	.81258	1.8837	3.0382	1.8696	.14112	185.76	2.0688
#2	.78806	1.8422	2.9890	1.8407	.13875	186.25	2.0670
#3	.79258	1.8350	2.9807	1.8371	.13447	185.99	2.0676

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18909	.20174	587.60	.72217	.36524	1.0152	280.40
Stddev	.00023	.00260	1.19	.00352	.00364	.0111	.89
%RSD	.12394	1.2897	.20287	.48696	.99788	1.0970	.31590

#1	.18901	.20461	587.77	.71976	.36936	1.0280	280.78
#2	.18891	.20105	588.70	.72620	.36392	1.0075	279.39
#3	.18936	.19954	586.34	.72054	.36244	1.0101	281.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0084	260.03	.86588	.04180	14.450	1.0363	3.1904
Stddev	.0130	.49	.00858	.00024	.031	.0035	.0375
%RSD	.26044	.19017	.99129	.57525	.21332	.33586	1.1745

#1	4.9943	259.50	.87577	.04205	14.431	1.0323	3.2324
#2	5.0109	260.48	.86148	.04179	14.432	1.0389	3.1784
#3	5.0201	260.11	.86039	.04157	14.485	1.0377	3.1604

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.366	.35265	.41387	F 27.861	4.2380	.73458	F 10.352
Stddev	.106	.00320	.01371	.304	.0229	.00696	.047
%RSD	.19924	.90657	3.3130	1.0919	.54029	.94780	.45176

#1	53.285	.35634	.40365	28.205	4.2559	.74162	10.382
#2	53.486	.35072	.42945	27.749	4.2460	.73443	10.375
#3	53.326	.35088	.40852	27.628	4.2122	.72770	10.298

Sample Name: K2178-01MS Acquired: 4/2/2019 14:43:49 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41824	F 16.04	.87344	.36053	F<.00000
Stddev	.00098	.21	.00678	.27718	2.7077
%RSD	.23374	1.303	.77591	76.879	.94975

#1	.41807	16.27	.87607	.09972	-285.07
#2	.41735	15.96	.87850	.33029	-287.81
#3	.41929	15.88	.86574	.65159	-282.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4420.0	48829.	7093.8	75.936	3541.2
Stddev	32.0	86.	20.9	1.584	32.0
%RSD	.72510	.17690	.29477	2.0865	.90332

#1	4383.5	48813.	7073.3	77.552	3507.3
#2	4432.5	48922.	7092.9	75.870	3545.7
#3	4443.8	48751.	7115.1	74.385	3570.8

Sample Name: K2178-01MSD Acquired: 4/2/2019 14:48:12 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80650	1.8659	3.0208	1.8648	.14417	185.08	2.0593
Stddev	.00555	.0010	.0200	.0103	.00100	.56	.0108
%RSD	.68771	.05501	.66120	.54944	.69148	.30214	.52376

#1	.81148	1.8671	3.0095	1.8758	.14324	185.72	2.0698
#2	.80750	1.8653	3.0438	1.8555	.14406	184.83	2.0597
#3	.80052	1.8654	3.0090	1.8632	.14522	184.69	2.0482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18925	.20387	588.33	.71886	.37002	1.0235	277.87
Stddev	.00046	.00149	3.03	.00462	.00159	.0042	2.05
%RSD	.24518	.73002	.51484	.64230	.42984	.41041	.73836

#1	.18881	.20315	588.36	.72361	.37103	1.0278	279.93
#2	.18973	.20558	585.28	.71858	.37085	1.0234	275.82
#3	.18921	.20287	591.34	.71439	.36819	1.0194	277.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0199	259.25	.87667	.04137	14.377	1.0291	3.2155
Stddev	.0078	1.41	.00507	.00054	.093	.0075	.0171
%RSD	.15557	.54271	.57784	1.3111	.64779	.72607	.53259

#1	5.0286	260.55	.87805	.04137	14.454	1.0357	3.2089
#2	5.0137	259.44	.88090	.04083	14.403	1.0307	3.2349
#3	5.0173	257.75	.87106	.04191	14.273	1.0210	3.2026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.033	.35607	.40347	F 28.094	4.2671	.74379	F 10.351
Stddev	.273	.00181	.02060	.156	.0306	.00230	.065
%RSD	.51423	.50858	5.1053	.55520	.71583	.30902	.62542

#1	53.331	.35814	.39126	27.951	4.2716	.74145	10.379
#2	52.975	.35528	.39189	28.260	4.2345	.74604	10.276
#3	52.795	.35479	.42725	28.071	4.2951	.74390	10.396

Sample Name: K2178-01MSD Acquired: 4/2/2019 14:48:12 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41750	F 16.12	.87655	.02355	F<.00000
Stddev	.00236	.06	.00512	.26706	3.2551
%RSD	.56611	.3535	.58412	1134.0	1.1401

#1	.41502	16.06	.87405	.32750	-284.66
#2	.41777	16.17	.87317	-.17351	-289.10
#3	.41972	16.12	.88244	-.08334	-282.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4389.4	49165.	7106.8	76.347	3518.6
Stddev	19.6	276.	64.7	1.105	19.4
%RSD	.44564	.56115	.91042	1.4478	.55263

#1	4374.1	48847.	7096.6	75.385	3525.4
#2	4382.6	49338.	7176.0	76.103	3496.7
#3	4411.4	49311.	7047.8	77.554	3533.8

Sample Name: K2178-01A Acquired: 4/2/2019 14:52:33 Type: Unk
Method: P4-ICP2(v3012) 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	.81896	1.9016	3.0701	1.8930	.14339	187.11	2.0794
Stddev	.00363	.0068	.0054	.0096	.00184	.14	.0033
%RSD	.44363	.35544	.17524	.50877	1.2820	.07726	.15750

#1	.81830	1.8938	3.0644	1.8996	.14152	187.01	2.0757
#2	.81571	1.9060	3.0751	1.8976	.14344	187.28	2.0814
#3	.82288	1.9050	3.0708	1.8820	.14520	187.04	2.0813

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19144	.20737	593.67	.72985	.37573	1.0386	280.95
Stddev	.00038	.00062	2.69	.00097	.00112	.0011	1.52
%RSD	.19979	.29830	.45332	.13227	.29840	.10269	.53984

#1	.19153	.20685	590.67	.73085	.37521	1.0389	282.61
#2	.19103	.20805	594.46	.72978	.37702	1.0374	280.62
#3	.19178	.20722	595.88	.72893	.37497	1.0394	279.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0537	262.32	.88938	.04238	14.531	1.0420	3.2746
Stddev	.0076	.96	.00201	.00037	.069	.0003	.0105
%RSD	.15048	.36675	.22581	.86298	.47550	.03197	.32127

#1	5.0549	261.21	.88983	.04197	14.452	1.0417	3.2638
#2	5.0607	262.75	.89113	.04249	14.563	1.0424	3.2848
#3	5.0456	262.98	.88719	.04268	14.578	1.0421	3.2752

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.543	.36033	.40614	F 28.304	4.3168	.75361	F 10.469
Stddev	.031	.00053	.00400	.152	.0059	.00445	.054
%RSD	.05792	.14711	.98469	.53619	.13681	.59075	.51939

#1	53.540	.35991	.40598	28.168	4.3126	.75363	10.406
#2	53.514	.36093	.40223	28.468	4.3142	.75805	10.495
#3	53.576	.36017	.41022	28.275	4.3236	.74915	10.505

Sample Name: K2178-01A Acquired: 4/2/2019 14:52:33 Type: Unk
 Method: P4-ICP2(v3012) 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	.42071	F 16.47	.88319	<.00000	F<.00000
Stddev	.00107	.05	.00514	.07365	1.2245
%RSD	.25335	.2895	.58143	855.21	.42147
#1	.41949	16.45	.87742	.00341	-290.42
#2	.42145	16.53	.88491	.05829	-291.80
#3	.42119	16.44	.88724	-.08754	-289.36
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4354.5	48819.	7065.3	76.130	3476.6
Stddev	9.5	82.	6.8	1.553	6.0
%RSD	.21844	.16799	.09568	2.0405	.17160
#1	4354.3	48726.	7057.9	76.015	3483.5
#2	4364.1	48849.	7071.3	74.637	3473.4
#3	4345.1	48881.	7066.6	77.737	3473.0

Sample Name: CCV03 Acquired: 4/2/2019 14:56:59 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14796 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1782	5.0914	5.1405	5.2026	5.2208	10.591	10.687	.25910
Stddev	.0237	.0416	.0294	.0163	.0163	.014	.080	.00042
%RSD	.45702	.81622	.57279	.31393	.31132	.13435	.74984	.16099
#1	5.1517	5.0598	5.1121	5.1841	5.2023	10.606	10.604	.25952
#2	5.1857	5.0759	5.1384	5.2150	5.2275	10.591	10.695	.25869
#3	5.1972	5.1385	5.1709	5.2087	5.2326	10.577	10.764	.25907
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5441	25.411	1.0520	2.5553	1.2782	5.2626	2.6127	27.088
Stddev	.0135	.083	.0052	.0138	.0056	.0133	.0011	.091
%RSD	.53021	.32594	.49723	.53808	.43797	.25316	.04375	.33735
#1	2.5294	25.326	1.0514	2.5399	1.2721	5.2611	2.6136	27.123
#2	2.5471	25.492	1.0575	2.5600	1.2793	5.2766	2.6132	27.156
#3	2.5559	25.414	1.0471	2.5661	1.2832	5.2501	2.6115	26.984
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5336	1.3224	26.873	2.6180	2.5791	26.300	5.2845	5.3355
Stddev	.0112	.0031	.012	.0127	.0118	.145	.0213	.0287
%RSD	.44299	.23722	.04595	.48351	.45868	.55029	.40211	.53812
#1	2.5208	1.3205	26.866	2.6137	2.5667	26.154	5.2614	5.3363
#2	2.5380	1.3260	26.866	2.6322	2.5804	26.443	5.2887	5.3639
#3	2.5419	1.3207	26.887	2.6080	2.5903	26.304	5.3033	5.3065
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1890	5.3051	5.2063	5.2972	4.8496	5.149	5.1039	F 4.2281
Stddev	.0451	.0269	.0365	.0233	.0172	.036	.0275	.1424
%RSD	.86954	.50642	.70138	.43900	.35546	.6994	.53896	3.3679
#1	5.1447	5.2746	5.1688	5.2757	4.8297	5.126	5.0724	4.2270
#2	5.1875	5.3254	5.2083	5.3219	4.8591	5.130	5.1227	4.3710
#3	5.2349	5.3152	5.2417	5.2941	4.8600	5.190	5.1168	4.0862

Sample Name: CCV03 Acquired: 4/2/2019 14:56:59 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14796 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5894
Stddev	.5506
%RSD	21.264

#1	3.2199
#2	2.3452
#3	2.2031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4272.1	46268.	6357.4	82.680	4142.3
Stddev	9.4	116.	21.5	1.362	16.2
%RSD	.22071	.25114	.33743	1.6468	.39159

#1	4283.0	46195.	6375.3	81.158	4160.3
#2	4267.7	46208.	6333.6	83.101	4138.0
#3	4265.8	46402.	6363.2	83.782	4128.7

Sample Name: CCB03 Acquired: 4/2/2019 15:05:35 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14796 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00165	.00062	-.00125	.00057	-.00364	.00089	.00002
Stddev	.00098	.00040	.00058	.00175	.00037	.00850	.00037	.00005
%RSD	54.383	24.019	93.444	140.12	65.025	233.43	42.267	256.80

#1	-.00235	-.00160	.00120	-.00049	.00080	-.00659	.00083	.00007
#2	-.00067	-.00128	.00061	-.00324	.00078	.00594	.00054	.00001
#3	-.00239	-.00206	.00004	-.00001	.00014	-.01028	.00129	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00336	-.00026	-.00021	-.00109	.00176	.00006	.03106
Stddev	.00002	.00637	.00019	.00014	.00045	.00024	.00003	.03889
%RSD	33.188	189.68	71.817	65.455	41.673	13.783	54.173	125.19

#1	.00003	-.00451	-.00030	-.00036	-.00079	.00202	.00008	.05560
#2	.00007	-.00907	-.00043	-.00009	-.00086	.00154	.00002	-.01377
#3	.00004	.00351	-.00006	-.00017	-.00161	.00172	.00008	.05135

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00012	-.30840	-.00005	.00071	-.02495	.00038	-.00397
Stddev	.00039	.00024	.00518	.00029	.00013	.02178	.00032	.01706
%RSD	533.74	203.39	1.6783	551.16	18.061	87.290	83.456	429.19

#1	-.00009	-.00005	-.31380	-.00003	.00085	-.00067	.00064	-.02220
#2	.00052	.00040	-.30792	-.00036	.00063	-.03143	.00047	-.00133
#3	-.00020	.00001	-.30348	.00023	.00064	-.04276	.00003	.01160

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00672	-.00297	-.00288	.00134	-.00550	-.0013	-.00001	F 2.6514
Stddev	.00191	.00185	.00007	.00062	.00144	.0011	.00001	.2589
%RSD	28.469	62.354	2.4522	46.218	26.116	82.21	106.70	9.7642

#1	.00686	-.00453	-.00284	.00195	-.00709	-.0021	-.00002	2.4461
#2	.00857	-.00345	-.00297	.00071	-.00428	-.0018	.00000	2.5659
#3	.00475	-.00092	-.00285	.00136	-.00514	-.0001	-.00001	2.9422

Sample Name: CCB03 Acquired: 4/2/2019 15:05:35 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14796 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .66048
Stddev	.37892
%RSD	57.371

#1	.26331
#2	1.0180
#3	.70010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4448.0	47971.	6535.8	86.289	4611.7
Stddev	11.5	141.	234.5	1.874	12.4
%RSD	.25882	.29381	3.5885	2.1721	.26837

#1	4460.7	47959.	6806.5	88.408	4625.9
#2	4445.0	48118.	6394.6	84.850	4603.2
#3	4438.3	47837.	6406.3	85.608	4605.9

Sample Name: K2186-01DLX10 Acquired: 4/2/2019 15:10:04 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-89- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06299	.00564	.99219	.05578	.01114	2.2271	.44559
Stddev	.00076	.00098	.00407	.00147	.00044	.0272	.00119
%RSD	1.2068	17.392	.41051	2.6421	3.9858	1.2192	.26749

#1	.06351	.00611	.98799	.05549	.01100	2.2036	.44444
#2	.06212	.00631	.99612	.05738	.01164	2.2208	.44550
#3	.06334	.00452	.99247	.05447	.01078	2.2568	.44682

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00209	.62301	.02030	.00864	.17222	108.17
Stddev	.00002	.00014	.01031	.00072	.00011	.00102	.85
%RSD	6.3293	6.5243	1.6550	3.5387	1.2977	.59437	.78850

#1	-.00035	-.00193	.62921	.02099	.00876	.17137	107.22
#2	-.00040	-.00219	.61111	.02035	.00858	.17336	108.41
#3	-.00038	-.00213	.62872	.01956	.00856	.17195	108.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21924	.41272	.02370	-.00664	-.18319	.04929	.14509
Stddev	.00024	.01102	.00025	.00040	.00576	.00047	.00064
%RSD	.10866	2.6695	1.0541	5.9947	3.1422	.94421	.43777

#1	.21900	.41856	.02350	-.00705	-.18983	.04876	.14439
#2	.21948	.41958	.02362	-.00626	-.18007	.04961	.14563
#3	.21925	.40001	.02398	-.00659	-.17966	.04951	.14525

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37502	.00706	.05636	3.5187	.31166	.03747	.37924
Stddev	.04971	.00015	.00392	.0064	.00394	.00039	.00416
%RSD	13.256	2.1601	6.9512	.18306	1.2652	1.0352	1.0979

#1	.31766	.00698	.05224	3.5117	.30784	.03706	.37462
#2	.40562	.00724	.05682	3.5243	.31571	.03783	.38041
#3	.40178	.00696	.06003	3.5201	.31143	.03751	.38270

Sample Name: K2186-01DLX10 Acquired: 4/2/2019 15:10:04 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-89- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00400	.6163	-.09247	1.7049	F<.00000
Stddev	.00063	.0020	.00091	.3122	.20354
%RSD	15.741	.3301	.98918	18.313	.50701

#1	-.00471	.6144	-.09146	1.3509	-39.921
#2	-.00376	.6161	-.09271	1.8230	-40.317
#3	-.00352	.6184	-.09324	1.9408	-40.200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4458.8	48446.	6497.8	84.366	4470.6
Stddev	10.4	104.	22.8	.661	13.0
%RSD	.23338	.21477	.35090	.78359	.29019

#1	4469.3	48543.	6514.0	83.816	4484.8
#2	4448.5	48458.	6471.7	85.099	4459.3
#3	4458.7	48336.	6507.7	84.181	4467.8

Sample Name: K2186-13DLX10 Acquired: 4/2/2019 15:14:32 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.00005	.04918	.00417	.00003	2.7247	.02158	.00013
Stddev	.00122	.00040	.00100	.00145	.00121	.0333	.00044	.00002
%RSD	105.87	816.26	2.0338	34.769	4489.6	1.2221	2.0234	13.129
#1	.00134	.00000	.05034	.00307	-.00119	2.6865	.02134	.00014
#2	.00228	-.00047	.04865	.00581	.00123	2.7396	.02132	.00012
#3	-.00015	.00032	.04856	.00363	.00004	2.7479	.02209	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	120.29	.00365	.00522	.02483	11.410	.23581	70.589
Stddev	.00002	.78	.00022	.00023	.00002	.044	.00026	.470
%RSD	10.398	.64725	6.0013	4.4140	.09874	.38417	.11224	.66614
#1	-.00018	119.42	.00391	.00549	.02481	11.444	.23576	70.050
#2	-.00020	120.94	.00354	.00508	.02481	11.425	.23557	70.915
#3	-.00022	120.49	.00352	.00510	.02486	11.360	.23609	70.802
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01522	-.00117	1.7221	.08448	.06760	.20580	.00071	.00622
Stddev	.00020	.00014	.0197	.00087	.00013	.03510	.00015	.00598
%RSD	1.2820	11.870	1.1415	1.0260	.19501	17.055	21.208	96.038
#1	.01543	-.00112	1.7012	.08463	.06769	.22432	.00054	.00886
#2	.01505	-.00132	1.7403	.08526	.06766	.22775	.00078	.01043
#3	.01519	-.00106	1.7247	.08355	.06745	.16531	.00082	-.00062
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9594	.04498	-.00056	.14691	.00272	.3003	.04950	3.1608
Stddev	.0088	.00299	.00079	.00135	.00144	.0018	.00041	.0473
%RSD	.45124	6.6488	140.63	.91574	52.870	.6063	.83740	1.4956
#1	1.9505	.04200	.00027	.14552	.00120	.3018	.04904	3.1498
#2	1.9682	.04798	-.00065	.14820	.00289	.2983	.04984	3.1201
#3	1.9594	.04496	-.00130	.14702	.00406	.3007	.04963	3.2126

Sample Name: K2186-13DLX10 Acquired: 4/2/2019 15:14:32 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.57816
Stddev	.71245
%RSD	123.23

#1	1.2654
#2	-.15703
#3	.62605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4296.4	47341.	6568.1	85.553	4191.9
Stddev	11.8	91.	4.8	.860	13.1
%RSD	.27495	.19156	.07280	1.0053	.31163

#1	4283.4	47293.	6563.1	85.236	4179.7
#2	4299.5	47285.	6572.7	84.897	4190.2
#3	4306.4	47446.	6568.4	86.527	4205.7

Sample Name: K2186-17DLX10 Acquired: 4/2/2019 15:18:55 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00749	-.00002	.22132	.00724	-.00026	4.9004	.07168	.00031
Stddev	.00169	.00042	.00046	.00190	.00140	.0485	.00087	.00005
%RSD	22.622	2713.9	.20824	26.304	545.13	.98909	1.2201	16.860

#1	.00600	-.00046	.22113	.00551	-.00049	4.8477	.07098	.00037
#2	.00933	.00039	.22184	.00928	.00125	4.9431	.07141	.00027
#3	.00713	.00002	.22098	.00694	-.00153	4.9103	.07266	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	140.97	.01640	.00630	.03899	15.624	.28520	80.961
Stddev	.00005	.42	.00037	.00019	.00032	.079	.00073	.923
%RSD	16.479	.29445	2.2446	3.0580	.81938	.50607	.25494	1.1406

#1	-.00038	140.73	.01601	.00611	.03894	15.560	.28436	79.928
#2	-.00027	141.45	.01645	.00649	.03933	15.601	.28559	81.249
#3	-.00031	140.74	.01674	.00630	.03869	15.713	.28565	81.706

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02175	-.00118	5.0424	.05977	.17797	1.0082	.00129	.03342
Stddev	.00010	.00040	.0780	.00058	.00026	.0270	.00037	.00769
%RSD	.44748	33.877	1.5468	.97453	.14422	2.6784	28.431	23.011

#1	.02178	-.00140	4.9554	.05988	.17801	1.0252	.00170	.02460
#2	.02183	-.00072	5.0659	.05914	.17770	.97706	.00115	.03691
#3	.02164	-.00141	5.1060	.06029	.17820	1.0224	.00101	.03874

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5650	.15740	.01151	.19273	.00704	.4428	.08099	3.7817
Stddev	.0056	.00103	.00053	.00192	.00136	.0013	.00003	.1226
%RSD	.21991	.65573	4.5738	.99825	19.344	.3027	.04285	3.2407

#1	2.5610	.15842	.01207	.19263	.00592	.4413	.08102	3.7401
#2	2.5714	.15742	.01145	.19085	.00666	.4440	.08100	3.6854
#3	2.5625	.15636	.01102	.19470	.00856	.4430	.08095	3.9197

Sample Name: K2186-17DLX10 Acquired: 4/2/2019 15:18:55 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BELT-PARKWAY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.25093
Stddev	.84792
%RSD	337.91

#1	-.18683
#2	1.2283
#3	-.28863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4185.7	46223.	6374.2	81.800	4052.9
Stddev	2.6	151.	33.4	1.502	5.6
%RSD	.06312	.32712	.52332	1.8365	.13844

#1	4187.5	46389.	6344.7	81.440	4046.4
#2	4186.9	46187.	6367.5	80.511	4056.4
#3	4182.6	46093.	6410.4	83.450	4055.8

Sample Name: K2178-01DLX10 Acquired: 4/2/2019 15:23:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00624	-.00022	.17391	.01939	.00141	18.383	.19453	.00055
Stddev	.00276	.00134	.00052	.00077	.00062	.180	.00191	.00004
%RSD	44.157	616.44	.29956	3.9550	43.559	.97660	.98054	6.6317
#1	.00445	.00030	.17444	.01850	.00193	18.243	.19247	.00057
#2	.00941	.00078	.17390	.01979	.00073	18.320	.19489	.00058
#3	.00486	-.00174	.17340	.01986	.00158	18.586	.19624	.00051
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	72.373	.04317	.01626	.09606	37.725	.54702	31.646
Stddev	.00013	1.477	.00046	.00031	.00067	.068	.00039	.606
%RSD	22.246	2.0414	1.0570	1.9248	.69978	.17958	.07185	1.9156
#1	-.00045	70.702	.04274	.01651	.09637	37.660	.54743	31.062
#2	-.00066	72.914	.04365	.01591	.09653	37.720	.54699	31.602
#3	-.00070	73.504	.04312	.01636	.09529	37.795	.54665	32.272
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03477	-.00193	.85631	.08428	.29537	4.3993	.00148	.02452
Stddev	.00024	.00031	.01986	.00075	.00049	.0753	.00035	.00183
%RSD	.69775	16.100	2.3196	.89140	.16706	1.7120	23.733	7.4677
#1	.03484	-.00207	.83367	.08359	.29594	4.3376	.00145	.02380
#2	.03497	-.00214	.86447	.08416	.29508	4.3770	.00185	.02316
#3	.03450	-.00157	.87080	.08508	.29509	4.4832	.00115	.02660
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5894	.37546	.00642	1.1134	.01950	.9703	.07406	3.0102
Stddev	.0091	.00499	.00048	.0238	.00124	.0024	.00271	.0611
%RSD	.57235	1.3300	7.4828	2.1402	6.3484	.2483	3.6533	2.0291
#1	1.5954	.37029	.00658	1.0883	.01820	.9688	.07129	2.9398
#2	1.5789	.37581	.00680	1.1162	.02066	.9731	.07418	3.0412
#3	1.5938	.38026	.00588	1.1357	.01964	.9691	.07670	3.0496

Sample Name: K2178-01DLX10 Acquired: 4/2/2019 15:23:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.40750
Stddev	.26033
%RSD	63.884

#1	.44069
#2	.64964
#3	.13217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4302.8	47944.	6583.1	85.385	4210.5
Stddev	11.5	21.	69.8	1.389	6.8
%RSD	.26780	.04363	1.0598	1.6269	.16158

#1	4295.7	47939.	6662.2	86.770	4203.0
#2	4296.6	47967.	6556.6	83.991	4211.9
#3	4316.1	47926.	6530.4	85.394	4216.4

Sample Name: K2178-01DUPDLX1 Acquired: 4/2/2019 15:27:34 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00407	.00060	.16839	.01751	.00167	18.198	.19207	.00055
Stddev	.00250	.00126	.00166	.00125	.00101	.099	.00124	.00007
%RSD	61.424	211.37	.98807	7.1303	60.221	.54445	.64304	13.206

#1	.00125	.00078	.16983	.01672	.00282	18.129	.19109	.00047
#2	.00495	-.00075	.16877	.01687	.00096	18.152	.19166	.00060
#3	.00602	.00175	.16657	.01895	.00123	18.311	.19345	.00057

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	71.530	.04230	.01567	.09292	37.117	.53951	31.078
Stddev	.00010	.299	.00106	.00021	.00103	.095	.00040	.148
%RSD	12.589	.41849	2.4974	1.3499	1.1109	.25668	.07363	.47643

#1	-.00083	71.217	.04187	.01588	.09404	37.036	.53994	30.908
#2	-.00066	71.558	.04350	.01566	.09272	37.222	.53943	31.179
#3	-.00081	71.814	.04152	.01546	.09201	37.093	.53916	31.146

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03420	-.00173	.84301	.08274	.28584	4.4352	.00131	.02761
Stddev	.00017	.00035	.01363	.00094	.00141	.0543	.00018	.00441
%RSD	.48310	20.475	1.6166	1.1348	.49410	1.2237	13.686	15.955

#1	.03421	-.00170	.83207	.08251	.28733	4.3778	.00151	.03108
#2	.03403	-.00209	.83867	.08377	.28565	4.4856	.00115	.02910
#3	.03436	-.00138	.85827	.08194	.28453	4.4422	.00128	.02265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5334	.37647	.00619	1.1102	.01907	.9408	.07411	3.2957
Stddev	.0014	.00445	.00037	.0056	.00026	.0049	.00013	.1502
%RSD	.09371	1.1820	6.0503	.50319	1.3800	.5248	.17229	4.5558

#1	1.5349	.37362	.00588	1.1093	.01937	.9445	.07419	3.2173
#2	1.5330	.38159	.00661	1.1162	.01893	.9352	.07419	3.2010
#3	1.5321	.37418	.00609	1.1051	.01891	.9426	.07397	3.4688

Sample Name: K2178-01DUPDLX1 Acquired: 4/2/2019 15:27:34 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-16DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.31254
%RSD	45.642

#1	-.73195
#2	-.97101
#3	-.35131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4301.8	47117.	6433.9	84.611	4212.5
Stddev	9.7	57.	14.2	1.521	9.3
%RSD	.22528	.12147	.22061	1.7972	.21972

#1	4296.9	47180.	6433.9	83.766	4204.4
#2	4295.5	47069.	6419.8	83.700	4210.6
#3	4312.9	47101.	6448.1	86.366	4222.6

Sample Name: K2178-01LDLX50 Acquired: 4/2/2019 15:31:53 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00011	.03598	.00251	.00072	3.7606	.04065	.00012
Stddev	.00112	.00059	.00078	.00259	.00159	.0846	.00089	.00003
%RSD	79.903	555.09	2.1559	103.21	220.90	2.2499	2.1800	27.558

#1	.00142	-.00059	.03660	.00145	.00021	3.7037	.03969	.00008
#2	.00251	-.00028	.03623	.00062	.00250	3.7203	.04081	.00013
#3	.00027	.00055	.03511	.00546	-.00055	3.8578	.04145	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	15.777	.00864	.00302	.01921	7.9733	.11630	6.5575
Stddev	.00006	1.373	.00031	.00034	.00037	.0915	.00121	.2454
%RSD	35.030	8.7042	3.6406	11.159	1.9284	1.1473	1.0422	3.7418

#1	-.00024	14.919	.00831	.00328	.01930	7.8742	.11501	6.3994
#2	-.00012	15.051	.00866	.00314	.01953	7.9913	.11741	6.4330
#3	-.00016	17.361	.00894	.00264	.01880	8.0545	.11650	6.8402

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	-.00073	-.08308	.01683	.05771	.90485	.00018	-.00363
Stddev	.00038	.00017	.01334	.00067	.00022	.04048	.00009	.01029
%RSD	5.5661	23.607	16.062	3.9706	.38132	4.4735	50.512	283.55

#1	.00677	-.00053	-.09118	.01683	.05795	.89998	.00008	-.00487
#2	.00659	-.00086	-.06768	.01749	.05768	.86702	.00021	-.01324
#3	.00733	-.00080	-.09038	.01616	.05752	.94754	.00025	.00723

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30752	.07996	-.00121	.23967	-.00014	.1855	.01571	2.4943
Stddev	.00400	.00818	.00042	.02201	.00267	.0022	.00204	.3201
%RSD	1.3008	10.229	34.777	9.1846	1918.7	1.165	13.004	12.834

#1	.31145	.07641	-.00151	.22625	.00008	.1862	.01462	2.2290
#2	.30345	.07415	-.00138	.22768	-.00291	.1872	.01444	2.4041
#3	.30765	.08931	-.00073	.26507	.00241	.1830	.01806	2.8499

Sample Name: K2178-01LDLX50 Acquired: 4/2/2019 15:31:53 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2331
 Stddev .5489
 %RSD 44.517

#1 1.8668
 #2 .90553
 #3 .92689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4409.6	47989.	6330.7	85.636	4491.8
Stddev	8.7	372.	437.9	5.387	5.8
%RSD	.19675	.77533	6.9179	6.2910	.12885

#1	4414.2	48401.	6576.7	89.042	4489.5
#2	4399.6	47888.	6590.5	88.442	4487.4
#3	4415.1	47677.	5825.1	79.425	4498.3

Sample Name: K2178-01MSDLX10 Acquired: 4/2/2019 15:36:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09353	.19906	.31057	.21974	.01570	19.823	.22307	.02129
Stddev	.00172	.00272	.00519	.00201	.00173	.185	.00162	.00015
%RSD	1.8390	1.3647	1.6726	.91253	11.034	.93171	.72642	.68698
#1	.09164	.19594	.30485	.21804	.01770	19.646	.22173	.02141
#2	.09501	.20091	.31187	.22195	.01479	19.808	.22261	.02112
#3	.09394	.20033	.31500	.21923	.01461	20.015	.22487	.02133
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01893	69.948	.08760	.03683	.12482	40.632	.61619	29.332
Stddev	.00044	.230	.00085	.00064	.00168	.274	.00027	.319
%RSD	2.3364	.32941	.97517	1.7284	1.3481	.67439	.04388	1.0872
#1	.01844	70.104	.08670	.03609	.12295	40.330	.61643	29.031
#2	.01930	69.683	.08771	.03722	.12620	40.703	.61590	29.298
#3	.01906	70.056	.08839	.03717	.12533	40.864	.61626	29.666
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08861	.00587	1.2517	.12201	.30259	5.6604	.04132	.06044
Stddev	.00108	.00088	.0127	.00131	.00510	.0776	.00045	.00593
%RSD	1.2158	14.939	1.0148	1.0746	1.6858	1.3704	1.0820	9.8135
#1	.08742	.00598	1.2380	.12216	.29673	5.5976	.04085	.06617
#2	.08951	.00668	1.2540	.12062	.30609	5.6364	.04174	.06083
#3	.08889	.00494	1.2631	.12323	.30494	5.7471	.04138	.05433
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5411	.51143	.07180	1.2207	.04033	1.527	.09337	2.8251
Stddev	.0446	.00603	.00143	.0042	.00084	.030	.00059	.2914
%RSD	1.7556	1.1789	1.9894	.34642	2.0825	1.941	.62775	10.313
#1	2.4901	.51834	.07016	1.2192	.03987	1.493	.09400	2.5202
#2	2.5606	.50870	.07274	1.2174	.04130	1.548	.09285	2.8543
#3	2.5727	.50725	.07252	1.2255	.03982	1.539	.09326	3.1008

Sample Name: K2178-01MSDLX10 Acquired: 4/2/2019 15:36:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.47334
%RSD	50.701

#1	-.98603
#2	-1.3785
#3	-.43622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4444.6	47848.	6530.9	83.583	4358.4
Stddev	34.3	220.	30.3	1.935	58.4
%RSD	.77202	.45875	.46424	2.3145	1.3396

#1	4484.1	48009.	6498.2	82.196	4425.8
#2	4422.6	47938.	6558.1	82.759	4325.6
#3	4427.1	47598.	6536.4	85.793	4323.8

Sample Name: K2178-01MSDDLX1 Acquired: 4/2/2019 15:40:31 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09234	.20499	.32142	.22253	.01548	20.117	.22551
Stddev	.00204	.00036	.00097	.00422	.00085	.059	.00211
%RSD	2.2100	.17624	.30132	1.8961	5.4899	.29491	.93399

#1	.09300	.20537	.32239	.22494	.01646	20.052	.22336
#2	.09005	.20465	.32142	.22499	.01502	20.132	.22560
#3	.09396	.20494	.32045	.21766	.01496	20.167	.22757

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02162	.01955	71.299	.08847	.03801	.12876	41.474
Stddev	.00004	.00010	.084	.00052	.00003	.00059	.236
%RSD	.20613	.52653	.11748	.59087	.07052	.45860	.56930

#1	.02160	.01966	71.269	.08815	.03803	.12918	41.267
#2	.02160	.01954	71.234	.08818	.03802	.12902	41.424
#3	.02168	.01945	71.393	.08907	.03798	.12809	41.731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62744	29.658	.09090	.00586	1.2649	.12542	.31341
Stddev	.00114	.155	.00016	.00021	.0078	.00121	.00032
%RSD	.18139	.52407	.17982	3.5212	.61797	.96127	.10295

#1	.62716	29.498	.09077	.00565	1.2562	.12490	.31305
#2	.62646	29.668	.09108	.00606	1.2672	.12457	.31368
#3	.62869	29.808	.09085	.00586	1.2714	.12680	.31350

