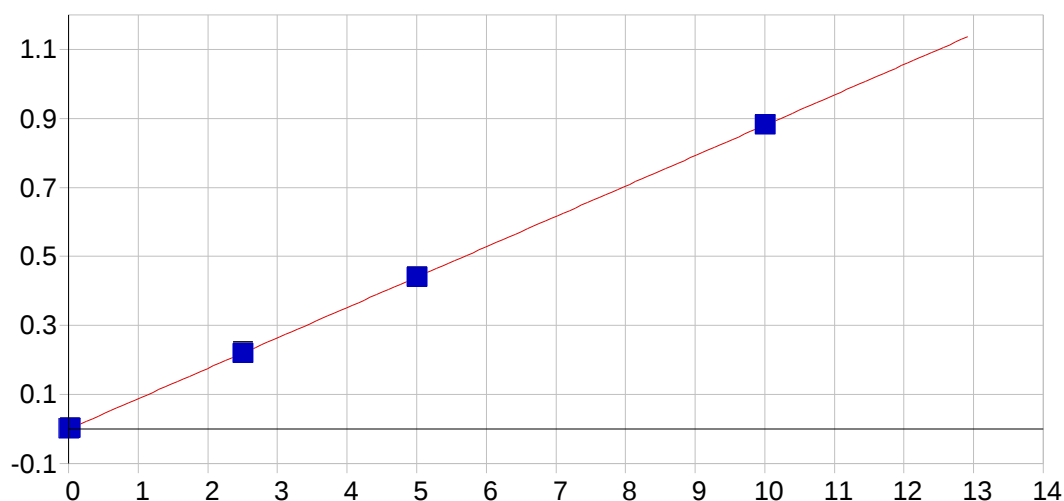


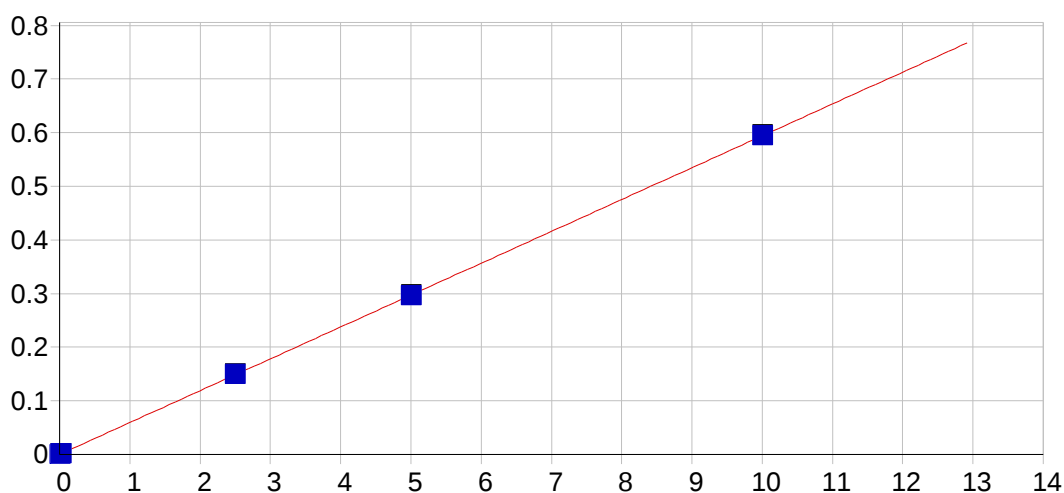


As 189.042 {478}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.088018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.002811
 Predicted MQL: 0.009369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.02000	.01882	-.001	-5.90	.00159	.000	1
S3	2.5000	2.4979	-.002	-.085	.21978	.003	1
S4	5.0000	4.9990	-.001	-.020	.43990	.000	1
S5	10.000	10.004	.004	.043	.88043	.001	1



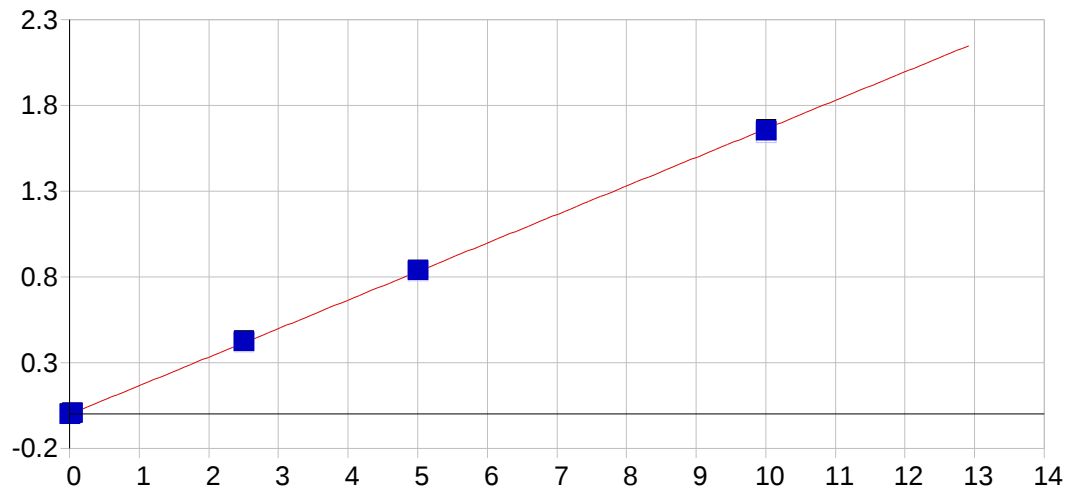
As 189.042 {479}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000135 Re-Slope: 1.000000

A1 (Gain): 0.059402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.002685
 Predicted MQL: 0.008950

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.02000	.02070	.001	3.49	.00136	.000	1
S3	2.5000	2.5147	.015	.586	.14951	.001	1
S4	5.0000	4.9883	-.012	-.234	.29645	.001	1
S5	10.000	9.9964	-.004	-.036	.59394	.001	1

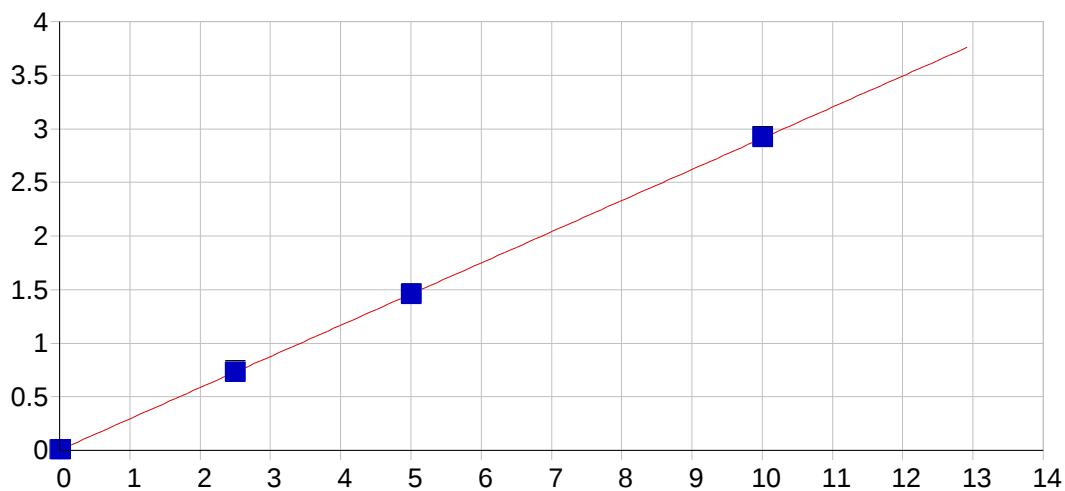


TI 190.856 {477}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000401 Re-Slope: 1.000000
 A1 (Gain): 0.166372 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.001259
 Predicted MQL: 0.004198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00040	.000	1
S1	.04000	.04356	.004	8.91	.00667	.000	1
S3	2.5000	2.5361	.036	1.44	.41727	.004	1
S4	5.0000	5.0328	.033	.656	.82838	.001	1
S5	10.000	9.9276	-.072	-.724	1.6342	.008	1

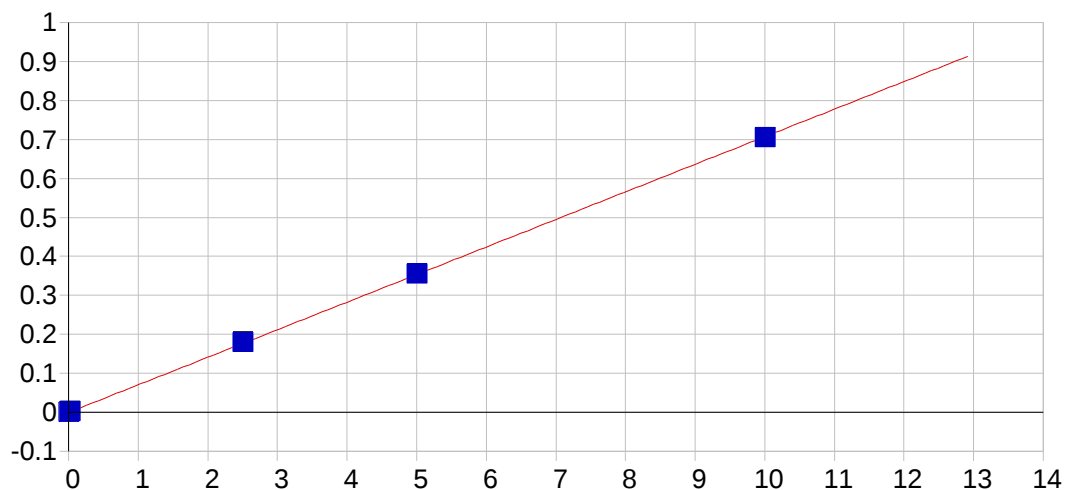


Pb 220.353 {453}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003856 Re-Slope: 1.000000
 A1 (Gain): 0.290746 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.001109
 Predicted MQL: 0.003696

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00386	.000	1
S1	.01200	.01173	-.000	-2.26	.00720	.000	1
S3	2.5000	2.4953	-.005	-.188	.72840	.010	1
S4	5.0000	4.9868	-.013	-.265	1.4518	.003	1
S5	10.000	10.018	.018	.182	2.9128	.011	1



Se 196.090 {472}

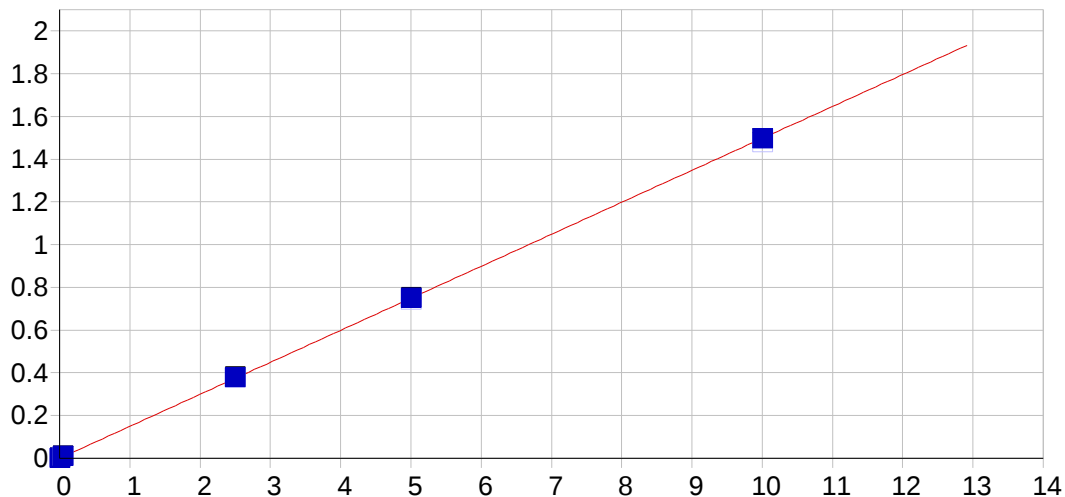
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000322 Re-Slope: 1.000000
 A1 (Gain): 0.070736 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000012
 Predicted MDL: 0.003221
 Predicted MQL: 0.010736

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.02000	.02281	.003	14.1	.00129	.000	1
S3	2.5000	2.5287	.029	1.15	.17853	.002	1
S4	5.0000	5.0100	.010	.200	.35402	.000	1
S5	10.000	9.9585	-.042	-.415	.70402	.001	1



Sb 206.833 {463}

Date of Fit: 11/19/2018 11:38:05

Type of Fit: Linear

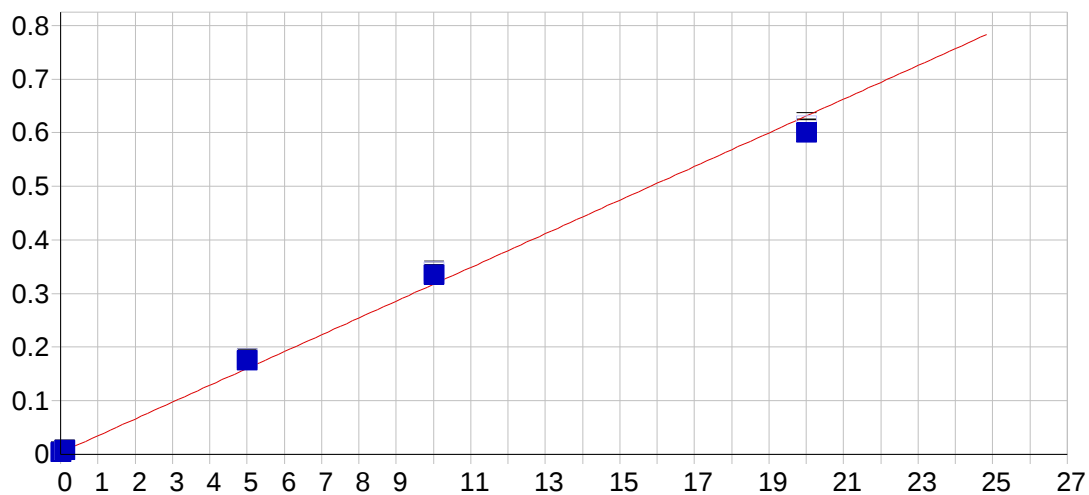
Weighting: 1/Conc

A0 (Offset): 0.000424
 A1 (Gain): 0.149697
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000043
 Predicted MDL: 0.001840
 Predicted MQL: 0.006133

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	.00042	.000	1
S1	.05000	.05647	.006	12.9	.00869	.000	1
S3	2.5000	2.5173	.017	.692	.37305	.004	1
S4	5.0000	4.9954	-.005	-.092	.73981	.003	1
S5	10.000	9.9809	-.019	-.191	1.4777	.000	1

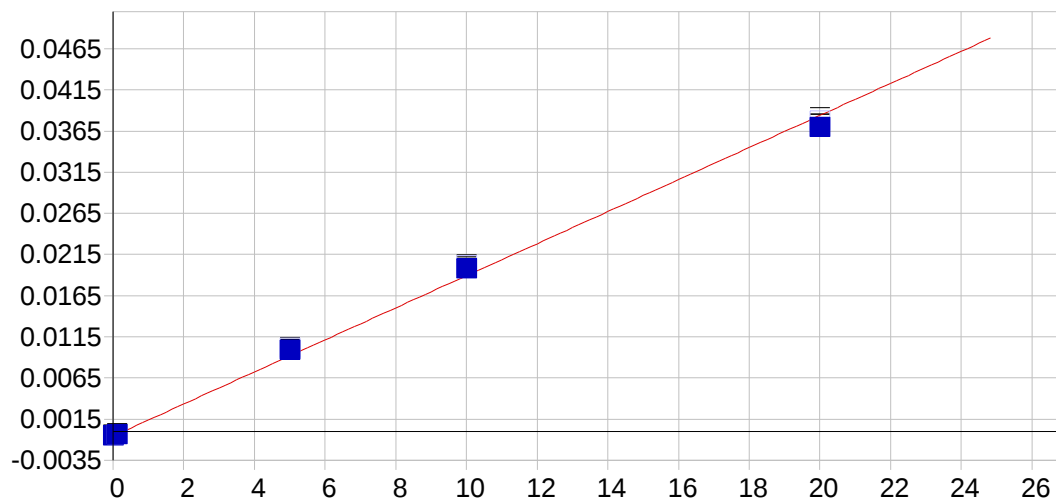


AI 308.215 {109}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003284 Re-Slope: 1.000000
 A1 (Gain): 0.031402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998334 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.003672
 Predicted MQL: 0.012240

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00328	.000	1
S1	.10000	.11838	.018	18.4	.00722	.000	1
S3	5.0000	5.4453	.445	8.91	.17741	.000	1
S4	10.000	10.537	.537	5.37	.34042	.000	1
S5	20.000	18.998	-1.00	-5.01	.61239	.006	1



AI 309.271 {109}

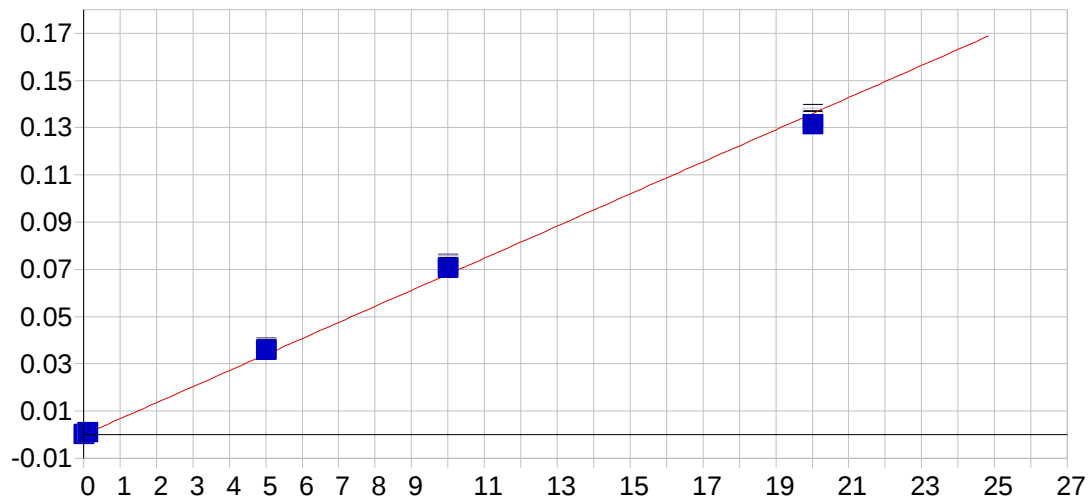
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000551 Re-Slope: 1.000000
 A1 (Gain): 0.001947 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999032
 Std Error of Est: 0.000007
 Predicted MDL: 0.038865
 Predicted MQL: 0.129552

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.10000	.09068	-.009	-9.32	-.00036	.000	1
S3	5.0000	5.3541	.354	7.08	.01007	.000	1
S4	10.000	10.408	.408	4.08	.02010	.000	1
S5	20.000	19.248	-.752	-3.76	.03770	.000	1



AI 396.152 { 85}

Date of Fit: 11/19/2018 11:38:05

Type of Fit: Linear

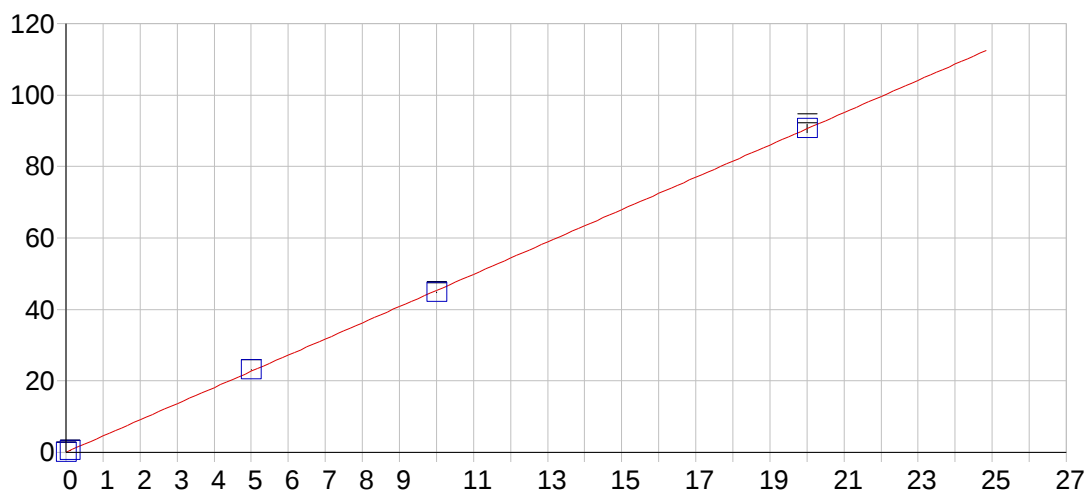
Weighting: 1/Conc

A0 (Offset): -0.000079
 A1 (Gain): 0.006802
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999202
 Std Error of Est: 0.000021
 Predicted MDL: 0.016467
 Predicted MQL: 0.054889

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	-.00008	.000	1
S1	.10000	.12152	.022	21.5	.00079	.000	1
S3	5.0000	5.2734	.273	5.47	.03647	.000	1
S4	10.000	10.390	.390	3.90	.07194	.000	1
S5	20.000	19.314	-.686	-3.43	.13399	.002	1

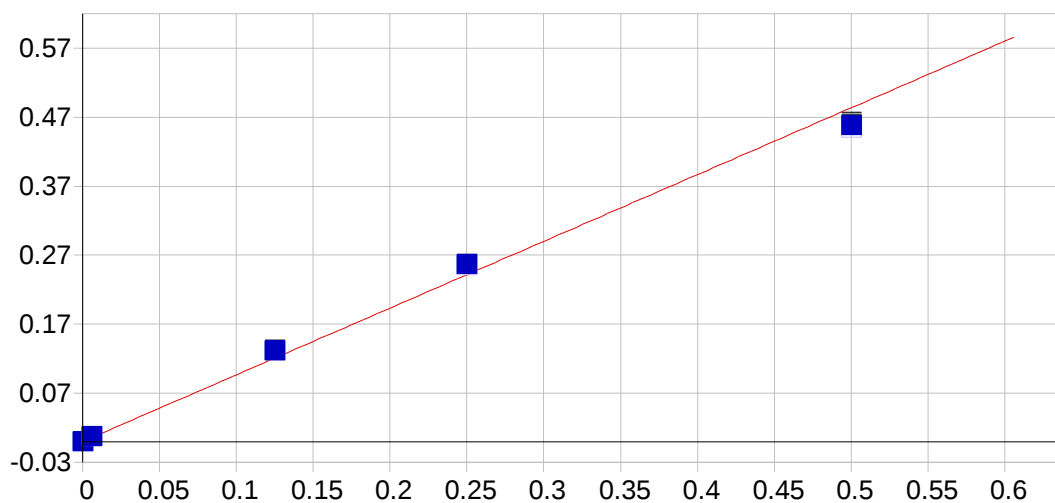


Ba 493.409 { 68}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.062295 Re-Slope: 1.000000
 A1 (Gain): 4.524907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.003549
 Predicted MDL: 0.000706
 Predicted MQL: 0.002352

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06224	.000	1
S1	.10000	.11086	.011	10.9	.56394	.000	1
S3	5.0000	5.0822	.082	1.64	23.059	.028	1
S5	20.000	20.014	.014	.072	90.626	1.32	1
S4	10.000	9.8926	-.107	-1.07	44.825	.144	1



Be 234.861 {144}

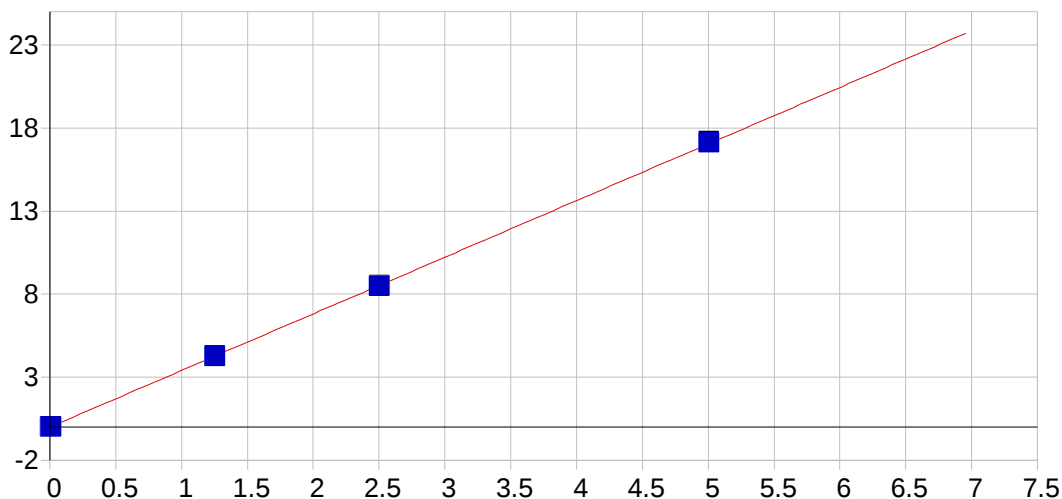
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.966976 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998006
 Std Error of Est: 0.000180
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00600	.00694	.001	15.7	.00667	.000	1
S3	.12500	.13613	.011	8.91	.13090	.000	1
S4	.25000	.26489	.015	5.95	.25464	.000	1
S5	.50000	.47305	-.027	-5.39	.45440	.005	1



Cd 226.502 {449}

Date of Fit: 11/19/2018 11:38:05

Type of Fit: Linear

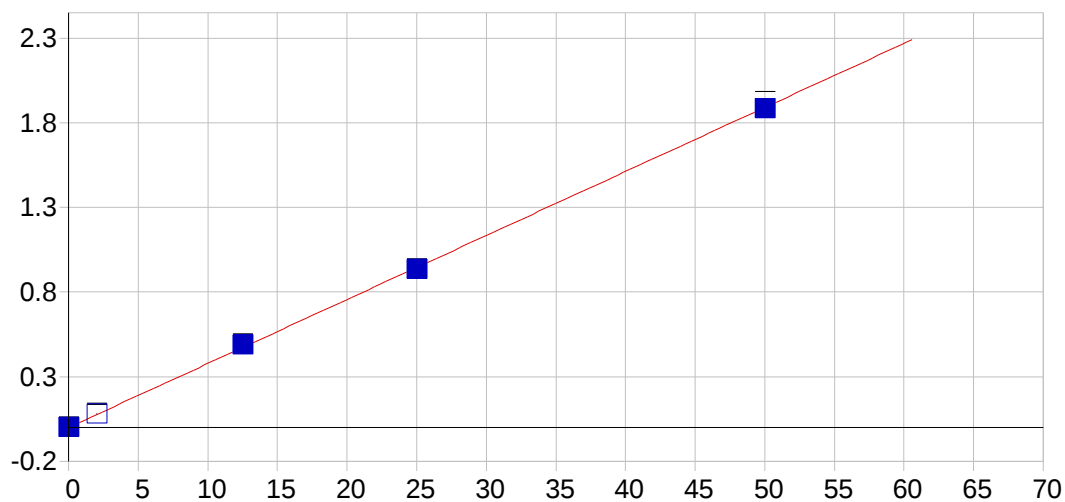
Weighting: 1/Conc

A0 (Offset): -0.000679
 A1 (Gain): 3.407542
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000154
 Predicted MDL: 0.000100
 Predicted MQL: 0.000334

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	-.00068	.000	1
S1	.00600	.00598	-.000	-.256	.01975	.000	1
S3	1.2500	1.2397	-.010	-.825	4.2246	.051	1
S4	2.5000	2.4903	-.010	-.389	8.4870	.015	1
S5	5.0000	5.0201	.020	.401	17.109	.070	1

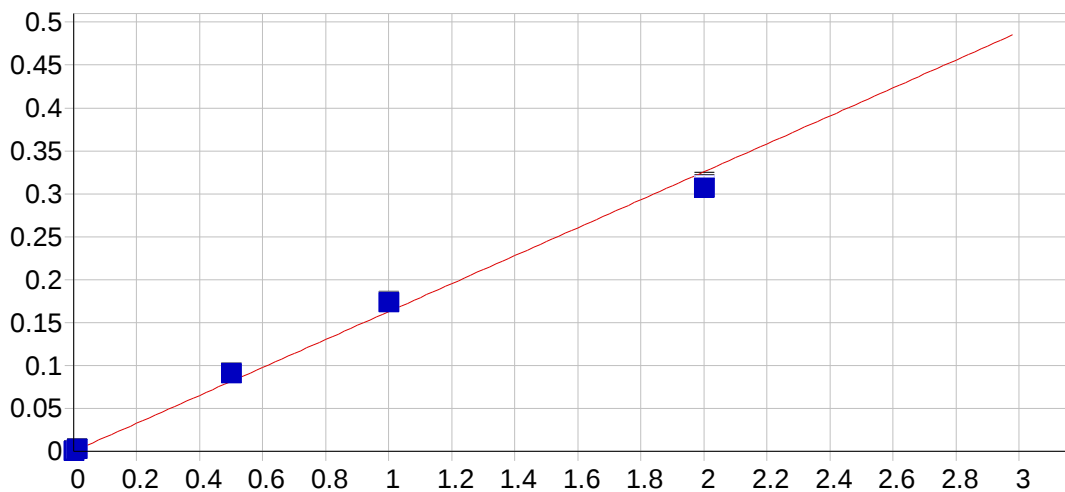


Ca 373.690 { 90}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000152 Re-Slope: 1.000000
 A1 (Gain): 0.037806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000317
 Predicted MDL: 0.022307
 Predicted MQL: 0.074357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1033	.103	5.16	.07967	.002	1
S0	.00000	-.00013	-.000	.000	.00015	.001	1
S3	12.500	12.886	.386	3.09	.48758	.003	1
S4	25.000	24.731	-.269	-1.08	.93563	.001	1
S5	50.000	49.779	-.221	-.441	1.8831	.041	1



Cr 267.716 {126}

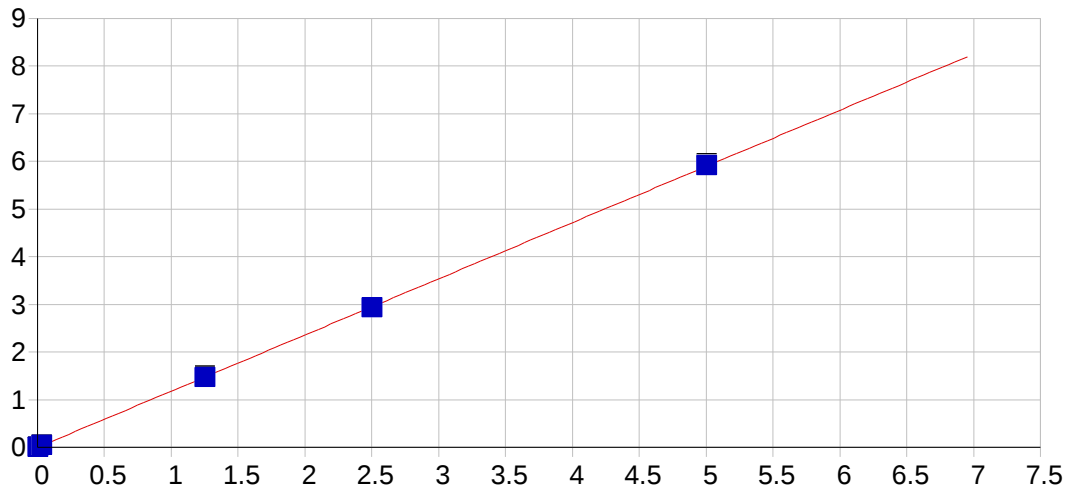
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.162775 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997709
 Std Error of Est: 0.000085
 Predicted MDL: 0.000566
 Predicted MQL: 0.001887