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7429	.04282	.05315	2.6462	.52583	.07450	1.2383
Stddev	.0703	.00030	.01255	.0058	.00312	.00033	.0016
%RSD	1.2248	.69517	23.623	.21856	.59347	.44058	.13039

#1	5.6763	.04314	.06614	2.6422	.52942	.07430	1.2401
#2	5.8165	.04276	.05221	2.6528	.52382	.07487	1.2381
#3	5.7360	.04255	.04109	2.6436	.52424	.07431	1.2369

Sample Name: K2178-01MSDDLX1 Acquired: 4/2/2019 15:40:31 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-16MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03988	1.581	.09455	3.2708	F<.00000
Stddev	.00094	.004	.00017	.1381	.44577
%RSD	2.3517	.2568	.17970	4.2223	41.336
#1	.04042	1.579	.09472	3.1517	-.58811
#2	.03880	1.585	.09438	3.2384	-1.1878
#3	.04042	1.577	.09455	3.4222	-1.4593
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4335.9	47414.	6460.2	83.948	4245.5
Stddev	14.2	25.	48.0	1.192	10.6
%RSD	.32772	.05190	.74270	1.4204	.24961
#1	4322.4	47441.	6408.6	82.760	4237.6
#2	4334.7	47394.	6468.7	85.145	4241.2
#3	4350.7	47407.	6503.4	83.940	4257.5

Sample Name: K2178-01ADLX10 Acquired: 4/2/2019 15:44:46 Type: Unk
Method: P4-ICP2(v3012) 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	.09234	.20505	.32006	.22380	.01470	20.139	.22631	.02160
Stddev	.00085	.00013	.00138	.00230	.00006	.171	.00277	.00017
%RSD	.91540	.06266	.43251	1.0272	.41000	.84867	1.2222	.76579
#1	.09139	.20493	.31873	.22499	.01477	20.055	.22410	.02178
#2	.09301	.20519	.32149	.22526	.01465	20.027	.22542	.02145
#3	.09261	.20504	.31995	.22115	.01469	20.336	.22941	.02156
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01937	70.498	.08935	.03788	.12854	41.463	.62451	29.911
Stddev	.00011	.325	.00011	.00038	.00066	.314	.00105	.276
%RSD	.57640	.46070	.12379	1.0121	.51381	.75686	.16797	.92141
#1	.01938	70.238	.08945	.03754	.12916	41.376	.62403	29.911
#2	.01948	70.862	.08923	.03830	.12861	41.202	.62378	29.635
#3	.01926	70.394	.08935	.03779	.12784	41.811	.62571	30.186
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09046	.00516	1.2793	.12503	.31139	5.6978	.04227	.05315
Stddev	.00011	.00044	.0170	.00049	.00138	.0230	.00053	.01744
%RSD	.12261	8.4464	1.3308	.38893	.44277	.40399	1.2473	32.807
#1	.09052	.00471	1.2769	.12545	.31059	5.6783	.04169	.06266
#2	.09053	.00519	1.2636	.12450	.31299	5.7232	.04273	.06376
#3	.09033	.00558	1.2974	.12514	.31061	5.6920	.04238	.03302
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6229	.52268	.07399	1.2273	.04061	1.570	.09327	3.5714
Stddev	.0244	.00764	.00118	.0018	.00229	.009	.00030	.4754
%RSD	.92959	1.4625	1.5943	.14962	5.6317	.5551	.32313	13.311
#1	2.5976	.51875	.07358	1.2256	.03797	1.563	.09305	3.4738
#2	2.6463	.53149	.07307	1.2269	.04202	1.580	.09362	3.1523
#3	2.6247	.51781	.07532	1.2293	.04184	1.568	.09316	4.0880

Sample Name: K2178-01ADLX10 Acquired: 4/2/2019 15:44:46 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.45146
%RSD	57.866

#1	-.95873
#2	-.26674
#3	-1.1150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4282.9	46627.	6419.0	82.485	4190.1
Stddev	18.7	252.	31.2	2.317	18.2
%RSD	.43625	.54034	.48631	2.8090	.43512

#1	4265.6	46768.	6433.5	83.989	4172.5
#2	4280.5	46777.	6383.2	79.817	4189.0
#3	4302.7	46336.	6440.3	83.649	4208.9

Sample Name: PB118504BL Acquired: 4/2/2019 15:49:01 Type: Unk
Method: P4-ICP2(v3012) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00145	.00156	-.00100	.00070	-.00703	.00052	.00003
Stddev	.00065	.00010	.00059	.00181	.00076	.01101	.00026	.00003
%RSD	856.99	7.2087	37.528	180.67	108.85	156.51	49.935	112.55
#1	-.00018	-.00144	.00176	-.00182	.00098	.00236	.00047	.00005
#2	-.00041	-.00136	.00090	.00107	.00129	-.00431	.00029	.00004
#3	.00081	-.00156	.00202	-.00226	-.00016	-.01915	.00080	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00149	-.00020	-.00001	-.00110	.00231	.00004	.05288
Stddev	.00008	.01924	.00039	.00013	.00039	.00022	.00006	.02164
%RSD	138.17	1292.7	200.63	1267.3	35.962	9.3026	175.82	40.916
#1	-.00001	.00076	.00024	-.00010	-.00079	.00221	.00010	.02844
#2	.00015	-.02175	-.00032	-.00007	-.00095	.00256	.00002	.06060
#3	.00004	.01653	-.00051	.00014	-.00154	.00216	-.00002	.06960
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00022	-.33217	-.00027	-.00033	-.05157	-.00034	.00365
Stddev	.00047	.00024	.00324	.00037	.00008	.00866	.00022	.01036
%RSD	100.65	110.19	.97441	138.31	23.496	16.791	64.415	283.73
#1	.00074	-.00022	-.33539	.00001	-.00033	-.05943	-.00011	.01403
#2	.00075	.00002	-.33219	-.00069	-.00025	-.05299	-.00036	.00361
#3	-.00008	-.00046	-.32892	-.00012	-.00041	-.04229	-.00055	-.00669
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	-.00355	-.00387	.00071	-.00585	-.0005	.00002	F 2.6330
Stddev	.00303	.00087	.00069	.00040	.00090	.0003	.00001	.1080
%RSD	98.389	24.572	17.803	56.486	15.323	57.88	50.891	4.1022
#1	.00442	-.00254	-.00317	.00046	-.00622	-.0004	.00002	2.7574
#2	.00521	-.00400	-.00389	.00117	-.00483	-.0002	.00003	2.5783
#3	-.00039	-.00410	-.00455	.00050	-.00651	-.0008	.00001	2.5633

Sample Name: PB118504BL Acquired: 4/2/2019 15:49:01 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .87344
Stddev .28741
%RSD 32.905

#1 1.0123
#2 1.0650
#3 .54297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4443.0	47768.	6407.6	85.247	4621.8
Stddev	10.3	128.	35.8	.616	6.0
%RSD	.23195	.26815	.55865	.72262	.13012

#1	4432.4	47644.	6381.8	84.567	4617.6
#2	4443.8	47758.	6448.5	85.767	4619.1
#3	4453.0	47900.	6392.6	85.408	4628.7

Sample Name: CCV04 Acquired: 4/2/2019 15:53:29 Type: Unk
Method: P4-ICP2(v3012) 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	5.0735	4.9977	5.0514	5.0974	5.1315	10.377	10.633	.25454
Stddev	.0139	.0076	.0026	.0131	.0091	.055	.059	.00075
%RSD	.27420	.15233	.05076	.25693	.17761	.53086	.55548	.29403
#1	5.0889	5.0037	5.0518	5.1090	5.1344	10.315	10.681	.25534
#2	5.0698	5.0003	5.0486	5.0999	5.1388	10.396	10.652	.25443
#3	5.0618	4.9892	5.0537	5.0832	5.1213	10.421	10.567	.25385
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5033	24.938	1.0297	2.5072	1.2557	5.1495	2.5684	26.511
Stddev	.0009	.066	.0027	.0026	.0023	.0131	.0012	.169
%RSD	.03773	.26388	.26007	.10273	.18541	.25503	.04623	.63896
#1	2.5025	24.876	1.0322	2.5096	1.2580	5.1563	2.5694	26.569
#2	2.5043	25.007	1.0300	2.5045	1.2556	5.1579	2.5688	26.320
#3	2.5031	24.931	1.0269	2.5076	1.2534	5.1344	2.5671	26.644
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4875	1.2994	26.512	2.5648	2.5302	25.800	5.1939	5.2738
Stddev	.0016	.0020	.106	.0062	.0020	.022	.0057	.0080
%RSD	.06456	.15240	.39955	.24296	.07864	.08392	.10991	.15129
#1	2.4868	1.3014	26.629	2.5641	2.5324	25.804	5.1953	5.2655
#2	2.4893	1.2993	26.488	2.5714	2.5285	25.820	5.1987	5.2814
#3	2.4863	1.2975	26.421	2.5590	2.5298	25.777	5.1876	5.2746
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0738	5.1571	5.0790	5.1813	4.7557	5.040	5.0098	F 3.9657
Stddev	.0267	.0332	.0015	.0183	.0308	.017	.0313	.1286
%RSD	.52557	.64463	.03056	.35322	.64749	.3385	.62553	3.2442
#1	5.1005	5.1422	5.0786	5.1660	4.7526	5.059	5.0130	4.0364
#2	5.0739	5.1952	5.0778	5.2016	4.7879	5.036	5.0394	4.0436
#3	5.0471	5.1339	5.0808	5.1763	4.7266	5.026	4.9770	3.8172

Sample Name: CCV04 Acquired: 4/2/2019 15:53:29 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.4613
 Stddev .9313
 %RSD 37.836

#1 1.4449
 #2 2.6656
 #3 3.2735

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4301.5	46556.	6413.4	83.627	4177.9
Stddev	9.3	103.	36.7	.464	8.9
%RSD	.21653	.22107	.57191	.55490	.21404

#1	4291.9	46506.	6416.0	83.092	4167.9
#2	4302.0	46488.	6375.5	83.875	4180.6
#3	4310.5	46675.	6448.7	83.915	4185.1

Sample Name: CCB04 Acquired: 4/2/2019 15:57:34 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	-.00097	.00211	.00119	.00264	-.00539	.00068	-.00001
Stddev	.00298	.00055	.00066	.00219	.00062	.00866	.00041	.00005
%RSD	201.24	56.657	30.987	184.47	23.537	160.76	60.157	341.52
#1	-.00490	-.00034	.00281	.00157	.00311	-.00246	.00104	.00003
#2	.00056	-.00123	.00202	-.00117	.00194	.00143	.00024	-.00007
#3	-.00011	-.00135	.00151	.00316	.00287	-.01514	.00077	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01856	-.00030	-.00025	-.00155	.00178	.00003	.03433
Stddev	.00007	.01012	.00033	.00006	.00037	.00026	.00003	.02848
%RSD	264.98	54.509	110.37	24.736	23.850	14.695	84.592	82.948
#1	.00008	-.03014	.00008	-.00022	-.00195	.00172	.00003	.00196
#2	-.00005	-.01418	-.00053	-.00020	-.00148	.00207	.00006	.05550
#3	.00004	-.01138	-.00044	-.00032	-.00122	.00156	.00000	.04554
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00024	-.32588	-.00024	-.00023	-.01217	.00024	.00403
Stddev	.00047	.00004	.00646	.00014	.00003	.03911	.00014	.00694
%RSD	111.58	16.269	1.9815	57.694	14.144	321.45	59.079	172.02
#1	-.00010	.00023	-.32278	-.00017	-.00020	-.02035	.00029	-.00110
#2	.00083	.00028	-.32155	-.00040	-.00023	.03039	.00008	.01192
#3	.00054	.00020	-.33330	-.00015	-.00027	-.04654	.00034	.00127
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	-.00343	-.00210	.00174	-.00479	-.0005	.00002	F 2.1523
Stddev	.00254	.00430	.00072	.00109	.00028	.0002	.00003	.3015
%RSD	83.701	125.40	34.233	62.762	5.8866	41.00	160.13	14.009
#1	.00065	-.00836	-.00213	.00142	-.00510	-.0003	-.00000	2.3200
#2	.00275	-.00153	-.00281	.00296	-.00454	-.0007	.00005	1.8042
#3	.00571	-.00040	-.00137	.00084	-.00475	-.0005	.00001	2.3326

Sample Name: CCB04 Acquired: 4/2/2019 15:57:34 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .56118
Stddev	.39322
%RSD	70.070

#1	.97440
#2	.51757
#3	.19159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4490.8	48650.	6479.2	88.036	4674.6
Stddev	4.3	42.	54.3	1.843	7.8
%RSD	.09615	.08629	.83801	2.0932	.16750

#1	4486.8	48652.	6421.9	85.908	4665.5
#2	4495.4	48607.	6529.9	89.108	4679.6
#3	4490.3	48691.	6485.9	89.092	4678.6

Sample Name: PB118504BS Acquired: 4/2/2019 16:02:02 Type: Unk
Method: P4-ICP2(v3012) 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	.78130	1.9781	.99769	1.9868	.83424	2.0056	.21115
Stddev	.01219	.0404	.01917	.0309	.01686	.0123	.00073
%RSD	1.5608	2.0415	1.9215	1.5545	2.0214	.61083	.34677

#1	.76884	1.9331	.97766	1.9540	.81554	1.9952	.21039
#2	.78186	1.9901	.99954	1.9909	.83889	2.0191	.21121
#3	.79321	2.0112	1.0159	2.0154	.84829	2.0026	.21185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19271	.19419	1.0378	.42130	.20410	.32392	3.1484
Stddev	.00054	.00352	.0198	.00195	.00306	.00603	.0229
%RSD	.28054	1.8139	1.9036	.46315	1.4976	1.8609	.72814

#1	.19209	.19038	1.0153	.42008	.20060	.31747	3.1285
#2	.19309	.19486	1.0525	.42027	.20549	.32487	3.1432
#3	.19295	.19733	1.0455	.42355	.20622	.32941	3.1734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21082	2.0801	.50953	.07146	2.9480	.31063	.19650
Stddev	.00012	.0090	.00909	.00075	.0100	.00180	.00386
%RSD	.05699	.43082	1.7843	1.0457	.33999	.58001	1.9627

#1	.21073	2.0872	.49961	.07133	2.9399	.30917	.19213
#2	.21078	2.0700	.51150	.07079	2.9593	.31007	.19792
#3	.21096	2.0830	.51747	.07227	2.9449	.31264	.19943

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.390	.42861	.29557	F 3.2225	.88737	.70636	.20613
Stddev	.064	.00605	.00829	.3515	.00753	.01213	.00282
%RSD	.61789	1.4106	2.8030	10.907	.84895	1.7172	1.3690

#1	10.330	.42170	.28605	2.8664	.87883	.69267	.20872
#2	10.458	.43122	.30114	3.2319	.89016	.71063	.20312
#3	10.381	.43292	.29953	3.5692	.89310	.71577	.20655

Sample Name: PB118504BS Acquired: 4/2/2019 16:02:02 Type: Unk
 Method: P4-ICP2(v3012) 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	.19019	5.404	.19668	F 1.9074	F<.00000
Stddev	.00185	.097	.00118	.1690	.54259
%RSD	.97523	1.795	.60233	8.8613	18.589
#1	.18815	5.302	.19563	1.8201	-3.1374
#2	.19066	5.414	.19645	1.7999	-2.3011
#3	.19177	5.496	.19797	2.1022	-3.3182
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4393.0	49164.	6599.7	88.408	4539.0
Stddev	42.3	66.	12.6	1.333	52.4
%RSD	.96258	.13364	.19033	1.5072	1.1545
#1	4440.7	49112.	6587.6	87.133	4599.0
#2	4360.2	49141.	6612.7	89.792	4502.4
#3	4378.1	49238.	6598.9	88.300	4515.5

Sample Name: PB118505BL Acquired: 4/2/2019 16:06:09 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118505BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00019	.00193	.00015	.00295	-.00348	.00091	.00000
Stddev	.00206	.00028	.00082	.00308	.00171	.00360	.00067	.00006
%RSD	866.56	146.50	42.578	2093.7	58.027	103.44	74.106	8948.8
#1	-.00097	-.00015	.00208	-.00102	.00474	-.00591	.00060	.00001
#2	.00262	-.00049	.00267	.00365	.00134	.00066	.00045	.00006
#3	-.00093	.00007	.00105	-.00218	.00276	-.00519	.00168	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00988	-.00010	-.00010	-.00059	.01179	.00122	.03634
Stddev	.00007	.00860	.00010	.00003	.00025	.00062	.00003	.05838
%RSD	144.59	87.132	106.35	33.654	42.595	5.2283	2.3086	160.64
#1	.00011	.00967	-.00021	-.00012	-.00032	.01158	.00119	.02977
#2	.00005	.00138	-.00005	-.00012	-.00064	.01249	.00121	-.01848
#3	-.00002	.01858	-.00003	-.00006	-.00082	.01131	.00125	.09773
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00032	-.31877	-.00040	.00088	.01935	.00013	-.00079
Stddev	.00070	.00024	.00514	.00058	.00020	.01678	.00008	.01207
%RSD	146.72	76.294	1.6123	147.07	22.391	86.677	62.948	1519.6
#1	-.00032	-.00060	-.31413	-.00003	.00111	.03871	.00018	.01314
#2	.00094	-.00017	-.32429	-.00107	.00077	.00902	.00004	-.00759
#3	.00080	-.00019	-.31789	-.00009	.00077	.01033	.00017	-.00794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00630	-.00220	-.00046	.00028	-.00408	-.0011	.00004	F 2.8566
Stddev	.00141	.00239	.00036	.00110	.00043	.0011	.00001	.0952
%RSD	22.371	108.74	78.381	392.95	10.452	100.2	35.946	3.3311
#1	.00477	-.00416	-.00014	-.00039	-.00436	.0002	.00006	2.7518
#2	.00755	-.00290	-.00038	.00154	-.00359	-.0020	.00003	2.8806
#3	.00657	.00046	-.00084	-.00032	-.00430	-.0016	.00004	2.9375

Sample Name: PB118505BL Acquired: 4/2/2019 16:06:09 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118505BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .98708
Stddev .75594
%RSD 76.583

#1 .60705
#2 1.8576
#3 .49656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4428.6	47445.	6403.3	86.933	4604.1
Stddev	23.3	157.	11.2	1.805	17.1
%RSD	.52668	.33003	.17556	2.0760	.37195

#1	4401.8	47281.	6415.9	85.933	4584.3
#2	4444.4	47592.	6399.5	85.850	4614.0
#3	4439.5	47463.	6394.5	89.017	4613.9

Sample Name: PB118505BS Acquired: 4/2/2019 16:10:38 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118505BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73868	1.8360	.92649	1.8626	.76731	1.9515	.20830
Stddev	.00414	.0102	.00461	.0022	.00314	.0124	.00107
%RSD	.56014	.55767	.49809	.11602	.40862	.63722	.51380

#1	.73433	1.8287	.92157	1.8617	.76614	1.9422	.20710
#2	.73917	1.8317	.92718	1.8610	.76493	1.9466	.20864
#3	.74256	1.8477	.93072	1.8651	.77086	1.9656	.20916

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18787	.18003	1.0074	.40928	.19193	.30186	3.0452
Stddev	.00028	.00094	.0083	.00091	.00029	.00064	.0052
%RSD	.14686	.52282	.82289	.22290	.15259	.21223	.17165

#1	.18814	.17920	.99802	.40997	.19159	.30116	3.0445
#2	.18759	.17985	1.0105	.40825	.19206	.30242	3.0508
#3	.18787	.18106	1.0137	.40963	.19214	.30199	3.0404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20497	2.0309	.47681	.06797	2.8691	.30321	.18224
Stddev	.00037	.0191	.00109	.00067	.0066	.00083	.00099
%RSD	.18029	.94030	.22945	.98755	.23103	.27414	.54181

#1	.20492	2.0529	.47564	.06849	2.8686	.30342	.18140
#2	.20463	2.0209	.47699	.06822	2.8627	.30391	.18199
#3	.20536	2.0188	.47780	.06722	2.8759	.30229	.18332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.248	.40106	.29035	F .00876	.88405	.64656	.19799
Stddev	.056	.00127	.00902	.00025	.00393	.00314	.00209
%RSD	.54764	.31578	3.1073	2.8404	.44413	.48635	1.0566

#1	10.205	.40041	.29149	.00888	.88373	.64339	.19885
#2	10.227	.40025	.29876	.00847	.88813	.64660	.19952
#3	10.311	.40252	.28082	.00893	.88030	.64968	.19561

Sample Name: PB118505BS Acquired: 4/2/2019 16:10:38 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118505BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18521	5.034	.19295	F 2.7886	F<.00000
Stddev	.00046	.029	.00060	.2431	.59401
%RSD	.24716	.5684	.31313	8.7177	17.019

#1	.18573	5.005	.19349	3.0336	-4.0312
#2	.18491	5.037	.19305	2.7845	-2.8545
#3	.18497	5.062	.19230	2.5475	-3.5850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4375.9	47969.	6402.8	86.322	4519.5
Stddev	10.2	124.	45.4	1.213	9.9
%RSD	.23269	.25797	.70871	1.4049	.21967

#1	4364.2	47826.	6359.9	84.950	4508.2
#2	4382.9	48044.	6398.1	86.767	4523.3
#3	4380.5	48037.	6450.3	87.250	4526.9

Sample Name: PB118539BL Acquired: 4/2/2019 16:14:44 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118539BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	-.00162	.00170	.00097	.00209	-.00365	.00071	.00002
Stddev	.00161	.00060	.00066	.00099	.00031	.00481	.00052	.00003
%RSD	231.87	36.870	38.493	101.90	14.794	131.58	73.400	162.29
#1	.00072	-.00227	.00207	.00080	.00244	-.00066	.00116	.00003
#2	-.00035	-.00110	.00095	.00204	.00199	-.00919	.00083	-.00001
#3	-.00245	-.00148	.00210	.00008	.00185	-.00110	.00014	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00583	-.00045	-.00006	-.00040	.01420	.00116	.04768
Stddev	.00002	.00088	.00053	.00003	.00015	.00027	.00004	.03480
%RSD	64.704	15.111	118.30	41.849	36.969	1.8868	3.1133	72.981
#1	.00001	.00573	.00014	-.00004	-.00023	.01425	.00117	.01264
#2	.00005	.00676	-.00061	-.00010	-.00046	.01445	.00112	.04818
#3	.00005	.00500	-.00088	-.00005	-.00052	.01392	.00119	.08223
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00022	-.32384	-.00059	.00068	-.05025	.00000	-.00008
Stddev	.00011	.00010	.00841	.00017	.00003	.04418	.00009	.00837
%RSD	22.095	44.397	2.5978	29.592	4.3084	87.919	7659.9	10243.
#1	.00059	-.00026	-.31687	-.00076	.00071	-.03091	.00005	-.00767
#2	.00038	-.00028	-.33319	-.00042	.00069	-.10079	-.00010	-.00147
#3	.00047	-.00011	-.32148	-.00058	.00065	-.01904	.00005	.00890
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00714	-.00586	-.00154	.00096	-.00444	-.0004	.00001	F 2.5874
Stddev	.00115	.00180	.00048	.00150	.00087	.0010	.00003	.2116
%RSD	16.146	30.777	31.062	156.62	19.652	246.4	267.82	8.1765
#1	.00763	-.00591	-.00207	-.00047	-.00519	-.0012	.00005	2.4998
#2	.00582	-.00403	-.00114	.00253	-.00349	-.0008	.00001	2.4336
#3	.00797	-.00764	-.00142	.00082	-.00465	.0007	-.00002	2.8286

Sample Name: PB118539BL Acquired: 4/2/2019 16:14:44 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118539BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .80136
Stddev	.42529
%RSD	53.070

#1	.93006
#2	1.1474
#3	.32659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4432.0	47725.	6395.9	85.256	4596.7
Stddev	3.6	24.	30.4	.810	6.5
%RSD	.08182	.05129	.47482	.95031	.14216

#1	4430.2	47708.	6427.7	86.117	4593.7
#2	4429.7	47753.	6367.1	85.142	4592.3
#3	4436.2	47714.	6393.0	84.508	4604.2

Sample Name: PB118539BS Acquired: 4/2/2019 16:19:12 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118539BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78728	1.9815	.99377	1.9894	.81405	2.0342	.21376
Stddev	.00574	.0141	.00226	.0089	.00213	.0139	.00181
%RSD	.72857	.71425	.22750	.44651	.26175	.68359	.84674

#1	.78431	1.9662	.99187	1.9802	.81159	2.0316	.21241
#2	.78363	1.9840	.99317	1.9902	.81517	2.0218	.21306
#3	.79389	1.9941	.99627	1.9979	.81538	2.0493	.21582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19928	.19330	1.0405	.42292	.20187	.32202	3.1889
Stddev	.00084	.00068	.0035	.00333	.00099	.00079	.0208
%RSD	.42355	.35347	.33432	.78648	.49263	.24495	.65110

#1	.19855	.19267	1.0434	.41928	.20141	.32120	3.1678
#2	.19909	.19322	1.0367	.42368	.20119	.32209	3.1896
#3	.20020	.19403	1.0415	.42580	.20302	.32277	3.2094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21459	2.1179	.50304	.07367	2.9656	.31417	.19929
Stddev	.00040	.0379	.00284	.00085	.0247	.00321	.00052
%RSD	.18606	1.7872	.56530	1.1579	.83277	1.0227	.26004

#1	.21413	2.0834	.50124	.07326	2.9527	.31046	.19901
#2	.21479	2.1120	.50157	.07310	2.9500	.31619	.19897
#3	.21484	2.1584	.50632	.07465	2.9941	.31585	.19989

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.469	.41219	.30072	F 6.0567	.91870	.68477	.20272
Stddev	.074	.00041	.02112	.0999	.00270	.00513	.00109
%RSD	.70725	.09909	7.0223	1.6492	.29355	.74894	.53891

#1	10.446	.41245	.30322	5.9567	.92177	.68146	.20182
#2	10.408	.41172	.27847	6.0569	.91758	.68217	.20393
#3	10.551	.41239	.32048	6.1564	.91674	.69067	.20239

Sample Name: PB118539BS Acquired: 4/2/2019 16:19:12 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118539BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19348	5.428	.19933	F 3.0192	F<.00000
Stddev	.00111	.023	.00042	.2402	.33518
%RSD	.57388	.4181	.20960	7.9546	9.5693

#1	.19305	5.403	.19919	2.7420	-3.8782
#2	.19266	5.434	.19901	3.1652	-3.3957
#3	.19475	5.447	.19980	3.1505	-3.2340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4353.0	47434.	6330.5	86.122	4482.3
Stddev	10.2	76.	39.1	.789	6.5
%RSD	.23488	.15940	.61764	.91619	.14585

#1	4341.5	47517.	6306.0	85.667	4474.8
#2	4361.2	47417.	6309.9	85.667	4486.8
#3	4356.3	47369.	6375.6	87.033	4485.4

Sample Name: PB118539TB Acquired: 4/2/2019 16:23:16 Type: Unk
Method: P4-ICP2(v3012) 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	-.00264	-.00328	.00191	.00089	.00150	.00044	-.00020	-.00007
Stddev	.00077	.00078	.00052	.00115	.00186	.00573	.00026	.00005
%RSD	29.009	23.631	27.040	129.37	123.98	1296.1	132.69	63.139
#1	-.00249	-.00287	.00204	.00212	.00113	.00321	.00009	-.00003
#2	-.00347	-.00280	.00234	-.00016	-.00015	-.00615	-.00026	-.00007
#3	-.00196	-.00418	.00134	.00070	.00353	.00427	-.00042	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00765	.00064	-.00057	-.00035	.00417	.00019	-.00337
Stddev	.00002	.01535	.00021	.00015	.00022	.00032	.00004	.01865
%RSD	29.881	200.57	31.996	26.858	61.508	7.6611	19.573	553.88
#1	-.00008	.02130	.00049	-.00068	-.00013	.00453	.00015	-.00923
#2	-.00005	.01061	.00056	-.00039	-.00037	.00406	.00019	-.01838
#3	-.00004	-.00896	.00088	-.00062	-.00056	.00392	.00022	.01751
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	.00165	F 380.02	-.00020	.00088	.06520	.00026	-.00550
Stddev	.00047	.00055	5.24	.00033	.00014	.00697	.00038	.00717
%RSD	20.745	33.157	1.3800	167.53	16.307	10.687	148.34	130.27
#1	.00245	.00104	384.83	-.00016	.00085	.06657	-.00018	-.01176
#2	.00261	.00179	380.80	.00011	.00075	.05765	.00044	.00232
#3	.00173	.00211	374.43	-.00055	.00103	.07138	.00052	-.00707
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01449	.00422	-.00178	.00146	-.00404	-.0025	-.00004	3.8044
Stddev	.00326	.00074	.00095	.00152	.00028	.0012	.00007	.3412
%RSD	22.472	17.570	53.446	104.11	6.8165	48.48	159.98	8.9684
#1	.01805	.00416	-.00243	.00296	-.00432	-.0033	-.00012	4.1936
#2	.01375	.00498	-.00222	.00148	-.00378	-.0032	-.00000	3.6626
#3	.01166	.00350	-.00069	-.00007	-.00401	-.0011	-.00000	3.5569

Sample Name: PB118539TB Acquired: 4/2/2019 16:23:16 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7382
Stddev	.3967
%RSD	14.489

#1	2.9023
#2	2.2858
#3	3.0266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4254.0	45643.	6427.7	84.975	4133.0
Stddev	30.0	362.	54.4	.297	32.1
%RSD	.70412	.79339	.84704	.34990	.77610

#1	4280.3	45225.	6364.9	85.317	4153.6
#2	4221.4	45872.	6458.5	84.775	4096.1
#3	4260.3	45832.	6459.8	84.833	4149.4

Sample Name: PB118540BL Acquired: 4/2/2019 16:27:52 Type: Unk
Method: P4-ICP2(v3012) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00115	.00182	-.00193	.00357	-.00125	.00049	-.00002
Stddev	.00091	.00107	.00032	.00228	.00215	.00954	.00026	.00003
%RSD	222.50	92.818	17.517	118.58	60.312	764.61	52.841	169.12

#1	-.00025	-.00062	.00175	.00069	.00483	-.00364	.00066	-.00003
#2	.00145	-.00045	.00217	-.00291	.00108	.00926	.00019	.00002
#3	.00003	-.00238	.00154	-.00355	.00478	-.00936	.00062	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00666	-.00038	-.00003	-.00046	.01428	.00120	.00351
Stddev	.00009	.01938	.00026	.00017	.00025	.00041	.00005	.01867
%RSD	174.37	290.95	68.070	630.52	55.446	2.8786	4.4407	531.45

#1	.00016	.02712	-.00008	.00006	-.00038	.01439	.00116	.00956
#2	.00002	.00431	-.00055	.00009	-.00026	.01461	.00126	-.01743
#3	-.00002	-.01143	-.00051	-.00023	-.00075	.01382	.00118	.01841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00002	-.03307	-.00064	.00039	.03071	-.00012	-.00713
Stddev	.00016	.00042	.03488	.00020	.00010	.02191	.00006	.01644
%RSD	29.255	2595.4	105.46	31.741	24.903	71.354	51.706	230.48

#1	.00072	-.00038	-.00139	-.00086	.00048	.02652	-.00018	-.02415
#2	.00040	-.00012	-.02737	-.00047	.00029	.01120	-.00014	.00866
#3	.00052	.00045	-.07044	-.00058	.00040	.05442	-.00005	-.00591

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00479	-.00370	-.00156	.00199	-.00376	.0008	.00008	F 2.8112
Stddev	.00375	.00106	.00055	.00181	.00132	.0005	.00003	.0216
%RSD	78.268	28.644	35.415	91.007	35.030	60.80	40.893	.76717

#1	.00128	-.00384	-.00134	.00408	-.00396	.0013	.00011	2.8272
#2	.00874	-.00258	-.00115	.00098	-.00236	.0004	.00005	2.7866
#3	.00435	-.00468	-.00219	.00091	-.00497	.0007	.00007	2.8197

Sample Name: PB118540BL Acquired: 4/2/2019 16:27:52 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .38456
Stddev .45481
%RSD 118.27

#1 .44661
#2 -.09809
#3 .80515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4435.8	47808.	6482.6	86.867	4587.9
Stddev	10.3	180.	46.7	.823	4.2
%RSD	.23282	.37666	.72031	.94731	.09113

#1	4436.7	47647.	6535.4	86.192	4587.3
#2	4445.7	47774.	6446.7	86.625	4592.4
#3	4425.1	48002.	6465.7	87.783	4584.1

Sample Name: PB118540BS Acquired: 4/2/2019 16:32:20 Type: Unk
Method: P4-ICP2(v3012) 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	.73257	1.8367	.92247	1.8332	.75661	1.8722	.20114
Stddev	.00551	.0170	.00863	.0111	.00639	.0169	.00278
%RSD	.75222	.92448	.93541	.60387	.84504	.90216	1.3820

#1	.72629	1.8179	.91357	1.8215	.74923	1.8616	.20121
#2	.73656	1.8416	.92302	1.8345	.76006	1.8917	.20388
#3	.73488	1.8508	.93081	1.8435	.76052	1.8634	.19832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18084	.18039	.96535	.38992	.18758	.29519	2.9161
Stddev	.00014	.00179	.00444	.00015	.00136	.00236	.0043
%RSD	.07732	.99212	.46020	.03914	.72538	.80096	.14776

#1	.18077	.17845	.96366	.38976	.18640	.29279	2.9206
#2	.18100	.18074	.97039	.38993	.18727	.29525	2.9120
#3	.18074	.18198	.96200	.39007	.18907	.29752	2.9156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19726	1.9727	.46635	.06765	2.8077	.28953	.18385
Stddev	.00048	.0300	.00388	.00058	.0227	.00091	.00264
%RSD	.24250	1.5218	.83201	.86098	.80742	.31441	1.4355

#1	.19671	1.9389	.46257	.06746	2.8118	.29058	.18107
#2	.19750	1.9963	.46615	.06718	2.8280	.28898	.18418
#3	.19757	1.9829	.47032	.06830	2.7832	.28903	.18631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8270	.39415	.27062	F .00153	.85807	.63424	.18801
Stddev	.0992	.00365	.01780	.00157	.00943	.00590	.00154
%RSD	1.0099	.92510	6.5778	102.02	1.0992	.93052	.81794

#1	9.8832	.39006	.25580	-.00013	.85460	.62794	.18848
#2	9.8855	.39531	.29037	.00177	.85086	.63513	.18926
#3	9.7124	.39708	.26571	.00297	.86874	.63965	.18629