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01192	.002	19.2	.00201	.000	1
S3	.50000	.55274	.053	10.5	.09064	.001	1
S4	1.0000	1.0611	.061	6.11	.17401	.000	1
S5	2.0000	1.8842	-.116	-5.79	.30919	.004	1



Co 228.616 {447}

Date of Fit: 11/19/2018 11:38:05

Type of Fit: Linear

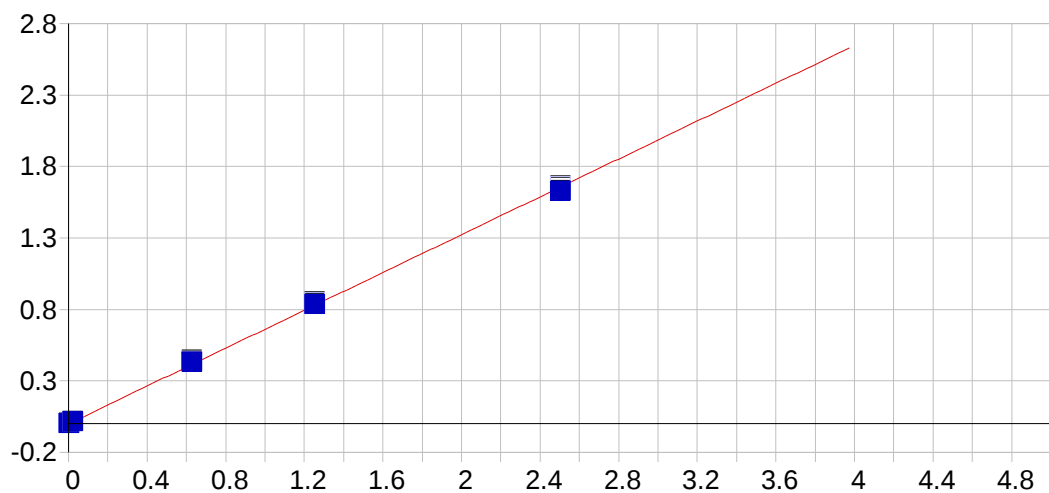
Weighting: 1/Conc

A0 (Offset): 0.000159
 A1 (Gain): 1.179206
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000218
 Predicted MDL: 0.000264
 Predicted MQL: 0.000879

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	.00015	.000	1
S1	.03000	.03386	.004	12.9	.03985	.000	1
S3	1.2500	1.2447	-.005	-.427	1.4690	.019	1
S4	2.5000	2.4839	-.016	-.645	2.9315	.000	1
S5	5.0000	5.0176	.018	.353	5.9216	.026	1

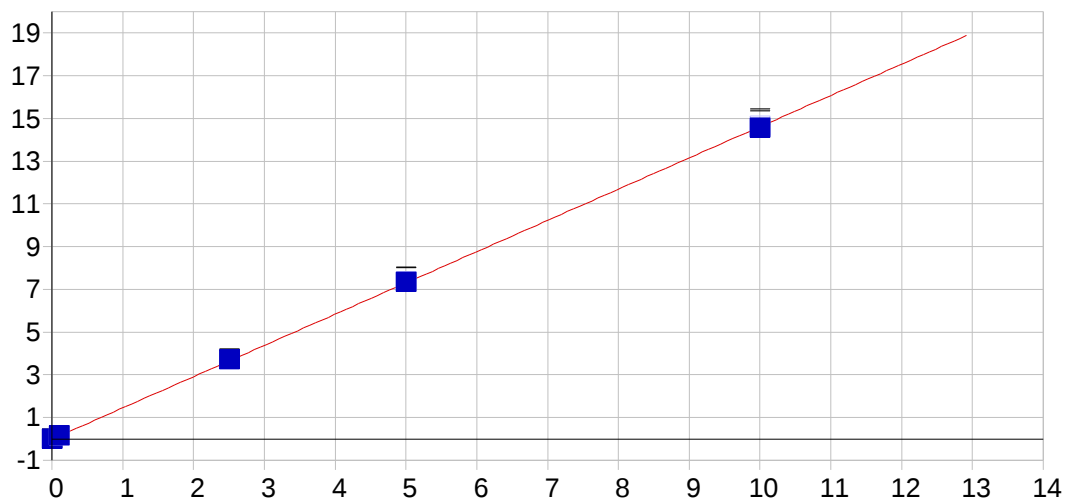


Cu 224.700 {450}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000372 Re-Slope: 1.000000
 A1 (Gain): 0.661820 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.000182
 Predicted MDL: 0.000558
 Predicted MQL: 0.001861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.02000	.02297	.003	14.8	.01507	.000	1
S3	.62500	.65081	.026	4.13	.43803	.005	1
S4	1.2500	1.2616	.012	.924	.84991	.003	1
S5	2.5000	2.4597	-.040	-1.61	1.6582	.004	1



Fe 240.488 {140}

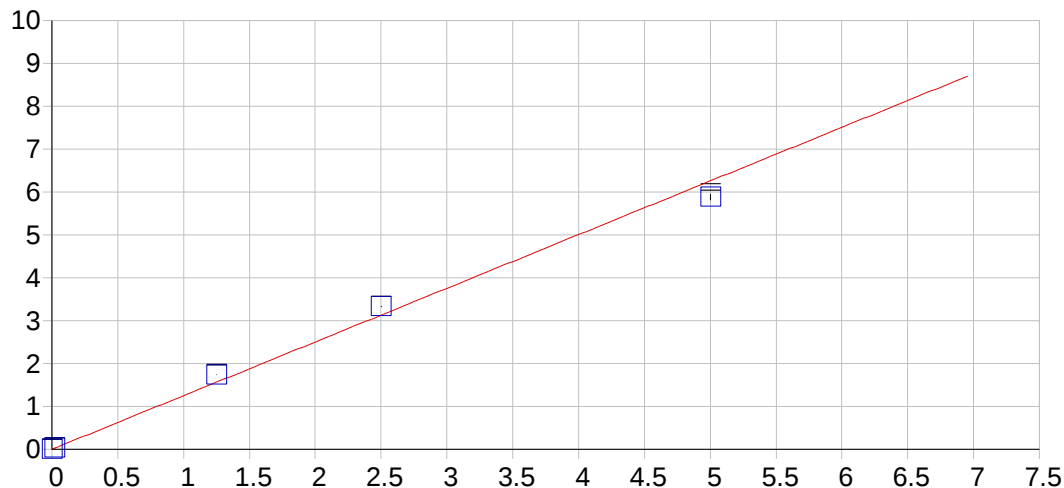
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010181 Re-Slope: 1.000000
 A1 (Gain): 1.462748 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000521
 Predicted MDL: 0.008117
 Predicted MQL: 0.027057

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01019	.002	1
S1	.10000	.10241	.002	2.41	.14034	.002	1
S3	2.5000	2.5344	.034	1.38	3.7154	.006	1
S4	5.0000	5.0093	.009	.186	7.3540	.209	1
S5	10.000	9.9539	-.046	-.461	14.623	.336	1



Mn 257.610 {131}

Date of Fit: 11/19/2018 11:38:05

Type of Fit: Linear

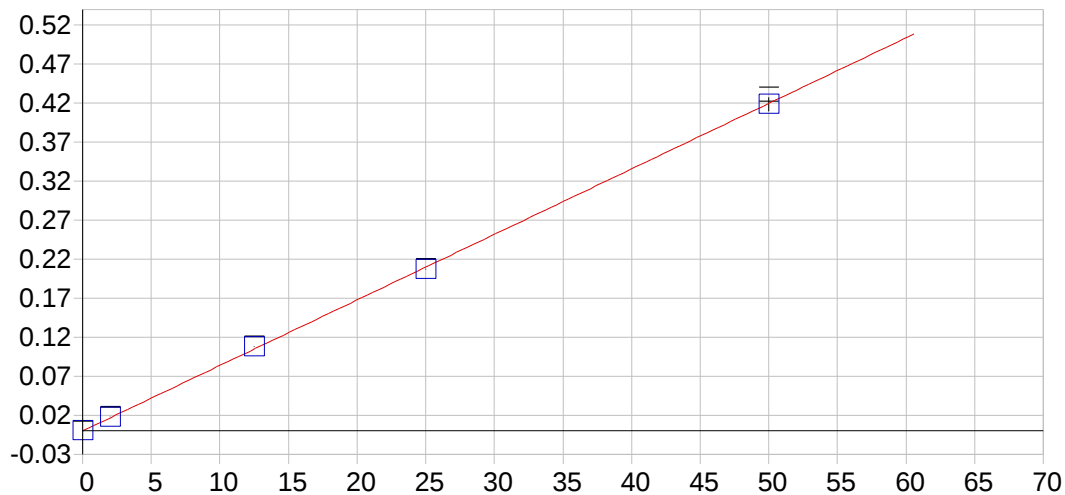
Weighting: 1/Conc

A0 (Offset): 0.000198
 A1 (Gain): 1.251439
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997507
 Std Error of Est: 0.001513
 Predicted MDL: 0.000074
 Predicted MQL: 0.000245

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	.00019	.000	1
S1	.02000	.02495	.005	24.8	.03142	.000	1
S3	1.2500	1.3850	.135	10.8	1.7334	.006	1
S4	2.5000	2.6594	.159	6.38	3.3283	.005	1
S5	5.0000	4.7006	-.299	-5.99	5.8827	.074	1

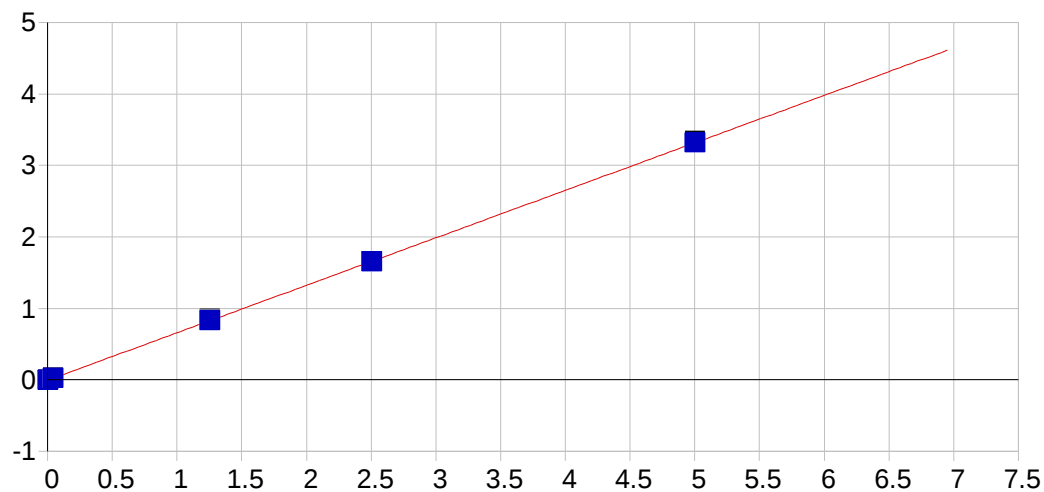


Mg 279.079 {121}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.008396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.048726
 Predicted MQL: 0.162420

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1089	.109	5.45	.01773	.000	1
S0	.00000	-.00013	-.000	.000	.00002	.000	1
S3	12.500	12.849	.349	2.79	.10790	.000	1
S4	25.000	24.697	-.303	-1.21	.20737	.000	1
S5	50.000	49.845	-.155	-.310	.41850	.009	1



Ni 231.604 {445}

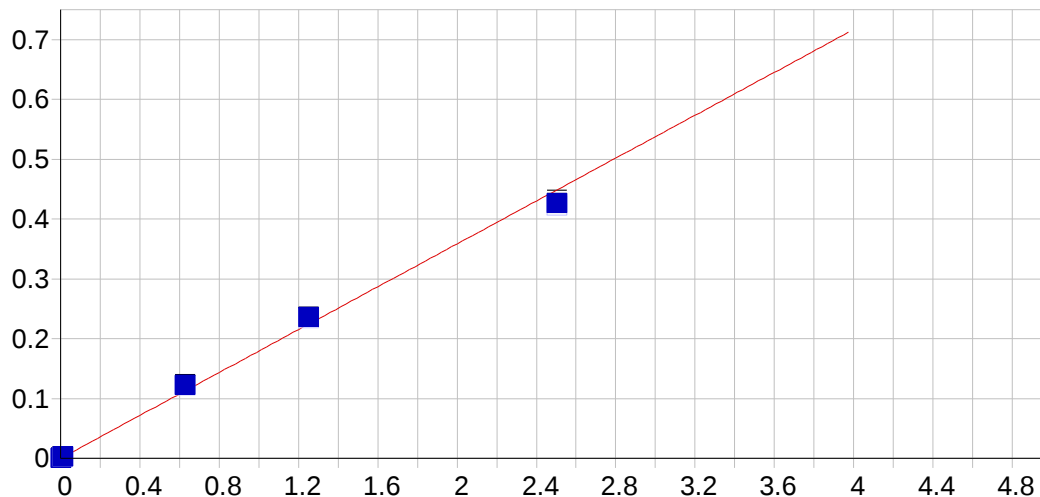
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005906 Re-Slope: 1.000000
 A1 (Gain): 0.664348 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000146
 Predicted MDL: 0.000493
 Predicted MQL: 0.001644

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00591	.000	1
S1	.04000	.04491	.005	12.3	.02395	.000	1
S3	1.2500	1.2599	.010	.796	.83204	.010	1
S4	2.5000	2.4897	-.010	-.413	1.6499	.003	1
S5	5.0000	4.9955	-.005	-.091	3.3165	.018	1

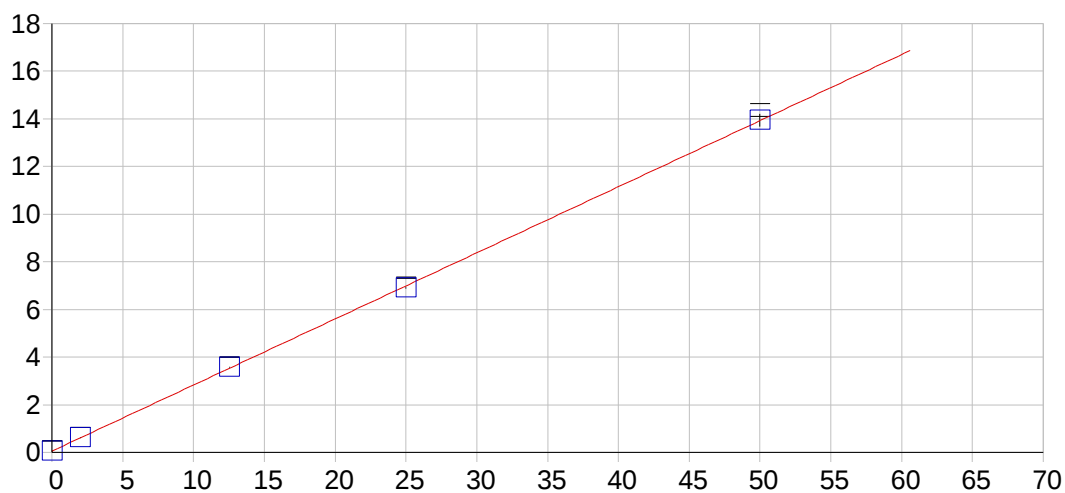


Ag 328.068 {103}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.179187 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998293 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000772
 Predicted MQL: 0.002574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.01117	.001	11.7	.00206	.000	1
S3	.62500	.68210	.057	9.14	.12105	.001	1
S4	1.2500	1.3143	.064	5.14	.23306	.000	1
S5	2.5000	2.3775	-.123	-4.90	.42102	.005	1

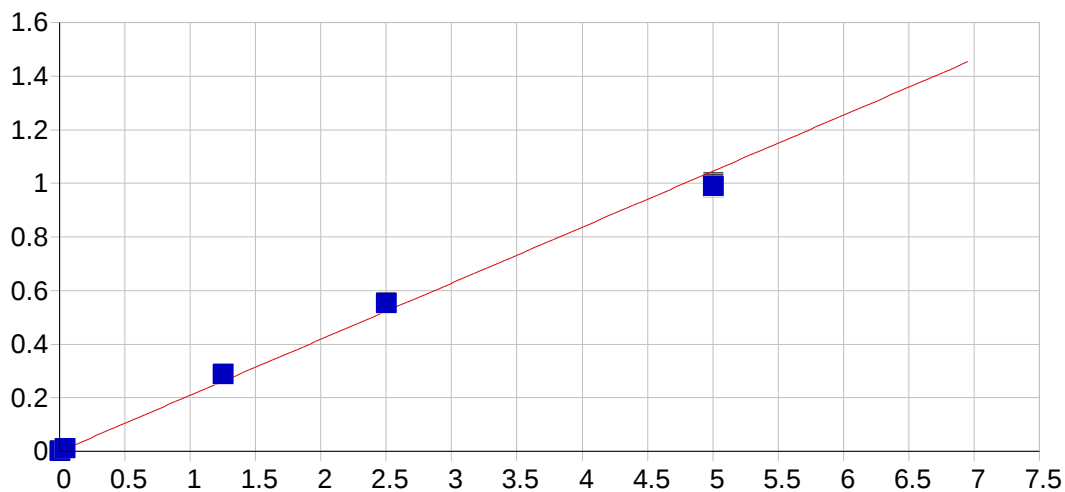


Na 589.592 { 57}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.054016 Re-Slope: 1.000000
 A1 (Gain): 0.277423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.001560
 Predicted MDL: 0.010849
 Predicted MQL: 0.036163

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0559	.056	2.79	.62436	.007	1
S0	.00000	-.00006	-.000	.000	.05400	.000	1
S3	12.500	12.702	.202	1.62	3.5780	.004	1
S4	25.000	24.663	-.337	-1.35	6.8962	.022	1
S5	50.000	50.078	.078	.157	13.947	.270	1



V 292.402 {115}

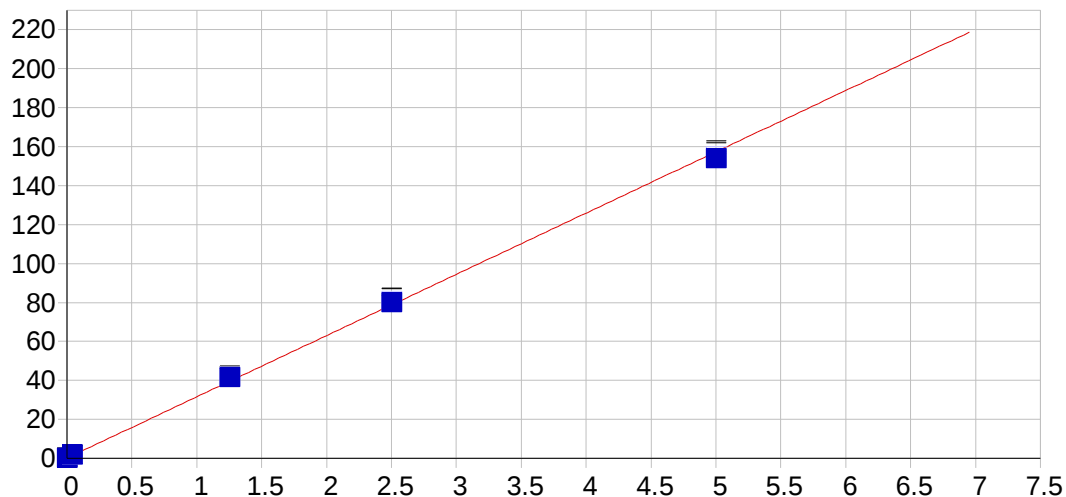
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.209035 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997979
 Std Error of Est: 0.000320
 Predicted MDL: 0.000578
 Predicted MQL: 0.001926

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.04000	.04905	.009	22.6	.01013	.000	1
S3	1.2500	1.3663	.116	9.30	.28390	.001	1
S4	2.5000	2.6418	.142	5.67	.54882	.000	1
S5	5.0000	4.7330	-.267	-5.34	.98254	.011	1

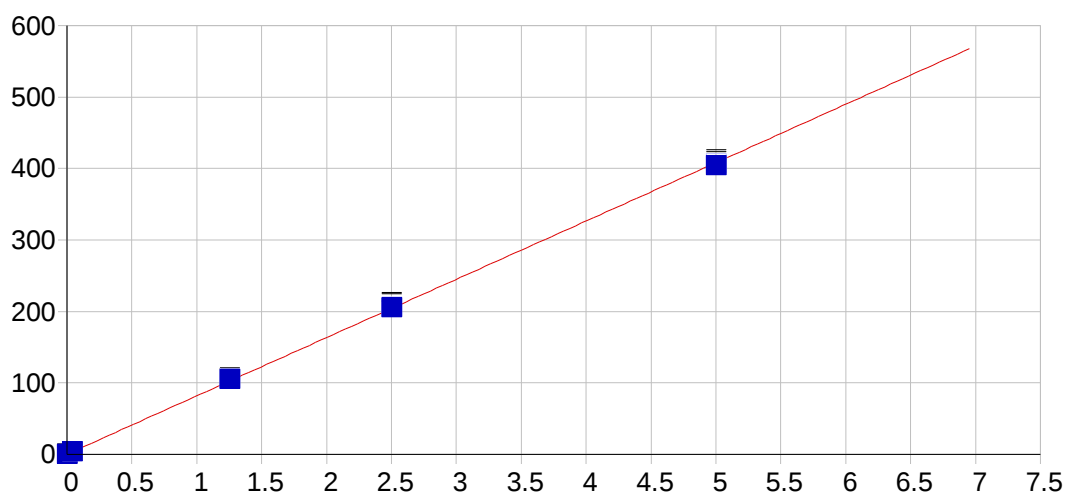


Zn 206.200 {163}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.105085 Re-Slope: 1.000000
 A1 (Gain): 31.448373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999572 Status: OK.
 Std Error of Est: 0.022414
 Predicted MDL: 0.000487
 Predicted MQL: 0.001623

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10480	.002	1
S1	.04000	.04721	.007	18.0	1.5979	.030	1
S3	1.2500	1.3141	.064	5.13	41.668	.537	1
S4	2.5000	2.5390	.039	1.56	80.429	1.81	1
S5	5.0000	4.8897	-.110	-2.21	154.83	2.80	1

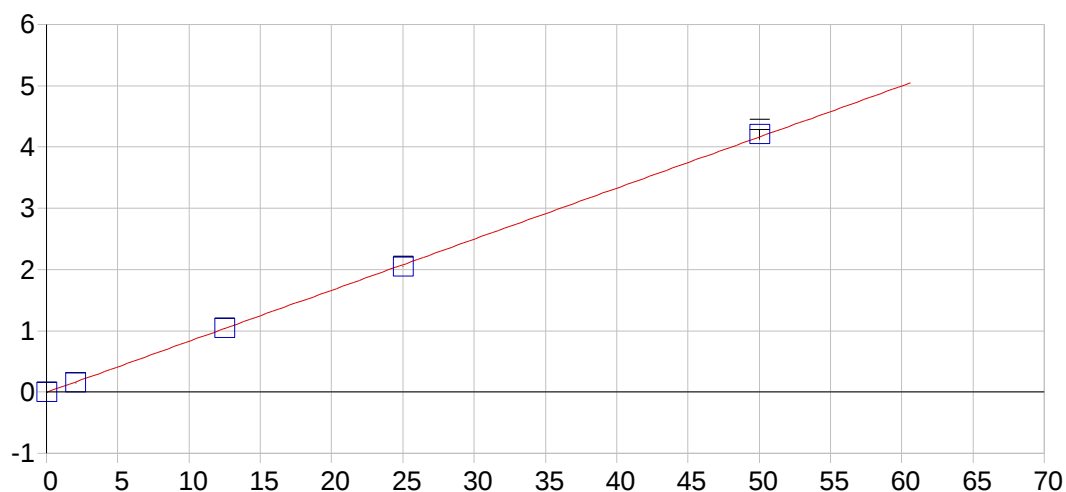


Zn 213.856 {458}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.207126 Re-Slope: 1.000000
 A1 (Gain): 81.599592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.033671
 Predicted MDL: 0.000094
 Predicted MQL: 0.000313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.20657	.009	1
S1	.04000	.04595	.006	14.9	3.9783	.033	1
S3	1.2500	1.2862	.036	2.89	105.77	1.10	1
S4	2.5000	2.5113	.011	.454	206.37	5.61	1
S5	5.0000	4.9465	-.053	-1.07	406.31	5.41	1



K 766.490 {44}

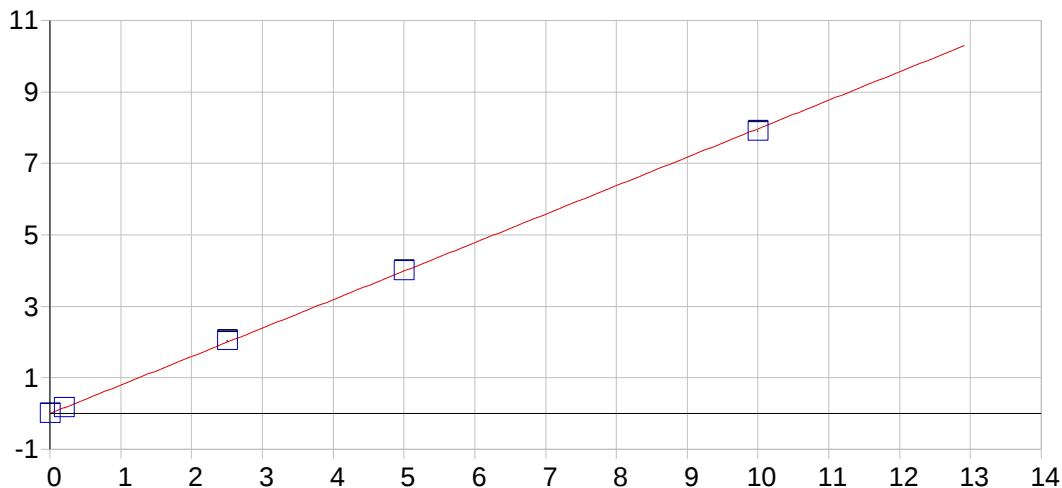
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004622 Re-Slope: 1.000000
 A1 (Gain): 0.083340 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876
 Std Error of Est: 0.000715
 Predicted MDL: 0.040229
 Predicted MQL: 0.134098

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8658	-.134	-6.71	.15087	.003	1
S0	.00000	.00014	.000	.000	-.00461	.001	1
S3	12.500	12.524	.024	.192	1.0391	.003	1
S4	25.000	24.573	-.427	-1.71	2.0433	.007	1
S5	50.000	50.537	.537	1.07	4.2071	.083	1



Mo 202.030 {467}

Date of Fit: 11/19/2018 11:38:05

Type of Fit: Linear

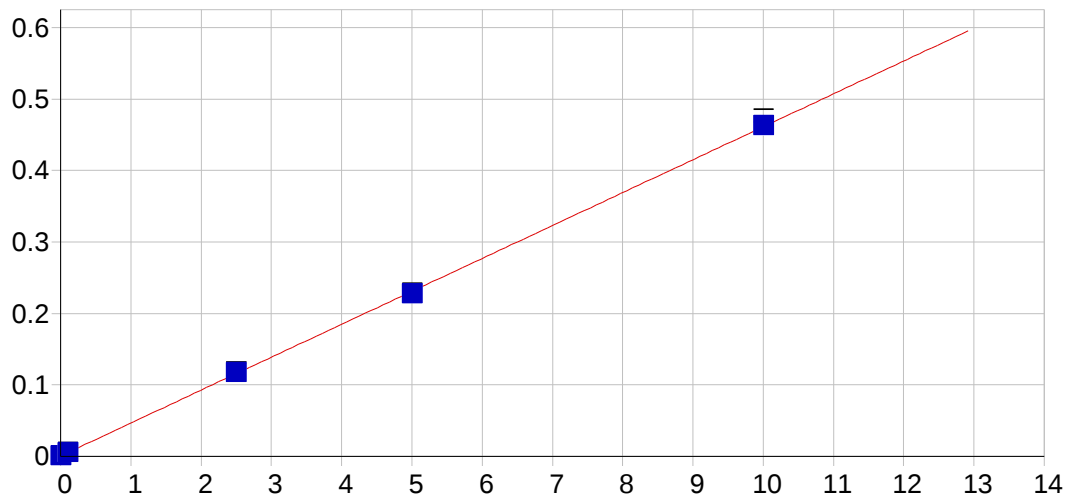
Weighting: 1/Conc

A0 (Offset): -0.000056
 A1 (Gain): 0.797106
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000830
 Predicted MDL: 0.000315
 Predicted MQL: 0.001051

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	-.00007	.000	1
S1	.20000	.21411	.014	7.06	.17061	.001	1
S3	2.5000	2.5574	.057	2.29	2.0384	.025	1
S4	5.0000	5.0209	.021	.418	4.0021	.006	1
S5	10.000	9.9076	-.092	-.924	7.8974	.018	1

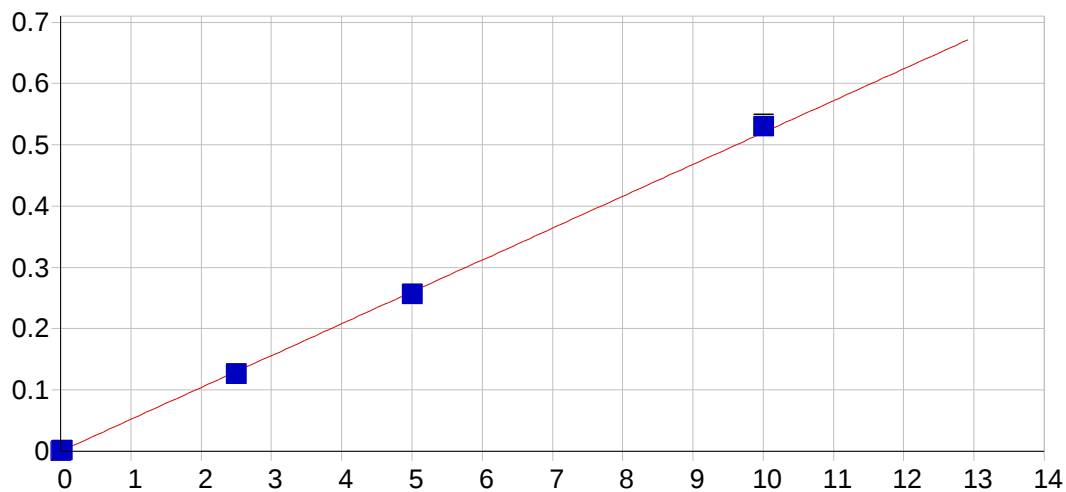


B 249.678 {135}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000645 Re-Slope: 1.000000
 A1 (Gain): 0.046063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.008458
 Predicted MQL: 0.028195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00065	.000	1
S1	.10000	.09540	-.005	-4.60	.00502	.000	1
S3	2.5000	2.5304	.030	1.22	.11693	.001	1
S4	5.0000	4.9320	-.068	-1.36	.22729	.001	1
S5	10.000	10.042	.042	.422	.46214	.009	1