Sample Name: PB118540BS Acquired: 4/2/2019 16:32:20 Type: Unk
Method: P4-ICP2(v3012) 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	.17904	4.954	.18532	F 1.2731	F<.00000
Stddev	.00124	.024	.00054	.2054	.46981
%RSD	.69130	.4793	.29382	16.132	13.014
#1	.17943	4.927	.18568	1.4860	-3.1093
#2	.18003	4.966	.18558	1.2570	-3.6796
#3	.17765	4.970	.18469	1.0762	-4.0412
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4553.3	50367.	6737.7	90.925	4712.8
Stddev	7.6	197.	44.5	.584	9.4
%RSD	.16611	.39179	.66032	.64234	.19979
#1	4551.0	50256.	6722.9	90.892	4707.2
#2	4547.2	50251.	6787.7	91.525	4707.5
#3	4561.8	50595.	6702.5	90.358	4723.7

Sample Name: PB118540TB Acquired: 4/2/2019 16:36:27 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8100 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00323	.00239	.00248	.00310	.00018	.00022	-.00006
Stddev	.00316	.00098	.00152	.00089	.00221	.00620	.00018	.00005
%RSD	244.17	30.196	63.354	35.997	71.172	3393.2	82.537	83.876
#1	.00053	-.00428	.00404	.00246	.00280	-.00611	.00001	-.00003
#2	.00053	-.00234	.00104	.00338	.00106	.00629	.00031	-.00012
#3	-.00495	-.00308	.00210	.00159	.00544	.00038	.00033	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.06264	.00208	-.00042	-.00067	.02316	F .01984	.03106
Stddev	.00004	.01512	.00013	.00010	.00038	.00042	.00018	.01528
%RSD	79.345	24.144	6.3387	24.067	56.478	1.8267	.90794	49.177
#1	-.00005	.06169	.00216	-.00050	-.00032	.02363	.01976	.03410
#2	-.00001	.07821	.00215	-.00031	-.00061	.02281	.02005	.01450
#3	-.00010	.04801	.00193	-.00045	-.00106	.02305	.01971	.04459
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00354	.00206	F 349.87	-.00031	.01586	.11488	.00016	-.00259
Stddev	.00010	.00056	1.93	.00037	.00011	.03809	.00009	.01872
%RSD	2.8953	27.205	.55052	120.35	.70041	33.152	54.029	722.77
#1	.00348	.00204	349.27	-.00073	.01574	.15830	.00008	.00932
#2	.00366	.00151	352.03	-.00011	.01586	.09924	.00015	-.02417
#3	.00350	.00263	348.32	-.00008	.01596	.08711	.00025	.00708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04149	.00194	-.00136	.00146	-.00430	-.0007	.00009	3.0120
Stddev	.00212	.00134	.00005	.00126	.00091	.0016	.00006	.2316
%RSD	5.1106	68.793	3.5452	86.258	21.152	214.8	75.671	7.6887
#1	.04286	.00061	-.00142	.00197	-.00517	-.0022	.00014	3.2735
#2	.03905	.00328	-.00133	.00239	-.00437	-.0009	.00010	2.8330
#3	.04256	.00194	-.00134	.00003	-.00336	.0009	.00001	2.9295

Sample Name: PB118540TB Acquired: 4/2/2019 16:36:27 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8100 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0925
Stddev	.2782
%RSD	13.296

#1	2.0986
#2	1.8113
#3	2.3677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4279.8	46960.	6645.4	88.844	4164.1
Stddev	8.8	237.	64.2	.949	10.5
%RSD	.20447	.50518	.96583	1.0681	.25164

#1	4269.8	46722.	6614.2	89.892	4155.6
#2	4283.9	46960.	6719.2	88.600	4160.9
#3	4285.8	47197.	6602.8	88.042	4175.8

Sample Name: K2056-01 Acquired: 4/2/2019 16:41:04 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00701	-.00967	.26030	.11824	.01049	122.21	.44953	.00234
Stddev	.00102	.00199	.00300	.00095	.00106	.71	.00207	.00007
%RSD	14.518	20.559	1.1533	.79982	10.058	.57965	.46148	2.9183
#1	.00801	-.01196	.26055	.11771	.01100	121.60	.44774	.00227
#2	.00597	-.00869	.26317	.11933	.01120	122.06	.44904	.00241
#3	.00706	-.00836	.25718	.11768	.00928	122.99	.45180	.00234
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03013	89.402	.20690	.25009	1.2001	286.84	2.9287	106.58
Stddev	.00013	.308	.00090	.00069	.0019	.99	.0046	.64
%RSD	.43079	.34407	.43415	.27633	.15421	.34665	.15652	.59812
#1	.03021	89.333	.20602	.25062	1.1982	287.98	2.9271	106.03
#2	.03019	89.134	.20782	.25035	1.2019	286.12	2.9251	106.43
#3	.02998	89.738	.20686	.24931	1.2002	286.44	2.9339	107.28
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55988	-.03157	7.3151	.49963	.87715	15.543	.02084	1.9482
Stddev	.00372	.00065	.0298	.00190	.00176	.099	.00029	.0105
%RSD	.66366	2.0505	.40741	.38019	.20061	.63530	1.3709	.53839
#1	.56141	-.03108	7.2900	.49840	.87897	15.459	.02101	1.9519
#2	.56259	-.03230	7.3072	.50182	.87703	15.518	.02099	1.9364
#3	.55564	-.03133	7.3480	.49868	.87546	15.651	.02051	1.9564
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3391	1.1835	.05937	F 15.014	.15658	F 11.89	-.15356	<.00000
Stddev	.0260	.0111	.00049	.039	.00132	.03	.00104	.31104
%RSD	.77893	.94046	.81737	.26081	.84327	.2489	.67859	2.5368
#1	3.3548	1.1758	.05976	14.997	.15528	11.90	-.15471	-12.274
#2	3.3535	1.1962	.05953	14.987	.15653	11.92	-.15331	-12.566
#3	3.3091	1.1784	.05882	15.059	.15792	11.86	-.15267	-11.944

Sample Name: K2056-01 Acquired: 4/2/2019 16:41:04 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-7 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	6028.3	67802.	9598.2	81.707	3836.4
Stddev	6.8	172.	27.5	1.311	8.5
%RSD	.11297	.25386	.28616	1.6044	.22062

#1	6021.9	67823.	9572.0	80.194	3826.7
#2	6035.5	67962.	9626.8	82.434	3842.0
#3	6027.4	67620.	9595.8	82.493	3840.5

Sample Name: CCV05 Acquired: 4/2/2019 16:45:29 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8100 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0872	4.9779	5.0435	5.1202	5.1401	10.401	10.576	.25409
Stddev	.0027	.0044	.0117	.0169	.0122	.055	.065	.00069
%RSD	.05321	.08786	.23189	.32903	.23710	.53337	.61283	.27224
#1	5.0858	4.9735	5.0348	5.1103	5.1525	10.348	10.648	.25486
#2	5.0903	4.9822	5.0568	5.1106	5.1397	10.396	10.557	.25389
#3	5.0855	4.9779	5.0389	5.1396	5.1281	10.458	10.522	.25352
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4938	24.573	1.0210	2.5086	1.2489	5.0946	2.5507	26.352
Stddev	.0015	.048	.0012	.0039	.0019	.0034	.0014	.090
%RSD	.06169	.19397	.11656	.15622	.15032	.06605	.05363	.34268
#1	2.4940	24.569	1.0213	2.5056	1.2475	5.0908	2.5522	26.308
#2	2.4952	24.527	1.0197	2.5130	1.2483	5.0957	2.5505	26.293
#3	2.4922	24.622	1.0220	2.5070	1.2511	5.0973	2.5496	26.456
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4759	1.2891	26.347	2.5336	2.5286	26.034	5.1811	5.1840
Stddev	.0021	.0015	.136	.0065	.0018	.133	.0041	.0529
%RSD	.08483	.11565	.51635	.25446	.07211	.51116	.07874	1.0210
#1	2.4748	1.2882	26.368	2.5410	2.5271	26.127	5.1857	5.1920
#2	2.4783	1.2909	26.202	2.5307	2.5306	25.881	5.1798	5.1276
#3	2.4745	1.2884	26.472	2.5292	2.5280	26.093	5.1778	5.2325
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0971	5.1156	5.0538	5.1313	4.7393	5.033	4.9804	F 3.5383
Stddev	.0139	.0309	.0148	.0039	.0277	.009	.0271	.0260
%RSD	.27296	.60490	.29207	.07579	.58386	.1813	.54404	.73531
#1	5.0811	5.1358	5.0378	5.1352	4.7707	5.025	5.0115	3.5657
#2	5.1044	5.1310	5.0669	5.1275	4.7288	5.043	4.9614	3.5139
#3	5.1059	5.0800	5.0566	5.1311	4.7184	5.031	4.9684	3.5353

Sample Name: CCV05 Acquired: 4/2/2019 16:45:29 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8100 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7853
Stddev	.5335
%RSD	29.885

#1	2.3997
#2	1.4385
#3	1.5177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4364.2	47710.	6596.9	87.677	4244.6
Stddev	7.1	61.	35.9	.439	10.5
%RSD	.16164	.12826	.54470	.50045	.24793

#1	4366.5	47655.	6570.6	87.182	4248.9
#2	4356.2	47699.	6582.2	87.834	4232.6
#3	4369.7	47776.	6637.8	88.016	4252.2

Sample Name: CCB05 Acquired: 4/2/2019 16:49:34 Type: Unk
Method: P4-ICP2(v3012) 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	-.00089	-.00084	.00241	.00134	.00287	-.00115	.00068	-.00000
Stddev	.00226	.00041	.00041	.00177	.00128	.00370	.00017	.00004
%RSD	252.94	48.542	16.910	132.06	44.419	321.22	24.396	8666.7
#1	-.00091	-.00060	.00277	-.00029	.00297	.00032	.00082	-.00000
#2	.00137	-.00131	.00249	.00323	.00409	-.00536	.00072	-.00004
#3	-.00314	-.00060	.00196	.00109	.00155	.00159	.00050	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00308	-.00008	.00001	-.00010	.01527	.00113	.01842
Stddev	.00002	.00927	.00015	.00005	.00000	.00056	.00003	.06063
%RSD	42.311	301.30	194.11	521.24	2.2193	3.6713	3.0573	329.16
#1	.00007	-.00495	-.00024	.00003	-.00010	.01478	.00113	.07549
#2	.00005	.00699	.00004	-.00005	-.00010	.01588	.00110	.02500
#3	.00003	-.01127	-.00003	.00005	-.00010	.01514	.00117	-.04524
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00024	-.24698	.00003	.00065	.02727	.00042	-.00571
Stddev	.00027	.00023	.00734	.00039	.00008	.05822	.00029	.01067
%RSD	54.173	94.225	2.9722	1357.3	12.539	213.54	69.629	186.77
#1	.00025	.00050	-.25496	-.00003	.00063	.05300	.00070	.00534
#2	.00079	.00008	-.24051	.00044	.00074	-.03939	.00012	-.00652
#3	.00045	.00014	-.24547	-.00033	.00058	.06819	.00045	-.01595
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	-.00026	.00145	.00048	-.00060	-.0015	.00005	F 2.5852
Stddev	.00266	.00121	.00086	.00124	.00126	.0012	.00007	.1430
%RSD	82.402	471.35	59.397	256.83	209.40	77.59	155.96	5.5302
#1	.00294	.00003	.00243	.00009	-.00168	-.0010	.00010	2.4811
#2	.00072	-.00158	.00086	-.00052	.00078	-.0028	-.00004	2.7482
#3	.00602	.00078	.00105	.00187	-.00089	-.0006	.00009	2.5263

Sample Name: CCB05 Acquired: 4/2/2019 16:49:34 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .43083
Stddev .34894
%RSD 80.993

#1 .04208
#2 .53348
#3 .71694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4386.0	47793.	6400.6	87.519	4552.6
Stddev	4.4	76.	18.2	.865	5.4
%RSD	.10014	.15897	.28500	.98871	.11785

#1	4390.6	47721.	6413.1	88.517	4552.2
#2	4385.4	47872.	6409.1	87.075	4558.2
#3	4381.9	47785.	6379.7	86.967	4547.5

Sample Name: K2056-02 Acquired: 4/2/2019 16:58:26 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01973	.00126	.05291	.07145	.00836	51.978	.77633
Stddev	.00264	.00104	.00122	.00098	.00033	.112	.00300
%RSD	13.369	81.968	2.3047	1.3740	3.9795	.21543	.38636

#1	.01995	.00008	.05431	.07258	.00812	51.857	.77387
#2	.02225	.00168	.05224	.07089	.00874	52.078	.77967
#3	.01699	.00202	.05216	.07088	.00822	51.998	.77545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	.01100	1030.8	.12036	.10437	.66209	175.41
Stddev	.00015	.00017	8.1	.00052	.00025	.00243	.28
%RSD	4.9290	1.5058	.78989	.43369	.23658	.36697	.15880

#1	.00315	.01083	1038.8	.12023	.10455	.66089	175.37
#2	.00292	.01116	1022.6	.12093	.10409	.66050	175.70
#3	.00321	.01100	1030.9	.11990	.10446	.66489	175.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0304	728.39	.14284	-.01785	2.7594	.24240	.35841
Stddev	.0047	1.21	.00012	.00030	.0255	.00150	.00057
%RSD	.23395	.16663	.08245	1.7011	.92245	.61732	.15879

#1	2.0354	727.04	.14274	-.01805	2.7362	.24364	.35898
#2	2.0300	729.38	.14282	-.01750	2.7867	.24282	.35841
#3	2.0259	728.76	.14297	-.01801	2.7554	.24074	.35784

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.468	.01436	.09452	F 13.245	1.2172	.03499	4.5192
Stddev	.055	.00012	.00842	.036	.0022	.00126	.0151
%RSD	.24494	.80149	8.9092	.27523	.17683	3.6048	.33500

#1	22.418	.01426	.10422	13.287	1.2160	.03378	4.5022
#2	22.458	.01433	.09022	13.225	1.2197	.03630	4.5310
#3	22.527	.01449	.08911	13.223	1.2160	.03490	4.5245

Sample Name: K2056-02 Acquired: 4/2/2019 16:58:26 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-8 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11996	F 15.32	.32041	<.00000	F<.00000
Stddev	.00069	.05	.00261	.21115	2.4680
%RSD	.57789	.3102	.81447	17.034	1.6332
#1	.12073	15.37	.32108	-1.0058	-152.27
#2	.11938	15.31	.31753	-1.2966	-152.80
#3	.11978	15.28	.32262	-1.4164	-148.28
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4634.5	53191.	7918.6	75.395	3284.0
Stddev	2.5	153.	50.4	.587	9.7
%RSD	.05291	.28751	.63638	.77799	.29518
#1	4636.2	53061.	7871.1	75.218	3275.5
#2	4635.5	53153.	7971.4	76.050	3282.1
#3	4631.7	53360.	7913.2	74.918	3294.6

Sample Name: K2056-03 Acquired: 4/2/2019 17:02:54 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	.00345	.13868	.10479	.00855	55.186	.31468
Stddev	.00054	.00101	.00112	.00286	.00074	.210	.00144
%RSD	19.572	29.429	.80629	2.7336	8.6482	.38041	.45610

#1	-.00221	.00455	.13990	.10231	.00787	55.124	.31319
#2	-.00278	.00255	.13770	.10415	.00934	55.013	.31477
#3	-.00329	.00324	.13845	.10793	.00843	55.419	.31606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	.01049	35.638	.16026	.13413	1.4133	230.04
Stddev	.00007	.00015	.249	.00162	.00028	.0021	1.26
%RSD	2.9856	1.4584	.69875	1.0106	.21174	.14663	.54950

#1	.00230	.01061	35.793	.15862	.13431	1.4126	229.43
#2	.00236	.01055	35.770	.16032	.13381	1.4117	229.21
#3	.00244	.01032	35.351	.16185	.13428	1.4156	231.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8938	42.493	.22597	-.02015	1.5070	.25984	.56787
Stddev	.0040	.334	.00115	.00059	.0110	.00285	.00016
%RSD	.20916	.78552	.50894	2.9305	.73269	1.0954	.02784

#1	1.8928	42.294	.22681	-.01974	1.4998	.25656	.56796
#2	1.8904	42.308	.22466	-.02083	1.5014	.26169	.56797
#3	1.8982	42.879	.22643	-.01988	1.5197	.26127	.56769

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4274	.01914	.12503	2.2727	.72477	.08116	4.9565
Stddev	.0350	.00017	.01197	.0082	.00747	.00061	.0106
%RSD	.54504	.88815	9.5715	.35901	1.0305	.75461	.21460

#1	6.3941	.01894	.13858	2.2778	.72787	.08046	4.9451
#2	6.4243	.01921	.12060	2.2769	.73018	.08160	4.9661
#3	6.4639	.01926	.11590	2.2633	.71625	.08141	4.9583

Sample Name: K2056-03 Acquired: 4/2/2019 17:02:54 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06228	8.930	-.17823	<.00000	F<.00000
Stddev	.00068	.036	.00140	.42119	2.5680
%RSD	1.0987	.4088	.78443	5.7107	.98213
#1	.06157	8.938	-.17761	-6.9018	-258.61
#2	.06293	8.963	-.17725	-7.7076	-263.57
#3	.06234	8.891	-.17983	-7.5172	-262.24
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5559.0	61911.	8676.1	87.327	4186.6
Stddev	17.9	141.	87.3	2.345	11.4
%RSD	.32233	.22781	1.0066	2.6854	.27182
#1	5566.5	61924.	8602.1	86.073	4192.2
#2	5571.9	62045.	8653.9	85.875	4194.1
#3	5538.5	61764.	8772.4	90.032	4173.5

Sample Name: K1695-01 Acquired: 4/2/2019 17:07:12 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV-28399L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	-.00206	.00396	.00142	.00084	.51996	.08611	-.00004
Stddev	.00169	.00086	.00044	.00100	.00102	.00462	.00055	.00008
%RSD	47.945	41.563	11.203	70.239	121.66	.88888	.64363	206.25
#1	.00463	-.00136	.00368	.00032	.00029	.52175	.08560	.00004
#2	.00158	-.00181	.00447	.00166	.00021	.51471	.08670	-.00013
#3	.00437	-.00302	.00372	.00227	.00202	.52342	.08604	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	114.73	.05097	.00025	.01384	1.9133	.49020	7.8703
Stddev	.00004	.35	.00027	.00007	.00072	.0143	.00147	.1005
%RSD	31.709	.30104	.53468	27.032	5.1865	.74885	.30010	1.2763
#1	-.00010	115.02	.05072	.00032	.01324	1.9010	.48881	7.7543
#2	-.00009	114.82	.05126	.00025	.01365	1.9291	.49174	7.9301
#3	-.00016	114.35	.05092	.00019	.01464	1.9098	.49005	7.9265
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00283	-.00074	138.76	.05835	.01343	27.955	.04428	.04859
Stddev	.00015	.00092	.82	.00009	.00011	.267	.00018	.01168
%RSD	5.1310	123.87	.59256	.15566	.83456	.95611	.40538	24.049
#1	.00266	.00004	138.14	.05829	.01339	27.717	.04421	.05600
#2	.00290	-.00051	139.70	.05845	.01355	28.244	.04415	.03512
#3	.00293	-.00175	138.46	.05830	.01333	27.903	.04449	.05465
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.674	F 12.492	-.01440	.01844	.00539	.0513	.46745	3.5394
Stddev	.172	.040	.00060	.00337	.00060	.0005	.00187	.2398
%RSD	.51002	.32098	4.1594	18.269	11.041	1.041	.39994	6.7757
#1	33.489	12.507	-.01422	.01457	.00473	.0507	.46876	3.3240
#2	33.829	12.523	-.01392	.02010	.00559	.0518	.46827	3.7978
#3	33.703	12.447	-.01507	.02066	.00587	.0514	.46531	3.4964

Sample Name: K1695-01 Acquired: 4/2/2019 17:07:12 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV-28399L Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4025
Stddev	.5626
%RSD	40.112

#1	1.0365
#2	1.1206
#3	2.0502

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4226.8	46580.	6556.3	86.296	4195.3
Stddev	15.7	200.	39.6	2.171	1.9
%RSD	.37103	.42856	.60429	2.5155	.04514

#1	4213.7	46574.	6514.0	86.235	4197.0
#2	4222.5	46384.	6562.2	88.497	4193.2
#3	4244.2	46783.	6592.6	84.157	4195.7

Sample Name: K2056-04 Acquired: 4/2/2019 17:11:35 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-10 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00465	.00496	.20537	.10559	.00913	50.491	.17797
Stddev	.00262	.00157	.00117	.00090	.00047	.049	.00056
%RSD	56.358	31.661	.56743	.84916	5.1433	.09638	.31186

#1	-.00174	.00517	.20430	.10495	.00941	50.547	.17811
#2	-.00682	.00641	.20519	.10661	.00859	50.465	.17844
#3	-.00539	.00329	.20661	.10520	.00939	50.461	.17736

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.00598	46.261	.13271	.13684	1.3039	221.84
Stddev	.00007	.00025	.356	.00071	.00096	.0022	.53
%RSD	10.089	4.1860	.76972	.53585	.69933	.16846	.24014

#1	-.00074	.00595	46.073	.13350	.13657	1.3016	222.16
#2	-.00063	.00575	46.039	.13212	.13605	1.3039	222.14
#3	-.00063	.00625	46.672	.13250	.13790	1.3060	221.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2498	61.245	.43276	-.01562	3.7171	.27536	.39309
Stddev	.0068	.206	.00145	.00025	.0153	.00143	.00078
%RSD	.30206	.33689	.33405	1.6302	.41215	.52004	.19936

#1	2.2500	61.281	.43197	-.01591	3.7347	.27646	.39298
#2	2.2429	61.430	.43188	-.01547	3.7066	.27587	.39237
#3	2.2564	61.023	.43443	-.01547	3.7100	.27374	.39393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8976	.02157	.19888	.72956	.88313	.05127	6.5157
Stddev	.0241	.00037	.00625	.00504	.01523	.00086	.0319
%RSD	1.2693	1.7296	3.1434	.69125	1.7243	1.6739	.48969

#1	1.8839	.02198	.19597	.73360	.89383	.05053	6.4983
#2	1.9254	.02151	.19461	.72391	.86570	.05221	6.4962
#3	1.8834	.02124	.20605	.73117	.88988	.05108	6.5525

Sample Name: K2056-04 Acquired: 4/2/2019 17:11:35 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00984	3.241	-.15229	<.00000	F<.00000
Stddev	.00122	.019	.00101	.06609	1.0002
%RSD	12.360	.5908	.66294	3.7058	.53580
#1	.00908	3.227	-.15286	-1.8052	-187.56
#2	.01124	3.233	-.15289	-1.8359	-186.90
#3	.00918	3.262	-.15113	-1.7092	-185.59
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4757.0	52805.	7416.4	88.221	4279.0
Stddev	1.6	130.	72.3	1.123	7.2
%RSD	.03274	.24524	.97454	1.2734	.16761
#1	4758.8	52707.	7441.9	89.198	4279.4
#2	4755.9	52952.	7472.5	88.472	4286.0
#3	4756.4	52756.	7334.8	86.993	4271.6

Sample Name: K2173-01 Acquired: 4/2/2019 17:15:54 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-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	.01499	.00119	.01495	.02157	.00022	10.399	.03654	.00006
Stddev	.00144	.00129	.00102	.00288	.00144	.058	.00026	.00005
%RSD	9.5929	107.81	6.8031	13.374	668.33	.55493	.71766	77.777

#1	.01388	.00035	.01490	.02462	-.00004	10.361	.03629	.00009
#2	.01661	.00055	.01600	.01889	-.00108	10.465	.03653	.00001
#3	.01448	.00267	.01396	.02118	.00177	10.370	.03681	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	92.919	.05787	.00128	.01606	36.855	.14602	15.041
Stddev	.00007	.452	.00050	.00007	.00042	.077	.00024	.042
%RSD	5.9844	.48642	.86402	5.4838	2.6434	.20860	.16434	.27898

#1	-.00117	93.086	.05776	.00125	.01585	36.942	.14618	14.997
#2	-.00132	93.262	.05841	.00135	.01655	36.826	.14614	15.080
#3	-.00126	92.407	.05743	.00122	.01577	36.797	.14575	15.046

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00343	-.00227	.37636	.05570	.02538	2.2477	.00594	.02023
Stddev	.00019	.00021	.00279	.00043	.00034	.0366	.00039	.00464
%RSD	5.6819	9.2893	.74107	.77694	1.3262	1.6276	6.5338	22.946

#1	.00364	-.00249	.37653	.05584	.02576	2.2593	.00636	.01498
#2	.00339	-.00225	.37349	.05522	.02512	2.2770	.00586	.02380
#3	.00326	-.00207	.37907	.05605	.02525	2.2067	.00560	.02191

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2249	9.6307	-.00258	.43865	.00098	.2681	.37987	2.3378
Stddev	.0165	.0097	.00078	.00264	.00132	.0016	.00295	.0767
%RSD	.31580	.10071	30.204	.60197	134.53	.5848	.77629	3.2821

#1	5.2375	9.6199	-.00185	.43783	.00069	.2698	.38176	2.3495
#2	5.2311	9.6386	-.00249	.44160	.00243	.2679	.38137	2.4081
#3	5.2062	9.6337	-.00340	.43652	-.00017	.2667	.37647	2.2559

Sample Name: K2173-01 Acquired: 4/2/2019 17:15:54 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: T-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .61828
 %RSD 164.97

#1 -1.0820
 #2 -.10550
 #3 .06320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4406.3	48481.	6696.5	87.720	4400.2
Stddev	4.9	132.	28.6	1.680	9.9
%RSD	.11080	.27278	.42642	1.9155	.22399

#1	4401.2	48431.	6686.5	86.590	4390.2
#2	4406.7	48380.	6674.3	89.651	4400.6
#3	4410.9	48631.	6728.7	86.920	4409.9

Sample Name: K2178-02 Acquired: 4/2/2019 17:20:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03971	.00745	1.7492	.10695	.01187	187.38	1.8551
Stddev	.00400	.00308	.0101	.00428	.00150	.24	.0046
%RSD	10.073	41.325	.57805	3.9996	12.629	.12803	.24671

#1	.03511	.00395	1.7380	.11185	.01014	187.25	1.8504
#2	.04168	.00866	1.7576	.10504	.01271	187.23	1.8595
#3	.04234	.00973	1.7519	.10396	.01275	187.66	1.8554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00564	.01248	587.84	.38419	.18012	.81963	260.52
Stddev	.00012	.00034	1.39	.00139	.00029	.00153	.95
%RSD	2.1175	2.6855	.23702	.36275	.16092	.18704	.36513

#1	.00554	.01212	586.72	.38570	.17999	.82113	261.31
#2	.00562	.01253	589.40	.38295	.18045	.81969	259.46
#3	.00577	.01278	587.39	.38393	.17991	.81807	260.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7186	263.83	.37302	-.02646	11.116	.72961	3.7933
Stddev	.0310	1.02	.00228	.00062	.022	.00345	.0197
%RSD	.65683	.38643	.61169	2.3442	.19556	.47244	.51983

#1	4.7331	262.79	.37072	-.02687	11.103	.72618	3.7708
#2	4.6831	263.88	.37529	-.02575	11.141	.72956	3.8072
#3	4.7397	264.83	.37305	-.02677	11.105	.73308	3.8021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.095	.01189	.12771	F 18.622	1.9584	.06737	9.3176
Stddev	.045	.00018	.00743	.086	.0326	.00153	.0467
%RSD	.10410	1.5474	5.8151	.45920	1.6658	2.2757	.50104

#1	43.132	.01169	.13621	18.650	1.9955	.06705	9.2741
#2	43.045	.01206	.12249	18.690	1.9455	.06602	9.3669
#3	43.107	.01192	.12443	18.526	1.9342	.06903	9.3117

Sample Name: K2178-02 Acquired: 4/2/2019 17:20:15 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-17 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23347	F 10.82	.69509	<.00000	F<.00000
Stddev	.00130	.04	.00267	.43245	3.3099
%RSD	.55581	.3777	.38363	51.715	1.2399
#1	.23198	10.86	.69293	-.66961	-268.40
#2	.23421	10.84	.69807	-1.3272	-269.28
#3	.23424	10.78	.69428	-.51186	-263.16
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4467.1	50420.	7458.5	80.010	3562.3
Stddev	3.3	87.	3.1	.369	23.1
%RSD	.07306	.17223	.04187	.46152	.64735
#1	4469.3	50416.	7461.6	80.436	3588.5
#2	4463.4	50509.	7455.4	79.781	3545.2
#3	4468.6	50336.	7458.6	79.813	3553.1

Sample Name: K2178-03 Acquired: 4/2/2019 17:24:43 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06921	.00908	3.3407	.12810	.01553	213.16	2.6130	.00604
Stddev	.00281	.00063	.0041	.00184	.00125	5.05	.0616	.00014
%RSD	4.0533	6.9317	.12346	1.4375	8.0505	2.3702	2.3571	2.2770
#1	.07133	.00851	3.3379	.13013	.01633	207.34	2.5419	.00588
#2	.07026	.00976	3.3455	.12655	.01409	215.81	2.6457	.00613
#3	.06603	.00899	3.3388	.12762	.01618	216.34	2.6513	.00611
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01702	360.58	.43868	.20386	.97701	307.76	5.6597	168.33
Stddev	.00037	32.01	.00334	.00184	.00186	1.54	.0249	3.53
%RSD	2.1673	8.8786	.76113	.90109	.19062	.50147	.43935	2.0968
#1	.01660	323.62	.44064	.20597	.97911	309.51	5.6879	164.30
#2	.01728	378.54	.43482	.20296	.97555	306.59	5.6410	169.81
#3	.01719	379.58	.44057	.20263	.97636	307.18	5.6502	170.88
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43948	-.03250	10.674	.74217	5.2692	55.092	.01289	.12079
Stddev	.00199	.00131	.242	.00489	.0034	1.179	.00031	.01273
%RSD	.45214	4.0206	2.2679	.65842	.06448	2.1407	2.3689	10.536
#1	.43835	-.03399	10.396	.74710	5.2731	53.744	.01253	.13391
#2	.44177	-.03156	10.791	.74206	5.2676	55.599	.01308	.11997
#3	.43831	-.03195	10.835	.73733	5.2668	55.933	.01304	.10849
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.323	1.7189	.20642	F 10.884	.26835	F 10.81	.38516	<.00000
Stddev	.047	.1123	.00120	.967	.02487	.01	.06520	.41594
%RSD	.45298	6.5355	.58103	8.8802	9.2685	.0631	16.928	14.987
#1	10.279	1.5893	.20596	9.7678	.23964	10.80	.30988	-2.5820
#2	10.372	1.7775	.20552	11.438	.28319	10.81	.42217	-2.4911
#3	10.317	1.7898	.20778	11.446	.28222	10.81	.42344	-3.2527

Sample Name: K2178-03 Acquired: 4/2/2019 17:24:43 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-18 Custom ID2: Custom ID3:
 Comment:

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

#1	-336.27
#2	-341.05
#3	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4548.5	51121.	7813.1	86.993	3676.5
Stddev	5.1	171.	509.6	6.390	5.0
%RSD	.11166	.33449	6.5220	7.3450	.13572

#1	4543.3	50925.	8401.3	94.371	3670.7
#2	4553.5	51198.	7504.9	83.267	3679.9
#3	4548.6	51240.	7533.2	83.342	3678.8

Sample Name: K2182-01 Acquired: 4/2/2019 17:29:16 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04137	.00553	.66502	.12493	.01050	108.76	.87804
Stddev	.00119	.00163	.00559	.00199	.00111	1.15	.00851
%RSD	2.8800	29.557	.84074	1.5934	10.565	1.0528	.96885

#1	.04014	.00495	.67061	.12715	.00922	107.44	.86828
#2	.04251	.00738	.65942	.12431	.01104	109.51	.88198
#3	.04147	.00427	.66502	.12332	.01123	109.33	.88387

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00493	.00343	19.448	.24624	.12285	.94950	267.79
Stddev	.00006	.00016	1.166	.00266	.00146	.00164	1.04
%RSD	1.2986	4.6379	5.9955	1.0792	1.1847	.17305	.38948

#1	.00485	.00325	18.105	.24924	.12446	.95128	268.78
#2	.00497	.00350	20.046	.24532	.12163	.94918	267.89
#3	.00496	.00354	20.195	.24417	.12245	.94804	266.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3865	51.301	.25006	-.02320	1.4039	.46089	1.1157
Stddev	.0500	.334	.00195	.00088	.0176	.00462	.0015
%RSD	.53253	.65164	.77796	3.7755	1.2549	1.0031	.13521

#1	9.4370	50.915	.25163	-.02405	1.3843	.46599	1.1169
#2	9.3370	51.479	.24788	-.02230	1.4183	.45971	1.1140
#3	9.3856	51.508	.25066	-.02326	1.4091	.45698	1.1161

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.716	.01775	.11622	1.1234	1.9872	.04356	4.4159
Stddev	.061	.00025	.01391	.0098	.0793	.00066	.2499
%RSD	.39046	1.4335	11.965	.86755	3.9895	1.5100	5.6596

#1	15.697	.01780	.13005	1.1333	1.8958	.04431	4.1273
#2	15.785	.01747	.11638	1.1232	2.0375	.04328	4.5596
#3	15.667	.01797	.10224	1.1138	2.0283	.04309	4.5608

Sample Name: K2182-01 Acquired: 4/2/2019 17:29:16 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13717	6.211	-.18980	<.00000	F<.00000
Stddev	.00776	.024	.00678	.14957	4.4223
%RSD	5.6552	.3803	3.5730	4.0770	1.6358

#1	.12821	6.230	-.19753	-3.7453	-274.55
#2	.14172	6.185	-.18703	-3.7644	-270.74
#3	.14158	6.218	-.18484	-3.4963	-265.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4933.9	54230.	7796.5	87.462	4142.8
Stddev	15.2	101.	364.4	4.232	11.2
%RSD	.30737	.18599	4.6737	4.8386	.26927

#1	4916.5	54126.	8216.2	92.121	4130.4
#2	4944.5	54327.	7613.1	86.409	4152.0
#3	4940.5	54238.	7560.3	83.857	4146.0

Sample Name: K2182-03 Acquired: 4/2/2019 17:33:51 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8A-S8B(12-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02553	.00520	.39694	.09794	.00589	93.657	.71002
Stddev	.00204	.00120	.00017	.00137	.00246	.341	.00101
%RSD	8.0101	23.048	.04209	1.3991	41.799	.36391	.14219