S 182.034 {485}

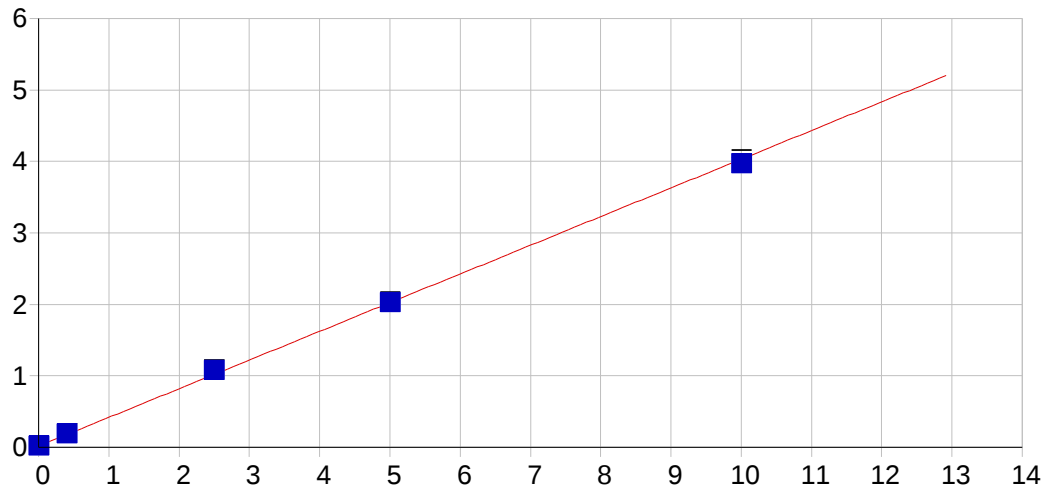
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.051982 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728
 Std Error of Est: 0.000029
 Predicted MDL: 0.003285
 Predicted MQL: 0.010949

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.02000	.01660	-.003	-17.0	.00099	.000	1
S3	2.5000	2.4046	-.095	-3.82	.12501	.001	1
S4	5.0000	4.9085	-.091	-1.83	.25502	.000	1
S5	10.000	10.190	.190	1.90	.52929	.004	1



Si 288.158 {117}

Date of Fit: 11/19/2018 11:38:05

Type of Fit: Linear

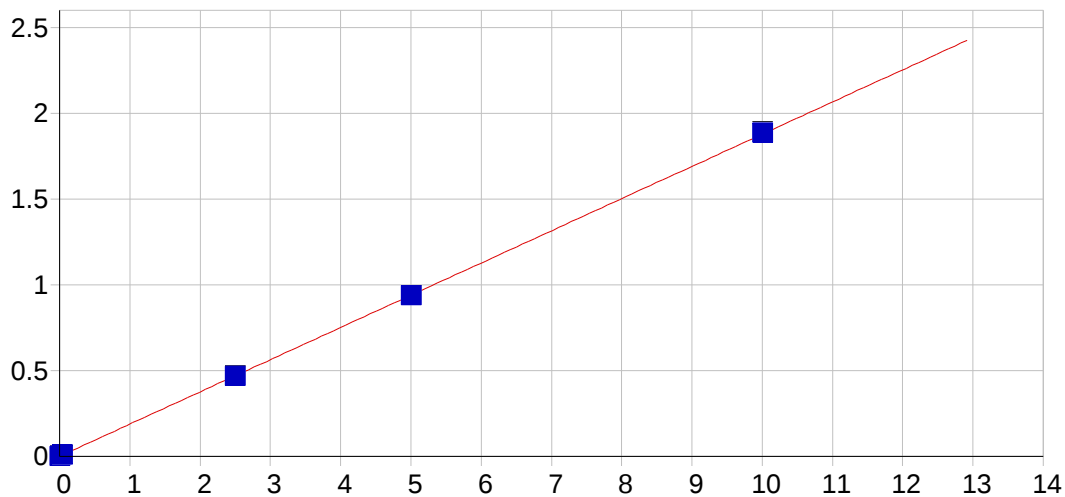
Weighting: 1/Conc

A0 (Offset): 0.016978
 A1 (Gain): 0.401396
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999654
 Std Error of Est: 0.001152
 Predicted MDL: 0.002904
 Predicted MQL: 0.009679

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	-.00005	-.000	.000	.01696	.001	1
S1	.40000	.43056	.031	7.64	.18967	.000	1
S3	2.5000	2.6368	.137	5.47	1.0748	.009	1
S4	5.0000	4.9918	-.008	-.164	2.0196	.008	1
S5	10.000	9.8409	-.159	-1.59	3.9649	.050	1

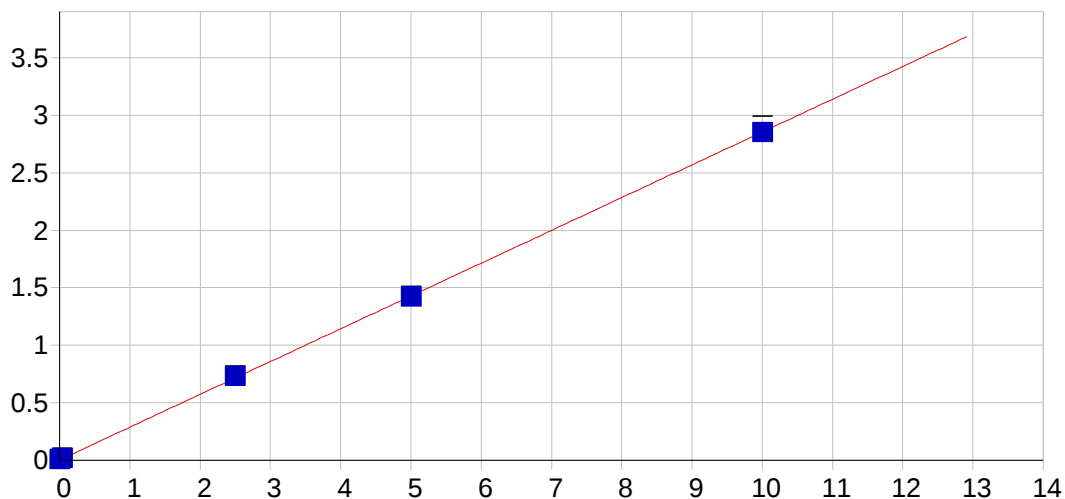


Sn 189.989 {477}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000655 Re-Slope: 1.000000
 A1 (Gain): 0.187719 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000812
 Predicted MQL: 0.002706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00065	.000	1
S1	.04000	.04324	.003	8.10	.00877	.000	1
S3	2.5000	2.4798	-.020	-.808	.46624	.004	1
S4	5.0000	4.9770	-.023	-.460	.93510	.000	1
S5	10.000	10.040	.040	.399	1.8857	.007	1



Ti 336.121 {100}

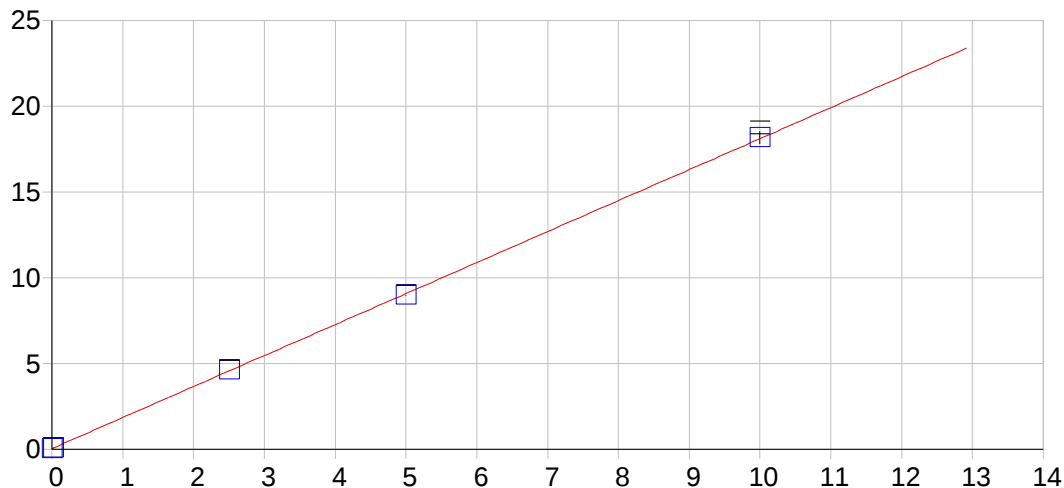
Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003274 Re-Slope: 1.000000
 A1 (Gain): 0.285028 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000079
 Predicted MDL: 0.002259
 Predicted MQL: 0.007529

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00327	.000	1
S1	.04000	.04409	.004	10.2	.01583	.001	1
S3	2.5000	2.5378	.038	1.51	.72652	.005	1
S4	5.0000	4.9742	-.026	-.517	1.4209	.002	1
S5	10.000	9.9840	-.016	-.160	2.8486	.054	1



Li 670.784 { 50}

Date of Fit: 11/19/2018 11:38:05

Type of Fit: Linear

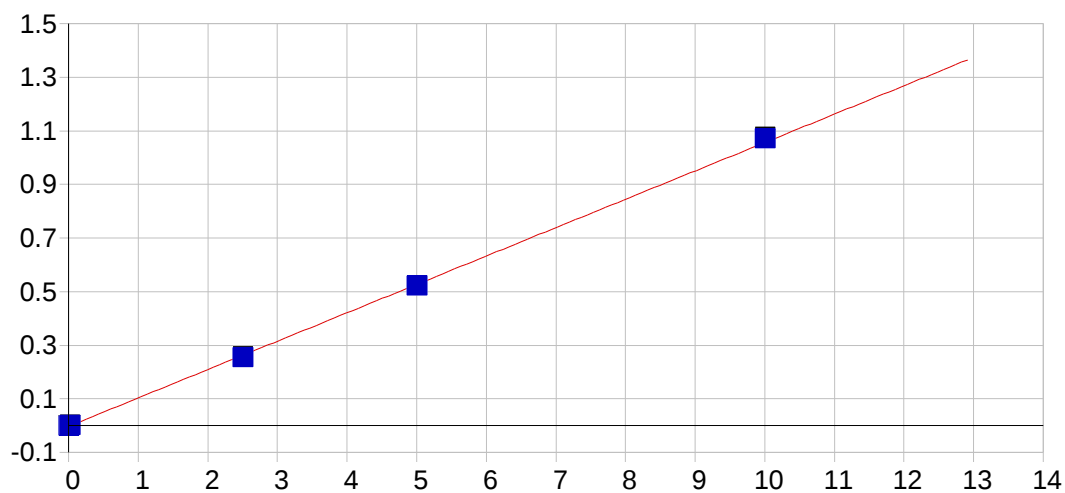
Weighting: 1/Conc

A0 (Offset): 0.044979
 A1 (Gain): 1.806984
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000477
 Predicted MDL: 0.001761
 Predicted MQL: 0.005869

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	.04499	.001	1
S1	.02000	.01532	-.005	-23.4	.07266	.002	1
S3	2.5000	2.5277	.028	1.11	4.6124	.012	1
S4	5.0000	4.9456	-.054	-1.09	8.9815	.013	1
S5	10.000	10.031	.031	.315	18.172	.363	1



P 177.495 {490}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002697 Re-Slope: 1.000000
 A1 (Gain): 0.105898 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001625
 Predicted MQL: 0.005416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00270	.000	1
S1	.02000	.01890	-.001	-5.48	-.00070	.000	1
S3	2.5000	2.4197	-.080	-3.21	.25316	.003	1
S4	5.0000	4.9413	-.059	-1.17	.51980	.000	1
S5	10.000	10.140	.140	1.40	1.0696	.004	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



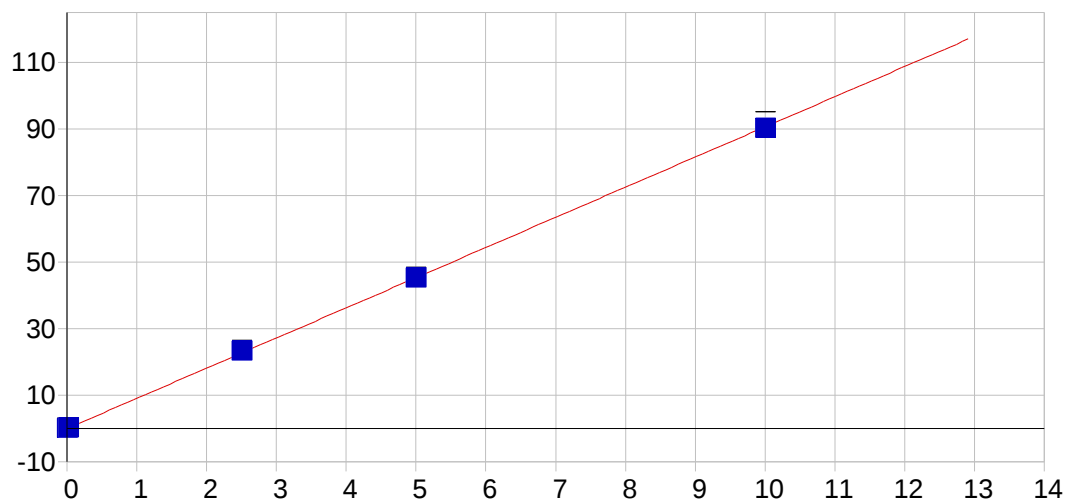




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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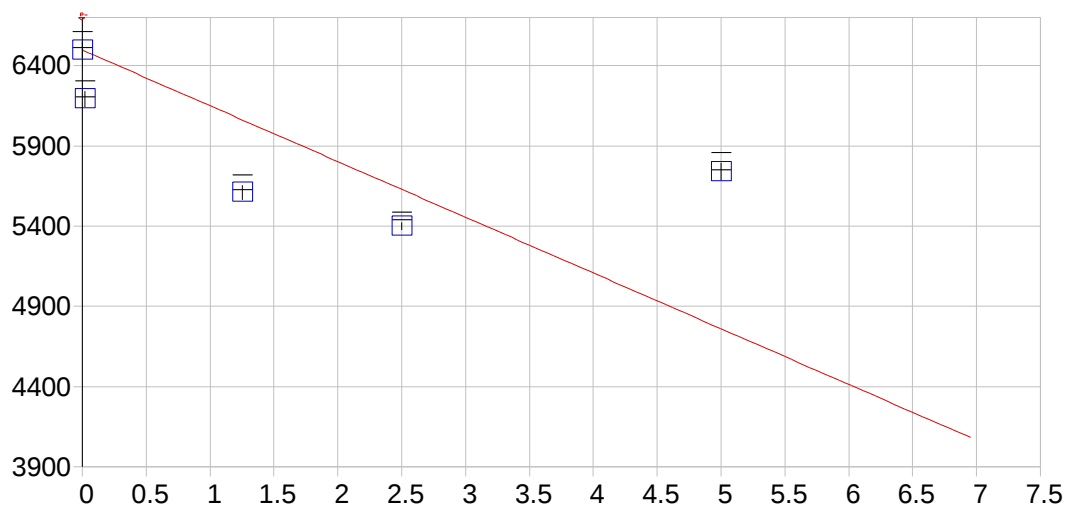


Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004211 Re-Slope: 1.000000
 A1 (Gain): 9.063697 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.002338
 Predicted MDL: 0.000127

Predicted MQL: 0.000424

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00423	.001	1
S1	.02000	.02131	.001	6.53	.18991	.002	1
S3	2.5000	2.5629	.063	2.51	23.250	.136	1
S4	5.0000	4.9924	-.008	-.152	45.295	.046	1
S5	10.000	9.9434	-.057	-.566	90.219	1.92	1

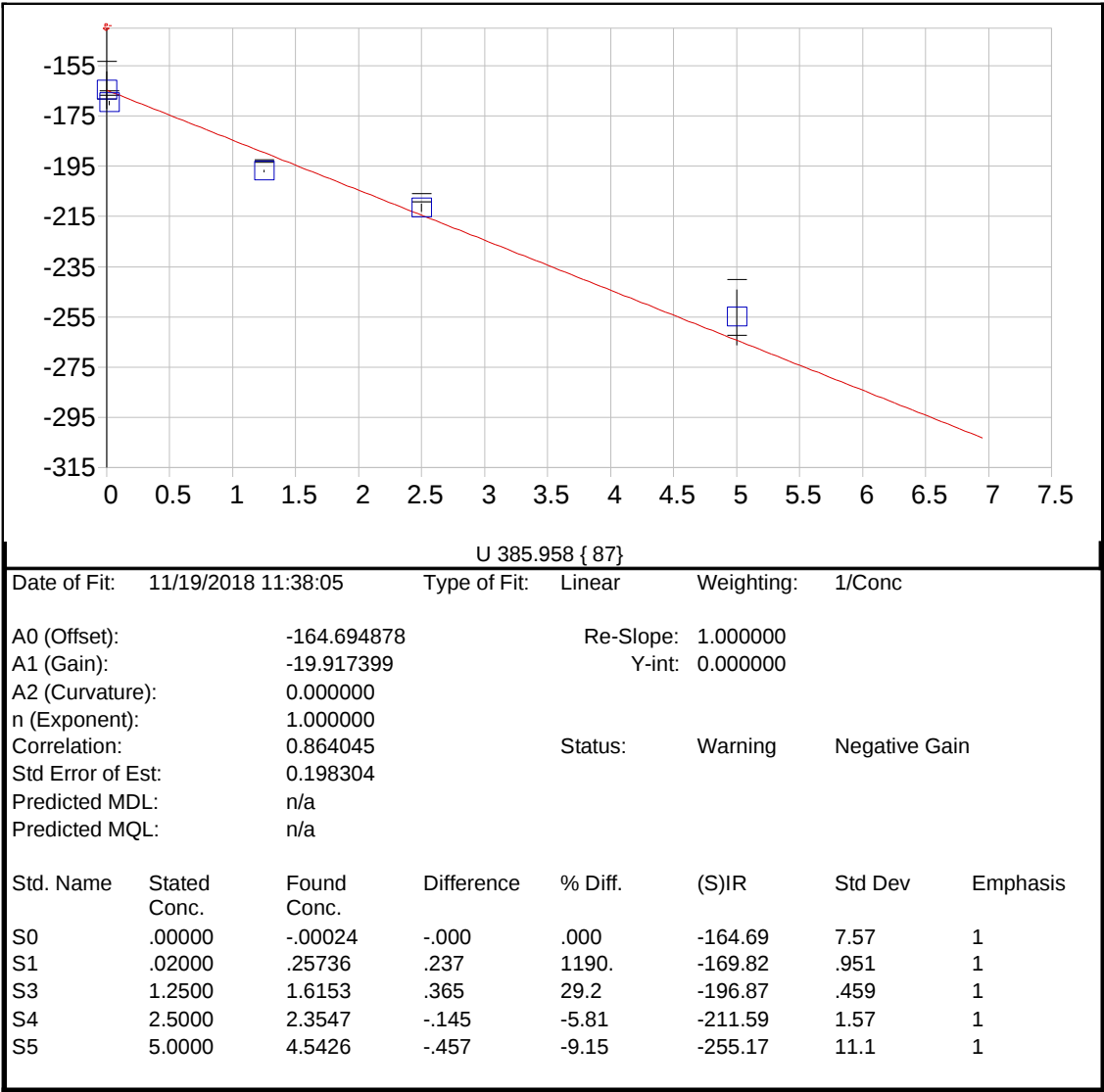


U 367.007 { 92}

Date of Fit: 11/19/2018 11:38:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 6496.913387 Re-Slope: 1.000000
A1 (Gain): -347.292935 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.424590 Status: Warning Negative Gain
Std Error of Est: 12.655176
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00087	-.001	.000	6497.2	49.4	1
S1	.02000	.87685	.857	4280.	6192.4	49.1	1
S3	1.2500	2.5563	1.31	105.	5609.1	47.4	1
S4	2.5000	3.1570	.657	26.3	5400.5	25.1	1
S5	5.0000	2.1798	-2.82	-56.4	5739.9	53.3	1



Sample Name: S0 Acquired: 11/19/2018 11:14:13 Type: Cal
Method: P4-ICP2(v2595) 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	.00014	-.00040	.00386	-.00032	.00042	-.00008	.06224	.00002
Stddev	.00005	.00011	.00013	.00024	.00008	.00009	.00034	.00002
%RSD	40.466	28.200	3.3856	74.137	18.154	116.75	.55162	126.74

#1	.00010	-.00032	.00376	-.00015	.00037	-.00014	.06249	.00000
#2	.00017	-.00048	.00395	-.00049	.00048	-.00001	.06200	.00004

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	-.00068	.00015	.00006	.00015	-.00037	-.01019	.00019	.00002
Stddev	.00007	.00055	.00001	.00010	.00014	.00196	.00000	.00015
%RSD	10.835	373.03	19.569	64.503	37.001	19.217	2.4289	716.17

#1	-.00063	-.00024	.00005	.00008	-.00028	-.00880	.00019	-.00009
#2	-.00073	.00054	.00007	.00023	-.00047	-.01157	.00019	.00013

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	-.00591	.00010	.05400	.00001	.20657	-.00461	-.00007	.00065
Stddev	.00043	.00000	.00007	.00000	.00904	.00103	.00001	.00029
%RSD	7.3025	.89247	.12191	42.897	4.3744	22.301	8.5311	45.073

#1	-.00560	.00010	.05404	.00001	.21296	-.00388	-.00007	.00085
#2	-.00621	.00010	.05395	.00001	.20018	-.00534	-.00007	.00044

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	.00016	.01696	.00065	.00327	.04499	-.0027	-.00423	6497.2
Stddev	.00001	.00062	.00014	.00009	.00084	.0000	.00062	49.4
%RSD	4.8934	3.6524	21.202	2.8169	1.8757	1.400	14.705	.75967

#1	.00015	.01740	.00075	.00334	.04439	-.0027	-.00467	6462.3
#2	.00016	.01652	.00056	.00321	.04558	-.0027	-.00379	6532.1

Sample Name: S0 Acquired: 11/19/2018 11:14:13 Type: Cal
Method: P4-ICP2(v2595) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-164.69
Stddev	7.57
%RSD	4.5974

#1	-159.34
#2	-170.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.0	49109.	4701.4	111.57	3756.7
Stddev	11.3	390.	17.5	1.12	11.1
%RSD	.31979	.79359	.37259	1.0054	.29672

#1	3512.0	48834.	4689.1	110.78	3748.8
#2	3527.9	49385.	4713.8	112.36	3764.6

Sample Name: S1 Acquired: 11/19/2018 11:18:13 Type: Cal
Method: P4-ICP2(v2595) 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	.00136	.00667	.00720	.00129	.00869	.00079	.56394	.00667
Stddev	.00006	.00013	.00009	.00002	.00009	.00009	.00002	.00006
%RSD	4.3210	2.0132	1.2404	1.8582	.98949	11.084	.00291	.82637

#1	.00141	.00658	.00727	.00131	.00875	.00073	.56393	.00663
#2	.00132	.00677	.00714	.00127	.00863	.00086	.56395	.00671

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	.01975	.00201	.03985	.01507	.14034	.03142	.02395	.00206
Stddev	.00005	.00011	.00011	.00014	.00218	.00024	.00030	.00001
%RSD	.24207	5.5869	.26394	.91611	1.5538	.75235	1.2646	.42725

#1	.01979	.00193	.03978	.01497	.13879	.03126	.02373	.00206
#2	.01972	.00209	.03993	.01517	.14188	.03159	.02416	.00207

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01013	3.9783	.17061	.00502	.00099	.18967	.00877	.01583
Stddev	.00019	.0330	.00055	.00045	.00013	.00011	.00004	.00085
%RSD	1.8721	.82850	.32311	8.9018	12.805	.06011	.43237	5.3724

#1	.01000	3.9550	.17023	.00470	.00108	.18975	.00880	.01644
#2	.01027	4.0016	.17100	.00534	.00090	.18959	.00874	.01523

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07266	-.0007	.18991	6192.4	-169.82
Stddev	.00178	.0001	.00208	49.1	.95
%RSD	2.4435	15.77	1.0936	.79359	.55987

#1	.07391	-.0008	.19137	6227.1	-169.15
#2	.07140	-.0006	.18844	6157.6	-170.49

Sample Name: S1 Acquired: 11/19/2018 11:18:13 Type: Cal
Method: P4-ICP2(v2595) 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	3463.2	48370.	4628.5	109.20	3667.6
Stddev	17.3	282.	39.4	.10	10.1
%RSD	.49829	.58280	.85081	.09271	.27519
#1	3451.0	48569.	4600.6	109.28	3660.4
#2	3475.4	48170.	4656.3	109.13	3674.7

Sample Name: S2 Acquired: 11/19/2018 11:22:42 Type: Cal
Method: P4-ICP2(v2595) 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	.07967	.01773	.62436	.15087
Stddev	.00226	.00034	.00652	.00290
%RSD	2.8412	1.9088	1.0446	1.9209

#1	.07807	.01749	.61975	.14882
#2	.08127	.01797	.62897	.15292

Int. Std.	Y_3710
Units	Cts/S
Avg	4760.5
Stddev	7.6
%RSD	.16011

#1	4765.9
#2	4755.1

Sample Name: S3 Acquired: 11/19/2018 11:26:39 Type: Cal
Method: P4-ICP2(v2595) 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	.14951	.41727	.72840	.17853	.37305	.03647	23.059	.13090
Stddev	.00139	.00354	.00952	.00214	.00428	.00004	.028	.00016
%RSD	.93106	.84781	1.3072	1.2000	1.1466	.11629	.12062	.12561

#1	.15050	.41977	.73513	.18004	.37607	.03650	23.078	.13078
#2	.14853	.41477	.72167	.17701	.37002	.03644	23.039	.13101

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	4.2246	.48758	.09064	1.4690	.43803	3.7154	1.7334	.10790
Stddev	.0506	.00297	.00057	.0194	.00534	.0061	.0059	.00038
%RSD	1.1980	.60871	.62867	1.3204	1.2186	.16334	.34269	.35215

#1	4.2604	.48548	.09105	1.4827	.44180	3.7111	1.7376	.10817
#2	4.1888	.48968	.09024	1.4553	.43425	3.7197	1.7292	.10763

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	.83204	.12105	3.5780	.28390	105.77	1.0391	2.0384	.11693
Stddev	.00970	.00057	.0042	.00083	1.10	.0032	.0253	.00118
%RSD	1.1658	.46721	.11647	.29149	1.0391	.30456	1.2414	1.0050

#1	.83890	.12145	3.5750	.28449	105.00	1.0369	2.0563	.11610
#2	.82518	.12065	3.5809	.28332	106.55	1.0414	2.0205	.11776

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	.12501	1.0748	.46624	.72652	4.6124	.2532	23.250	5609.1
Stddev	.00115	.0088	.00409	.00545	.0116	.0027	.136	47.4
%RSD	.91837	.81373	.87708	.74997	.25064	1.049	.58534	.84427

#1	.12582	1.0687	.46913	.73037	4.6043	.2550	23.153	5575.6
#2	.12420	1.0810	.46335	.72267	4.6206	.2513	23.346	5642.6

Sample Name: S3 Acquired: 11/19/2018 11:26:39 Type: Cal
Method: P4-ICP2(v2595) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-196.87
Stddev	.46
%RSD	.23339

#1	-197.19
#2	-196.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3351.1	46635.	4616.8	106.11	3401.8
Stddev	43.8	278.	17.7	1.08	45.4
%RSD	1.3063	.59628	.38297	1.0198	1.3341

#1	3320.2	46438.	4629.3	106.87	3369.7
#2	3382.1	46831.	4604.3	105.34	3433.9

Sample Name: S4 Acquired: 11/19/2018 11:30:26 Type: Cal
Method: P4-ICP2(v2595) 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	.29645	.82838	1.4518	.35402	.73981	.07194	44.825	.25464
Stddev	.00112	.00092	.0032	.00004	.00264	.00021	.144	.00042
%RSD	.37747	.11128	.22367	.01257	.35663	.29203	.32034	.16470
#1	.29724	.82773	1.4541	.35406	.74168	.07209	44.927	.25493
#2	.29566	.82903	1.4495	.35399	.73794	.07180	44.724	.25434
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	8.4870	.93563	.17401	2.9315	.84991	7.3540	3.3283	.20737
Stddev	.0155	.00109	.00014	.0004	.00289	.2093	.0054	.00014
%RSD	.18216	.11675	.08128	.01477	.33973	2.8456	.16311	.06988
#1	8.4979	.93486	.17391	2.9318	.85195	7.2060	3.3321	.20727
#2	8.4760	.93640	.17411	2.9311	.84787	7.5019	3.3245	.20747
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	1.6499	.23306	6.8962	.54882	206.37	2.0433	4.0021	.22729
Stddev	.0031	.00026	.0218	.00016	5.61	.0075	.0059	.00061
%RSD	.18975	.11153	.31588	.02895	2.7184	.36538	.14780	.26835
#1	1.6521	.23287	6.9116	.54870	202.40	2.0486	4.0063	.22686
#2	1.6477	.23324	6.8808	.54893	210.33	2.0380	3.9979	.22772
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	.25502	2.0196	.93510	1.4209	8.9815	.5198	45.295	5400.5
Stddev	.00027	.0085	.00030	.0018	.0129	.0004	.046	25.1
%RSD	.10615	.41916	.03187	.12343	.14302	.0698	.10119	.46471
#1	.25483	2.0136	.93489	1.4221	8.9906	.5201	45.328	5382.7
#2	.25521	2.0256	.93531	1.4196	8.9724	.5195	45.263	5418.2

Sample Name: S4 Acquired: 11/19/2018 11:30:26 Type: Cal
Method: P4-ICP2(v2595) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-211.59
Stddev	1.57
%RSD	.74383

#1	-212.71
#2	-210.48

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3261.8	45708.	4582.1	103.30	3216.7
Stddev	13.8	89.	5.9	2.61	11.0
%RSD	.42179	.19577	.12900	2.5303	.34094

#1	3252.1	45644.	4577.9	105.15	3208.9
#2	3271.6	45771.	4586.3	101.45	3224.5

Sample Name: S5 Acquired: 11/19/2018 11:34:12 Type: Cal
Method: P4-ICP2(v2595) 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	.59394	1.6342	2.9128	.70402	1.4777	.13399	90.626	.45440
Stddev	.00121	.0077	.0107	.00096	.0004	.00151	1.315	.00520
%RSD	.20374	.47024	.36626	.13681	.02631	1.1260	1.4513	1.1450

#1	.59309	1.6288	2.9053	.70334	1.4780	.13506	91.556	.45808
#2	.59480	1.6396	2.9204	.70470	1.4774	.13293	89.696	.45072

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	17.109	1.8831	.30919	5.9216	1.6582	14.623	5.8827	.41850
Stddev	.070	.0414	.00363	.0255	.0040	.336	.0736	.00922
%RSD	.40933	2.1989	1.1756	.43128	.24096	2.2950	1.2511	2.2028

#1	17.060	1.9124	.31176	5.9035	1.6554	14.861	5.9348	.42502
#2	17.159	1.8538	.30662	5.9397	1.6610	14.386	5.8307	.41199

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3165	.42102	13.947	.98254	406.31	4.2071	7.8974	.46214
Stddev	.0181	.00528	.270	.01117	5.41	.0828	.0179	.00896
%RSD	.54723	1.2550	1.9393	1.1364	1.3306	1.9681	.22606	1.9395

#1	3.3036	.42476	14.138	.99044	410.13	4.2657	7.8847	.46848
#2	3.3293	.41729	13.756	.97465	402.49	4.1486	7.9100	.45580