#1	.02388	.00616	.39699	.09652	.00578	93.430	.71118
#2	.02489	.00558	.39707	.09806	.00840	93.492	.70939
#3	.02782	.00386	.39675	.09925	.00348	94.049	.70948

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.00875	45.788	.23713	.10414	.68184	204.31
Stddev	.00015	.00012	.273	.00184	.00042	.00146	1.67
%RSD	4.1830	1.3384	.59555	.77685	.40237	.21357	.81522

#1	.00356	.00888	45.626	.23509	.10463	.68326	202.70
#2	.00367	.00870	45.634	.23766	.10392	.68192	204.21
#3	.00386	.00867	46.103	.23866	.10388	.68035	206.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5912	61.031	.21325	-.01576	1.8866	.35430	.59725
Stddev	.0341	.059	.00044	.00055	.0006	.00355	.00041
%RSD	.74213	.09642	.20542	3.4575	.02968	1.0031	.06909

#1	4.6113	61.060	.21289	-.01518	1.8871	.35020	.59770
#2	4.5519	60.963	.21312	-.01626	1.8860	.35636	.59690
#3	4.6105	61.070	.21374	-.01586	1.8868	.35635	.59713

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.149	.01283	.11031	.86857	2.1572	.02831	3.6352
Stddev	.036	.00041	.00382	.00237	.0306	.00010	.0067
%RSD	.23553	3.1838	3.4611	.27273	1.4161	.36001	.18496

#1	15.113	.01331	.11438	.86598	2.1283	.02830	3.6293
#2	15.185	.01261	.10681	.87062	2.1542	.02821	3.6339
#3	15.149	.01259	.10974	.86912	2.1892	.02842	3.6425

Sample Name: K2182-03 Acquired: 4/2/2019 17:33:51 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S8A-S8B(12-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11326	5.084	-.11086	<.00000	F<.00000
Stddev	.00138	.019	.00170	.16400	4.7372
%RSD	1.2199	.3704	1.5379	9.5203	2.9850
#1	.11171	5.105	-.10906	-1.7473	-153.67
#2	.11374	5.069	-.11108	-1.8730	-163.07
#3	.11435	5.078	-.11245	-1.5478	-159.36
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4753.5	52661.	7348.9	87.026	4206.9
Stddev	3.9	243.	97.5	.681	1.7
%RSD	.08176	.46180	1.3269	.78270	.03929
#1	4754.5	52802.	7407.0	86.530	4208.8
#2	4749.3	52802.	7403.3	87.803	4206.3
#3	4756.9	52381.	7236.3	86.746	4205.6

Sample Name: K2182-05 Acquired: 4/2/2019 17:38:23 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01940	.00315	.11123	.08375	.00582	84.550	.76374
Stddev	.00114	.00107	.00078	.00299	.00086	.469	.00287
%RSD	5.8719	33.967	.70314	3.5641	14.770	.55485	.37580

#1	.02062	.00267	.11123	.08597	.00681	84.095	.76082
#2	.01920	.00437	.11201	.08036	.00530	84.523	.76384
#3	.01837	.00240	.11045	.08493	.00535	85.032	.76656

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00429	.00057	22.225	.18370	.10104	.58887	171.56
Stddev	.00004	.00006	.067	.00047	.00038	.00321	.16
%RSD	.87835	10.196	.30021	.25621	.37780	.54572	.09232

#1	.00427	.00064	22.255	.18353	.10123	.59229	171.74
#2	.00433	.00056	22.148	.18424	.10128	.58591	171.52
#3	.00426	.00052	22.271	.18335	.10060	.58840	171.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4632	37.856	.19467	-.01296	1.3761	.25934	.70863
Stddev	.0335	.304	.00025	.00025	.0192	.00031	.00040
%RSD	.51884	.80350	.13093	1.9379	1.3950	.11825	.05644

#1	6.4363	37.696	.19441	-.01275	1.3544	.25950	.70850
#2	6.4525	37.666	.19469	-.01324	1.3827	.25954	.70908
#3	6.5008	38.207	.19492	-.01290	1.3911	.25899	.70832

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.759	.00282	.10089	.31239	1.5711	.01289	2.9638
Stddev	.038	.00048	.01216	.00384	.0148	.00036	.0078
%RSD	.35395	16.830	12.055	1.2278	.94307	2.7626	.26180

#1	10.717	.00337	.11477	.31330	1.5832	.01291	2.9568
#2	10.769	.00249	.09575	.30818	1.5755	.01324	2.9624
#3	10.791	.00262	.09213	.31569	1.5546	.01252	2.9721

Sample Name: K2182-05 Acquired: 4/2/2019 17:38:23 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S8B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09479	5.777	-.08260	<.00000	F<.00000
Stddev	.00085	.011	.00037	.54894	.80659
%RSD	.89459	.1814	.44443	16.354	.64254
#1	.09534	5.773	-.08287	-3.9397	-125.05
#2	.09381	5.769	-.08275	-3.2800	-126.46
#3	.09522	5.789	-.08218	-2.8498	-125.08
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5039.5	55356.	7632.1	88.635	4384.1
Stddev	8.4	168.	34.0	.722	4.2
%RSD	.16698	.30273	.44576	.81410	.09499
#1	5033.5	55471.	7599.5	88.267	4384.7
#2	5049.2	55433.	7667.4	88.171	4387.9
#3	5035.9	55164.	7629.4	89.466	4379.6

Sample Name: CCV06 Acquired: 4/2/2019 17:42:59 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14797 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0200	4.9913	4.9622	5.0676	5.0681	10.234	10.353	.25176
Stddev	.0196	.0102	.0025	.0220	.0118	.029	.056	.00056
%RSD	.38937	.20456	.05124	.43458	.23364	.28001	.54396	.22389
#1	5.0007	4.9965	4.9631	5.0483	5.0569	10.252	10.351	.25150
#2	5.0398	4.9979	4.9593	5.0916	5.0805	10.201	10.411	.25241
#3	5.0194	4.9796	4.9641	5.0630	5.0669	10.249	10.298	.25138
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4689	24.711	1.0077	2.4637	1.2389	5.0140	2.5267	25.903
Stddev	.0023	.031	.0035	.0009	.0056	.0267	.0008	.120
%RSD	.09295	.12607	.35068	.03554	.45314	.53196	.03191	.46298
#1	2.4663	24.697	1.0116	2.4629	1.2327	5.0431	2.5268	25.789
#2	2.4696	24.688	1.0068	2.4636	1.2437	5.0082	2.5275	25.890
#3	2.4707	24.746	1.0048	2.4647	1.2404	4.9907	2.5259	26.028
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4651	1.2702	26.077	2.5095	2.4756	25.594	5.1166	5.1970
Stddev	.0026	.0043	.071	.0124	.0009	.117	.0163	.0269
%RSD	.10500	.34241	.27407	.49257	.03494	.45710	.31863	.51766
#1	2.4623	1.2749	26.148	2.5236	2.4746	25.698	5.1006	5.2173
#2	2.4657	1.2694	26.078	2.5044	2.4762	25.618	5.1332	5.1665
#3	2.4674	1.2663	26.005	2.5006	2.4760	25.467	5.1162	5.2072
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0216	5.1562	4.9807	5.1237	4.7671	5.031	4.9890	F 2.7136
Stddev	.0070	.0047	.0096	.0051	.0250	.005	.0107	.2062
%RSD	.13925	.09051	.19220	.10041	.52406	.1059	.21431	7.6006
#1	5.0267	5.1604	4.9697	5.1257	4.7916	5.031	5.0007	2.8933
#2	5.0246	5.1571	4.9868	5.1179	4.7682	5.036	4.9866	2.7591
#3	5.0136	5.1512	4.9857	5.1276	4.7416	5.026	4.9798	2.4884

Sample Name: CCV06 Acquired: 4/2/2019 17:42:59 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14797 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0072
Stddev .8300
%RSD 41.350

#1 1.9001
#2 2.8855
#3 1.2359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4404.0	48134.	6558.7	87.571	4285.7
Stddev	13.7	194.	25.2	.754	4.3
%RSD	.31127	.40386	.38410	.86082	.10060

#1	4418.7	47932.	6537.8	88.434	4290.5
#2	4391.7	48148.	6551.7	87.037	4284.6
#3	4401.5	48320.	6586.7	87.244	4282.1

Sample Name: CCB06 Acquired: 4/2/2019 17:47:06 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14797 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00035	F .00333	.00092	.00138	.00814	.00083	-.00001
Stddev	.00137	.00067	.00089	.00175	.00129	.00254	.00071	.00002
%RSD	1598.3	192.51	26.650	189.84	93.044	31.153	85.422	269.73
#1	-.00035	-.00041	.00321	.00061	.00078	.00948	.00004	.00001
#2	-.00130	.00035	.00427	-.00065	.00286	.00521	.00105	-.00002
#3	.00140	-.00099	.00250	.00280	.00051	.00972	.00139	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00617	-.00012	-.00020	-.00101	.01500	.00136	.01859
Stddev	.00002	.01884	.00013	.00033	.00052	.00068	.00001	.01461
%RSD	27.717	305.37	108.05	163.23	51.145	4.5195	.95472	78.578
#1	.00009	-.00918	-.00015	-.00040	-.00099	.01530	.00135	.02019
#2	.00005	.02720	-.00023	.00018	-.00050	.01547	.00137	.03233
#3	.00008	.00049	.00002	-.00038	-.00154	.01422	.00135	.00325
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00013	-.31549	-.00054	.00129	.07058	.00039	.00723
Stddev	.00014	.00041	.01140	.00038	.00019	.03445	.00031	.00277
%RSD	24.195	315.28	3.6137	70.604	14.436	48.812	77.655	38.265
#1	.00074	-.00030	-.30251	-.00060	.00150	.04849	.00074	.00992
#2	.00056	.00018	-.32388	-.00089	.00120	.05297	.00018	.00440
#3	.00046	.00051	-.32009	-.00013	.00116	.11027	.00025	.00736
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00468	-.00166	.00050	.00054	-.00180	-.0003	.00011	F 2.5309
Stddev	.00101	.00088	.00051	.00100	.00044	.0003	.00004	.2382
%RSD	21.523	52.706	103.26	184.69	24.276	102.5	41.422	9.4135
#1	.00354	-.00073	.00097	.00051	-.00217	-.0005	.00006	2.6503
#2	.00505	-.00177	.00057	.00155	-.00192	.0000	.00014	2.6858
#3	.00544	-.00247	-.00005	-.00044	-.00132	-.0003	.00012	2.2566

Sample Name: CCB06 Acquired: 4/2/2019 17:47:06 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14797 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .76596
Stddev	.18317
%RSD	23.914

#1	.81552
#2	.56310
#3	.91925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4437.9	47866.	6402.0	87.164	4615.8
Stddev	7.1	181.	8.6	1.113	7.7
%RSD	.16098	.37811	.13418	1.2772	.16646

#1	4442.6	47868.	6392.4	87.000	4615.2
#2	4441.5	47683.	6408.9	88.350	4623.7
#3	4429.7	48045.	6404.8	86.142	4608.4

Sample Name: K2182-07 Acquired: 4/2/2019 17:51:35 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7C(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05827	.01046	.47680	.13464	.01290	170.63	.73384
Stddev	.00185	.00163	.00107	.00131	.00245	.82	.00374
%RSD	3.1666	15.635	.22444	.97241	18.997	.47791	.50942

#1	.05659	.01229	.47624	.13341	.01127	169.69	.72966
#2	.05799	.00914	.47804	.13602	.01572	171.02	.73498
#3	.06025	.00995	.47613	.13449	.01172	171.18	.73687

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	.00008	9.7872	.29920	.13588	1.2704	285.68
Stddev	.00006	.00006	.0662	.00137	.00051	.0024	.70
%RSD	.99480	66.668	.67635	.45869	.37714	.18546	.24598

#1	.00571	.00003	9.7270	.29860	.13533	1.2695	285.91
#2	.00578	.00008	9.7765	.30076	.13598	1.2730	284.89
#3	.00567	.00014	9.8581	.29822	.13634	1.2685	286.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5994	46.270	.30081	-.02557	.98680	.45163	.74483
Stddev	.0306	.343	.00018	.00019	.01810	.00256	.00023
%RSD	.54657	.74153	.05955	.73394	1.8342	.56663	.03153

#1	5.5641	45.886	.30063	-.02577	.96649	.44984	.74457
#2	5.6183	46.546	.30080	-.02554	.99268	.45456	.74493
#3	5.6159	46.378	.30099	-.02540	1.0012	.45049	.74501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.890	.00822	.12038	2.2351	2.9571	.04545	3.4677
Stddev	.099	.00041	.00917	.0092	.0288	.00096	.0123
%RSD	.91159	4.9942	7.6202	.41229	.97545	2.1227	.35363

#1	10.786	.00858	.12454	2.2323	2.9405	.04656	3.4546
#2	10.901	.00777	.10986	2.2276	2.9904	.04501	3.4696
#3	10.984	.00830	.12674	2.2454	2.9404	.04478	3.4789

Sample Name: K2182-07 Acquired: 4/2/2019 17:51:35 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7C(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14297	8.381	-.25561	<.00000	F<.00000
Stddev	.00156	.008	.00083	.12291	2.8756
%RSD	1.0899	.0970	.32618	4.6657	1.0396

#1	.14134	8.388	-.25599	-2.6464	-275.39
#2	.14445	8.372	-.25465	-2.7509	-279.88
#3	.14311	8.382	-.25618	-2.5059	-274.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4829.9	52706.	7352.5	86.323	4208.9
Stddev	9.1	75.	20.7	1.847	4.8
%RSD	.18911	.14243	.28207	2.1394	.11501

#1	4832.9	52743.	7359.6	88.455	4213.0
#2	4819.7	52755.	7368.7	85.295	4203.6
#3	4837.2	52619.	7329.1	85.220	4210.2

Sample Name: K2182-09 Acquired: 4/2/2019 17:56:11 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7C(12-20)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02382	.00444	.33616	.09314	.00574	111.24	.74306
Stddev	.00091	.00102	.00124	.00368	.00140	.36	.00266
%RSD	3.8102	22.961	.36822	3.9515	24.472	.32621	.35761

#1	.02467	.00379	.33698	.09350	.00535	111.55	.74414
#2	.02392	.00392	.33473	.08929	.00457	110.84	.74003
#3	.02286	.00562	.33676	.09662	.00729	111.32	.74500

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00423	-.00164	25.706	.25731	.10100	.66320	194.95
Stddev	.00013	.00032	.140	.00288	.00031	.00178	2.11
%RSD	3.1579	19.509	.54332	1.1176	.31053	.26849	1.0800

#1	.00416	-.00198	25.550	.26061	.10081	.66173	197.07
#2	.00414	-.00159	25.748	.25593	.10136	.66518	194.93
#3	.00438	-.00135	25.820	.25538	.10082	.66269	192.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6416	49.404	.25784	-.01554	3.7373	.34745	.50036
Stddev	.0377	.320	.00092	.00018	.0223	.00484	.00034
%RSD	.81261	.64772	.35630	1.1331	.59738	1.3928	.06722

#1	4.6823	49.764	.25877	-.01540	3.7543	.35284	.50039
#2	4.6078	49.150	.25694	-.01547	3.7120	.34348	.50001
#3	4.6348	49.298	.25780	-.01574	3.7457	.34604	.50068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.179	.01338	.10497	.92879	2.8118	.02080	3.3707
Stddev	.077	.00016	.00897	.00575	.0216	.00082	.0053
%RSD	.68510	1.1701	8.5500	.61934	.76879	3.9654	.15793

#1	11.256	.01352	.11449	.93262	2.8097	.02130	3.3713
#2	11.102	.01341	.09667	.92218	2.7913	.02126	3.3651
#3	11.179	.01321	.10374	.93157	2.8344	.01985	3.3757

Sample Name: K2182-09 Acquired: 4/2/2019 17:56:11 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S7C(12-20)CO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10475	5.269	-.09203	<.00000	F<.00000
Stddev	.00181	.013	.00243	.34956	1.6809
%RSD	1.7250	.2406	2.6432	17.941	1.1608

#1	.10333	5.274	-.09462	-1.6338	-146.14
#2	.10414	5.278	-.09168	-2.3247	-145.37
#3	.10678	5.255	-.08980	-1.8866	-142.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4858.7	53153.	7323.1	86.683	4295.1
Stddev	7.4	416.	17.8	2.164	9.9
%RSD	.15284	.78272	.24295	2.4966	.23089

#1	4850.8	52672.	7340.9	89.181	4284.0
#2	4859.8	53389.	7305.3	85.469	4298.1
#3	4865.5	53397.	7322.9	85.398	4303.2

Sample Name: K2185-02 Acquired: 4/2/2019 18:00:48 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-4-OW(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18628	.01447	14.767	.17523	.05941	139.67	8.5275	.00732
Stddev	.00284	.00037	.011	.00229	.00175	1.16	.0844	.00017
%RSD	1.5251	2.5790	.07645	1.3046	2.9390	.83005	.98927	2.2971
#1	.18860	.01449	14.779	.17734	.05740	139.67	8.5319	.00725
#2	.18311	.01408	14.762	.17280	.06029	140.83	8.6096	.00720
#3	.18713	.01483	14.758	.17557	.06054	138.51	8.4411	.00751
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04552	164.56	.45338	.13003	4.4771	382.78	6.4439	81.353
Stddev	.00032	.31	.00352	.00036	.0019	1.76	.0760	.853
%RSD	.70715	.18918	.77726	.27995	.04308	.45995	1.1799	1.0487
#1	.04550	164.70	.45295	.12967	4.4756	382.15	6.4456	81.260
#2	.04521	164.20	.45710	.13003	4.4792	384.77	6.5191	82.249
#3	.04585	164.77	.45009	.13040	4.4763	381.42	6.3671	80.551
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46475	-.03213	2.8135	.54078	16.449	9.9692	.02358	.14814
Stddev	.00112	.00080	.0341	.00643	.037	.0750	.00041	.00499
%RSD	.24005	2.4826	1.2115	1.1892	.22517	.75250	1.7397	3.3662
#1	.46532	-.03305	2.8345	.54787	16.479	9.9737	.02376	.14357
#2	.46347	-.03163	2.8320	.53914	16.461	10.042	.02311	.15346
#3	.46547	-.03172	2.7742	.53533	16.408	9.8920	.02388	.14738
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9053	2.1457	1.8629	2.8101	.16972	F 19.51	.23685	<.00000
Stddev	.0154	.0323	.0006	.0030	.00080	.06	.00483	.43976
%RSD	.22282	1.5038	.03217	.10612	.47110	.2871	2.0385	13.249
#1	6.8898	2.1695	1.8635	2.8068	.16956	19.51	.24036	-3.3656
#2	6.9055	2.1089	1.8628	2.8127	.16901	19.56	.23134	-2.8582
#3	6.9205	2.1585	1.8623	2.8107	.17058	19.45	.23885	-3.7340

Sample Name: K2185-02 Acquired: 4/2/2019 18:00:48 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-4-OW(0-10) 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	4691.4	51659.	7349.8	80.431	3850.6
Stddev	6.5	352.	37.4	1.422	7.7
%RSD	.13917	.68047	.50825	1.7680	.20078

#1	4685.9	51650.	7331.4	79.088	3841.7
#2	4698.6	51313.	7392.8	81.921	3854.7
#3	4689.7	52016.	7325.3	80.286	3855.5

Sample Name: K1696-01 Acquired: 4/2/2019 18:05:19 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.22938	-.02990	.00365	.07111	.12542	2.3299	.93451
Stddev	.00437	.00440	.00095	.00542	.00238	.0165	.00250
%RSD	1.9071	14.729	25.934	7.6224	1.8962	.70812	.26723

#1	-.23422	-.02792	.00412	.06716	.12591	2.3306	.93399
#2	-.22570	-.02684	.00256	.06888	.12283	2.3131	.93723
#3	-.22823	-.03495	.00427	.07729	.12751	2.3461	.93232

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	.22460	477.56	-.14409	.00612	1.5174	F 942.48
Stddev	.00026	.00183	5.27	.00142	.00048	.0070	6.50
%RSD	7.7062	.81260	1.1031	.98529	7.7611	.46486	.68964

#1	.00367	.22473	479.23	-.14249	.00558	1.5245	936.64
#2	.00327	.22635	481.80	-.14520	.00641	1.5104	949.48
#3	.00319	.22271	471.66	-.14459	.00639	1.5174	941.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.053	233.53	.08542	-.43621	F 2360.2	-.04429	2.6409
Stddev	.203	2.17	.00211	.00260	29.2	.00042	.0174
%RSD	.51997	.93107	2.4695	.59526	1.2383	.95395	.65832

#1	38.838	231.92	.08496	-.43849	2370.4	-.04381	2.6333
#2	39.080	232.67	.08358	-.43675	2383.0	-.04447	2.6608
#3	39.241	236.01	.08772	-.43339	2327.2	-.04460	2.6287

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.126	-.02293	F -1.4655	F 60.157	F 10.464	.03514	.10859
Stddev	.059	.00021	.0444	.340	.141	.00093	.00034
%RSD	.29430	.91036	3.0262	.56458	1.3523	2.6410	.31673

#1	20.101	-.02285	-1.4437	60.107	10.517	.03518	.10855
#2	20.193	-.02317	-1.4362	60.519	10.572	.03419	.10828
#3	20.082	-.02277	-1.5165	59.845	10.304	.03605	.10896

Sample Name: K1696-01 Acquired: 4/2/2019 18:05:19 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07488	.9876	.94623	<.00000	^ *****
Stddev	.00478	.0042	.02344	.17602	-----
%RSD	6.3804	.4256	2.4776	1.4983	-----

#1	.07049	.9905	.96279	-11.737	^ -----
#2	.07417	.9895	.95649	-11.578	^ -----
#3	.07997	.9828	.91940	-11.929	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.0	37972.	6076.2	67.470	2554.1
Stddev	8.8	158.	93.9	1.845	16.1
%RSD	.26078	.41673	1.5458	2.7349	.62902

#1	3363.1	37950.	6033.2	66.998	2561.6
#2	3369.3	37826.	6011.4	65.907	2535.7
#3	3380.5	38140.	6183.9	69.506	2565.1

Sample Name: K1696-02 Acquired: 4/2/2019 18:09:56 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-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	-.00391	-.00150	.00158	.01949	.00502	.80188	.24127	-.00022
Stddev	.00210	.00137	.00059	.00166	.00199	.02667	.00200	.00018
%RSD	53.787	91.787	36.998	8.5069	39.586	3.3261	.82703	80.524
#1	-.00401	-.00187	.00113	.02132	.00462	.77290	.23904	-.00042
#2	-.00597	.00003	.00138	.01910	.00326	.80736	.24190	-.00009
#3	-.00176	-.00264	.00224	.01807	.00718	.82539	.24287	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00520	29.448	.00188	.00415	.01775	37.627	1.2257	3.1527
Stddev	.00006	.252	.00040	.00015	.00005	.130	.0014	.0877
%RSD	1.1214	.85552	21.510	3.7346	.30918	.34544	.10996	2.7812
#1	.00514	29.162	.00184	.00403	.01779	37.660	1.2256	3.0681
#2	.00526	29.636	.00231	.00410	.01769	37.737	1.2270	3.1467
#3	.00520	29.547	.00150	.00432	.01777	37.483	1.2243	3.2432
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01602	-.00315	F 3913.1	.00066	2.1363	21.761	.00165	.03892
Stddev	.00080	.00037	382.7	.00038	.0154	.071	.00067	.00337
%RSD	5.0055	11.768	9.7792	57.639	.72247	.32401	40.605	8.6631
#1	.01694	-.00274	4268.6	.00043	2.1227	21.786	.00241	.03508
#2	.01553	-.00325	3962.4	.00109	2.1530	21.816	.00143	.04141
#3	.01558	-.00347	3508.1	.00045	2.1331	21.682	.00112	.04027
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.152	1.9177	-.00326	.03257	.08396	.1174	.61880	10.639
Stddev	.156	.0225	.00100	.00136	.00823	.0007	.00128	.170
%RSD	.77234	1.1755	30.582	4.1614	9.7997	.6118	.20646	1.5935
#1	20.098	1.9430	-.00440	.03161	.07494	.1168	.61994	10.634
#2	20.327	1.9103	-.00255	.03412	.08589	.1171	.61742	10.811
#3	20.030	1.8998	-.00284	.03197	.09106	.1182	.61905	10.472

Sample Name: K1696-02 Acquired: 4/2/2019 18:09:56 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.2796
Stddev	1.0171
%RSD	23.766

#1	4.1209
#2	5.3667
#3	3.3512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.7	33887.	5721.2	74.447	2736.9
Stddev	18.1	199.	40.1	.506	15.8
%RSD	.55727	.58807	.70085	.67956	.57550

#1	3263.5	33720.	5683.5	73.900	2752.0
#2	3227.5	33834.	5716.9	74.899	2720.5
#3	3249.1	34108.	5763.3	74.542	2738.3

Sample Name: K1696-03 Acquired: 4/2/2019 18:14:25 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 21860 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00481	-.00961	.00093	.00414	.02229	.02093	.06510
Stddev	.00188	.00056	.00046	.00175	.00049	.00850	.00043
%RSD	39.092	5.8662	49.802	42.220	2.1984	40.640	.65806

#1	-.00582	-.01025	.00077	.00231	.02184	.01154	.06559
#2	-.00596	-.00923	.00057	.00431	.02221	.02312	.06495
#3	-.00264	-.00934	.00145	.00579	.02281	.02812	.06477

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00003	1.2369	.00012	.00008	-.00226	1.3174
Stddev	.00002	.00003	.0099	.00051	.00021	.00022	.0044
%RSD	25.687	89.631	.79823	424.32	267.60	9.6826	.33286

#1	-.00007	.00007	1.2434	.00071	.00026	-.00227	1.3208
#2	-.00010	.00002	1.2418	-.00014	-.00015	-.00248	1.3125
#3	-.00006	.00001	1.2255	-.00020	.00012	-.00204	1.3191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02167	.22782	.00356	-.00051	10.374	-.00031	.13333
Stddev	.00001	.03133	.00010	.00020	.319	.00043	.00021
%RSD	.06864	13.751	2.9301	39.094	3.0791	138.42	.15514

#1	.02168	.23974	.00347	-.00039	10.707	.00012	.13324
#2	.02165	.19228	.00367	-.00074	10.347	-.00074	.13357
#3	.02167	.25144	.00353	-.00040	10.070	-.00032	.13319

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.334	.00097	.04827	3.9432	.39604	.00377	.00144
Stddev	.423	.00009	.01628	.0058	.00123	.00045	.00110
%RSD	.50753	9.6528	33.731	.14598	.31163	11.824	76.516

#1	83.253	.00102	.02950	3.9414	.39463	.00327	.00101
#2	82.957	.00102	.05856	3.9386	.39694	.00414	.00062
#3	83.791	.00086	.05675	3.9497	.39654	.00390	.00269

Sample Name: K1696-03 Acquired: 4/2/2019 18:14:25 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 21860 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	F 21.18	.00880	.03374	F<.00000
Stddev	.00059	.02	.00004	.03616	.27919
%RSD	3485.5	.1042	.50195	107.15	24.930

#1	-.00057	21.17	.00876	.07383	-1.2971
#2	-.00009	21.20	.00880	.00360	-.79807
#3	.00060	21.16	.00885	.02380	-1.2645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4611.5	52506.	7390.8	97.482	5036.3
Stddev	12.2	68.	35.6	1.973	13.6
%RSD	.26420	.12863	.48221	2.0238	.26962

#1	4615.7	52480.	7420.7	99.757	5028.2
#2	4597.8	52582.	7351.4	96.440	5028.7
#3	4621.1	52455.	7400.5	96.249	5052.0

Sample Name: K2207-01 Acquired: 4/2/2019 18:18:48 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	-.00157	.00251	.01226	.00426	-.05791	.23574	-.00025
Stddev	.00029	.00092	.00138	.00184	.00138	.00876	.00103	.00002
%RSD	9.8007	58.726	54.799	15.008	32.339	15.130	.43894	9.6187
#1	-.00333	-.00148	.00403	.01427	.00306	-.06139	.23510	-.00028
#2	-.00283	-.00253	.00216	.01066	.00576	-.04794	.23519	-.00024
#3	-.00280	-.00070	.00134	.01185	.00395	-.06440	.23693	-.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	285.59	-.00130	.00084	.04292	18.166	1.1278	78.844
Stddev	.00010	1.15	.00044	.00020	.00033	.092	.0023	.121
%RSD	17.673	.40200	34.271	24.208	.76721	.50902	.20448	.15300
#1	-.00052	285.03	-.00178	.00078	.04255	18.262	1.1304	78.705
#2	-.00048	284.84	-.00120	.00067	.04303	18.157	1.1270	78.911
#3	-.00066	286.92	-.00091	.00107	.04318	18.078	1.1260	78.917
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	-.00189	79.210	-.00081	.07973	27.428	.00130	.37007
Stddev	.00014	.00041	1.658	.00008	.00019	.219	.00021	.00413
%RSD	3.0310	21.790	2.0933	9.3952	.24148	.79709	16.121	1.1170
#1	.00468	-.00143	78.300	-.00090	.07981	27.595	.00109	.36717
#2	.00471	-.00223	78.206	-.00079	.07987	27.181	.00151	.37481
#3	.00445	-.00201	81.123	-.00075	.07951	27.509	.00128	.36825
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 100.74	F 13.707	-.03601	-.00057	.04100	1.788	2.5805	4.1013
Stddev	.01	.087	.00062	.00209	.00220	.002	.0106	.1453
%RSD	.01194	.63164	1.7329	363.66	5.3718	.0977	.40921	3.5437
#1	100.74	13.779	-.03562	.00182	.03981	1.788	2.5869	4.2690
#2	100.75	13.732	-.03673	-.00151	.03964	1.787	2.5684	4.0201
#3	100.73	13.611	-.03567	-.00203	.04354	1.790	2.5863	4.0146

Sample Name: K2207-01 Acquired: 4/2/2019 18:18:48 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.2228
Stddev	.8606
%RSD	38.717

#1	3.1746
#2	1.4995
#3	1.9943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4159.0	46122.	6529.5	83.863	4002.8
Stddev	5.8	210.	36.4	1.324	4.4
%RSD	.13851	.45577	.55804	1.5783	.11019

#1	4161.2	45879.	6488.8	84.883	4000.8
#2	4152.5	46246.	6540.6	82.367	3999.8
#3	4163.3	46240.	6559.1	84.339	4007.9

Sample Name: K2207-01DUP Acquired: 4/2/2019 18:23:07 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00236	.00242	.01093	.00103	-.07409	.23216	-.00019
Stddev	.00226	.00036	.00037	.00281	.00080	.01261	.00229	.00002
%RSD	419.26	15.272	15.091	25.702	77.898	17.023	.98600	12.895

#1	.00082	-.00277	.00224	.00781	.00185	-.08596	.23007	-.00017
#2	.00071	-.00224	.00284	.01174	.00024	-.06085	.23461	-.00019
#3	-.00315	-.00208	.00218	.01325	.00101	-.07547	.23182	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	284.53	-.00108	.00078	.04272	18.012	1.1216	78.051
Stddev	.00005	.73	.00010	.00025	.00031	.107	.0024	.838
%RSD	7.7919	.25599	9.2136	32.533	.73504	.59222	.21524	1.0732

#1	-.00059	284.46	-.00108	.00107	.04236	17.889	1.1189	77.319
#2	-.00055	283.83	-.00097	.00064	.04287	18.075	1.1223	78.965
#3	-.00064	285.29	-.00117	.00062	.04292	18.072	1.1235	77.868

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	-.00176	87.681	-.00031	.07851	27.442	.00141	.37394
Stddev	.00004	.00056	1.324	.00012	.00017	.025	.00021	.01520
%RSD	.95827	31.503	1.5104	38.022	.21189	.09008	15.197	4.0659

#1	.00431	-.00240	86.218	-.00028	.07854	27.415	.00116	.35711
#2	.00436	-.00144	88.798	-.00022	.07866	27.447	.00151	.38668
#3	.00439	-.00144	88.027	-.00045	.07833	27.463	.00155	.37802

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 99.866	F 13.763	-.03592	-.00157	.03710	1.768	2.5724	3.7404
Stddev	.098	.085	.00053	.00200	.00144	.007	.0097	.2714
%RSD	.09851	.61576	1.4728	127.59	3.8775	.3794	.37761	7.2571

#1	99.909	13.789	-.03539	.00074	.03556	1.760	2.5775	3.4345
#2	99.754	13.668	-.03592	-.00285	.03731	1.772	2.5612	3.8340
#3	99.936	13.832	-.03645	-.00258	.03842	1.771	2.5784	3.9526

Sample Name: K2207-01DUP Acquired: 4/2/2019 18:23:07 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8780
Stddev	.4940
%RSD	26.308

#1	1.8605
#2	2.3805
#3	1.3929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4204.0	46564.	6531.6	84.762	4040.2
Stddev	18.0	60.	41.5	1.152	18.7
%RSD	.42701	.12859	.63498	1.3590	.46316

#1	4187.4	46632.	6501.1	83.433	4019.8
#2	4201.6	46539.	6578.9	85.370	4044.2
#3	4223.1	46520.	6515.0	85.482	4056.6

Sample Name: K2207-01LX5 Acquired: 4/2/2019 18:27:26 Type: Unk
Method: P4-ICP2(v3012) 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	.00060	-.00082	.00253	.00304	.00073	-.00940	.04668	-.00010
Stddev	.00335	.00100	.00027	.00182	.00133	.00872	.00163	.00005
%RSD	560.27	122.79	10.712	59.988	182.60	92.757	3.5011	51.612
#1	.00217	-.00086	.00260	.00095	-.00070	-.00643	.04759	-.00005
#2	-.00325	-.00180	.00277	.00389	.00095	-.00256	.04766	-.00015
#3	.00288	.00021	.00224	.00428	.00193	-.01922	.04480	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	59.834	-.00071	.00001	.00908	3.8322	.23576	15.850
Stddev	.00016	.198	.00010	.00006	.00015	.1639	.00991	.500
%RSD	90.683	.33130	13.899	446.99	1.6754	4.2763	4.2029	3.1545
#1	-.00035	60.027	-.00063	.00006	.00925	3.8897	.23960	15.883
#2	-.00011	59.631	-.00082	-.00005	.00901	3.9596	.24318	16.333
#3	-.00006	59.843	-.00067	.00002	.00897	3.6473	.22451	15.335
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00057	19.353	-.00015	.01666	5.6355	.00014	.06518
Stddev	.00040	.00054	.696	.00031	.00009	.1615	.00016	.00507
%RSD	32.467	94.699	3.5954	209.48	.53552	2.8654	113.06	7.7766
#1	.00148	-.00008	19.378	-.00031	.01672	5.7020	.00008	.06780
#2	.00145	-.00048	20.036	.00021	.01670	5.7531	.00002	.05934
#3	.00077	-.00115	18.645	-.00035	.01656	5.4514	.00033	.06842
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.869	2.9780	-.00834	-.00023	.00954	.3539	.53304	1.8905
Stddev	.155	.0348	.00095	.00109	.00266	.0038	.00246	.9388
%RSD	.77956	1.1690	11.336	467.14	27.864	1.068	.46237	49.659
#1	19.700	3.0173	-.00926	.00078	.00681	.3508	.53567	2.1057
#2	20.004	2.9656	-.00838	-.00010	.00969	.3581	.53078	2.7031
#3	19.902	2.9510	-.00738	-.00138	.01212	.3527	.53267	.86282