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	.52929	3.9649	1.8857	2.8486	18.172	1.070	90.219	5739.9
Stddev	.00365	.0504	.0072	.0538	.363	.004	1.923	53.3
%RSD	.69049	1.2709	.37959	1.8874	1.9952	.4017	2.1316	.92801

#1	.52670	4.0006	1.8806	2.8866	18.428	1.067	91.579	5702.2
#2	.53187	3.9293	1.8907	2.8106	17.915	1.073	88.860	5777.6

Sample Name: S5 Acquired: 11/19/2018 11:34:12 Type: Cal
Method: P4-ICP2(v2595) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-255.17
Stddev	11.06
%RSD	4.3353

#1	-262.99
#2	-247.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.1	48851.	4499.9	101.17	3056.8
Stddev	7.8	477.	74.4	1.16	15.1
%RSD	.24537	.97644	1.6541	1.1476	.49450

#1	3198.7	48513.	4447.2	100.34	3067.5
#2	3187.6	49188.	4552.5	101.99	3046.1

Sample Name: ICV01 Acquired: 11/19/2018 11:47:02 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0084	1.0275	.99160	1.0046	.99695	F 2.6490	.50251
Stddev	.0104	.0104	.01282	.0093	.01338	.0642	.01108
%RSD	1.0289	1.0073	1.2928	.92427	1.3416	2.4234	2.2050

#1	1.0158	1.0348	1.0007	1.0111	1.0064	2.6036	.49467
#2	1.0011	1.0202	.98254	.99801	.98749	2.6944	.51034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50683	.48052	10.286	F .51654	.49379	.50298	F 4.7508
Stddev	.01464	.00569	.252	.01484	.00531	.00750	.0219
%RSD	2.8877	1.1839	2.4495	2.8732	1.0750	1.4918	.46022

#1	.49648	.48454	10.107	.50604	.49755	.50828	4.7354
#2	.51718	.47650	10.464	.52703	.49004	.49767	4.7663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .47020	5.8851	.49412	.51886	9.7413	.51610	.98349
Stddev	.01304	.1177	.00514	.01331	.2021	.01365	.00428
%RSD	2.7726	2.0000	1.0394	2.5656	2.0750	2.6444	.43517

#1	.46098	5.8019	.49776	.50945	9.5984	.50645	.98046
#2	.47942	5.9683	.49049	.52827	9.8843	.52575	.98652

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6722	F 2.6582	2.5916	F .00730	2.5198	2.5590	2.6187
Stddev	.1170	.0264	.0571	.00376	.0455	.0328	.0351
%RSD	1.2099	.99296	2.2050	51.551	1.8058	1.2839	1.3403

#1	9.5894	2.6769	2.5512	.00464	2.4877	2.5822	2.5939
#2	9.7549	2.6396	2.6320	.00997	2.5520	2.5358	2.6435

Sample Name: ICV01 Acquired: 11/19/2018 11:47:02 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00599	F .0007	F .00823	F 3.1819	F 2.0820
Stddev	.00090	.0007	.00020	.2958	.3404
%RSD	15.096	88.73	2.3781	9.2977	16.350

#1	-.00662	.0012	.00809	2.9727	1.8413
#2	-.00535	.0003	.00837	3.3911	2.3227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.9	47246.	4661.5	109.81	3444.3
Stddev	40.2	1195.	94.9	.53	41.5
%RSD	1.2234	2.5298	2.0361	.48580	1.2063

#1	3261.4	48091.	4728.7	110.19	3415.0
#2	3318.4	46401.	4594.4	109.43	3473.7

Sample Name: LLICV01 Acquired: 11/19/2018 12:22:59 Type: Unk
Method: P4-ICP2(v2595) 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	.02033	.04250	.01010	.02095	.05691	.11989	.11017	.00672
Stddev	.00448	.00065	.00215	.00158	.00220	.00088	.00141	.00009
%RSD	22.021	1.5191	21.318	7.5205	3.8745	.73115	1.2843	1.2908
#1	.02349	.04295	.01163	.01983	.05847	.11927	.10916	.00666
#2	.01716	.04204	.00858	.02206	.05535	.12051	.11117	.00678
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00577	2.2343	.01069	.03263	.02273	.09696	.02086	2.0982
Stddev	.00006	.0301	.00001	.00045	.00019	.00271	.00014	.1224
%RSD	.97211	1.3449	.11723	1.3816	.82175	2.7965	.68103	5.8356
#1	.00581	2.2130	.01068	.03295	.02259	.09504	.02076	2.0116
#2	.00573	2.2555	.01070	.03231	.02286	.09888	.02096	2.1848
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04230	.01066	1.9839	.04551	.04723	1.8722	.20753	.09127
Stddev	.00072	.00050	.0093	.00004	.00020	.0096	.00201	.00530
%RSD	1.7102	4.6714	.46752	.08280	.42013	.51377	.96919	5.8091
#1	.04281	.01102	1.9904	.04553	.04737	1.8654	.20895	.08752
#2	.04179	.01031	1.9773	.04548	.04709	1.8790	.20611	.09502
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01863	.41511	.04015	.04340	F .01005	.0178	.02199	F 4.5045
Stddev	.00313	.00445	.00037	.00191	.00124	.0007	.00008	.2011
%RSD	16.824	1.0717	.92351	4.4084	12.367	3.774	.37917	4.4652
#1	.01641	.41197	.03989	.04475	.01093	.0173	.02193	4.3622
#2	.02084	.41826	.04042	.04204	.00917	.0182	.02205	4.6467

Sample Name: LLICV01 Acquired: 11/19/2018 12:22:59 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .17976
Stddev	.57128
%RSD	317.80

#1	-.22419
#2	.58372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3270.4	46240.	4478.8	103.71	3547.7
Stddev	51.4	201.	4.8	.27	53.1
%RSD	1.5716	.43435	.10714	.25569	1.4960

#1	3234.0	46382.	4482.2	103.52	3510.2
#2	3306.7	46098.	4475.4	103.89	3585.2

Sample Name: ICB01 Acquired: 11/19/2018 12:27:02 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00223	-.00320	.00040	.00280	-.00610	.00183
Stddev	.00114	.00018	.00051	.00008	.00040	.00010	.00059
%RSD	156.37	8.0712	15.845	20.413	14.280	1.6246	32.100

#1	-.00153	-.00210	-.00356	.00034	.00252	-.00617	.00224
#2	.00008	-.00236	-.00284	.00045	.00308	-.00603	.00141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00002	.01170	.00022	-.00017	-.00001	.00427
Stddev	.00004	.00007	.00515	.00052	.00018	.00043	.00254
%RSD	68.640	272.20	44.024	236.57	105.46	3329.6	59.573

#1	.00009	.00002	.00806	.00058	-.00004	.00029	.00247
#2	.00003	-.00007	.01534	-.00015	-.00030	-.00031	.00606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03249	-.00055	.00022	-.09600	-.00043	-.00194
Stddev	.00001	.03164	.00048	.00008	.00733	.00042	.00002
%RSD	60.980	97.370	87.594	36.096	7.6394	97.980	.97662

#1	-.00001	-.05486	-.00021	.00016	-.09081	-.00073	-.00195
#2	-.00001	-.01012	-.00089	.00027	-.10118	-.00013	-.00192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.24473	.00027	-.00592	-.00225	.00009	-.00088	-.00102
Stddev	.01977	.00024	.01715	.00268	.00070	.00050	.00144
%RSD	8.0769	89.944	289.54	119.17	787.20	57.111	141.18

#1	-.25870	.00010	.00620	-.00035	-.00041	-.00052	-.00204
#2	-.23075	.00044	-.01805	-.00414	.00058	-.00123	-.00000

Sample Name: ICB01 Acquired: 11/19/2018 12:27:02 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01132	-.0027	-.00019	F 4.0087	F .47508
Stddev	.00021	.0007	.00008	.2081	.31293
%RSD	1.8201	23.94	42.198	5.1901	65.868

#1	-.01118	-.0023	-.00014	3.8616	.25380
#2	-.01147	-.0032	-.00025	4.1559	.69635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.1	47224.	4524.7	105.82	3582.7
Stddev	9.4	627.	24.3	2.74	3.6
%RSD	.28714	1.3272	.53660	2.5909	.10149

#1	3269.5	47667.	4541.9	103.88	3580.1
#2	3282.8	46781.	4507.6	107.76	3585.2

Sample Name: CRI01 Acquired: 11/19/2018 12:31:06 Type: Unk
Method: P4-ICP2(v2595) 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	.02176	.04227	.00845	.02100	.05548	.11872	.11032	.00662
Stddev	.00256	.00083	.00065	.00024	.00094	.00963	.00198	.00006
%RSD	11.747	1.9674	7.7408	1.1265	1.6871	8.1144	1.7920	.97991
#1	.01995	.04168	.00798	.02117	.05481	.12553	.10892	.00658
#2	.02357	.04286	.00891	.02084	.05614	.11191	.11172	.00667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	2.2094	.01072	.03229	.02213	.10295	.02083	2.1499
Stddev	.00012	.0215	.00027	.00090	.00107	.00087	.00031	.0095
%RSD	2.1282	.97100	2.4943	2.7996	4.8410	.84338	1.4807	.44167
#1	.00570	2.1943	.01091	.03165	.02137	.10356	.02061	2.1566
#2	.00587	2.2246	.01054	.03293	.02289	.10234	.02105	2.1431
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04146	.01031	1.9747	.04511	.04551	1.8240	.20345	.09616
Stddev	.00054	.00087	.0167	.00074	.00045	.0464	.00449	.01079
%RSD	1.2904	8.4266	.84383	1.6491	.98826	2.5444	2.2061	11.221
#1	.04108	.00969	1.9629	.04458	.04519	1.7912	.20027	.10379
#2	.04184	.01092	1.9865	.04563	.04583	1.8568	.20662	.08853
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01885	.40616	.03995	.04347	F .00850	.0170	.02182	F 4.1442
Stddev	.00231	.00258	.00155	.00103	.00053	.0004	.00045	.0721
%RSD	12.237	.63636	3.8758	2.3595	6.1960	2.596	2.0540	1.7399
#1	.01722	.40433	.03885	.04419	.00813	.0173	.02150	4.0932
#2	.02048	.40799	.04104	.04274	.00887	.0167	.02214	4.1952

Sample Name: CRI01 Acquired: 11/19/2018 12:31:06 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .87820
Stddev .35244
%RSD 40.132

#1 1.1274
#2 .62899

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.1	46847.	4532.8	107.16	3576.9
Stddev	50.7	296.	35.4	1.26	63.0
%RSD	1.5391	.63236	.78176	1.1713	1.7605

#1	3331.9	47056.	4557.9	108.05	3621.4
#2	3260.2	46637.	4507.7	106.27	3532.3

Sample Name: ICSA01 Acquired: 11/19/2018 12:40:38 Type: Unk
Method: P4-ICP2(v2595) 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	-.00271	-.01228	-.00517	-.01761	.00557	294.98	.00807	.00042
Stddev	.00009	.00168	.00022	.00050	.00032	11.09	.00002	.00002
%RSD	3.4368	13.675	4.3077	2.8384	5.7704	3.7591	.19373	5.6298
#1	-.00265	-.01109	-.00501	-.01726	.00534	302.82	.00808	.00040
#2	-.00278	-.01347	-.00533	-.01797	.00580	287.14	.00806	.00044
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	267.54	.05912	-.00064	-.00698	99.295	.01778	262.49
Stddev	.00010	3.28	.00310	.00017	.00104	2.427	.00103	4.13
%RSD	21.714	1.2275	5.2421	25.924	14.913	2.4442	5.7857	1.5746
#1	-.00039	265.22	.06131	-.00076	-.00624	97.579	.01850	259.56
#2	-.00054	269.87	.05693	-.00052	-.00771	101.01	.01705	265.41
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00860	-.00548	.31637	.00094	-.00069	-.23603	-.00006	-.03309
Stddev	.00120	.00086	.01553	.00084	.00003	.00042	.00016	.01206
%RSD	13.934	15.706	4.9097	89.411	4.1648	.17789	262.51	36.438
#1	-.00776	-.00609	.30538	.00154	-.00071	-.23632	.00005	-.02456
#2	-.00945	-.00488	.32735	.00035	-.00067	-.23573	-.00018	-.04161
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .14221	.01102	.00521	-.00117	-.00683	-.0014	.00563	F 6.5486
Stddev	.00223	.00047	.00029	.00162	.00017	.0045	.00124	.6555
%RSD	1.5676	4.2708	5.6251	138.59	2.4535	312.3	22.050	10.010
#1	.14063	.01069	.00541	-.00232	-.00671	.0017	.00651	7.0121
#2	.14379	.01135	.00500	-.00002	-.00695	-.0046	.00475	6.0851

Sample Name: ICSA01 Acquired: 11/19/2018 12:40:38 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4859
Stddev	.3263
%RSD	9.3622

#1	3.7166
#2	3.2551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.0	39555.	4268.8	94.232	2795.7
Stddev	11.4	1950.	21.0	1.499	15.4
%RSD	.39737	4.9304	.49161	1.5908	.55206

#1	2883.1	38176.	4283.7	95.292	2806.6
#2	2866.9	40934.	4254.0	93.172	2784.8

Sample Name: ICSAB01 Acquired: 11/19/2018 12:48:52 Type: Unk
Method: P4-ICP2(v2595) 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	.10993	.09912	.05046	.03607	.69003	295.40	.57937	.58865
Stddev	.00008	.00163	.00145	.00267	.00804	1.39	.00740	.00294
%RSD	.07261	1.6436	2.8658	7.4149	1.1656	.47149	1.2781	.49864

#1	.10987	.09797	.04944	.03417	.68434	296.39	.58461	.59072
#2	.10998	.10027	.05148	.03796	.69571	294.42	.57414	.58657

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0695	272.40	.60531	.54328	.53467	101.95	.52996	267.20
Stddev	.0084	2.35	.00060	.00650	.00443	2.17	.00076	2.13
%RSD	.78535	.86282	.09935	1.1956	.82799	2.1268	.14399	.79605

#1	1.0636	274.06	.60489	.53868	.53154	103.48	.53050	268.70
#2	1.0755	270.74	.60574	.54787	.53780	100.41	.52942	265.69

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0431	.23218	-.00893	.55841	1.1023	-.01671	F .32299	F .27795
Stddev	.0107	.00217	.00278	.00142	.0265	.01425	.00387	.01414
%RSD	1.0306	.93612	31.150	.25407	2.4026	85.287	1.1982	5.0885

#1	1.0355	.23372	-.00696	.55941	1.1210	-.00663	.32025	.28795
#2	1.0508	.23064	-.01090	.55740	1.0836	-.02679	.32572	.26795

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	.30083	F .33265	F .33741	-.00345	F .0065	F .00699	F 6.1624
Stddev	.00437	.00823	.00244	.00126	.00061	.0014	.00109	.0263
%RSD	226.58	2.7371	.73425	.37415	17.798	21.06	15.598	.42721

#1	-.00116	.30665	.33092	.33830	-.00301	.0074	.00622	6.1437
#2	.00502	.29500	.33437	.33652	-.00388	.0055	.00776	6.1810

Sample Name: ICSAB01 Acquired: 11/19/2018 12:48:52 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.0680
 Stddev .1504
 %RSD 4.9022

#1 3.1744
 #2 2.9617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.6	40883.	4317.3	94.997	2775.9
Stddev	17.7	105.	34.3	2.277	19.9
%RSD	.61642	.25783	.79359	2.3966	.71639