Sample Name: K2207-01LX5 Acquired: 4/2/2019 18:27:26 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.65553
Stddev	.95072
%RSD	145.03

#1	1.6546
#2	.55010
#3	-.23809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4488.1	49480.	6619.1	89.901	4466.4
Stddev	3.9	1825.	52.6	.852	2.7
%RSD	.08639	3.6878	.79449	.94731	.06030

#1	4483.6	48828.	6562.8	89.132	4469.4
#2	4490.0	48070.	6667.0	89.753	4464.3
#3	4490.7	51541.	6627.5	90.816	4465.4

Sample Name: K2207-01MS Acquired: 4/2/2019 18:31:49 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76350	1.8261	.92260	1.9581	.81726	1.9595	.42897
Stddev	.00200	.0041	.00264	.0076	.00429	.0191	.00384
%RSD	.26140	.22506	.28600	.38602	.52519	.97623	.89601

#1	.76283	1.8231	.92488	1.9662	.82204	1.9494	.42536
#2	.76193	1.8308	.91971	1.9571	.81374	1.9476	.42855
#3	.76575	1.8244	.92320	1.9512	.81600	1.9816	.43301

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19062	.18514	276.03	.38778	.19091	.32313	20.325
Stddev	.00016	.00041	2.18	.00154	.00075	.00083	.050
%RSD	.08493	.22295	.78994	.39720	.39082	.25629	.24538

#1	.19049	.18553	277.51	.38746	.19173	.32384	20.284
#2	.19058	.18471	273.53	.38945	.19074	.32222	20.380
#3	.19080	.18518	277.06	.38642	.19027	.32332	20.309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2810	77.684	.47594	.06933	93.856	.30306	.26634
Stddev	.0010	1.310	.00107	.00026	1.363	.00183	.00104
%RSD	.07870	1.6868	.22549	.37162	1.4517	.60514	.38929

#1	1.2798	76.172	.47658	.06962	92.506	.30218	.26738
#2	1.2816	78.485	.47655	.06925	93.830	.30517	.26531
#3	1.2816	78.395	.47470	.06912	95.230	.30184	.26634

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.896	.40501	.66556	F 96.891	F 14.333	.65057	.19890
Stddev	.256	.00008	.01115	.404	.189	.00280	.00162
%RSD	.69409	.01886	1.6746	.41737	1.3161	.43114	.81582

#1	36.639	.40500	.65271	96.871	14.551	.65282	.19783
#2	36.898	.40494	.67135	97.306	14.225	.65145	.20077
#3	37.151	.40509	.67261	96.498	14.222	.64743	.19811

Sample Name: K2207-01MS Acquired: 4/2/2019 18:31:49 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22095	7.521	2.7018	3.8024	F<.00000
Stddev	.00264	.031	.0204	.1317	.57269
%RSD	1.1944	.4062	.75466	3.4635	44.850

#1	.22397	7.536	2.7158	3.7850	-1.4505
#2	.21910	7.542	2.6784	3.9419	-.63748
#3	.21979	7.486	2.7112	3.6803	-1.7427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4190.0	46562.	6462.2	84.813	4018.5
Stddev	9.6	112.	78.3	.886	9.8
%RSD	.22805	.24095	1.2114	1.0447	.24283

#1	4183.4	46605.	6372.0	83.891	4011.2
#2	4185.7	46435.	6502.2	85.658	4014.8
#3	4201.0	46646.	6512.4	84.890	4029.6

Sample Name: CCV07 Acquired: 4/2/2019 18:35:52 Type: Unk
Method: P4-ICP2(v3012) 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	5.0746	5.0974	5.0052	5.1725	5.1290	10.477	10.587	.25451
Stddev	.0126	.0050	.0112	.0133	.0078	.057	.057	.00034
%RSD	.24783	.09857	.22273	.25634	.15305	.53951	.54209	.13308
#1	5.0774	5.0936	5.0151	5.1870	5.1380	10.530	10.532	.25482
#2	5.0855	5.1031	4.9931	5.1696	5.1255	10.417	10.583	.25456
#3	5.0608	5.0956	5.0074	5.1610	5.1236	10.484	10.647	.25415
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5071	25.320	1.0311	2.4937	1.2560	5.1428	2.5747	26.407
Stddev	.0040	.037	.0022	.0037	.0016	.0061	.0044	.239
%RSD	.15810	.14637	.20944	.14974	.12760	.11812	.17214	.90592
#1	2.5105	25.362	1.0317	2.4923	1.2579	5.1494	2.5777	26.676
#2	2.5027	25.291	1.0287	2.4908	1.2553	5.1373	2.5769	26.217
#3	2.5082	25.306	1.0328	2.4979	1.2549	5.1418	2.5696	26.329
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5165	1.2930	25.881	2.5911	2.4892	26.074	5.1628	5.3217
Stddev	.0021	.0008	.089	.0031	.0022	.010	.0083	.0119
%RSD	.08283	.05988	.34436	.11765	.08837	.03659	.16128	.22365
#1	2.5189	1.2938	25.979	2.5942	2.4916	26.064	5.1722	5.3253
#2	2.5149	1.2924	25.804	2.5881	2.4874	26.083	5.1598	5.3084
#3	2.5158	1.2927	25.860	2.5910	2.4885	26.076	5.1564	5.3313
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1046	5.2436	5.0548	5.2207	4.8799	5.152	5.0902	F 2.4572
Stddev	.0116	.0232	.0088	.0085	.0188	.013	.0182	.1123
%RSD	.22653	.44181	.17440	.16206	.38588	.2595	.35854	4.5695
#1	5.1082	5.2201	5.0554	5.2304	4.8583	5.162	5.0707	2.3276
#2	5.1139	5.2664	5.0457	5.2159	4.8931	5.156	5.1069	2.5189
#3	5.0917	5.2443	5.0633	5.2157	4.8882	5.137	5.0932	2.5251

Sample Name: CCV07 Acquired: 4/2/2019 18:35:52 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.9143
 Stddev .2792
 %RSD 9.5808

#1 2.6750
 #2 2.8469
 #3 3.2211

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4488.7	48762.	6639.1	87.385	4348.3
Stddev	4.5	112.	47.3	.372	7.7
%RSD	.09957	.22909	.71318	.42571	.17775

#1	4485.1	48772.	6671.5	86.962	4345.3
#2	4493.7	48646.	6584.8	87.659	4357.0
#3	4487.3	48868.	6661.0	87.535	4342.4

Sample Name: CCB07 Acquired: 4/2/2019 18:39:59 Type: Unk
Method: P4-ICP2(v3012) 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	.00194	.00059	.00220	.00135	.00352	.00291	.00118	-.00004
Stddev	.00195	.00077	.00039	.00124	.00078	.00311	.00038	.00002
%RSD	100.53	131.61	17.769	91.699	22.199	107.06	31.978	59.599
#1	.00222	.00144	.00222	.00059	.00275	.00643	.00162	-.00002
#2	.00373	.00040	.00180	.00068	.00431	.00054	.00102	-.00006
#3	-.00014	-.00007	.00258	.00278	.00348	.00175	.00091	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00288	-.00049	.00003	.00042	.01657	.00130	.04786
Stddev	.00005	.00545	.00011	.00018	.00048	.00065	.00005	.02197
%RSD	64.255	189.43	22.361	566.42	114.27	3.9117	3.7715	45.898
#1	.00007	.00296	-.00037	.00018	.00033	.01667	.00130	.02363
#2	.00003	-.00375	-.00057	-.00017	.00094	.01588	.00135	.05350
#3	.00012	-.00784	-.00054	.00009	-.00001	.01716	.00126	.06646
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.00041	F .93513	-.00037	.00090	.16784	.00037	-.00230
Stddev	.00010	.00002	.02152	.00018	.00016	.02126	.00022	.01599
%RSD	9.8244	4.3922	2.3010	49.052	17.532	12.666	59.609	694.49
#1	.00094	-.00040	.95869	-.00044	.00108	.18957	.00049	.00379
#2	.00115	-.00040	.91653	-.00050	.00085	.14709	.00011	.00975
#3	.00107	-.00043	.93016	-.00016	.00078	.16686	.00049	-.02045
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00974	-.00172	.00065	.00092	.00448	.0027	.00012	F 1.0275
Stddev	.00306	.00028	.00009	.00046	.00089	.0007	.00006	.2022
%RSD	31.432	16.029	14.334	50.099	19.801	26.58	54.800	19.679
#1	.00784	-.00197	.00068	.00053	.00349	.0019	.00019	1.2441
#2	.01327	-.00176	.00073	.00080	.00475	.0031	.00007	.84372
#3	.00811	-.00143	.00055	.00143	.00520	.0032	.00010	.99467

Sample Name: CCB07 Acquired: 4/2/2019 18:39:59 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0104
Stddev .6706
%RSD 66.374

#1 .62676
#2 1.7848
#3 .61966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4644.1	50176.	6663.4	88.925	4789.3
Stddev	7.5	102.	16.9	1.342	8.0
%RSD	.16072	.20390	.25300	1.5088	.16733

#1	4635.9	50062.	6682.8	88.925	4787.2
#2	4646.1	50259.	6651.9	87.583	4782.5
#3	4650.4	50207.	6655.6	90.267	4798.1

Sample Name: K2207-01MSD Acquired: 4/2/2019 18:44:28 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-6MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76561	1.8535	.92417	1.9688	.81651	1.9760	.42942
Stddev	.00155	.0110	.00252	.0057	.00067	.0292	.00068
%RSD	.20225	.59300	.27297	.28765	.08247	1.4784	.15804

#1	.76554	1.8661	.92599	1.9744	.81646	1.9742	.42864
#2	.76410	1.8483	.92129	1.9689	.81586	1.9478	.42976
#3	.76719	1.8460	.92523	1.9630	.81720	2.0061	.42985

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19138	.18595	279.85	.38855	.19130	.32412	20.376
Stddev	.00041	.00060	.62	.00224	.00025	.00068	.100
%RSD	.21337	.32063	.22313	.57594	.12867	.21113	.48945

#1	.19095	.18664	279.43	.38689	.19159	.32488	20.366
#2	.19142	.18556	280.57	.39110	.19118	.32355	20.480
#3	.19176	.18566	279.55	.38768	.19114	.32394	20.281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2866	77.309	.48016	.06923	96.572	.30224	.26349
Stddev	.0033	.376	.00132	.00082	.352	.00108	.00088
%RSD	.25528	.48690	.27583	1.1784	.36429	.35643	.33459

#1	1.2843	76.894	.48109	.06854	96.395	.30217	.26449
#2	1.2904	77.404	.47864	.07013	96.977	.30336	.26282
#3	1.2852	77.628	.48073	.06902	96.344	.30121	.26316

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.999	.40599	.67405	F 97.102	F 14.476	.65534	.20109
Stddev	.030	.00108	.00785	.503	.042	.00247	.00049
%RSD	.08019	.26512	1.1645	.51754	.29300	.37687	.24382

#1	37.009	.40671	.66504	97.634	14.470	.65795	.20078
#2	37.023	.40475	.67769	97.038	14.521	.65304	.20084
#3	36.966	.40650	.67942	96.635	14.437	.65504	.20166

Sample Name: K2207-01MSD Acquired: 4/2/2019 18:44:28 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-6MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22605	7.623	2.7266	3.6742	F<.00000
Stddev	.00303	.050	.0086	.3471	.37129
%RSD	1.3384	.6517	.31497	9.4467	34.150

#1	.22316	7.680	2.7271	3.8504	-.90041
#2	.22920	7.600	2.7350	3.8979	-.84648
#3	.22579	7.590	2.7178	3.2744	-1.5148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.8	46390.	6367.9	82.363	4008.6
Stddev	8.8	227.	40.6	.717	16.8
%RSD	.20888	.49029	.63813	.87014	.41930

#1	4185.5	46415.	6369.0	82.785	3991.7
#2	4188.0	46152.	6326.8	81.535	4008.9
#3	4201.8	46605.	6408.0	82.769	4025.3

Sample Name: K2207-01A Acquired: 4/2/2019 18:48:33 Type: Unk
Method: P4-ICP2(v3012) 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	.76045	1.8408	.91688	1.9572	.80758	1.9713	.42649	.19118
Stddev	.00130	.0112	.00343	.0025	.00101	.0139	.00118	.00005
%RSD	.17120	.60917	.37442	.12796	.12468	.70326	.27732	.02516
#1	.75910	1.8287	.91488	1.9573	.80820	1.9554	.42526	.19121
#2	.76170	1.8509	.92085	1.9597	.80812	1.9786	.42763	.19120
#3	.76055	1.8427	.91492	1.9547	.80641	1.9801	.42657	.19112
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18466	279.89	.38967	.18979	.32157	20.418	1.2844	77.346
Stddev	.00063	1.43	.00259	.00049	.00099	.070	.0043	.477
%RSD	.34297	.51159	.66458	.25698	.30671	.34208	.33822	.61666
#1	.18396	278.39	.38834	.18931	.32043	20.415	1.2812	76.802
#2	.18519	280.03	.38802	.19028	.32207	20.350	1.2827	77.696
#3	.18484	281.24	.39266	.18977	.32220	20.489	1.2894	77.538
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47846	.06867	96.705	.30526	.25997	37.077	.40258	.66468
Stddev	.00083	.00044	.386	.00112	.00046	.165	.00063	.01208
%RSD	.17339	.63666	.39913	.36822	.17845	.44481	.15740	1.8168
#1	.47789	.06860	96.318	.30644	.25951	36.955	.40287	.67778
#2	.47941	.06828	96.705	.30420	.26044	37.011	.40301	.65400
#3	.47806	.06914	97.090	.30514	.25994	37.264	.40185	.66224
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.352	F 14.444	.64823	.19850	.22598	7.561	2.7203	3.8108
Stddev	.350	.093	.00392	.00108	.00137	.051	.0081	.0562
%RSD	.36323	.64560	.60410	.54351	.60425	.6726	.29919	1.4750
#1	95.956	14.487	.64443	.19745	.22474	7.506	2.7137	3.8145
#2	96.479	14.337	.65225	.19844	.22575	7.606	2.7179	3.7528
#3	96.620	14.507	.64800	.19960	.22744	7.571	2.7294	3.8650

Sample Name: K2207-01A Acquired: 4/2/2019 18:48:33 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.93398
%RSD	382.54

#1	.55516
#2	-1.2708
#3	-.01680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4223.3	46381.	6372.9	86.423	4036.0
Stddev	10.1	64.	31.9	.365	6.8
%RSD	.24022	.13708	.50035	.42219	.16868

#1	4211.9	46401.	6365.3	86.408	4028.3
#2	4226.8	46432.	6407.9	86.065	4038.7
#3	4231.2	46310.	6345.6	86.794	4041.1

Sample Name: K1695-04 Acquired: 4/2/2019 18:52:36 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02579	.00380	.05228	.09804	.00489	91.993	.85208
Stddev	.00208	.00154	.00025	.00342	.00106	.442	.00747
%RSD	8.0668	40.665	.47855	3.4858	21.667	.48023	.87704

#1	.02449	.00554	.05256	.10198	.00547	92.016	.84733
#2	.02819	.00323	.05219	.09623	.00367	91.540	.84820
#3	.02469	.00261	.05209	.09591	.00554	92.423	.86069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	-.00157	40.759	.12431	.09198	.24126	195.47
Stddev	.00016	.00021	.043	.00151	.00044	.00044	.86
%RSD	5.6473	13.344	.10594	1.2116	.47372	.18192	.43898

#1	.00285	-.00145	40.800	.12595	.09244	.24102	195.48
#2	.00309	-.00145	40.763	.12299	.09192	.24177	194.60
#3	.00277	-.00182	40.714	.12400	.09158	.24100	196.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4005	39.758	.16434	-.01715	2.0451	.26361	.44920
Stddev	.0125	.519	.00047	.00023	.0088	.00023	.00095
%RSD	.13316	1.3052	.28881	1.3584	.43053	.08616	.21214

#1	9.4137	39.585	.16468	-.01729	2.0541	.26376	.44863
#2	9.3888	39.347	.16454	-.01727	2.0365	.26335	.45030
#3	9.3991	40.341	.16379	-.01688	2.0448	.26372	.44868

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.352	.00092	.10813	1.5502	4.5666	.00621	2.8871
Stddev	.054	.00041	.00493	.0087	.0200	.00061	.0064
%RSD	.44039	44.621	4.5594	.55962	.43796	9.8448	.22218

#1	12.331	.00116	.10508	1.5552	4.5775	.00590	2.8803
#2	12.311	.00115	.11381	1.5553	4.5788	.00582	2.8930
#3	12.414	.00044	.10549	1.5402	4.5435	.00692	2.8879

Sample Name: K1695-04 Acquired: 4/2/2019 18:52:36 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12583	6.149	-.11570	<.00000	F<.00000
Stddev	.00110	.016	.00102	.29029	1.7170
%RSD	.87582	.2671	.87930	6.7638	1.1093
#1	.12509	6.152	-.11549	-4.4287	-156.61
#2	.12710	6.163	-.11480	-4.4883	-154.52
#3	.12531	6.131	-.11680	-3.9584	-153.21
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5222.8	57225.	7756.3	90.690	4418.7
Stddev	4.0	130.	43.7	.664	4.6
%RSD	.07626	.22731	.56315	.73225	.10365
#1	5226.8	57253.	7722.1	89.999	4420.7
#2	5218.8	57338.	7741.2	90.750	4413.4
#3	5222.7	57083.	7805.5	91.323	4421.9

Sample Name: K1695-08 Acquired: 4/2/2019 18:57:13 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02571	.00363	.05156	.09698	.00591	95.869	.92014
Stddev	.00153	.00098	.00097	.00142	.00143	.142	.00120
%RSD	5.9491	27.003	1.8885	1.4656	24.165	.14792	.13067

#1	.02673	.00298	.05155	.09572	.00432	95.988	.91990
#2	.02395	.00315	.05254	.09669	.00631	95.712	.92144
#3	.02644	.00476	.05059	.09852	.00709	95.907	.91908

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	-.00156	34.264	.12184	.09214	.26655	203.50
Stddev	.00019	.00014	.103	.00121	.00029	.00095	.41
%RSD	6.0720	8.7225	.30187	.99309	.31616	.35610	.20011

#1	.00289	-.00144	34.311	.12323	.09240	.26676	203.21
#2	.00318	-.00153	34.335	.12114	.09220	.26737	203.97
#3	.00324	-.00171	34.145	.12114	.09183	.26551	203.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4436	43.521	.17172	-.01880	1.7728	.26117	.48153
Stddev	.0264	.090	.00044	.00037	.0126	.00162	.00040
%RSD	.40915	.20714	.25803	1.9869	.70806	.62113	.08253

#1	6.4265	43.618	.17201	-.01900	1.7757	.26299	.48133
#2	6.4740	43.439	.17195	-.01902	1.7836	.25987	.48199
#3	6.4304	43.507	.17121	-.01836	1.7590	.26067	.48127

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.866	.00039	.11292	1.5661	2.7682	.00638	2.4092
Stddev	.014	.00007	.00522	.0073	.0199	.00062	.0074
%RSD	.11891	16.695	4.6250	.46552	.71704	9.7157	.30679

#1	11.852	.00036	.11080	1.5682	2.7827	.00574	2.4028
#2	11.880	.00047	.10909	1.5722	2.7455	.00698	2.4074
#3	11.866	.00035	.11887	1.5581	2.7762	.00643	2.4173

Sample Name: K1695-08 Acquired: 4/2/2019 18:57:13 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12885	5.360	-.13499	<.00000	F<.00000
Stddev	.00168	.024	.00070	.08404	1.5819
%RSD	1.3070	.4438	.51541	2.0300	.99299
#1	.12882	5.352	-.13451	-4.1562	-160.12
#2	.12719	5.387	-.13579	-4.2143	-157.48
#3	.13056	5.341	-.13468	-4.0486	-160.31
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5113.1	56183.	7643.8	89.989	4372.6
Stddev	4.4	120.	14.9	1.462	1.8
%RSD	.08702	.21291	.19503	1.6251	.04093
#1	5111.3	56151.	7627.2	88.300	4373.1
#2	5118.2	56082.	7648.4	90.865	4370.5
#3	5109.9	56315.	7655.9	90.800	4374.0

Sample Name: K2190-01 Acquired: 4/2/2019 19:01:49 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04402	.00739	7.1717	.08758	.01287	123.46	1.2253
Stddev	.00162	.00099	.0055	.00391	.00234	.79	.0072
%RSD	3.6820	13.364	.07641	4.4652	18.156	.64346	.58931

#1	.04381	.00781	7.1684	.08597	.01537	122.65	1.2179
#2	.04574	.00810	7.1687	.09204	.01249	124.24	1.2323
#3	.04252	.00626	7.1780	.08473	.01074	123.50	1.2257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	.00188	557.07	.22104	.09169	.46739	194.91
Stddev	.00028	.00039	.98	.00139	.00064	.00197	1.46
%RSD	4.9399	20.826	.17558	.63016	.69712	.42129	.74924

#1	.00584	.00233	558.09	.22250	.09242	.46626	193.57
#2	.00529	.00161	557.00	.21973	.09123	.46625	196.47
#3	.00559	.00171	556.13	.22089	.09142	.46967	194.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4417	357.98	.20172	-.01967	2.4879	.31620	1.3353
Stddev	.0052	3.18	.00049	.00038	.0140	.00242	.0006
%RSD	.21231	.88694	.24457	1.9474	.56173	.76579	.04895

#1	2.4365	354.54	.20162	-.01993	2.4851	.31688	1.3359
#2	2.4469	360.80	.20226	-.01986	2.5031	.31820	1.3353
#3	2.4417	358.61	.20129	-.01923	2.4755	.31351	1.3346

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.144	.00552	.11604	4.0841	3.2911	.39411	2.3247
Stddev	.089	.00014	.00858	.0166	.1041	.00129	.0015
%RSD	.72938	2.4861	7.3978	.40581	3.1638	.32718	.06384

#1	12.045	.00562	.10631	4.0877	3.4006	.39368	2.3230
#2	12.215	.00537	.12256	4.0987	3.2793	.39309	2.3257
#3	12.172	.00558	.11924	4.0661	3.1934	.39556	2.3253

Sample Name: K2190-01 Acquired: 4/2/2019 19:01:49 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VN-SP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24041	7.560	.23849	.26450	F<.00000
Stddev	.00116	.017	.00228	.56500	1.3086
%RSD	.48341	.2210	.95400	213.60	.99062
#1	.24174	7.577	.24071	-.38624	-133.43
#2	.23995	7.558	.23617	.63007	-132.07
#3	.23956	7.544	.23858	.54969	-130.81
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4415.3	49480.	7053.2	81.354	3691.1
Stddev	2.8	292.	28.8	.620	5.8
%RSD	.06232	.59081	.40820	.76213	.15652
#1	4416.8	49780.	7020.5	82.052	3692.6
#2	4412.1	49195.	7064.2	81.142	3684.8
#3	4417.0	49466.	7074.8	80.868	3696.0

Sample Name: K2190-04 Acquired: 4/2/2019 19:06:15 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04409	.00895	3.7839	.11992	.00995	147.20	1.5000
Stddev	.00117	.00110	.0108	.00339	.00082	.64	.0076
%RSD	2.6625	12.318	.28433	2.8263	8.2030	.43510	.50692

#1	.04428	.00831	3.7715	.11888	.00902	146.83	1.4930
#2	.04284	.00832	3.7891	.12371	.01035	146.84	1.4990
#3	.04516	.01023	3.7910	.11718	.01050	147.94	1.5081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	.00048	160.82	.21244	.11600	.43568	253.60
Stddev	.00009	.00018	.72	.00230	.00060	.00111	.27
%RSD	1.5158	37.165	.44950	1.0823	.51885	.25589	.10534

#1	.00577	.00037	161.60	.21016	.11561	.43689	253.62
#2	.00561	.00069	160.70	.21239	.11570	.43544	253.33
#3	.00562	.00039	160.17	.21476	.11669	.43470	253.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3922	138.48	.25667	-.02546	1.9746	.35495	1.3370
Stddev	.0043	1.03	.00084	.00117	.0069	.00511	.0025
%RSD	.17965	.74704	.32864	4.5926	.34679	1.4409	.18540

#1	2.3890	137.75	.25624	-.02421	1.9816	.34977	1.3346
#2	2.3905	138.03	.25614	-.02565	1.9679	.35509	1.3369
#3	2.3971	139.67	.25765	-.02653	1.9743	.35999	1.3396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.218	.00542	.14898	2.8035	4.1813	.60041	2.6539
Stddev	.109	.00025	.00492	.0137	.0329	.00317	.0145
%RSD	.71799	4.5375	3.3033	.48830	.78737	.52753	.54747

#1	15.178	.00519	.14788	2.7902	4.2187	.59685	2.6419
#2	15.134	.00539	.15436	2.8176	4.1683	.60292	2.6497
#3	15.341	.00568	.14470	2.8027	4.1568	.60145	2.6700

Sample Name: K2190-04 Acquired: 4/2/2019 19:06:15 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VN-SP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28246	8.755	-.06279	<.00000	F<.00000
Stddev	.00177	.029	.00104	.11652	3.0211
%RSD	.62491	.3371	1.6511	4.9694	1.3540

#1	.28220	8.721	-.06177	-2.4749	-219.83
#2	.28083	8.770	-.06277	-2.3099	-223.76
#3	.28434	8.773	-.06384	-2.2498	-225.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4738.1	52601.	7345.4	87.575	4057.1
Stddev	14.0	50.	62.9	.935	10.9
%RSD	.29556	.09523	.85570	1.0679	.26791

#1	4739.4	52627.	7282.8	88.349	4067.9
#2	4723.5	52633.	7344.8	86.536	4046.2
#3	4751.5	52544.	7408.5	87.842	4057.4

Sample Name: K2190-04DUP Acquired: 4/2/2019 19:10:39 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04581	.00891	3.8422	.11011	.01072	134.42	1.4799
Stddev	.00059	.00118	.0024	.00347	.00246	.76	.0092
%RSD	1.2950	13.235	.06121	3.1489	22.923	.56794	.62177

#1	.04596	.00763	3.8395	.10617	.01353	133.60	1.4693
#2	.04515	.00917	3.8434	.11150	.00896	134.54	1.4859
#3	.04631	.00994	3.8437	.11267	.00968	135.12	1.4846

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	-.00101	75.844	.19161	.10450	.45260	230.34
Stddev	.00004	.00026	.186	.00207	.00022	.00046	2.40
%RSD	.76000	25.897	.24509	1.0825	.20889	.10140	1.0439

#1	.00533	-.00071	75.857	.18944	.10440	.45284	227.56
#2	.00541	-.00120	75.652	.19357	.10435	.45207	231.68
#3	.00538	-.00110	76.023	.19184	.10475	.45289	231.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3195	78.381	.22713	-.02160	1.5473	.34078	1.1974
Stddev	.0061	.673	.00080	.00034	.0128	.00442	.0008
%RSD	.26225	.85890	.35411	1.5876	.82695	1.2967	.06228

#1	2.3125	77.605	.22688	-.02122	1.5395	.33635	1.1976
#2	2.3231	78.733	.22802	-.02167	1.5621	.34518	1.1980
#3	2.3229	78.806	.22647	-.02190	1.5403	.34081	1.1966

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.586	.00529	.14542	3.9431	3.8474	.32453	2.4684
Stddev	.117	.00007	.01461	.0300	.0198	.00161	.0106
%RSD	.93077	1.3881	10.049	.76093	.51558	.49478	.43019

#1	12.461	.00538	.13426	3.9687	3.8688	.32298	2.4634
#2	12.605	.00525	.14004	3.9505	3.8439	.32619	2.4611
#3	12.692	.00525	.16196	3.9101	3.8296	.32442	2.4805

Sample Name: K2190-04DUP Acquired: 4/2/2019 19:10:39 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-2DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25066	8.656	-.06687	<.00000	F<.00000
Stddev	.00077	.041	.00268	.51739	1.7424
%RSD	.30912	.4769	4.0101	20.375	.93760
#1	.25123	8.682	-.06384	-2.8720	-183.99
#2	.24978	8.677	-.06894	-2.8027	-187.46
#3	.25097	8.608	-.06784	-1.9432	-186.05
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4894.4	53784.	7399.9	86.011	4217.2
Stddev	4.5	339.	34.3	.620	5.6
%RSD	.09188	.63076	.46313	.72127	.13395
#1	4894.1	54160.	7393.3	85.331	4214.2
#2	4899.1	53692.	7437.1	86.547	4223.7
#3	4890.1	53501.	7369.5	86.155	4213.7

Sample Name: K2190-04LX5 Acquired: 4/2/2019 19:15:04 Type: Unk
Method: P4-ICP2(v3012) 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	.01343	.00365	.78015	.03298	.00366	29.815	.31846
Stddev	.00221	.00044	.00413	.00160	.00062	.272	.00165
%RSD	16.494	12.104	.52930	4.8492	17.059	.91252	.51810

#1	.01494	.00336	.77539	.03482	.00438	30.112	.32007
#2	.01446	.00416	.78226	.03190	.00335	29.577	.31677
#3	.01088	.00343	.78279	.03222	.00325	29.757	.31852

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00157	27.927	.04440	.02222	.10031	62.198
Stddev	.00001	.00003	2.105	.00034	.00039	.00062	.278
%RSD	1.2359	2.1257	7.5395	.77361	1.7696	.62158	.44762

#1	.00111	-.00161	30.357	.04470	.02177	.09976	61.877
#2	.00110	-.00157	26.785	.04403	.02251	.10017	62.361
#3	.00112	-.00154	26.639	.04447	.02238	.10098	62.357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52997	23.452	.04944	-.00445	.56124	.07726	.24541
Stddev	.00293	.075	.00019	.00032	.00526	.00053	.00138
%RSD	.55368	.31957	.39175	7.2079	.93699	.68476	.56178

#1	.52674	23.476	.04941	-.00409	.56482	.07685	.24382
#2	.53073	23.513	.04965	-.00456	.56370	.07708	.24619
#3	.53246	23.368	.04927	-.00471	.55520	.07785	.24622

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0334	.00161	.04800	.65846	.98610	.09052	.59351
Stddev	.0323	.00033	.01193	.00663	.08506	.00012	.04754
%RSD	1.0642	20.293	24.849	1.0070	8.6256	.12782	8.0105

#1	3.0598	.00184	.04822	.65095	1.0841	.09064	.64840
#2	2.9974	.00124	.05981	.66354	.94245	.09041	.56665
#3	3.0430	.00176	.03596	.66088	.93173	.09051	.56547

Sample Name: K2190-04LX5 Acquired: 4/2/2019 19:15:04 Type: Unk
 Method: P4-ICP2(v3012) 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	.05965	1.711	-.02094	.09302	F<.00000
Stddev	.00650	.018	.00391	.34488	.67818
%RSD	10.898	1.054	18.667	370.77	5.4542
#1	.06715	1.694	-.01643	-.30064	-11.794
#2	.05602	1.708	-.02318	.23775	-13.145
#3	.05577	1.730	-.02322	.34195	-12.364
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4757.6	51944.	6697.9	87.636	4648.6
Stddev	16.9	215.	432.6	5.346	22.9
%RSD	.35615	.41443	6.4592	6.1001	.49253
#1	4776.7	52146.	6198.6	81.629	4675.0
#2	4751.4	51970.	6932.0	89.409	4634.1
#3	4744.6	51717.	6963.0	91.870	4636.7

Sample Name: K2190-04MS Acquired: 4/2/2019 19:19:29 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73043	1.9187	5.6974	1.7978	.16863	149.89	1.6748
Stddev	.00242	.0059	.0007	.0035	.00077	.40	.0010
%RSD	.33189	.30743	.01252	.19431	.45891	.26378	.06031

#1	.72913	1.9170	5.6972	1.7997	.16864	149.47	1.6750
#2	.72893	1.9138	5.6969	1.7938	.16940	149.93	1.6738
#3	.73322	1.9252	5.6982	1.7999	.16785	150.26	1.6758

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18556	.19064	95.882	.56650	.30778	.67357	225.57
Stddev	.00025	.00021	.227	.00310	.00027	.00127	.34
%RSD	.13228	.11269	.23640	.54673	.08721	.18928	.15193

#1	.18558	.19088	95.861	.56296	.30761	.67481	225.17
#2	.18531	.19047	95.666	.56778	.30809	.67226	225.77
#3	.18580	.19056	96.118	.56875	.30765	.67364	225.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6364	93.822	.73901	.04529	4.4445	.60734	1.5039
Stddev	.0031	.198	.00015	.00055	.0133	.00273	.0006
%RSD	.11909	.21135	.02032	1.2084	.30000	.45028	.04233

#1	2.6341	93.594	.73898	.04468	4.4598	.60430	1.5045
#2	2.6350	93.924	.73917	.04545	4.4383	.60959	1.5032
#3	2.6400	93.949	.73888	.04574	4.4354	.60813	1.5039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.538	.34590	.36629	2.7118	3.9002	1.5521	2.7562
Stddev	.051	.00077	.01359	.0076	.0376	.0019	.0088
%RSD	.21877	.22156	3.7101	.27960	.96366	.12116	.31770

#1	23.484	.34565	.35189	2.7039	3.8921	1.5499	2.7533
#2	23.542	.34528	.36811	2.7123	3.8673	1.5532	2.7492
#3	23.587	.34676	.37888	2.7190	3.9412	1.5532	2.7660

Sample Name: K2190-04MS Acquired: 4/2/2019 19:19:29 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-2MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45816	F 13.71	.14022	<.00000	F<.00000
Stddev	.00324	.03	.00121	.36113	3.8225
%RSD	.70770	.2037	.86585	15.647	2.1148

#1	.45648	13.68	.14089	-2.6506	-176.39
#2	.45610	13.71	.13882	-2.3427	-182.35
#3	.46190	13.74	.14095	-1.9308	-183.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4854.7	53717.	7265.5	84.990	4166.8
Stddev	8.7	85.	27.0	1.125	7.2
%RSD	.17875	.15795	.37146	1.3243	.17178

#1	4847.2	53736.	7265.5	85.600	4158.7
#2	4864.2	53791.	7292.4	83.692	4172.2
#3	4852.8	53624.	7238.5	85.680	4169.7

Sample Name: K2190-04MSD Acquired: 4/2/2019 19:23:48 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73178	1.9364	5.7100	1.8047	.16792	150.67	1.6956
Stddev	.00258	.0029	.0089	.0075	.00132	.51	.0088
%RSD	.35297	.15030	.15662	.41520	.78414	.33598	.51866

#1	.73475	1.9338	5.7156	1.7960	.16641	150.09	1.6855
#2	.73005	1.9396	5.6997	1.8093	.16886	151.03	1.6992
#3	.73053	1.9358	5.7148	1.8087	.16848	150.89	1.7020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18621	.19164	96.574	.57332	.30974	.67598	229.17
Stddev	.00009	.00043	.281	.00075	.00017	.00051	1.03
%RSD	.04636	.22639	.29133	.13154	.05475	.07522	.44835

#1	.18618	.19197	96.253	.57361	.30981	.67541	230.27
#2	.18614	.19114	96.778	.57246	.30955	.67638	228.24
#3	.18631	.19180	96.691	.57389	.30987	.67615	228.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6394	94.728	.74427	.04454	4.4920	.61473	1.5064
Stddev	.0023	.143	.00086	.00036	.0109	.00034	.0010
%RSD	.08598	.15061	.11534	.79863	.24285	.05567	.06684

#1	2.6390	94.774	.74526	.04495	4.4948	.61504	1.5075
#2	2.6419	94.569	.74373	.04433	4.5012	.61437	1.5061
#3	2.6374	94.843	.74382	.04433	4.4800	.61480	1.5056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.627	.34674	.38472	2.7346	3.8539	1.5773	2.7712
Stddev	.067	.00058	.00891	.0168	.0223	.0033	.0060
%RSD	.28511	.16747	2.3168	.61567	.57836	.20780	.21516

#1	23.555	.34655	.39463	2.7527	3.8765	1.5811	2.7677
#2	23.689	.34739	.38215	2.7318	3.8530	1.5758	2.7781
#3	23.637	.34627	.37736	2.7193	3.8320	1.5751	2.7679

Sample Name: K2190-04MSD Acquired: 4/2/2019 19:23:48 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45750	F 13.80	.13805	<.00000	F<.00000
Stddev	.00258	.04	.00271	.19205	2.4406
%RSD	.56405	.2551	1.9610	11.838	1.3427
#1	.45485	13.84	.13496	-1.5594	-182.45
#2	.46000	13.78	.13998	-1.8380	-179.07
#3	.45765	13.79	.13922	-1.4696	-183.80
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4840.4	53140.	7235.0	85.295	4143.6
Stddev	1.2	116.	17.7	1.394	2.7
%RSD	.02519	.21755	.24400	1.6338	.06426
#1	4840.1	53008.	7219.9	83.691	4143.9
#2	4841.7	53222.	7230.6	85.982	4146.2
#3	4839.3	53191.	7254.4	86.211	4140.9

Sample Name: CCV08 Acquired: 4/2/2019 19:28:06 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14794 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8538	4.9240	4.7544	4.9937	4.8831	9.9934	10.017	.24321
Stddev	.0188	.0097	.0117	.0211	.0199	.1109	.040	.00012
%RSD	.38814	.19642	.24684	.42252	.40675	1.1096	.39621	.04733
#1	4.8423	4.9254	4.7562	4.9884	4.8845	9.9604	9.9735	.24318
#2	4.8436	4.9137	4.7418	4.9758	4.8626	9.9028	10.025	.24311
#3	4.8756	4.9329	4.7651	5.0170	4.9022	10.117	10.051	.24334
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3985	24.720	.99829	2.3675	1.2092	4.9869	2.4759	25.110
Stddev	.0029	.110	.00149	.0033	.0050	.0192	.0016	.219
%RSD	.12000	.44325	.14947	.13957	.41299	.38483	.06561	.87086
#1	2.3996	24.837	.99910	2.3680	1.2061	4.9906	2.4769	24.949
#2	2.3952	24.620	.99657	2.3640	1.2065	4.9661	2.4768	25.021
#3	2.4007	24.702	.99921	2.3706	1.2149	5.0039	2.4740	25.359
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4262	1.2433	25.306	2.5244	2.3430	24.986	4.9343	5.1937
Stddev	.0042	.0039	.113	.0062	.0029	.198	.0194	.0320
%RSD	.17478	.31721	.44599	.24696	.12299	.79297	.39267	.61541
#1	2.4285	1.2452	25.205	2.5266	2.3446	24.862	4.9320	5.1737
#2	2.4213	1.2387	25.286	2.5174	2.3397	24.882	4.9163	5.1769
#3	2.4288	1.2458	25.427	2.5292	2.3448	25.215	4.9548	5.2306
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8291	5.0877	4.8083	5.0289	4.7333	4.940	4.9286	F 1.7914
Stddev	.0128	.0421	.0076	.0088	.0250	.009	.0296	.2120
%RSD	.26490	.82831	.15711	.17514	.52774	.1731	.60043	11.832
#1	4.8399	5.1138	4.8081	5.0381	4.7474	4.944	4.9358	1.7755
#2	4.8150	5.1103	4.8009	5.0206	4.7479	4.931	4.9540	1.5878
#3	4.8324	5.0391	4.8160	5.0279	4.7044	4.946	4.8961	2.0109

Sample Name: CCV08 Acquired: 4/2/2019 19:28:06 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14794 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5913
Stddev .6873
%RSD 26.521

#1 3.1602
#2 1.8277
#3 2.7861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4620.2	49981.	6713.7	90.763	4497.9
Stddev	13.1	92.	67.2	2.114	1.1
%RSD	.28263	.18455	1.0006	2.3293	.02519

#1	4625.9	49929.	6667.6	88.350	4497.8
#2	4629.6	50087.	6682.7	92.293	4499.1
#3	4605.3	49926.	6790.7	91.645	4496.8

Sample Name: CCB08 Acquired: 4/2/2019 19:32:13 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14794 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00038	F .00462	.00072	.00154	.00616	.00150	.00002
Stddev	.00170	.00078	.00043	.00099	.00105	.01002	.00019	.00009
%RSD	1045.2	203.32	9.3665	136.87	68.157	162.57	12.467	360.23
#1	-.00175	.00106	.00506	.00017	.00036	.01296	.00163	-.00003
#2	.00147	-.00047	.00420	.00186	.00236	-.00534	.00157	.00012
#3	.00077	.00056	.00459	.00013	.00190	.01088	.00128	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00074	-.00031	.00005	-.00098	.01992	.00139	.03389
Stddev	.00004	.02186	.00031	.00015	.00020	.00109	.00006	.02846
%RSD	34.000	2954.1	99.990	328.15	20.222	5.4910	4.4293	83.959
#1	.00007	-.00163	-.00065	.00007	-.00078	.02067	.00145	.05550
#2	.00015	.02155	-.00027	-.00012	-.00118	.01867	.00138	.00165
#3	.00012	-.02214	-.00002	.00018	-.00099	.02043	.00133	.04453
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00003	.14789	-.00067	.00116	.08990	.00011	.00862
Stddev	.00029	.00059	.01754	.00015	.00021	.00937	.00029	.00542
%RSD	23.874	2083.7	11.860	22.526	18.222	10.428	254.01	62.802
#1	.00108	-.00012	.16810	-.00068	.00133	.08618	.00002	.00883
#2	.00102	-.00057	.13893	-.00052	.00122	.08295	-.00012	.01393
#3	.00155	.00060	.13663	-.00082	.00092	.10056	.00044	.00311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	-.00356	.00067	.00036	.00382	.0023	.00004	F 1.1849
Stddev	.00206	.00109	.00050	.00065	.00164	.0004	.00001	.1620
%RSD	44.726	30.526	74.915	178.25	43.010	19.07	15.775	13.675
#1	.00223	-.00373	.00015	.00111	.00202	.0028	.00005	1.3710
#2	.00565	-.00455	.00115	-.00004	.00523	.0020	.00004	1.0751
#3	.00593	-.00240	.00071	.00002	.00421	.0021	.00005	1.1086

Sample Name: CCB08 Acquired: 4/2/2019 19:32:13 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14794 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1363
Stddev .3162
%RSD 27.826

#1 1.1209
#2 1.4598
#3 .82803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4620.9	49564.	6418.2	89.356	4790.9
Stddev	11.3	195.	8.5	.770	9.7
%RSD	.24393	.39251	.13238	.86135	.20294

#1	4608.8	49340.	6414.2	89.900	4782.1
#2	4622.8	49684.	6428.0	88.475	4789.2
#3	4631.1	49669.	6412.5	89.692	4801.3

Sample Name: K2190-04A Acquired: 4/2/2019 19:36:41 Type: Unk
Method: P4-ICP2(v3012) 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	.72485	1.9090	5.6906	1.7885	.16666	150.24	1.6747
Stddev	.00078	.0106	.0050	.0057	.00116	1.12	.0149
%RSD	.10715	.55293	.08808	.32119	.69431	.74461	.88762

#1	.72572	1.9208	5.6934	1.7939	.16679	150.26	1.6718
#2	.72424	1.9004	5.6849	1.7892	.16775	149.11	1.6615
#3	.72458	1.9059	5.6937	1.7825	.16545	151.35	1.6908

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18517	.18957	96.686	.56960	.30560	.67326	228.58
Stddev	.00056	.00013	.278	.00277	.00096	.00139	1.45
%RSD	.30201	.06877	.28738	.48710	.31462	.20668	.63424

#1	.18478	.18970	97.001	.56987	.30671	.67331	229.82
#2	.18492	.18956	96.473	.56670	.30512	.67463	226.99
#3	.18581	.18944	96.586	.57222	.30498	.67184	228.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6583	94.761	.73948	.04313	4.3605	.61125	1.4973
Stddev	.0037	.379	.00226	.00062	.0347	.00441	.0027
%RSD	.13883	.40033	.30566	1.4269	.79648	.72177	.17865

#1	2.6582	94.585	.74199	.04365	4.3431	.61122	1.4994
#2	2.6547	94.502	.73884	.04245	4.3378	.60685	1.4943
#3	2.6621	95.197	.73760	.04329	4.4005	.61567	1.4981

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.583	.34502	.38748	2.6826	3.9151	1.5093	2.7624
Stddev	.200	.00116	.00467	.0245	.0107	.0090	.0090
%RSD	.84667	.33510	1.2047	.91478	.27313	.59387	.32500

#1	23.620	.34631	.39183	2.7060	3.9030	1.5191	2.7584
#2	23.367	.34408	.38254	2.6570	3.9235	1.5015	2.7561
#3	23.762	.34466	.38806	2.6849	3.9187	1.5072	2.7727

Sample Name: K2190-04A Acquired: 4/2/2019 19:36:41 Type: Unk
 Method: P4-ICP2(v3012) 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	.46125	F 13.61	.13681	<.00000	F<.00000
Stddev	.00043	.06	.00084	.20619	.30653
%RSD	.09385	.4656	.61734	9.8440	.17106
#1	.46172	13.65	.13694	-1.9973	-178.91
#2	.46115	13.54	.13758	-2.3314	-179.14
#3	.46087	13.64	.13591	-1.9550	-179.51
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4864.6	53470.	7245.5	87.175	4176.7
Stddev	2.4	246.	61.2	1.530	5.3
%RSD	.04841	.46085	.84500	1.7551	.12683
#1	4867.2	53302.	7180.6	85.487	4172.5
#2	4862.7	53753.	7253.7	87.564	4182.6
#3	4864.0	53355.	7302.3	88.472	4174.9

Sample Name: K2196-01 Acquired: 4/2/2019 19:41:00 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-040119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13844	.00818	.72634	.13079	.01077	160.27	1.1044	.00594
Stddev	.00073	.00166	.00160	.00103	.00204	1.23	.0108	.00012
%RSD	.52706	20.359	.22086	.78669	18.926	.76443	.97597	2.0766
#1	.13862	.00937	.72473	.12970	.01312	158.88	1.0923	.00593
#2	.13907	.00888	.72794	.13091	.00941	161.20	1.1083	.00607
#3	.13764	.00628	.72636	.13175	.00980	160.74	1.1128	.00582
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00889	64.213	.26559	.23069	.41272	294.71	10.011	72.233
Stddev	.00028	.305	.00108	.00084	.00089	1.04	.071	.624
%RSD	3.1783	.47423	.40528	.36618	.21602	.35164	.70479	.86436
#1	.00861	64.563	.26566	.22981	.41191	295.90	10.023	71.519
#2	.00888	64.066	.26449	.23077	.41367	294.07	10.075	72.509
#3	.00918	64.009	.26664	.23149	.41258	294.16	9.9351	72.673
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39925	-.03754	26.727	.66134	1.1578	10.976	.00433	.65389
Stddev	.00084	.00026	.181	.00338	.0008	.060	.00015	.00223
%RSD	.21042	.70346	.67725	.51037	.07012	.54832	3.4247	.34151
#1	.39836	-.03749	26.525	.65772	1.1584	10.929	.00438	.65265
#2	.40003	-.03783	26.784	.66440	1.1569	11.043	.00417	.65647
#3	.39936	-.03731	26.873	.66190	1.1581	10.955	.00445	.65256
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8918	3.5120	.02379	2.7022	.13045	6.387	-.09659	<.00000
Stddev	.0093	.0901	.00119	.0039	.00057	.012	.00127	.22173
%RSD	.15710	2.5661	4.9917	.14289	.43638	.1813	1.3199	3.0499
#1	5.8821	3.6075	.02401	2.7033	.13063	6.374	-.09690	-7.5160
#2	5.9005	3.5002	.02486	2.6979	.13091	6.396	-.09518	-7.0856
#3	5.8927	3.4284	.02251	2.7053	.12981	6.392	-.09768	-7.2084

Sample Name: K2196-01 Acquired: 4/2/2019 19:41:00 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-040119 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	5407.7	59445.	8179.0	85.214	4082.2
Stddev	5.3	102.	121.0	1.920	3.6
%RSD	.09890	.17241	1.4795	2.2536	.08749

#1	5401.5	59472.	8053.5	83.117	4078.1
#2	5411.0	59332.	8188.6	86.887	4084.5
#3	5410.6	59532.	8294.9	85.638	4084.0

Sample Name: K1695-02 Acquired: 4/2/2019 19:45:35 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV-28399L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00104	.00295	-.00035	-.00005	.05186	.00951	-.00002
Stddev	.00208	.00065	.00064	.00147	.00051	.00626	.00036	.00003
%RSD	998.79	62.418	21.771	418.78	1123.9	12.064	3.8221	130.56

#1	.00171	-.00174	.00276	.00101	-.00038	.05462	.00961	-.00002
#2	-.00242	-.00047	.00242	-.00016	.00055	.05625	.00981	-.00005
#3	.00009	-.00090	.00366	-.00190	-.00030	.04469	.00911	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	13.101	.00453	-.00012	-.00034	.20839	.05543	.79963
Stddev	.00003	.051	.00014	.00007	.00042	.00052	.00052	.03174
%RSD	29.391	.38701	3.1360	56.155	126.06	.25111	.93436	3.9691

#1	.00013	13.046	.00460	-.00020	-.00052	.20839	.05541	.81572
#2	.00012	13.146	.00462	-.00006	-.00064	.20891	.05492	.76307
#3	.00007	13.111	.00436	-.00010	.00015	.20786	.05595	.82009

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	-.00084	14.323	.00597	.00182	3.0024	.00436	-.01081
Stddev	.00011	.00009	.031	.00022	.00021	.0308	.00007	.00577
%RSD	7.8808	10.791	.21354	3.7503	11.276	1.0265	1.4902	53.343

#1	.00136	-.00076	14.294	.00577	.00202	2.9972	.00439	-.01746
#2	.00158	-.00094	14.320	.00621	.00182	2.9745	.00441	-.00736
#3	.00141	-.00082	14.355	.00592	.00161	3.0355	.00429	-.00760

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4341	1.4668	-.00384	.00211	.00000	.0084	.05231	.90060
Stddev	.0114	.0028	.00031	.00161	.00078	.0007	.00014	.21578
%RSD	.33116	.19159	8.0164	76.532	83063.	8.371	.25880	23.959

#1	3.4468	1.4700	-.00413	.00367	-.00046	.0082	.05217	1.0056
#2	3.4310	1.4653	-.00387	.00045	-.00044	.0092	.05234	1.0438
#3	3.4247	1.4650	-.00351	.00221	.00090	.0078	.05244	.65242

Sample Name: K1695-02 Acquired: 4/2/2019 19:45:35 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV-28399L Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4762
 Stddev .6082
 %RSD 41.202

#1 1.1431
 #2 2.1782
 #3 1.1073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4631.1	49899.	6525.9	92.548	4797.4
Stddev	8.6	133.	41.6	2.106	6.1
%RSD	.18506	.26684	.63726	2.2758	.12708

#1	4621.4	49746.	6491.7	94.188	4790.5
#2	4637.7	49990.	6513.8	93.282	4802.0
#3	4634.2	49961.	6572.2	90.173	4799.7

Sample Name: K1695-02DUP Acquired: 4/2/2019 19:50:00 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV-28399LDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00101	.00290	-.00034	.00144	.04565	.00903	.00002
Stddev	.00267	.00046	.00041	.00264	.00043	.00541	.00027	.00007
%RSD	323.58	45.614	14.167	786.66	30.196	11.855	2.9786	319.85
#1	-.00219	-.00155	.00242	.00141	.00179	.05187	.00875	.00003
#2	.00289	-.00078	.00314	-.00338	.00157	.04298	.00903	.00008
#3	.00179	-.00072	.00313	.00096	.00095	.04209	.00929	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	12.714	.00443	-.00017	-.00047	.19542	.05374	.81486
Stddev	.00005	.047	.00031	.00006	.00027	.00217	.00009	.01106
%RSD	77.334	.37303	6.9895	36.837	58.080	1.1096	.17216	1.3574
#1	.00011	12.683	.00479	-.00023	-.00047	.19293	.05383	.82394
#2	.00002	12.690	.00429	-.00011	-.00074	.19640	.05365	.80254
#3	.00005	12.769	.00422	-.00016	-.00020	.19692	.05373	.81811
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	-.00021	13.878	.00591	.00106	2.9225	.00399	.00121
Stddev	.00019	.00037	.074	.00038	.00010	.0254	.00020	.01637
%RSD	13.507	170.14	.53368	6.3987	9.0042	.86756	5.0038	1347.8
#1	.00126	-.00002	13.802	.00556	.00110	2.8932	.00421	-.01766
#2	.00162	-.00064	13.950	.00586	.00112	2.9378	.00394	.01153
#3	.00134	.00002	13.882	.00631	.00095	2.9364	.00382	.00978
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2967	1.4334	-.00374	.00172	-.00157	.0079	.05087	.91986
Stddev	.0247	.0052	.00085	.00192	.00105	.0022	.00006	.15431
%RSD	.74936	.35899	22.644	111.68	66.785	28.07	.12377	16.775
#1	3.3247	1.4350	-.00301	.00276	-.00043	.0054	.05081	.74871
#2	3.2779	1.4376	-.00355	.00288	-.00250	.0096	.05094	1.0484
#3	3.2875	1.4277	-.00467	-.00050	-.00179	.0086	.05087	.96251

Sample Name: K1695-02DUP Acquired: 4/2/2019 19:50:00 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV-28399LDUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0391
Stddev	.4475
%RSD	43.063

#1	.87249
#2	1.5460
#3	.69889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4648.2	49978.	6550.4	91.544	4818.6
Stddev	4.7	96.	8.6	2.060	6.2
%RSD	.10083	.19199	.13156	2.2500	.12867

#1	4643.0	49993.	6540.6	90.872	4818.7
#2	4652.2	49876.	6557.0	93.856	4812.3
#3	4649.3	50066.	6553.5	89.904	4824.7

Sample Name: K1695-02LX5 Acquired: 4/2/2019 19:54:23 Type: Unk
Method: P4-ICP2(v3012) 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	.00107	-.00107	.00289	-.00054	.00015	.01399	.00244	-.00005
Stddev	.00258	.00038	.00021	.00134	.00144	.00671	.00038	.00008
%RSD	241.48	35.435	7.1447	248.92	930.00	47.936	15.520	157.21

#1	.00376	-.00063	.00267	-.00028	.00107	.00899	.00208	-.00003
#2	-.00139	-.00134	.00292	-.00199	.00090	.02162	.00240	.00001
#3	.00084	-.00123	.00308	.00065	-.00151	.01137	.00284	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	2.6736	.00055	.00000	-.00141	.05435	.01230	.20073
Stddev	.00002	.0111	.00036	.00008	.00011	.00086	.00016	.03210
%RSD	45.765	.41559	65.239	12550.	7.6337	1.5855	1.2813	15.994

#1	.00006	2.6616	.00070	.00006	-.00150	.05335	.01245	.16509
#2	.00005	2.6835	.00014	.00003	-.00144	.05481	.01230	.20970
#3	.00002	2.6757	.00081	-.00009	-.00129	.05488	.01213	.22740

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00013	2.9047	.00059	.00051	.64029	.00085	-.00187
Stddev	.00039	.00010	.0115	.00030	.00004	.04055	.00003	.00886
%RSD	26.794	80.038	.39709	50.512	8.3696	6.3328	3.8856	473.37

#1	.00188	-.00001	2.9179	.00065	.00046	.68708	.00086	-.01030
#2	.00109	-.00018	2.8997	.00027	.00054	.61537	.00087	.00736
#3	.00145	-.00020	2.8965	.00085	.00053	.61842	.00081	-.00267

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67726	.29315	-.00292	.00216	-.00049	.0040	.01051	.54814
Stddev	.00441	.00583	.00051	.00033	.00125	.0012	.00012	.18279
%RSD	.65158	1.9903	17.322	15.198	257.43	30.61	1.1262	33.348

#1	.68174	.29908	-.00245	.00183	-.00089	.0027	.01039	.75842
#2	.67711	.29296	-.00345	.00217	-.00149	.0052	.01051	.45877
#3	.67292	.28742	-.00285	.00248	.00092	.0041	.01062	.42722

Sample Name: K1695-02LX5 Acquired: 4/2/2019 19:54:23 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .75983
 Stddev .46817
 %RSD 61.616

#1 .33763
 #2 1.2633
 #3 .67853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4674.8	50325.	6522.9	91.819	4861.6
Stddev	14.5	202.	25.7	.373	8.9
%RSD	.31049	.40133	.39372	.40632	.18268

#1	4667.5	50094.	6495.7	91.617	4861.4
#2	4665.5	50463.	6526.3	91.592	4852.8
#3	4691.5	50419.	6546.7	92.250	4870.6

Sample Name: K1695-02MS Acquired: 4/2/2019 19:58:51 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV-28399LMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74389	1.9169	.91404	1.9670	.75290	1.9741	.20488
Stddev	.00299	.0023	.00466	.0086	.00449	.0117	.00086
%RSD	.40153	.12097	.51005	.43761	.59574	.59264	.42041

#1	.74712	1.9181	.90912	1.9767	.74775	1.9734	.20496
#2	.74122	1.9143	.91839	1.9641	.75590	1.9862	.20570
#3	.74333	1.9184	.91463	1.9602	.75506	1.9628	.20399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19377	.18351	13.915	.40359	.18533	.30088	3.2088
Stddev	.00041	.00035	.063	.00044	.00063	.00133	.0082
%RSD	.21399	.18986	.45321	.10843	.34157	.44088	.25553

#1	.19346	.18388	13.870	.40359	.18465	.29937	3.2057
#2	.19360	.18319	13.887	.40315	.18545	.30142	3.2026
#3	.19424	.18346	13.987	.40403	.18590	.30185	3.2181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25353	2.7424	.48166	.07040	16.830	.31052	.18199
Stddev	.00010	.0158	.00103	.00021	.066	.00077	.00011
%RSD	.03958	.57639	.21484	.29235	.38948	.24685	.06301

#1	.25361	2.7591	.48058	.07063	16.883	.30965	.18191
#2	.25342	2.7277	.48264	.07030	16.757	.31083	.18212
#3	.25355	2.7404	.48175	.07026	16.849	.31108	.18194

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.614	.38742	.29552	3.3733	2.3859	.63768	.19587
Stddev	.118	.00083	.00701	.0078	.0069	.00097	.00247
%RSD	.93645	.21383	2.3710	.23101	.28963	.15272	1.2598

#1	12.737	.38646	.28978	3.3822	2.3879	.63805	.19381
#2	12.604	.38781	.30333	3.3693	2.3782	.63842	.19518
#3	12.502	.38797	.29346	3.3683	2.3916	.63658	.19860

Sample Name: K1695-02MS Acquired: 4/2/2019 19:58:51 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV-28399LMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19108	5.446	.24041	.62102	F<.00000
Stddev	.00099	.006	.00194	.24311	.43000
%RSD	.52053	.1173	.80648	39.147	22.971

#1	.19174	5.451	.24037	.73218	-1.8043
#2	.19156	5.439	.23849	.34220	-1.4797
#3	.18993	5.449	.24236	.78867	-2.3317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4639.7	50149.	6499.4	90.353	4723.5
Stddev	6.4	182.	56.2	1.382	6.6
%RSD	.13763	.36214	.86521	1.5297	.13869

#1	4646.3	49951.	6485.6	90.898	4721.5
#2	4633.5	50309.	6561.3	91.379	4718.1
#3	4639.4	50185.	6451.4	88.781	4730.8

Sample Name: K1695-02MSD Acquired: 4/2/2019 20:02:55 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV-28399LMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74027	1.9175	.90935	1.9714	.75444	1.9324	.20433
Stddev	.00392	.0108	.00468	.0091	.00431	.0210	.00233
%RSD	.52940	.56358	.51436	.46232	.57149	1.0842	1.1407

#1	.74472	1.9288	.91473	1.9739	.75937	1.9176	.20164
#2	.73873	1.9163	.90698	1.9789	.75136	1.9232	.20580
#3	.73735	1.9073	.90632	1.9612	.75260	1.9564	.20555

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19302	.18234	13.880	.40220	.18428	.29974	3.1969
Stddev	.00041	.00031	.052	.00206	.00102	.00130	.0139
%RSD	.21201	.17109	.37326	.51121	.55465	.43418	.43583

#1	.19280	.18238	13.836	.40271	.18546	.30106	3.1889
#2	.19277	.18201	13.937	.39994	.18371	.29970	3.1889
#3	.19349	.18263	13.867	.40395	.18366	.29846	3.2130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25275	2.7445	.48060	.07006	16.882	.30938	.18080
Stddev	.00020	.0296	.00277	.00050	.092	.00158	.00077
%RSD	.08049	1.0803	.57693	.71079	.54449	.51119	.42775

#1	.25252	2.7131	.48380	.06958	16.786	.31084	.18165
#2	.25287	2.7721	.47886	.07003	16.970	.30770	.18060
#3	.25287	2.7482	.47915	.07057	16.891	.30960	.18014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.650	.38607	.30012	3.3803	2.3678	.63658	.19549
Stddev	.101	.00221	.00796	.0152	.0156	.00344	.00075
%RSD	.79613	.57294	2.6526	.45017	.65703	.53972	.38449

#1	12.558	.38862	.30299	3.3978	2.3855	.64053	.19482
#2	12.758	.38471	.29112	3.3731	2.3566	.63426	.19630
#3	12.635	.38488	.30625	3.3700	2.3612	.63494	.19536

Sample Name: K1695-02MSD Acquired: 4/2/2019 20:02:55 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV-28399LMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19026	5.446	.24011	.89024	F<.00000
Stddev	.00036	.033	.00192	.14273	.37131
%RSD	.18764	.6103	.79839	16.032	20.399

#1	.18989	5.481	.24125	.72711	-1.4356
#2	.19060	5.444	.24119	.95153	-2.1765
#3	.19030	5.414	.23790	.99209	-1.8486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4655.9	50231.	6517.2	90.744	4744.4
Stddev	.9	48.	54.4	.570	8.4
%RSD	.02025	.09565	.83522	.62817	.17689

#1	4654.8	50280.	6457.9	91.399	4737.2
#2	4656.5	50184.	6529.0	90.358	4753.6
#3	4656.5	50228.	6564.8	90.476	4742.3

Sample Name: K1695-02A Acquired: 4/2/2019 20:06:59 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72979	1.8915	.89798	1.9433	.74418	1.9216	.19998
Stddev	.00162	.0028	.00248	.0019	.00092	.0059	.00026
%RSD	.22217	.14615	.27582	.09786	.12325	.30589	.13186

#1	.72903	1.8943	.90084	1.9450	.74381	1.9217	.19967
#2	.72869	1.8916	.89643	1.9413	.74522	1.9156	.20014
#3	.73165	1.8887	.89668	1.9437	.74350	1.9274	.20012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18980	.18117	13.651	.39691	.18171	.29592	3.1408
Stddev	.00024	.00061	.015	.00179	.00074	.00075	.0101
%RSD	.12479	.33542	.10722	.45001	.40884	.25291	.32062

#1	.18995	.18182	13.644	.39878	.18086	.29530	3.1523
#2	.18953	.18062	13.667	.39522	.18227	.29675	3.1367
#3	.18993	.18107	13.640	.39674	.18198	.29570	3.1334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24848	2.6929	.47369	.06903	16.543	.30541	.17812
Stddev	.00046	.0449	.00103	.00099	.035	.00230	.00030
%RSD	.18518	1.6693	.21736	1.4377	.21080	.75249	.16863

#1	.24898	2.7361	.47279	.07017	16.510	.30791	.17840
#2	.24807	2.6464	.47481	.06850	16.579	.30338	.17780
#3	.24838	2.6963	.47345	.06841	16.540	.30494	.17815

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.457	.38219	.29601	3.3163	2.3346	.62853	.19250
Stddev	.055	.00068	.00549	.0084	.0258	.00014	.00171
%RSD	.44378	.17744	1.8550	.25311	1.1068	.02250	.88732

#1	12.409	.38149	.29582	3.3245	2.3645	.62848	.19296
#2	12.517	.38285	.29061	3.3077	2.3208	.62842	.19393
#3	12.445	.38222	.30159	3.3166	2.3187	.62869	.19061

Sample Name: K1695-02A Acquired: 4/2/2019 20:06:59 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18722	5.362	.23818	.41106	F<.00000
Stddev	.00022	.014	.00070	.12352	.37821
%RSD	.11921	.2525	.29239	30.050	29.446
#1	.18735	5.378	.23849	.55352	-1.1393
#2	.18734	5.353	.23867	.33390	-1.7137
#3	.18696	5.356	.23738	.34574	-1.0002
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4698.0	50891.	6543.2	92.496	4795.2
Stddev	3.9	236.	34.7	2.473	3.2
%RSD	.08377	.46405	.53096	2.6738	.06688
#1	4700.7	50624.	6503.3	89.940	4792.7
#2	4699.8	50976.	6566.9	94.877	4798.8
#3	4693.5	51073.	6559.5	92.670	4794.1

Sample Name: K1695-07 Acquired: 4/2/2019 20:11:04 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	-.00131	.00479	.00792	.00209	.26983	.25319	-.00004
Stddev	.00078	.00082	.00041	.00136	.00129	.00501	.00504	.00004
%RSD	16.056	62.731	8.5659	17.240	61.580	1.8578	1.9919	91.022

#1	.00563	-.00129	.00474	.00946	.00269	.26479	.25408	-.00002
#2	.00408	-.00214	.00522	.00687	.00297	.26989	.25774	-.00009
#3	.00479	-.00049	.00441	.00742	.00061	.27481	.24777	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	8.0181	-.00132	.00392	.00193	12.190	.88001	.92686
Stddev	.00004	.0263	.00072	.00033	.00008	.124	.00860	.03995
%RSD	8.9019	.32840	54.818	8.3151	4.0748	1.0184	.97685	4.3106

#1	-.00045	8.0241	-.00206	.00429	.00196	12.329	.88558	.93428
#2	-.00040	8.0410	-.00127	.00369	.00199	12.151	.88435	.96258
#3	-.00048	7.9893	-.00062	.00377	.00184	12.090	.87011	.88372

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	-.00100	322.74	.00074	.03805	.50144	.00013	.01952
Stddev	.00042	.00024	2.76	.00027	.00014	.01207	.00027	.00796
%RSD	9.8772	24.072	.85667	36.863	.36824	2.4068	210.05	40.765

#1	.00470	-.00093	323.05	.00096	.03793	.50985	.00041	.02585
#2	.00393	-.00126	325.35	.00081	.03801	.48761	-.00012	.01059
#3	.00405	-.00080	319.84	.00044	.03820	.50686	.00009	.02211

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12777	.63474	-.00287	.00738	-.00275	.0104	.01029	1.3193
Stddev	.00258	.01087	.00042	.00202	.00022	.0007	.00010	.3604
%RSD	2.0157	1.7131	14.814	27.328	7.9130	6.736	.96900	27.319

#1	.13063	.64658	-.00240	.00529	-.00286	.0098	.01022	1.5963
#2	.12706	.63245	-.00322	.00753	-.00250	.0102	.01024	.91180
#3	.12563	.62520	-.00298	.00932	-.00288	.0112	.01040	1.4497

Sample Name: K1695-07 Acquired: 4/2/2019 20:11:04 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5241
Stddev	.7665
%RSD	21.750

#1	4.3638
#2	2.8620
#3	3.3466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4512.7	49181.	6592.7	91.439	4374.8
Stddev	9.1	483.	63.4	.971	5.8
%RSD	.20180	.98251	.96200	1.0617	.13294

#1	4507.8	48711.	6525.3	92.392	4369.7
#2	4523.2	49157.	6651.1	91.475	4381.1
#3	4507.0	49676.	6601.8	90.451	4373.5

Sample Name: K1695-07DUP Acquired: 4/2/2019 20:15:38 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00218	.00500	.00964	.00207	.26929	.25377	.00003
Stddev	.00347	.00057	.00031	.00116	.00035	.00454	.00285	.00008
%RSD	111.09	26.258	6.2718	12.031	16.780	1.6872	1.1214	254.22

#1	-.00010	-.00255	.00536	.01063	.00167	.27022	.25062	-.00006
#2	.00268	-.00247	.00479	.00836	.00225	.27329	.25454	.00007
#3	.00680	-.00152	.00486	.00994	.00229	.26435	.25615	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	7.9939	-.00122	.00399	.00227	12.186	.88248	.92326
Stddev	.00010	.0117	.00013	.00016	.00016	.059	.00213	.02359
%RSD	21.796	.14688	10.464	4.0905	7.2426	.48173	.24134	2.5556

#1	-.00049	8.0014	-.00137	.00392	.00235	12.128	.88029	.90468
#2	-.00034	7.9804	-.00115	.00417	.00208	12.245	.88262	.94980
#3	-.00052	8.0000	-.00114	.00387	.00237	12.185	.88454	.91529

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	-.00123	316.87	.00074	.03787	.49625	-.00005	.02272
Stddev	.00023	.00018	2.72	.00027	.00015	.01722	.00030	.00328
%RSD	5.5287	14.908	.85767	36.712	.39707	3.4703	590.20	14.426

#1	.00398	-.00138	314.67	.00102	.03803	.50542	-.00037	.02538
#2	.00413	-.00129	316.04	.00072	.03783	.47638	.00022	.02373
#3	.00443	-.00103	319.91	.00048	.03774	.50695	.00000	.01906

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13085	.61485	-.00304	.00838	-.00200	.0106	.01044	1.1215
Stddev	.00204	.00570	.00067	.00170	.00072	.0006	.00007	.2717
%RSD	1.5581	.92662	22.106	20.346	35.785	5.736	.71348	24.229

#1	.13130	.60891	-.00366	.00646	-.00281	.0112	.01048	1.0737
#2	.13263	.62027	-.00315	.00893	-.00177	.0103	.01048	1.4140
#3	.12863	.61537	-.00232	.00974	-.00144	.0101	.01035	.87683

Sample Name: K1695-07DUP Acquired: 4/2/2019 20:15:38 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0055
Stddev	1.2123
%RSD	30.265

#1	4.8494
#2	4.5508
#3	2.6163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4546.0	49534.	6637.0	90.886	4398.5
Stddev	11.0	114.	40.4	.388	9.0
%RSD	.24206	.23049	.60893	.42715	.20421

#1	4554.0	49660.	6600.3	91.323	4401.1
#2	4533.5	49506.	6630.2	90.583	4388.5
#3	4550.6	49437.	6680.3	90.750	4405.9

Sample Name: CCV09 Acquired: 4/2/2019 20:20:11 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14799 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0062	5.0840	4.8700	5.1613	5.0213	10.204	10.160	.25041
Stddev	.0117	.0047	.0065	.0032	.0076	.082	.020	.00052
%RSD	.23453	.09217	.13398	.06254	.15051	.80395	.19918	.20965
#1	5.0151	5.0863	4.8675	5.1647	5.0200	10.193	10.154	.25099
#2	5.0106	5.0786	4.8651	5.1583	5.0295	10.291	10.183	.25026
#3	4.9929	5.0871	4.8774	5.1609	5.0145	10.128	10.144	.24997
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4711	25.655	1.0233	2.4296	1.2492	5.0931	2.5477	25.343
Stddev	.0023	.069	.0060	.0024	.0010	.0360	.0036	.108
%RSD	.09141	.26831	.58393	.09865	.08049	.70764	.13946	.42441
#1	2.4702	25.601	1.0302	2.4297	1.2484	5.1341	2.5499	25.326
#2	2.4694	25.630	1.0192	2.4271	1.2504	5.0661	2.5436	25.458
#3	2.4737	25.732	1.0205	2.4319	1.2490	5.0792	2.5497	25.245
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5127	1.2628	25.748	2.5851	2.3934	25.657	5.0885	5.3645
Stddev	.0047	.0068	.045	.0196	.0018	.061	.0067	.0510
%RSD	.18720	.53862	.17540	.75883	.07385	.23624	.13118	.95070
#1	2.5110	1.2706	25.781	2.6074	2.3927	25.589	5.0879	5.3889
#2	2.5091	1.2598	25.697	2.5706	2.3921	25.677	5.0954	5.3988
#3	2.5180	1.2580	25.767	2.5773	2.3954	25.706	5.0821	5.3059
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9395	5.3296	4.9486	5.2032	4.9902	5.113	5.1334	F 1.4935
Stddev	.0036	.0497	.0037	.0195	.0401	.007	.0438	.2593
%RSD	.07368	.93252	.07390	.37452	.80335	.1416	.85408	17.362
#1	4.9437	5.3528	4.9455	5.1925	4.9973	5.113	5.1437	1.7657
#2	4.9370	5.2726	4.9476	5.1915	4.9470	5.105	5.0853	1.2495
#3	4.9378	5.3635	4.9526	5.2257	5.0262	5.119	5.1712	1.4652

Sample Name: CCV09 Acquired: 4/2/2019 20:20:11 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14799 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6696
Stddev .1981
%RSD 7.4186

#1 2.4771
#2 2.6589
#3 2.8728

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4545.2	49484.	6486.3	88.541	4427.3
Stddev	4.7	227.	61.1	1.249	2.9
%RSD	.10422	.45795	.94220	1.4102	.06522

#1	4542.0	49229.	6446.7	89.848	4426.7
#2	4542.9	49663.	6556.7	87.360	4430.4
#3	4550.6	49560.	6455.6	88.415	4424.7

Sample Name: CCB09 Acquired: 4/2/2019 20:24:19 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14799 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00045	.00272	.00046	.00318	.00540	.00116	-.00003
Stddev	.00111	.00005	.00029	.00331	.00027	.00443	.00058	.00003
%RSD	83.830	11.930	10.514	712.15	8.4602	82.055	49.703	113.69
#1	-.00074	-.00043	.00268	.00428	.00309	.01048	.00173	.00001
#2	-.00063	-.00041	.00246	-.00131	.00296	.00236	.00117	-.00004
#3	-.00261	-.00051	.00302	-.00157	.00348	.00335	.00058	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00422	-.00055	-.00008	-.00128	.01615	.00133	.04072
Stddev	.00002	.00477	.00022	.00016	.00027	.00056	.00005	.02119
%RSD	18.205	113.09	39.744	202.15	20.922	3.4623	4.1334	52.035
#1	.00009	.00086	-.00031	-.00027	-.00151	.01579	.00139	.03996
#2	.00011	-.00860	-.00074	.00004	-.00135	.01679	.00130	.06227
#3	.00013	-.00492	-.00061	-.00002	-.00099	.01586	.00129	.01992
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	-.00004	.00153	-.00040	.00025	.08282	.00025	-.00985
Stddev	.00034	.00055	.00371	.00031	.00013	.02449	.00036	.01636
%RSD	23.907	1236.1	241.96	77.015	51.091	29.566	144.63	166.12
#1	.00180	.00051	.00129	-.00010	.00040	.09487	.00012	-.01157
#2	.00112	-.00006	.00536	-.00038	.00021	.09894	-.00003	.00731
#3	.00140	-.00058	-.00205	-.00071	.00015	.05464	.00066	-.02527
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	-.00288	-.00006	-.00029	.00246	.0033	.00017	F .12068
Stddev	.00173	.00214	.00085	.00138	.00097	.0007	.00005	.19701
%RSD	69.119	74.502	1386.5	469.91	39.242	22.45	29.287	163.26
#1	.00451	-.00331	.00092	.00005	.00356	.0033	.00016	.29636
#2	.00160	-.00055	-.00054	-.00182	.00207	.0025	.00013	.15799
#3	.00142	-.00477	-.00056	.00088	.00175	.0040	.00023	-.09232

Sample Name: CCB09 Acquired: 4/2/2019 20:24:19 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14799 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2075
Stddev .0402
%RSD 3.3301

#1 1.2536
#2 1.1797
#3 1.1892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4706.9	50904.	6475.0	91.511	4888.8
Stddev	6.7	192.	52.7	1.417	7.2
%RSD	.14289	.37663	.81325	1.5487	.14689

#1	4704.9	50686.	6414.9	90.117	4882.7
#2	4714.3	51045.	6497.5	91.467	4887.1
#3	4701.3	50980.	6512.7	92.950	4896.7

Sample Name: K1695-07LX5 Acquired: 4/2/2019 20:28:48 Type: Unk

Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8102 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	-.00113	.00331	.00194	.00201	.06076	.05201	.00004
Stddev	.00127	.00112	.00077	.00107	.00040	.01144	.00033	.00002
%RSD	50.569	98.991	23.218	55.333	19.841	18.831	.63333	37.760

#1	.00246	-.00185	.00257	.00289	.00178	.04757	.05199	.00005
#2	.00380	.00016	.00326	.00078	.00247	.06683	.05235	.00002
#3	.00126	-.00169	.00410	.00216	.00178	.06790	.05169	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	1.6672	-.00093	.00079	-.00136	2.5772	.18494	.21610
Stddev	.00006	.0094	.00027	.00009	.00015	.0123	.00024	.02689
%RSD	98.400	.56175	29.219	11.609	10.686	.47799	.13223	12.442

#1	-.00012	1.6573	-.00063	.00072	-.00124	2.5633	.18499	.18750
#2	-.00003	1.6685	-.00098	.00075	-.00132	2.5814	.18516	.24087
#3	-.00002	1.6759	-.00116	.00089	-.00152	2.5868	.18468	.21992

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00021	65.652	-.00007	.00747	.15138	.00018	.00609
Stddev	.00017	.00022	.277	.00018	.00008	.01406	.00009	.01327
%RSD	11.641	105.42	.42188	251.87	1.0467	9.2888	47.873	218.02

#1	.00152	.00001	65.347	-.00024	.00746	.14678	.00009	.00020
#2	.00163	-.00043	65.889	-.00009	.00739	.14020	.00019	.02128
#3	.00129	-.00021	65.720	.00012	.00755	.16716	.00027	-.00322

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02482	.12912	-.00246	.00213	-.00154	.0043	.00216	.70099
Stddev	.00076	.00117	.00056	.00095	.00076	.0010	.00004	.23684
%RSD	3.0502	.90746	22.752	44.599	49.274	22.51	2.0733	33.786

#1	.02470	.12864	-.00207	.00149	-.00077	.0037	.00217	.53522
#2	.02412	.13046	-.00310	.00322	-.00157	.0054	.00221	.97224
#3	.02562	.12827	-.00221	.00168	-.00229	.0038	.00212	.59551

Sample Name: K1695-07LX5 Acquired: 4/2/2019 20:28:48 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8102 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8354
Stddev	.1441
%RSD	7.8538

#1	1.8421
#2	1.9760
#3	1.6880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4630.3	50160.	6535.1	91.435	4663.0
Stddev	28.7	128.	6.1	1.559	34.4
%RSD	.61890	.25486	.09315	1.7054	.73716

#1	4639.1	50238.	6539.3	89.998	4677.6
#2	4653.5	50013.	6528.1	91.214	4687.7
#3	4598.2	50230.	6537.8	93.093	4623.8

Sample Name: K1695-07MS Acquired: 4/2/2019 20:33:16 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71640	1.7442	.86915	1.8909	.76667	2.1567	.44571	.17734	.17918
Stddev	.00170	.0099	.00220	.0050	.00089	.0300	.00193	.00040	.00103
%RSD	.23746	.56761	.25362	.26351	.11609	1.3897	.43359	.22294	.57293

#1	.71447	1.7331	.86665	1.8925	.76564	2.1223	.44541	.17697	.17971
#2	.71707	1.7474	.87082	1.8853	.76709	2.1711	.44777	.17775	.17984
#3	.71767	1.7522	.86998	1.8949	.76727	2.1768	.44394	.17730	.17800

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1644	.37697	.18508	.27826	15.119	1.0830	2.7925	.47102	.06449
Stddev	.0147	.00213	.00063	.00091	.092	.0029	.0723	.00155	.00063
%RSD	.15999	.56516	.34117	.32584	.60945	.26493	2.5903	.32950	.97017

#1	9.1812	.37468	.18493	.27745	15.043	1.0802	2.7102	.46965	.06441
#2	9.1542	.37890	.18454	.27809	15.221	1.0859	2.8215	.47069	.06516
#3	9.1578	.37732	.18577	.27924	15.093	1.0830	2.8458	.47271	.06391

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	324.56	.29255	.21589	10.181	.39595	.31094	.12385	1.5420	.65798
Stddev	4.91	.00149	.00037	.029	.00105	.01422	.00210	.0234	.00328
%RSD	1.5128	.50774	.17347	.28667	.26426	4.5732	1.6925	1.5157	.49791

#1	321.20	.29084	.21546	10.148	.39512	.32010	.12144	1.5565	.65441
#2	330.20	.29353	.21610	10.199	.39560	.31817	.12514	1.5546	.65869
#3	322.29	.29329	.21611	10.197	.39713	.29456	.12499	1.5151	.66084

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20836	.18583	5.410	.19428	1.5197	.77794
Stddev	.00202	.00198	.038	.00316	.3013	.29745
%RSD	.96963	1.0633	.7100	1.6253	19.826	38.236

#1	.20684	.18775	5.366	.19621	1.2971	.70542
#2	.21065	.18594	5.426	.19600	1.8626	.52345
#3	.20759	.18380	5.437	.19064	1.3995	1.1049

Sample Name: K1695-07MS Acquired: 4/2/2019 20:33:16 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO 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	4501.6	49046.	6490.2	90.823	4366.3
Stddev	17.5	243.	73.1	1.280	12.1
%RSD	.38835	.49641	1.1262	1.4092	.27760
#1	4481.7	49083.	6445.0	90.840	4352.5
#2	4514.3	48786.	6451.2	89.535	4375.1
#3	4508.8	49268.	6574.6	92.095	4371.3

Sample Name: K1695-07MSD Acquired: 4/2/2019 20:37:31 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70481	1.7137	.85240	1.8596	.76366	2.1154	.43964	.17449	.17624
Stddev	.00464	.0066	.00134	.0069	.00088	.0162	.00225	.00053	.00104
%RSD	.65888	.38494	.15706	.37389	.11587	.76600	.51146	.30195	.59214

#1	.71005	1.7167	.85188	1.8645	.76445	2.1261	.43740	.17395	.17661
#2	.70321	1.7062	.85140	1.8517	.76270	2.0968	.44190	.17500	.17705
#3	.70118	1.7183	.85392	1.8628	.76382	2.1235	.43961	.17451	.17507

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1425	.37079	.18148	.27260	15.066	1.0803	2.7706	.46153	.06294
Stddev	.0655	.00143	.00075	.00111	.073	.0015	.0243	.00064	.00103
%RSD	.71666	.38454	.41480	.40834	.48437	.13806	.87686	.13916	1.6330

#1	9.0931	.36953	.18083	.27385	15.045	1.0786	2.7976	.46200	.06326
#2	9.1176	.37234	.18131	.27222	15.147	1.0813	2.7636	.46178	.06377
#3	9.2168	.37051	.18230	.27173	15.006	1.0810	2.7506	.46080	.06179

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	322.16	.29056	.21213	10.006	.39378	.30073	.12297	1.5467	.65627
Stddev	2.34	.00330	.00016	.091	.00071	.00825	.00052	.0053	.00070
%RSD	.72729	1.1354	.07543	.90720	.17916	2.7429	.42286	.34472	.10672

#1	320.76	.29434	.21195	10.031	.39423	.30063	.12330	1.5524	.65643
#2	320.87	.28906	.21225	9.9056	.39414	.30903	.12237	1.5459	.65687
#3	324.87	.28827	.21220	10.082	.39297	.29253	.12324	1.5418	.65550

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20803	.18233	5.330	.19230	1.0355	1.2371
Stddev	.00079	.00179	.020	.00048	.3068	.4769
%RSD	.38169	.98236	.3691	.24960	29.626	38.552

#1	.20717	.18428	5.342	.19256	.90421	.70401
#2	.20818	.18076	5.308	.19175	1.3861	1.3838
#3	.20873	.18195	5.342	.19260	.81622	1.6233

Sample Name: K1695-07MSD Acquired: 4/2/2019 20:37:31 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO 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	4529.7	49442.	6562.0	91.494	4390.9
Stddev	12.0	191.	34.7	.173	6.2
%RSD	.26556	.38588	.52844	.18893	.14156
#1	4515.9	49540.	6563.2	91.622	4383.9
#2	4538.2	49222.	6526.7	91.298	4395.9
#3	4535.0	49565.	6596.0	91.564	4393.0

Sample Name: K1695-07A Acquired: 4/2/2019 20:41:46 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8102 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69969	1.7079	.84616	1.8635	.76113	2.1360	.44484	.17436	.17602
Stddev	.00500	.0031	.00220	.0055	.00098	.0045	.00323	.00058	.00024
%RSD	.71485	.18409	.26012	.29547	.12895	.21131	.72520	.33167	.13740

#1	.70018	1.7074	.84664	1.8698	.76117	2.1308	.44217	.17369	.17618
#2	.70442	1.7113	.84809	1.8600	.76210	2.1388	.44843	.17465	.17614
#3	.69446	1.7051	.84376	1.8605	.76014	2.1384	.44394	.17473	.17574

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1328	.37361	.18067	.27116	15.249	1.0840	2.7415	.45972	.06334
Stddev	.0072	.00113	.00057	.00131	.069	.0034	.0178	.00071	.00059
%RSD	.07910	.30310	.31669	.48237	.45093	.31209	.64780	.15482	.92665

#1	9.1247	.37283	.18133	.26976	15.216	1.0803	2.7353	.45986	.06317
#2	9.1352	.37491	.18032	.27235	15.328	1.0869	2.7615	.46035	.06399
#3	9.1385	.37309	.18036	.27138	15.202	1.0848	2.7276	.45895	.06285

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	322.99	.29040	.21096	10.053	.39298	.30382	.11934	1.5386	.65590
Stddev	3.21	.00117	.00045	.066	.00017	.01275	.00179	.0129	.00342
%RSD	.99389	.40312	.21167	.66075	.04335	4.1981	1.4991	.83890	.52081

#1	323.86	.29041	.21116	10.007	.39284	.30277	.11874	1.5530	.65481
#2	325.67	.29157	.21128	10.024	.39294	.31706	.12135	1.5345	.65973
#3	319.43	.28923	.21045	10.129	.39317	.29162	.11792	1.5281	.65316

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20771	.18240	5.319	.19150	1.8363	1.2116
Stddev	.00182	.00146	.018	.00065	.3435	.4931
%RSD	.87813	.80297	.3419	.33765	18.706	40.700

#1	.20575	.18250	5.323	.19213	1.6441	.93323
#2	.20802	.18089	5.334	.19084	2.2328	.92062
#3	.20936	.18381	5.299	.19155	1.6319	1.7810

Sample Name: K1695-07A Acquired: 4/2/2019 20:41:46 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8102 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	4532.8	49044.	6536.0	91.971	4393.7
Stddev	8.7	205.	37.6	.963	12.7
%RSD	.19245	.41780	.57498	1.0467	.28845
#1	4525.4	49122.	6512.3	90.874	4384.0
#2	4530.6	48811.	6516.4	92.671	4389.1
#3	4542.4	49198.	6579.4	92.370	4408.1

Sample Name: K1695-11 Acquired: 4/2/2019 20:46:02 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	-.00135	.00246	.01602	.00219	.24156	.26607	-.00005
Stddev	.00147	.00103	.00149	.00192	.00129	.00825	.00167	.00005
%RSD	25.838	75.771	60.306	11.962	58.970	3.4167	.62692	101.91

#1	.00589	-.00063	.00293	.01817	.00133	.23611	.26589	.00001
#2	.00702	-.00253	.00366	.01540	.00368	.25105	.26782	-.00007
#3	.00411	-.00090	.00080	.01450	.00157	.23751	.26450	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	10.268	-.00373	.00536	.00280	28.473	1.4667	1.2097
Stddev	.00009	.019	.00048	.00012	.00007	.067	.0053	.0342
%RSD	7.5777	.18273	12.742	2.1864	2.5918	.23490	.35920	2.8263

#1	-.00126	10.261	-.00319	.00527	.00288	28.405	1.4617	1.1799
#2	-.00122	10.289	-.00395	.00532	.00277	28.539	1.4722	1.2022
#3	-.00109	10.254	-.00406	.00549	.00274	28.473	1.4663	1.2470

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00374	-.00248	381.94	.00447	.01707	.53626	-.00021	.01723
Stddev	.00030	.00027	2.97	.00050	.00010	.05490	.00004	.00585
%RSD	8.0610	11.048	.77878	11.126	.59590	10.238	17.942	33.935

#1	.00352	-.00279	382.13	.00438	.01699	.48761	-.00020	.02106
#2	.00362	-.00238	384.81	.00501	.01718	.59579	-.00026	.02012
#3	.00408	-.00226	378.87	.00402	.01703	.52539	-.00019	.01050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09544	.94880	-.00161	.00422	.00093	.0135	.00027	1.3056
Stddev	.00229	.00482	.00043	.00096	.00105	.0008	.00002	.1411
%RSD	2.3995	.50782	27.031	22.825	113.61	5.969	8.5412	10.809

#1	.09602	.95091	-.00127	.00333	-.00016	.0131	.00025	1.2341
#2	.09739	.94328	-.00210	.00407	.00194	.0145	.00025	1.4682
#3	.09292	.95220	-.00146	.00524	.00099	.0131	.00029	1.2146

Sample Name: K1695-11 Acquired: 4/2/2019 20:46:02 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91723-SO Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.9508
Stddev	.3848
%RSD	7.7717

#1	4.7051
#2	4.7531
#3	5.3943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4539.0	49130.	6589.1	89.294	4381.3
Stddev	9.5	166.	45.8	.900	13.4
%RSD	.20863	.33866	.69560	1.0083	.30647

#1	4529.3	49155.	6536.2	89.049	4365.9
#2	4548.3	48953.	6616.0	90.292	4387.9
#3	4539.3	49283.	6615.2	88.542	4390.2

Sample Name: K2185-03 Acquired: 4/2/2019 20:50:35 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-4-OW(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00300	.16180	.00271	.01549	.01698	.49780	-.00002
Stddev	.00066	.00041	.00121	.00295	.00083	.00824	.00402	.00008
%RSD	165.84	13.584	.74534	108.75	5.3378	48.488	.80813	370.93

#1	-.00022	-.00278	.16167	.00611	.01555	.00860	.49518	-.00004
#2	-.00113	-.00275	.16307	.00108	.01628	.02506	.49579	.00007
#3	.00015	-.00347	.16067	.00094	.01463	.01729	.50243	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	43.867	.00054	.00109	.24917	.00748	.16018	2.4942
Stddev	.00001	.102	.00019	.00018	.00143	.00024	.00068	.1045
%RSD	.47193	.23140	35.265	16.749	.57287	3.1926	.42326	4.1889

#1	.00299	43.810	.00055	.00130	.25050	.00759	.15940	2.4308
#2	.00301	43.984	.00073	.00097	.24935	.00764	.16046	2.4371
#3	.00301	43.806	.00035	.00100	.24767	.00720	.16067	2.6148

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00841	-.00009	319.97	-.00063	1.1370	.80466	-.00000	.03732
Stddev	.00030	.00041	5.71	.00026	.0034	.02389	.00030	.00480
%RSD	3.5566	446.79	1.7833	41.386	.29840	2.9690	170130.	12.860

#1	.00807	-.00037	315.21	-.00071	1.1383	.82914	.00019	.03693
#2	.00849	-.00029	318.40	-.00084	1.1396	.78140	.00016	.04231
#3	.00865	.00038	326.29	-.00034	1.1331	.80344	-.00035	.03273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39416	1.0532	-.00161	.00072	.00575	.0379	.19162	1.4174
Stddev	.00488	.0037	.00055	.00163	.00057	.0006	.00051	.3019
%RSD	1.2371	.35552	34.114	227.00	9.9325	1.499	.26668	21.296

#1	.38857	1.0537	-.00158	.00107	.00634	.0383	.19170	1.2978
#2	.39633	1.0567	-.00108	-.00106	.00570	.0381	.19208	1.1937
#3	.39756	1.0493	-.00217	.00214	.00520	.0372	.19107	1.7607

Sample Name: K2185-03 Acquired: 4/2/2019 20:50:35 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-4-OW(0-10) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.0043
Stddev	.5572
%RSD	13.915

#1	3.4631
#2	4.5762
#3	3.9737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4462.2	48551.	6467.8	90.268	4335.8
Stddev	26.7	259.	59.7	1.572	24.2
%RSD	.59848	.53326	.92315	1.7411	.55834

#1	4431.9	48571.	6420.3	91.881	4309.2
#2	4472.8	48799.	6448.3	88.741	4341.9
#3	4482.1	48283.	6534.8	90.183	4356.4

Sample Name: K2190-03 Acquired: 4/2/2019 20:55:07 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-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	.00002	-.00337	.06013	-.00041	.00119	.00206	.24672	-.00001
Stddev	.00115	.00069	.00023	.00216	.00087	.01050	.00161	.00006
%RSD	4883.7	20.511	.38853	526.41	73.104	510.51	.65101	640.65

#1	-.00129	-.00262	.05994	-.00181	.00131	.00134	.24522	-.00002
#2	.00083	-.00398	.06005	-.00149	.00027	.01289	.24652	-.00006
#3	.00054	-.00351	.06039	.00207	.00199	-.00807	.24841	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	55.896	.00075	.00441	.00824	.01892	.23605	20.768
Stddev	.00002	.502	.00045	.00020	.00014	.00073	.00109	.224
%RSD	7.0232	.89776	59.443	4.5068	1.7161	3.8701	.45993	1.0791

#1	.00020	56.143	.00053	.00433	.00809	.01869	.23600	20.510
#2	.00023	56.226	.00126	.00426	.00823	.01832	.23716	20.875
#3	.00023	55.318	.00045	.00463	.00838	.01973	.23499	20.918

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00506	-.00155	327.14	-.00065	.08023	.76126	.00009	.00255
Stddev	.00023	.00013	4.07	.00047	.00019	.01937	.00012	.00353
%RSD	4.4945	8.1246	1.2454	72.435	.23423	2.5447	123.85	138.24

#1	.00492	-.00155	326.28	-.00069	.08015	.74109	.00011	-.00066
#2	.00533	-.00142	331.58	-.00109	.08010	.76296	.00020	.00633
#3	.00495	-.00167	323.57	-.00016	.08045	.77972	-.00003	.00199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35353	.34513	-.00199	-.00001	.00537	.0066	.08898	1.3769
Stddev	.00304	.00359	.00055	.00056	.00062	.0004	.00011	.4619
%RSD	.85923	1.0394	27.351	6778.5	11.607	6.438	.12913	33.549

#1	.35014	.34751	-.00149	-.00039	.00606	.0071	.08898	1.3831
#2	.35601	.34687	-.00257	.00064	.00485	.0063	.08910	1.8358
#3	.35444	.34100	-.00192	-.00027	.00519	.0066	.08887	.91193

Sample Name: K2190-03 Acquired: 4/2/2019 20:55:07 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VN-SP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8173
 Stddev .6820
 %RSD 17.867

#1 3.9699
 #2 3.0719
 #3 4.4101

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4484.1	48687.	6534.5	90.353	4342.9
Stddev	8.4	278.	88.3	1.214	12.0
%RSD	.18774	.57007	1.3520	1.3437	.27689

#1	4474.4	48578.	6471.8	89.503	4329.1
#2	4488.7	48481.	6496.2	91.743	4348.9
#3	4489.2	49003.	6635.6	89.811	4350.7

Sample Name: K2190-06 Acquired: 4/2/2019 20:59:41 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VN-SP-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	.00021	-.00300	.11166	.00303	.00173	.04106	.22865	-.00004
Stddev	.00128	.00021	.00118	.00084	.00120	.01090	.00130	.00005
%RSD	615.24	6.8882	1.0528	27.651	69.365	26.553	.56750	119.08

#1	-.00102	-.00315	.11290	.00367	.00035	.03570	.22721	-.00006
#2	.00154	-.00276	.11153	.00335	.00227	.05361	.22972	.00002
#3	.00010	-.00308	.11056	.00208	.00256	.03388	.22903	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	20.125	.00049	.00145	.00452	.01417	.07395	7.2493
Stddev	.00002	.072	.00047	.00014	.00028	.00079	.00055	.0895
%RSD	28.358	.35625	96.673	9.7151	6.1257	5.5495	.74942	1.2339

#1	.00009	20.109	.00033	.00134	.00478	.01439	.07354	7.1479
#2	.00005	20.062	.00102	.00161	.00456	.01483	.07373	7.3171
#3	.00006	20.203	.00012	.00140	.00423	.01330	.07458	7.2829

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00325	-.00086	305.70	-.00047	.04473	.68630	.00030	-.01700
Stddev	.00013	.00024	1.06	.00044	.00026	.03759	.00027	.00348
%RSD	3.9818	27.504	.34623	93.709	.57537	5.4769	89.575	20.472

#1	.00339	-.00068	304.74	-.00074	.04496	.71745	.00003	-.01567
#2	.00324	-.00077	305.52	-.00072	.04478	.64455	.00030	-.02095
#3	.00313	-.00113	306.84	.00004	.04445	.69690	.00056	-.01438

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30616	.25773	-.00230	.00117	.00209	.0128	.05368	1.6978
Stddev	.00305	.00360	.00099	.00142	.00026	.0008	.00026	.2224
%RSD	.99707	1.3971	43.054	122.09	12.513	6.322	.47949	13.097

#1	.30969	.25732	-.00202	-.00013	.00191	.0120	.05351	1.8104
#2	.30441	.25434	-.00148	.00094	.00239	.0127	.05398	1.8414
#3	.30439	.26151	-.00340	.00269	.00196	.0136	.05355	1.4417

Sample Name: K2190-06 Acquired: 4/2/2019 20:59:41 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VN-SP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1890
 Stddev .6215
 %RSD 19.490

#1 2.5182
 #2 3.3036
 #3 3.7453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4488.3	48253.	6376.5	89.064	4361.2
Stddev	34.7	91.	39.5	.733	28.8
%RSD	.77386	.18776	.61897	.82265	.66010

#1	4449.6	48220.	6330.9	89.875	4328.9
#2	4498.6	48185.	6397.9	88.867	4370.4
#3	4516.7	48356.	6400.6	88.450	4384.1

Sample Name: K2196-02 Acquired: 4/2/2019 21:04:16 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-040119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00322	.00938	-.00003	.00152	.09511	.11972	.00001
Stddev	.00242	.00043	.00083	.00159	.00125	.00665	.00018	.00009
%RSD	25333.	13.452	8.8281	5152.0	82.234	6.9899	.15313	826.68

#1	-.00279	-.00304	.00930	.00089	.00253	.10209	.11970	-.00000
#2	.00130	-.00291	.01025	-.00186	.00191	.08886	.11955	-.00007
#3	.00152	-.00372	.00860	.00088	.00012	.09436	.11992	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	10.749	-.00100	.00937	.00398	.11765	1.6729	1.5198
Stddev	.00002	.021	.00045	.00028	.00022	.00126	.0031	.0240
%RSD	3.1895	.19371	44.934	2.9568	5.4580	1.0722	.18341	1.5779

#1	.00055	10.729	-.00052	.00967	.00378	.11622	1.6707	1.5006
#2	.00054	10.746	-.00107	.00913	.00396	.11859	1.6764	1.5121
#3	.00051	10.771	-.00142	.00929	.00421	.11815	1.6715	1.5467

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00540	-.00063	335.76	-.00269	.02146	.66172	-.00002	.01518
Stddev	.00016	.00072	3.69	.00035	.00007	.03868	.00029	.00367
%RSD	3.0394	114.23	1.0986	13.142	.32248	5.8455	1173.0	24.204

#1	.00526	.00018	331.52	-.00267	.02149	.61706	-.00026	.01671
#2	.00558	-.00087	337.55	-.00235	.02152	.68367	-.00012	.01785
#3	.00534	-.00121	338.21	-.00305	.02138	.68444	.00030	.01099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16557	.34389	-.00277	.00144	-.00014	.0050	.03233	1.4242
Stddev	.00172	.00214	.00060	.00076	.00083	.0009	.00009	.2077
%RSD	1.0409	.62084	21.598	53.055	602.33	18.75	.28949	14.587

#1	.16533	.34198	-.00336	.00073	.00080	.0056	.03229	1.6624
#2	.16740	.34349	-.00277	.00225	-.00044	.0040	.03225	1.2808
#3	.16398	.34620	-.00217	.00134	-.00078	.0056	.03243	1.3293

Sample Name: K2196-02 Acquired: 4/2/2019 21:04:16 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-040119 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3678
 Stddev .4887
 %RSD 14.511

#1 3.2956
 #2 2.9192
 #3 3.8886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4506.1	48786.	6500.8	90.719	4369.1
Stddev	12.6	88.	25.8	2.011	4.9
%RSD	.27986	.18132	.39746	2.2167	.11131

#1	4495.7	48689.	6492.3	89.067	4368.2
#2	4502.4	48863.	6480.2	90.133	4364.7
#3	4520.1	48806.	6529.8	92.958	4374.3

Sample Name: K2213-02 Acquired: 4/2/2019 21:08:52 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00296	.00272	-.00021	.00205	.07165	.08825	-.00003
Stddev	.00197	.00127	.00101	.00086	.00087	.00593	.00086	.00012
%RSD	406.08	42.906	37.239	403.32	42.624	8.2818	.97771	456.18

#1	.00233	-.00435	.00200	.00037	.00296	.06481	.08882	-.00017
#2	-.00159	-.00266	.00388	.00019	.00197	.07476	.08726	.00004
#3	.00071	-.00186	.00229	-.00121	.00122	.07539	.08868	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	5.5702	.00280	.00511	.00677	.11055	.54421	.98687
Stddev	.00003	.0160	.00006	.00004	.00005	.00067	.00046	.01847
%RSD	9.2592	.28744	2.1733	.77293	.74080	.60838	.08421	1.8716

#1	.00035	5.5549	.00284	.00508	.00675	.11088	.54460	1.0082
#2	.00037	5.5690	.00273	.00516	.00674	.11099	.54371	.97600
#3	.00031	5.5868	.00283	.00511	.00683	.10978	.54432	.97642

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00542	-.00031	279.46	-.00141	.02250	.91769	.00019	-.00515
Stddev	.00033	.00055	3.06	.00024	.00016	.05795	.00014	.00734
%RSD	6.0130	179.46	1.0943	16.687	.71222	6.3150	75.797	142.52

#1	.00577	.00028	277.67	-.00155	.02268	.90055	.00002	-.01319
#2	.00513	-.00082	282.99	-.00155	.02237	.87024	.00026	-.00343
#3	.00536	-.00038	277.72	-.00114	.02244	.98228	.00029	.00118

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04611	.28774	-.00294	.00246	.00069	.0045	.02108	.54684
Stddev	.00276	.00401	.00012	.00042	.00141	.0009	.00006	.21080
%RSD	5.9884	1.3927	4.0353	17.062	205.00	20.12	.29710	38.549

#1	.04914	.28938	-.00291	.00215	.00228	.0036	.02111	.68452
#2	.04544	.29067	-.00307	.00294	-.00038	.0054	.02112	.65184
#3	.04374	.28317	-.00284	.00230	.00016	.0046	.02101	.30416

Sample Name: K2213-02 Acquired: 4/2/2019 21:08:52 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.4305
Stddev	.2477
%RSD	7.2218

#1	3.3745
#2	3.2155
#3	3.7014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4572.7	49853.	6574.5	91.925	4473.6
Stddev	12.3	187.	37.0	.873	9.9
%RSD	.26969	.37448	.56257	.94944	.22144

#1	4559.5	49654.	6582.5	92.925	4462.3
#2	4574.5	49880.	6534.1	91.533	4480.5
#3	4584.0	50024.	6606.7	91.317	4478.1

Sample Name: CCV10 Acquired: 4/2/2019 21:13:28 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14800 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9920	5.0596	4.8203	5.1339	5.0043	10.111	10.009	.24918
Stddev	.0193	.0187	.0068	.0042	.0170	.057	.065	.00040
%RSD	.38767	.36934	.14188	.08182	.33958	.56252	.64944	.16058
#1	5.0137	5.0484	4.8223	5.1383	5.0175	10.108	9.9399	.24955
#2	4.9766	5.0812	4.8259	5.1299	5.0102	10.055	10.069	.24925
#3	4.9856	5.0493	4.8127	5.1337	4.9851	10.169	10.017	.24876
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4532	25.917	1.0255	2.4072	1.2459	5.1314	2.5425	25.087
Stddev	.0056	.052	.0029	.0058	.0035	.0196	.0032	.163
%RSD	.22932	.20200	.28013	.24013	.28225	.38252	.12732	.64922
#1	2.4558	25.858	1.0284	2.4080	1.2486	5.1541	2.5460	25.047
#2	2.4571	25.935	1.0255	2.4126	1.2472	5.1210	2.5396	24.948
#3	2.4468	25.957	1.0227	2.4011	1.2419	5.1192	2.5420	25.267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5129	1.2644	25.589	2.6042	2.3605	25.584	5.0807	5.3710
Stddev	.0086	.0043	.145	.0120	.0065	.111	.0118	.0170
%RSD	.34257	.33913	.56845	.46191	.27694	.43476	.23122	.31725
#1	2.5163	1.2691	25.642	2.6165	2.3615	25.688	5.0933	5.3575
#2	2.5192	1.2609	25.701	2.6038	2.3665	25.598	5.0788	5.3655
#3	2.5031	1.2631	25.425	2.5924	2.3536	25.467	5.0700	5.3902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8852	5.3734	4.9135	5.2263	5.0711	5.089	5.1857	F 1.2617
Stddev	.0113	.0131	.0108	.0216	.0172	.010	.0206	.2408
%RSD	.23070	.24278	.21995	.41338	.33937	.1885	.39641	19.086
#1	4.8725	5.3586	4.9176	5.2032	5.0782	5.082	5.1909	1.4416
#2	4.8940	5.3831	4.9216	5.2296	5.0836	5.100	5.2032	1.3554
#3	4.8890	5.3785	4.9012	5.2460	5.0515	5.085	5.1631	.98814

Sample Name: CCV10 Acquired: 4/2/2019 21:13:28 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14800 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1195
Stddev .1129
%RSD 3.6200

#1 3.1821
#2 3.1872
#3 2.9891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4595.4	49857.	6433.1	89.533	4493.6
Stddev	10.4	127.	8.1	1.074	13.6
%RSD	.22646	.25555	.12543	1.1997	.30248

#1	4586.0	49720.	6437.2	90.732	4492.7
#2	4593.7	49879.	6423.9	88.658	4480.5
#3	4606.6	49972.	6438.4	89.208	4507.6

Sample Name: CCB10 Acquired: 4/2/2019 21:17:36 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14800 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00043	F .00316	.00041	.00246	.01363	.00124	-.00002
Stddev	.00128	.00058	.00037	.00292	.00085	.00096	.00048	.00003
%RSD	376.10	137.19	11.828	707.39	34.345	7.0421	38.979	152.36

#1	.00135	-.00095	.00359	.00342	.00238	.01274	.00088	.00002
#2	.00078	-.00053	.00297	-.00240	.00335	.01465	.00179	-.00004
#3	-.00110	.00020	.00292	.00021	.00166	.01351	.00106	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.01357	-.00077	-.00008	-.00158	.01528	.00126	.02896
Stddev	.00003	.00622	.00031	.00007	.00012	.00060	.00001	.02389
%RSD	30.824	45.863	40.448	88.977	7.9059	3.9184	.80030	82.499

#1	.00007	-.00721	-.00104	-.00015	-.00172	.01512	.00127	.03794
#2	.00013	-.01964	-.00043	-.00000	-.00153	.01478	.00125	.00188
#3	.00010	-.01386	-.00085	-.00010	-.00148	.01595	.00127	.04707

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	-.00055	.02013	-.00054	.00025	.04769	.00026	.00000
Stddev	.00020	.00030	.00212	.00018	.00015	.02067	.00018	.00777
%RSD	13.503	54.903	10.544	32.961	62.426	43.339	69.061	483620.

#1	.00162	-.00075	.01904	-.00074	.00036	.02743	.00042	.00502
#2	.00150	-.00020	.02258	-.00039	.00031	.06875	.00031	.00393
#3	.00124	-.00069	.01878	-.00050	.00007	.04689	.00006	-.00895

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	-.00431	.00031	.00186	.00104	.0048	.00007	F .13335
Stddev	.00144	.00243	.00088	.00035	.00096	.0006	.00013	.17545
%RSD	67.590	56.323	287.88	18.989	92.168	12.92	182.89	131.57

#1	.00162	-.00174	.00100	.00147	.00211	.0050	.00015	-.02226
#2	.00376	-.00464	.00060	.00196	.00074	.0041	.00014	.09882
#3	.00101	-.00656	-.00068	.00216	.00027	.0053	-.00008	.32349

Sample Name: CCB10 Acquired: 4/2/2019 21:17:36 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14800 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .95397
Stddev	.40438
%RSD	42.389

#1	1.0092
#2	.52481
#3	1.3279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4696.7	50649.	6354.0	92.047	4885.8
Stddev	13.5	31.	54.5	1.867	10.7
%RSD	.28844	.06088	.85793	2.0285	.21899

#1	4687.6	50671.	6297.5	90.583	4883.5
#2	4712.3	50663.	6406.3	94.150	4897.5
#3	4690.3	50614.	6358.1	91.408	4876.5

Sample Name: K2213-04 Acquired: 4/2/2019 21:22:05 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9A(12)-S9B(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00218	.00393	.00367	.00142	.05658	.09547	-.00006
Stddev	.00016	.00091	.00103	.00299	.00149	.00822	.00078	.00005
%RSD	12.244	41.838	26.301	81.425	104.77	14.520	.81879	80.470

#1	-.00144	-.00149	.00382	.00086	.00268	.06274	.09493	-.00007
#2	-.00127	-.00322	.00501	.00681	.00182	.04725	.09510	-.00001
#3	-.00113	-.00183	.00295	.00334	-.00023	.05974	.09636	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	4.3881	.00195	.00416	.00812	.05754	.41140	.94280
Stddev	.00005	.0186	.00032	.00004	.00049	.00061	.00155	.03147
%RSD	18.048	.42390	16.306	.85411	6.0006	1.0557	.37651	3.3376

#1	.00026	4.4001	.00167	.00419	.00773	.05692	.41060	.92863
#2	.00023	4.3667	.00230	.00412	.00867	.05758	.41319	.92091
#3	.00032	4.3976	.00188	.00418	.00796	.05813	.41042	.97886

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	-.00036	336.91	-.00088	.01917	1.1698	.00033	-.00436
Stddev	.00002	.00040	2.61	.00033	.00021	.0615	.00020	.00412
%RSD	.36200	109.72	.77426	37.149	1.0760	5.2545	61.577	94.348

#1	.00555	-.00010	333.93	-.00065	.01905	1.1017	.00045	-.00468
#2	.00552	-.00082	338.05	-.00125	.01905	1.1866	.00010	-.00010
#3	.00551	-.00017	338.76	-.00074	.01941	1.2211	.00045	-.00832

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05497	.29022	-.00229	.00040	.00059	.0048	.02323	1.3625
Stddev	.00505	.00053	.00061	.00083	.00241	.0008	.00003	.0919
%RSD	9.1920	.18430	26.785	205.74	406.32	15.71	.12466	6.7478

#1	.05713	.29082	-.00183	-.00045	.00167	.0046	.02326	1.3415
#2	.04920	.29006	-.00206	.00121	-.00217	.0056	.02324	1.2829
#3	.05859	.28979	-.00299	.00045	.00229	.0042	.02320	1.4632

Sample Name: K2213-04 Acquired: 4/2/2019 21:22:05 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S9A(12)-S9B(Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.4987
Stddev	.3758
%RSD	10.741

#1	3.5912
#2	3.8196
#3	3.0853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4549.1	49174.	6550.7	91.808	4431.6
Stddev	15.7	82.	27.7	1.837	8.7
%RSD	.34592	.16707	.42213	2.0014	.19630

#1	4533.9	49269.	6525.9	90.333	4422.8
#2	4548.1	49128.	6545.8	91.225	4431.9
#3	4565.3	49126.	6580.5	93.867	4440.1

Sample Name: K2213-06 Acquired: 4/2/2019 21:26:42 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S9C(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	-.00274	.00416	.00157	.00230	.07040	.11011	-.00004
Stddev	.00231	.00092	.00049	.00218	.00110	.00879	.00027	.00002
%RSD	132.79	33.415	11.793	138.67	47.641	12.486	.24256	57.578

#1	-.00308	-.00201	.00430	.00133	.00139	.06273	.11040	-.00006
#2	-.00307	-.00377	.00361	.00386	.00352	.07999	.10987	-.00003
#3	.00093	-.00245	.00456	-.00048	.00200	.06849	.11005	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	3.3699	.00080	.00180	.01194	.04352	.21786	.76480
Stddev	.00010	.0048	.00030	.00007	.00033	.00071	.00055	.02053
%RSD	38.291	.14244	37.530	3.7886	2.7500	1.6395	.25050	2.6846

#1	.00037	3.3707	.00046	.00174	.01222	.04366	.21823	.74142
#2	.00020	3.3648	.00091	.00179	.01158	.04414	.21812	.77992
#3	.00020	3.3743	.00102	.00188	.01204	.04274	.21723	.77304

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00434	-.00084	321.03	-.00064	.02271	.75595	.00007	.00829
Stddev	.00008	.00045	.84	.00035	.00033	.06238	.00029	.00303
%RSD	1.7737	53.813	.26240	53.772	1.4678	8.2513	393.25	36.626

#1	.00443	-.00136	320.29	-.00091	.02307	.70197	-.00026	.00953
#2	.00431	-.00057	320.86	-.00025	.02267	.74165	.00018	.01050
#3	.00429	-.00059	321.94	-.00076	.02240	.82424	.00030	.00483

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06294	.27549	-.00273	.00177	.00195	.0058	.02102	1.2165
Stddev	.00329	.00452	.00085	.00132	.00055	.0008	.00003	.3419
%RSD	5.2298	1.6414	31.257	74.431	27.986	12.89	.12837	28.109

#1	.06415	.27238	-.00364	.00079	.00174	.0061	.02105	1.6096
#2	.06546	.28067	-.00261	.00124	.00154	.0064	.02103	1.0524
#3	.05922	.27340	-.00195	.00326	.00257	.0050	.02099	.98755

Sample Name: K2213-06 Acquired: 4/2/2019 21:26:42 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S9C(2-10)COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5851
Stddev	.3720
%RSD	10.375

#1	3.7245
#2	3.1636
#3	3.8672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4527.8	48896.	6437.9	90.886	4415.4
Stddev	13.6	261.	52.0	.910	8.2
%RSD	.30126	.53472	.80705	1.0008	.18620

#1	4524.9	48677.	6401.5	90.142	4406.7
#2	4542.7	48825.	6414.8	90.617	4423.0
#3	4515.9	49186.	6497.4	91.900	4416.5

Sample Name: K2213-08 Acquired: 4/2/2019 21:31:20 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S10A(2-10)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00334	.00415	.00346	.00123	.10029	.12118	-.00000
Stddev	.00196	.00095	.00054	.00296	.00135	.00495	.00150	.00005
%RSD	1275.7	28.396	13.007	85.571	109.56	4.9309	1.2361	2763.0

#1	-.00176	-.00228	.00382	.00038	-.00004	.09585	.11965	-.00003
#2	-.00073	-.00411	.00477	.00630	.00265	.09941	.12264	.00006
#3	.00203	-.00362	.00385	.00371	.00109	.10562	.12126	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	4.1021	.00198	.00518	.00705	.05199	.53450	.68152
Stddev	.00001	.0396	.00015	.00025	.00028	.00002	.00117	.02606
%RSD	4.1486	.96667	7.7542	4.8399	3.9164	.03532	.21880	3.8240

#1	.00027	4.0565	.00185	.00546	.00721	.05198	.53353	.71135
#2	.00027	4.1219	.00195	.00499	.00720	.05199	.53417	.66316
#3	.00029	4.1281	.00215	.00508	.00673	.05201	.53580	.67006

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00923	-.00071	325.56	-.00128	.07862	.75431	.00007	.01070
Stddev	.00043	.00003	2.36	.00024	.00023	.02876	.00019	.01340
%RSD	4.6429	4.9140	.72583	18.805	.29206	3.8122	257.18	125.23

#1	.00936	-.00075	322.91	-.00134	.07868	.73395	.00002	.00727
#2	.00959	-.00068	327.46	-.00102	.07882	.78720	.00028	-.00065
#3	.00876	-.00069	326.31	-.00149	.07837	.74176	-.00008	.02548

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12313	.32790	-.00276	.00222	.00215	.0078	.03358	1.3351
Stddev	.00232	.00614	.00053	.00129	.00195	.0003	.00020	.3265
%RSD	1.8876	1.8726	19.140	57.985	90.576	4.349	.59087	24.455

#1	.12065	.33338	-.00327	.00173	.00430	.0074	.03340	1.0555
#2	.12347	.32126	-.00280	.00124	.00052	.0081	.03379	1.6939
#3	.12526	.32905	-.00221	.00368	.00163	.0079	.03356	1.2559

Sample Name: K2213-08 Acquired: 4/2/2019 21:31:20 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S10A(2-10)CO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0827
Stddev	.2368
%RSD	7.6819

#1	3.2275
#2	3.2111
#3	2.8094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4503.9	48847.	6436.8	89.967	4384.1
Stddev	16.8	164.	44.8	2.403	14.7
%RSD	.37308	.33670	.69590	2.6713	.33474

#1	4488.9	48898.	6386.9	91.367	4372.0
#2	4500.8	48663.	6473.7	91.342	4379.8
#3	4522.1	48980.	6449.7	87.192	4400.4

Sample Name: K2177-02 Acquired: 4/2/2019 21:35:55 Type: Unk
Method: P4-ICP2(v3012) 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	.00100	-.00104	.00307	.00098	-.00083	.00510	.01592	.00010
Stddev	.00103	.00053	.00060	.00090	.00020	.01168	.00020	.00004
%RSD	103.35	50.783	19.458	92.295	24.652	229.14	1.2722	38.001
#1	.00041	-.00051	.00287	-.00000	-.00081	.01791	.01585	.00012
#2	.00039	-.00156	.00260	.00178	-.00063	.00236	.01615	.00006
#3	.00218	-.00104	.00375	.00116	-.00104	-.00497	.01576	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	33.968	-.00058	-.00026	-.00348	.02431	.00454	34.338
Stddev	.00002	.077	.00021	.00017	.00004	.00042	.00004	.064
%RSD	29.598	.22784	36.094	64.126	1.2262	1.7373	.83889	.18663
#1	.00006	33.879	-.00035	-.00038	-.00347	.02441	.00455	34.409
#2	.00008	34.004	-.00065	-.00007	-.00344	.02467	.00458	34.319
#3	.00011	34.021	-.00075	-.00033	-.00352	.02385	.00450	34.285
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00036	279.29	.00025	-.00013	10.659	.00015	.10774
Stddev	.00041	.00035	.84	.00006	.00004	.082	.00037	.00582
%RSD	54.490	98.703	.30160	24.535	30.876	.76627	254.16	5.4025
#1	.00107	-.00009	278.50	.00031	-.00011	10.723	-.00028	.10234
#2	.00029	-.00023	280.17	.00019	-.00017	10.686	.00039	.10698
#3	.00088	-.00076	279.19	.00025	-.00010	10.567	.00033	.11391
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.644	2.3836	-.01269	.00202	-.00262	.0286	.28584	.03095
Stddev	.077	.0132	.00075	.00096	.00092	.0014	.00118	.16342
%RSD	.32657	.55258	5.8843	47.375	35.046	4.897	.41178	527.93
#1	23.559	2.3689	-.01198	.00296	-.00181	.0275	.28460	-.06583
#2	23.709	2.3942	-.01347	.00207	-.00244	.0280	.28598	-.06094
#3	23.664	2.3878	-.01261	.00104	-.00361	.0302	.28694	.21963

Sample Name: K2177-02 Acquired: 4/2/2019 21:35:55 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2838
Stddev	.4798
%RSD	11.200

#1	4.8168
#2	4.1481
#3	3.8865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4751.3	51046.	6638.7	93.866	4661.5
Stddev	6.5	157.	47.1	1.588	8.2
%RSD	.13741	.30828	.71021	1.6921	.17557

#1	4758.0	51139.	6693.0	95.180	4670.9
#2	4750.8	50864.	6615.4	94.317	4656.4
#3	4745.0	51135.	6607.7	92.101	4657.2

Sample Name: K2177-03 Acquired: 4/2/2019 21:40:29 Type: Unk
Method: P4-ICP2(v3012) 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	.00233	-.00007	.00274	-.00146	-.00173	.00254	.01550	-.00003
Stddev	.00060	.00034	.00070	.00153	.00078	.00784	.00055	.00003
%RSD	25.828	503.92	25.456	104.96	45.205	309.20	3.5354	116.27
#1	.00171	-.00036	.00300	.00027	-.00127	-.00052	.01502	-.00004
#2	.00237	.00030	.00327	-.00201	-.00129	.01144	.01540	-.00005
#3	.00291	-.00015	.00195	-.00264	-.00263	-.00332	.01610	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	30.055	-.00063	-.00009	-.00345	.02759	.00414	21.429
Stddev	.00004	.151	.00007	.00007	.00015	.00045	.00004	.139
%RSD	81.983	.50196	11.444	72.983	4.2965	1.6208	.96070	.64995
#1	.00009	30.007	-.00071	-.00015	-.00362	.02800	.00413	21.312
#2	.00001	30.224	-.00062	-.00009	-.00337	.02765	.00410	21.391
#3	.00005	29.934	-.00057	-.00002	-.00336	.02711	.00418	21.583
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	-.00112	172.51	.00031	.00031	6.5669	.00004	.05375
Stddev	.00036	.00023	.76	.00026	.00008	.0604	.00015	.00218
%RSD	30.722	20.217	.44291	85.671	26.402	.91969	349.44	4.0611
#1	.00077	-.00128	172.38	.00008	.00041	6.6155	-.00010	.05168
#2	.00145	-.00122	171.83	.00060	.00025	6.4993	.00004	.05355
#3	.00133	-.00086	173.34	.00024	.00029	6.5858	.00019	.05603
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.676	2.4039	-.00898	-.00010	-.00391	.0268	.21396	<.00000
Stddev	.150	.0012	.00114	.00064	.00043	.0006	.00019	.11465
%RSD	1.0254	.04886	12.733	649.57	11.112	2.357	.09032	22.624
#1	14.515	2.4029	-.00921	-.00023	-.00437	.0261	.21388	-.37970
#2	14.701	2.4052	-.00998	.00060	-.00385	.0273	.21419	-.53807
#3	14.813	2.4036	-.00773	-.00067	-.00351	.0270	.21382	-.60249

Sample Name: K2177-03 Acquired: 4/2/2019 21:40:29 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2411
Stddev	.8555
%RSD	26.395

#1	2.5038
#2	3.0404
#3	4.1791

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4798.8	51732.	6683.5	96.291	4770.5
Stddev	16.2	116.	27.0	.749	18.8
%RSD	.33710	.22402	.40459	.77750	.39369

#1	4800.1	51684.	6664.2	95.867	4778.6
#2	4814.2	51864.	6671.9	97.156	4783.9
#3	4782.0	51647.	6714.4	95.852	4749.0

Sample Name: K2177-04 Acquired: 4/2/2019 21:44:54 Type: Unk
Method: P4-ICP2(v3012) 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	-.00018	-.00077	.00480	-.00093	-.00069	-.01595	.02035	.00011
Stddev	.00160	.00119	.00083	.00114	.00009	.00839	.00085	.00010
%RSD	866.75	154.52	17.307	123.05	12.750	52.591	4.2008	89.205
#1	.00013	-.00063	.00416	-.00004	-.00072	-.01802	.01943	-.00000
#2	.00123	-.00202	.00449	-.00221	-.00059	-.00672	.02111	.00017
#3	-.00191	.00035	.00574	-.00053	-.00076	-.02311	.02050	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	51.093	-.00124	-.00035	-.00255	.01462	.00622	98.708
Stddev	.00005	.205	.00016	.00004	.00054	.00079	.00008	1.101
%RSD	448.27	.40049	13.193	11.501	21.316	5.4073	1.2522	1.1158
#1	-.00006	51.114	-.00119	-.00031	-.00193	.01489	.00620	98.080
#2	.00004	51.286	-.00111	-.00035	-.00294	.01524	.00616	98.065
#3	-.00002	50.879	-.00143	-.00039	-.00280	.01373	.00631	99.980
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00089	805.19	.00034	.00082	31.507	.00086	.35127
Stddev	.00003	.00024	2.49	.00020	.00012	.100	.00019	.01187
%RSD	5.8992	27.028	.30912	57.893	14.487	.31824	21.549	3.3779
#1	-.00051	-.00106	804.01	.00020	.00081	31.444	.00095	.34563
#2	-.00057	-.00101	808.05	.00026	.00071	31.455	.00099	.34328
#3	-.00056	-.00062	803.51	.00056	.00094	31.623	.00065	.36490
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.307	2.1567	-.02861	.00006	.00695	.0371	.63027	1.7025
Stddev	.229	.0179	.00044	.00197	.00173	.0016	.00242	.1949
%RSD	.33058	.82770	1.5542	3227.3	24.835	4.195	.38419	11.446
#1	69.569	2.1678	-.02820	-.00138	.00663	.0372	.63123	1.5254
#2	69.208	2.1662	-.02908	-.00074	.00541	.0386	.63206	1.6710
#3	69.144	2.1361	-.02855	.00230	.00882	.0355	.62751	1.9113

Sample Name: K2177-04 Acquired: 4/2/2019 21:44:54 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0477
Stddev	.4008
%RSD	6.6267

#1	5.6415
#2	6.4428
#3	6.0589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4435.9	47995.	6536.1	91.800	4189.9
Stddev	14.3	193.	49.4	2.481	10.4
%RSD	.32320	.40142	.75584	2.7027	.24744

#1	4450.3	48151.	6511.2	88.986	4189.2
#2	4435.8	48054.	6504.1	92.741	4200.6
#3	4421.6	47780.	6593.0	93.673	4179.9

Sample Name: K2177-05 Acquired: 4/2/2019 21:49:28 Type: Unk
Method: P4-ICP2(v3012) 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	-.00092	.00260	.00025	-.00066	.00835	.01525	.00005
Stddev	.00177	.00096	.00047	.00282	.00070	.00259	.00022	.00004
%RSD	420.16	104.30	18.067	1115.4	106.49	30.992	1.4376	78.276
#1	.00079	.00019	.00213	.00198	-.00058	.00878	.01523	.00004
#2	-.00150	-.00148	.00259	-.00300	-.00140	.00558	.01547	.00002
#3	.00198	-.00146	.00307	.00178	-.00000	.01070	.01504	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	28.000	-.00079	-.00015	-.00353	.02943	.00536	14.632
Stddev	.00009	.116	.00042	.00010	.00028	.00141	.00007	.163
%RSD	291.29	.41343	52.770	69.028	7.8655	4.8028	1.2148	1.1162
#1	.00007	28.134	-.00085	-.00010	-.00328	.02806	.00540	14.595
#2	.00009	27.931	-.00118	-.00007	-.00347	.03088	.00540	14.811
#3	-.00007	27.937	-.00035	-.00026	-.00383	.02934	.00529	14.491
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00102	112.25	-.00030	.00316	4.3998	.00021	.04364
Stddev	.00038	.00012	.74	.00015	.00011	.0281	.00023	.00664
%RSD	25.046	12.078	.66031	51.356	3.4026	.63940	108.01	15.211
#1	.00144	-.00089	111.75	-.00015	.00311	4.3676	-.00005	.03726
#2	.00120	-.00104	113.10	-.00045	.00309	4.4124	.00031	.04315
#3	.00195	-.00113	111.89	-.00029	.00328	4.4195	.00038	.05051
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.021	2.3545	-.00732	.00087	-.00755	.0276	.17304	<.00000
Stddev	.027	.0053	.00037	.00034	.00173	.0021	.00042	.21131
%RSD	.27347	.22351	5.0748	39.746	22.980	7.431	.24552	33.304
#1	10.052	2.3594	-.00711	.00079	-.00703	.0253	.17353	-.80216
#2	10.010	2.3551	-.00710	.00124	-.00613	.0282	.17287	-.39714
#3	10.001	2.3489	-.00775	.00057	-.00948	.0293	.17274	-.70417

Sample Name: K2177-05 Acquired: 4/2/2019 21:49:28 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9567
Stddev	.8625
%RSD	29.172

#1	2.8981
#2	3.8469
#3	2.1249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4796.8	51922.	6689.5	96.270	4829.2
Stddev	1.9	228.	50.6	1.768	9.2
%RSD	.03868	.43872	.75567	1.8361	.19139

#1	4798.5	51960.	6632.5	96.226	4834.9
#2	4797.0	51677.	6707.4	94.524	4834.1
#3	4794.8	52128.	6728.7	98.059	4818.5

Sample Name: K2177-06 Acquired: 4/2/2019 21:53:53 Type: Unk
Method: P4-ICP2(v3012) 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	.00134	-.00108	.00158	-.00044	.00046	.00303	.01514	.00004
Stddev	.00121	.00075	.00031	.00104	.00123	.00932	.00029	.00004
%RSD	90.411	69.293	19.833	236.82	266.01	307.24	1.8925	85.113

#1	.00270	-.00170	.00141	-.00160	.00009	.00265	.01496	.00004
#2	.00037	-.00025	.00194	-.00010	-.00054	-.00609	.01500	.00009
#3	.00096	-.00131	.00138	.00039	.00184	.01253	.01547	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	26.087	-.00052	-.00008	-.00384	.03390	.00400	8.0954
Stddev	.00003	.095	.00015	.00015	.00038	.00031	.00004	.0714
%RSD	20.582	.36603	28.088	189.16	9.7731	.90347	1.0135	.88244

#1	.00012	25.994	-.00068	-.00023	-.00402	.03426	.00404	8.1693
#2	.00011	26.080	-.00047	-.00009	-.00409	.03374	.00400	8.0267
#3	.00016	26.185	-.00041	.00008	-.00341	.03371	.00396	8.0903

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00060	55.155	-.00023	.00147	2.1932	.00017	.01743
Stddev	.00031	.00056	.137	.00020	.00002	.0673	.00035	.00448
%RSD	17.116	93.200	.24823	87.049	1.4696	3.0664	205.78	25.683

#1	.00215	-.00016	55.072	-.00004	.00145	2.2458	.00025	.01942
#2	.00175	-.00042	55.079	-.00044	.00148	2.1174	.00047	.01230
#3	.00154	-.00123	55.313	-.00020	.00149	2.2164	-.00021	.02056

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5685	2.4393	-.00625	.00023	-.00617	.0252	.13698	<.00000
Stddev	.0461	.0173	.00027	.00229	.00116	.0006	.00024	.29195
%RSD	.82774	.71047	4.3761	974.74	18.752	2.498	.17666	24.632

#1	5.5833	2.4363	-.00635	-.00082	-.00736	.0247	.13673	-1.4111
#2	5.6054	2.4579	-.00594	-.00134	-.00611	.0250	.13700	-1.2890
#3	5.5169	2.4236	-.00647	.00286	-.00504	.0259	.13721	-.85557

Sample Name: K2177-06 Acquired: 4/2/2019 21:53:53 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9874
 Stddev .4661
 %RSD 23.453

#1 1.4575
 #2 2.1702
 #3 2.3343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4857.8	52636.	6733.9	98.452	4979.2
Stddev	15.1	140.	3.6	.771	13.4
%RSD	.31038	.26586	.05368	.78360	.26868

#1	4851.1	52597.	6730.0	98.479	4971.0
#2	4847.2	52791.	6734.3	97.668	4972.1
#3	4875.0	52520.	6737.2	99.210	4994.7

Sample Name: CCV11 Acquired: 4/2/2019 21:58:19 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9436	5.0187	4.7364	5.1367	4.9637	10.070	10.027	.24540
Stddev	.0109	.0041	.0192	.0118	.0014	.047	.039	.00062
%RSD	.21993	.08205	.40522	.23062	.02795	.47055	.38654	.25146
#1	4.9494	5.0197	4.7174	5.1503	4.9650	10.044	10.001	.24584
#2	4.9503	5.0223	4.7360	5.1315	4.9622	10.125	10.008	.24568
#3	4.9310	5.0142	4.7558	5.1283	4.9639	10.041	10.071	.24470
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4214	25.806	1.0080	2.3723	1.2327	5.0363	2.5040	24.574
Stddev	.0056	.131	.0030	.0064	.0017	.0211	.0008	.289
%RSD	.22937	.50867	.30160	.27091	.13415	.41848	.03339	1.1765
#1	2.4156	25.681	1.0107	2.3660	1.2343	5.0573	2.5047	24.241
#2	2.4218	25.942	1.0047	2.3722	1.2328	5.0151	2.5042	24.762
#3	2.4267	25.794	1.0087	2.3788	1.2310	5.0364	2.5030	24.718
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4944	1.2417	24.784	2.5581	2.3197	25.438	5.0235	5.3451
Stddev	.0050	.0050	.238	.0137	.0053	.124	.0065	.0140
%RSD	.20034	.40645	.95950	.53495	.22881	.48663	.12954	.26234
#1	2.4888	1.2467	24.560	2.5729	2.3165	25.512	5.0299	5.3473
#2	2.4962	1.2366	24.759	2.5460	2.3168	25.295	5.0237	5.3579
#3	2.4983	1.2416	25.033	2.5552	2.3258	25.506	5.0169	5.3301
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8722	5.2816	4.8501	5.1864	5.0534	5.048	5.1466	F .86232
Stddev	.0160	.0097	.0081	.0078	.0186	.009	.0199	.28045
%RSD	.32931	.18446	.16712	.15132	.36756	.1720	.38610	32.523
#1	4.8873	5.2884	4.8460	5.1859	5.0699	5.053	5.1615	1.1704
#2	4.8739	5.2705	4.8449	5.1945	5.0333	5.053	5.1241	.62195
#3	4.8554	5.2861	4.8594	5.1789	5.0569	5.038	5.1544	.79458

Sample Name: CCV11 Acquired: 4/2/2019 21:58:19 Type: Unk
Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1116
Stddev .4301
%RSD 13.823

#1 3.6029
#2 2.9289
#3 2.8030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4613.1	50227.	6485.0	91.495	4516.8
Stddev	10.4	153.	27.9	1.016	2.9
%RSD	.22639	.30393	.42970	1.1103	.06523

#1	4601.1	50052.	6452.9	91.562	4520.0
#2	4618.2	50302.	6502.5	92.475	4514.2
#3	4620.0	50328.	6499.7	90.447	4516.1

Sample Name: CCB11 Acquired: 4/2/2019 22:02:27 Type: Unk
Method: P4-ICP2(v3012) 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	.00287	-.00018	.00287	.00039	.00333	.00880	.00116
Stddev	.00213	.00061	.00076	.00030	.00010	.00513	.00017
%RSD	74.188	338.41	26.336	76.685	2.9477	58.271	14.460

#1	.00397	.00051	.00323	.00072	.00330	.01399	.00097
#2	.00422	-.00062	.00339	.00015	.00343	.00866	.00122
#3	.00042	-.00043	.00201	.00028	.00324	.00374	.00128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00002	-.00753	-.00032	-.00005	-.00206	.01243
Stddev	.00002	.00007	.00661	.00025	.00007	.00020	.00061
%RSD	31.307	322.99	87.726	79.080	147.49	9.6502	4.9091

#1	-.00007	-.00006	-.01126	-.00004	-.00004	-.00227	.01173
#2	-.00003	-.00007	-.01144	-.00039	-.00012	-.00188	.01284
#3	-.00005	.00006	.00010	-.00053	.00002	-.00202	.01272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	.02589	.00194	-.00036	.15972	-.00049	.00022
Stddev	.00004	.01483	.00015	.00036	.01029	.00020	.00011
%RSD	3.3805	57.279	7.8305	99.782	6.4414	41.498	50.401

#1	.00126	.03688	.00211	.00000	.14934	-.00069	.00033
#2	.00118	.03176	.00182	-.00072	.16992	-.00048	.00023
#3	.00121	.00902	.00189	-.00036	.15989	-.00029	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11428	.00028	-.00623	F .01096	-.00476	.00047	.00242
Stddev	.01667	.00017	.01176	.00283	.00070	.00092	.00135
%RSD	14.589	60.272	188.84	25.817	14.619	197.18	55.786

#1	.10167	.00047	-.00601	.01068	-.00544	.00083	.00165
#2	.13318	.00021	-.01810	.01392	-.00479	.00115	.00163
#3	.10799	.00015	.00542	.00828	-.00405	-.00058	.00398

Sample Name: CCB11 Acquired: 4/2/2019 22:02:27 Type: Unk
 Method: P4-ICP2(v3012) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00741	F .0054	.00013	F<.00000	F .83921
Stddev	.00028	.0011	.00009	.41738	.34568
%RSD	3.7493	19.59	68.056	357.01	41.190
#1	.00763	.0042	.00019	-.53803	.46241
#2	.00710	.0063	.00003	.29662	1.1417
#3	.00751	.0055	.00017	-.10931	.91357
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4780.8	51379.	6470.6	92.597	4991.1
Stddev	2.6	221.	2.5	1.661	5.1
%RSD	.05412	.43105	.03884	1.7934	.10145
#1	4778.0	51573.	6469.8	94.458	4985.3
#2	4781.3	51138.	6473.4	91.267	4993.8
#3	4783.1	51426.	6468.6	92.067	4994.3