#1	2876.1	40809.	4293.1	93.387	2789.9
#2	2851.1	40958.	4341.5	96.607	2761.8

Sample Name: CCV01 Acquired: 11/19/2018 12:52:50 Type: Unk
Method: P4-ICP2(v2595) 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	5.1912	4.9188	5.0126	4.9862	5.1292	10.430	10.251	.25669
Stddev	.0006	.0127	.0182	.0034	.0015	.095	.356	.00072
%RSD	.01052	.25817	.36327	.06906	.02853	.91347	3.4721	.28033
#1	5.1916	4.9278	5.0255	4.9837	5.1282	10.497	10.503	.25720
#2	5.1908	4.9098	4.9998	4.9886	5.1303	10.363	9.9997	.25618
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4427	F 26.685	1.0124	2.4767	1.2551	5.0644	2.4805	24.912
Stddev	.0041	1.029	.0012	.0020	.0001	.2383	.0001	.841
%RSD	.16784	3.8552	.11537	.08089	.01023	4.7051	.00318	3.3759
#1	2.4456	27.413	1.0132	2.4782	1.2550	5.2329	2.4806	25.507
#2	2.4398	25.958	1.0116	2.4753	1.2552	4.8959	2.4805	24.317
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4192	1.2888	24.605	2.5527	F 2.6400	25.578	4.9297	4.9923
Stddev	.0045	.0046	.785	.0007	.1041	.867	.0027	.1798
%RSD	.18541	.35310	3.1900	.02904	3.9433	3.3895	.05494	3.6015
#1	2.4224	1.2920	25.160	2.5521	2.7137	26.191	4.9316	5.1194
#2	2.4160	1.2855	24.050	2.5532	2.5664	24.965	4.9277	4.8651
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.6962	4.9686	4.8902	5.0376	5.1083	4.876	F 5.3691	F 5.5777
Stddev	.0114	.1047	.0033	.1866	.1793	.019	.2049	.2204
%RSD	.24303	2.1064	.06706	3.7043	3.5104	.3946	3.8156	3.9523
#1	4.7042	5.0426	4.8879	5.1696	5.2351	4.890	5.5139	5.4218
#2	4.6881	4.8946	4.8925	4.9057	4.9815	4.863	5.2242	5.7335

Sample Name: CCV01 Acquired: 11/19/2018 12:52:50 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8346
Stddev	.5169
%RSD	18.236

#1	3.2001
#2	2.4690

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.9	44204.	4365.2	97.270	3176.6
Stddev	.7	113.	124.9	3.845	2.2
%RSD	.02281	.25536	2.8605	3.9525	.06791

#1	3146.4	44283.	4276.9	94.552	3175.0
#2	3145.4	44124.	4453.5	99.989	3178.1

Sample Name: LLCCV01 Acquired: 11/19/2018 13:09:22 Type: Unk
Method: P4-ICP2(v2595) 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	.01968	.04401	.01256	.02243	.05771	.11564	.11003	.00650
Stddev	.00279	.00053	.00091	.00167	.00057	.01191	.00277	.00000
%RSD	14.158	1.1982	7.2355	7.4436	.98358	10.295	2.5176	.03725
#1	.01771	.04439	.01320	.02125	.05812	.10723	.11199	.00650
#2	.02166	.04364	.01191	.02361	.05731	.12406	.10807	.00650
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00574	2.2541	.01049	.03268	.02242	.09483	.02329	2.1588
Stddev	.00006	.0673	.00031	.00007	.00007	.00106	.00008	.0223
%RSD	.98935	2.9863	2.9110	.20924	.32184	1.1194	.32825	1.0312
#1	.00570	2.3017	.01028	.03273	.02247	.09558	.02335	2.1745
#2	.00578	2.2065	.01071	.03264	.02237	.09408	.02324	2.1430
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04240	.01060	1.9689	.04433	.04617	1.8017	.20492	.08085
Stddev	.00016	.00003	.0490	.00018	.00157	.0339	.00056	.00105
%RSD	.38633	.29456	2.4900	.40792	3.3936	1.8820	.27551	1.2982
#1	.04229	.01062	2.0035	.04421	.04728	1.8257	.20532	.08159
#2	.04252	.01057	1.9342	.04446	.04507	1.7777	.20452	.08010
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01690	.40576	.04039	.04426	F .00822	F .0159	.02206	F 4.5489
Stddev	.00030	.00828	.00048	.00298	.00128	.0004	.00057	.0016
%RSD	1.7500	2.0396	1.1784	6.7361	15.601	2.753	2.5871	.03612
#1	.01669	.41161	.04073	.04637	.00731	.0156	.02246	4.5500
#2	.01711	.39991	.04006	.04215	.00912	.0162	.02165	4.5477

Sample Name: LLCCV01 Acquired: 11/19/2018 13:09:22 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .70601
 Stddev .01569
 %RSD 2.2228

#1 .69492
 #2 .71711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.8	46390.	4419.0	102.78	3525.4
Stddev	11.8	41.	114.0	3.29	9.7
%RSD	.36373	.08926	2.5804	3.2052	.27645

#1	3225.4	46361.	4338.4	100.45	3518.5
#2	3242.1	46420.	4499.6	105.11	3532.3

Sample Name: CCB01 Acquired: 11/19/2018 13:13:28 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00174	-.00298	-.00091	.00012	-.00494	.00135
Stddev	.00191	.00053	.00021	.00065	.00087	.00095	.00033
%RSD	800.84	30.747	7.2012	70.598	720.11	19.220	24.326

#1	-.00159	-.00212	-.00283	-.00137	.00074	-.00561	.00158
#2	.00111	-.00136	-.00313	-.00046	-.00049	-.00427	.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00003	.01967	-.00021	.00011	-.00010	-.00196
Stddev	.00007	.00008	.01182	.00028	.00007	.00019	.00087
%RSD	50.136	231.14	60.075	129.95	61.109	194.03	44.293

#1	.00008	-.00009	.01131	-.00002	.00016	-.00023	-.00258
#2	.00018	.00002	.02803	-.00041	.00006	.00004	-.00135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.03524	-.00032	-.00004	-.11172	-.00043	-.00201
Stddev	.00001	.05111	.00034	.00035	.01869	.00004	.00012
%RSD	13.130	145.01	105.96	940.32	16.729	8.7463	6.1994

#1	-.00009	-.00089	-.00056	-.00029	-.12493	-.00046	-.00210
#2	-.00008	.07138	-.00008	.00021	-.09850	-.00040	-.00192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.27259	.00010	-.00711	-.00013	.00013	-.00102	.00013
Stddev	.00439	.00045	.00077	.00260	.00121	.00057	.00137
%RSD	1.6110	471.10	10.792	1960.1	956.81	55.717	1098.8

#1	-.26949	-.00022	-.00765	-.00197	-.00073	-.00143	.00110
#2	-.27570	.00042	-.00657	.00171	.00098	-.00062	-.00085

Sample Name: CCB01 Acquired: 11/19/2018 13:13:28 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01324	-.0033	-.00014	F 4.9160	F .80393
Stddev	.00061	.0004	.00008	.2226	.37682
%RSD	4.6062	13.17	52.902	4.5281	46.872

#1	-.01280	-.0036	-.00020	5.0734	.53748
#2	-.01367	-.0030	-.00009	4.7586	1.0704

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3228.2	46033.	4634.2	108.91	3572.4
Stddev	34.1	387.	103.1	1.17	29.4
%RSD	1.0567	.84155	2.2239	1.0727	.82419

#1	3204.1	45759.	4561.3	108.09	3551.6
#2	3252.4	46307.	4707.0	109.74	3593.3

Sample Name: LR CHECK2 Acquired: 11/19/2018 13:22:11 Type: Unk
Method: P4-ICP2(v2595) 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	-.00088	-.02346	256.90	.01566	-.03553	-.30098	97.980	-.00079
Stddev	.00076	.00004	.64	.00290	.00107	.00335	1.251	.00006
%RSD	86.261	.18229	.24800	18.500	3.0253	1.1118	1.2767	7.6766
#1	-.00034	-.02343	257.35	.01361	-.03629	-.29861	98.864	-.00075
#2	-.00141	-.02349	256.45	.01771	-.03477	-.30334	97.095	-.00083
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00822	.23514	-.13907	-.01032	258.04	-.87293	47.079	-.17263
Stddev	.00001	.03225	.00026	.00031	.07	.00742	.455	.01350
%RSD	.16014	13.716	.18784	2.9610	.02826	.85020	.96633	7.8231
#1	-.00821	.21233	-.13888	-.01010	257.99	-.86768	46.757	-.16308
#2	-.00822	.25794	-.13925	-.01054	258.10	-.87818	47.401	-.18218
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.467	.00959	.23796	-.00339	37.712	-.00977	-.00272	-.00814
Stddev	.138	.00047	.00703	.00030	.361	.02522	.00049	.00512
%RSD	.27886	4.9049	2.9529	8.9330	.95847	258.12	18.104	62.941
#1	49.564	.00926	.24292	-.00360	37.967	-.02760	-.00307	-.01176
#2	49.369	.00992	.23299	-.00317	37.456	.00806	-.00237	-.00452
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04231	-.00550	.00144	.02634	-.01385	-.1730	.00322	5.6268
Stddev	.00753	.00224	.00089	.00018	.00142	.0058	.00011	.0611
%RSD	17.800	40.706	61.702	.66846	10.225	3.354	3.5152	1.0856
#1	.04763	-.00709	.00207	.02622	-.01485	-.1689	.00330	5.5836
#2	.03698	-.00392	.00081	.02647	-.01285	-.1771	.00314	5.6700

Sample Name: LR CHECK2 Acquired: 11/19/2018 13:22:11 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2877
 Stddev .0507
 %RSD 3.9334

#1 1.3235
 #2 1.2519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.3	44908.	4460.2	98.907	3176.8
Stddev	3.3	386.	17.2	.068	1.8
%RSD	.10935	.85903	.38669	.06824	.05695

#1	3003.6	45181.	4448.0	98.859	3178.1
#2	2999.0	44636.	4472.4	98.955	3175.5

Sample Name: LR CHECK1 Acquired: 11/19/2018 13:33:59 Type: Unk
Method: P4-ICP2(v2595) 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	-.03934	-.08581	-.07226	-.28376	.05819	2165.5	.00707	.00468
Stddev	.00298	.00216	.00851	.01327	.00504	21.6	.00045	.00016
%RSD	7.5662	2.5150	11.778	4.6772	8.6652	.99813	6.3340	3.5114

#1	-.04145	-.08428	-.07828	-.27438	.05462	2150.2	.00739	.00456
#2	-.03724	-.08734	-.06625	-.29315	.06175	2180.7	.00676	.00479

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03472	1938.3	.13583	.04318	-.58294	853.95	.06002	1837.3
Stddev	.00316	35.6	.00325	.00032	.00875	11.46	.00061	35.9
%RSD	9.1157	1.8366	2.3928	.73610	1.5002	1.3417	1.0086	1.9538

#1	.03248	1963.5	.13354	.04295	-.58912	862.06	.05959	1862.7
#2	.03695	1913.2	.13813	.04340	-.57675	845.85	.06045	1811.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14055	-.05141	1646.9	.00333	.12265	931.17	.01713	-.35432
Stddev	.00007	.00307	73.8	.00057	.00130	35.74	.00045	.00159
%RSD	.04647	5.9681	4.4794	17.072	1.0587	3.8382	2.6491	.44774

#1	.14050	-.04924	1699.0	.00292	.12357	956.44	.01681	-.35544
#2	.14060	-.05358	1594.7	.00373	.12173	905.90	.01745	-.35319

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49077	.00300	.04990	-.05812	.04117	.0502	-.91960	6.4039
Stddev	.00474	.00423	.00123	.00304	.00069	.0070	.01233	.0904
%RSD	.96534	140.90	2.4655	5.2238	1.6707	13.99	1.3403	1.4114

#1	.48742	.00001	.04903	-.05597	.04166	.0552	-.92831	6.3400
#2	.49412	.00599	.05077	-.06027	.04068	.0453	-.91088	6.4678

Sample Name: LR CHECK1 Acquired: 11/19/2018 13:33:59 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.2	31620.	3986.8	76.885	1754.3
Stddev	22.9	381.	84.4	1.218	22.6
%RSD	1.0647	1.2064	2.1181	1.5840	1.2872
#1	2167.4	31890.	3927.1	76.023	1770.2
#2	2135.0	31350.	4046.5	77.746	1738.3

Sample Name: J5963-01DLX10 Acquired: 11/19/2018 13:38:24 Type: Unk
Method: P4-ICP2(v2595) 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	.01075	-.00307	5.3865	-.01438	.00292	14.500	.80669	.00102
Stddev	.00087	.00041	.0096	.00236	.00210	.443	.02633	.00008
%RSD	8.1339	13.361	.17838	16.395	72.038	3.0556	3.2636	7.4707

#1	.01137	-.00278	5.3932	-.01605	.00441	14.187	.78808	.00107
#2	.01013	-.00337	5.3797	-.01271	.00143	14.814	.82531	.00096

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01742	28.977	.23450	.02775	1.3699	82.564	.84900	9.3551
Stddev	.00060	1.253	.01000	.00012	.0121	4.202	.02349	.2710
%RSD	3.4338	4.3232	4.2659	.44343	.88333	5.0889	2.7665	2.8966

#1	.01784	28.091	.22742	.02783	1.3784	79.593	.83240	9.1635
#2	.01699	29.863	.24157	.02766	1.3613	85.535	.86561	9.5467

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02946	-.00333	4.7868	.10614	1.9400	5.4575	.00059	-.01617
Stddev	.00003	.00046	.4612	.00306	.0930	.2327	.00039	.00703
%RSD	.10106	13.743	9.6358	2.8835	4.7950	4.2646	66.124	43.498

#1	.02943	-.00301	5.1130	.10398	1.8742	5.6220	.00032	-.02114
#2	.02948	-.00366	4.4607	.10831	2.0058	5.2929	.00087	-.01119

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78563	.15694	.00979	.49311	.06209	1.183	-.04457	4.4414
Stddev	.00018	.00710	.00118	.01111	.00215	.006	.00324	.3662
%RSD	.02294	4.5267	12.053	2.2533	3.4569	.5465	7.2733	8.2458

#1	.78550	.15191	.00895	.48526	.06058	1.188	-.04227	4.1825
#2	.78576	.16196	.01062	.50097	.06361	1.179	-.04686	4.7004

Sample Name: J5963-01DLX10 Acquired: 11/19/2018 13:38:24 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .37661
%RSD 210.42

#1 .08732
#2 -.44528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.7	45857.	4802.5	108.51	3293.3
Stddev	22.7	1109.	131.6	4.92	13.5
%RSD	.71691	2.4183	2.7406	4.5298	.41123

#1	3146.7	46641.	4895.6	111.99	3283.7
#2	3178.7	45072.	4709.5	105.04	3302.8

Sample Name: J5774-01 Acquired: 11/19/2018 13:46:29 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-111618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02722	-.01837	.17386	-.03726	.00512	154.28	.58067
Stddev	.00204	.00296	.00137	.00159	.00136	.29	.00038
%RSD	7.4904	16.118	.79074	4.2775	26.539	.18900	.06461

#1	.02577	-.01627	.17483	-.03839	.00608	154.07	.58093
#2	.02866	-.02046	.17289	-.03614	.00416	154.49	.58040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00860	.00043	86.125	.22454	.17665	.09285	374.49
Stddev	.00005	.00010	.075	.00072	.00162	.00001	1.48
%RSD	.53361	22.175	.08690	.32030	.91833	.01451	.39516

#1	.00864	.00050	86.072	.22403	.17779	.09286	375.54
#2	.00857	.00036	86.178	.22505	.17550	.09284	373.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7512	63.402	.26210	-.00086	7.5195	.50321	.72895
Stddev	.0226	.299	.00183	.00002	.0067	.00030	.00292
%RSD	.47612	.47091	.69789	2.4517	.08887	.06023	.40010

#1	4.7352	63.190	.26340	-.00085	7.5242	.50300	.73102
#2	4.7672	63.613	.26081	-.00088	7.5147	.50343	.72689

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.737	.00529	.06387	7.9946	6.2428	.01584	4.6344
Stddev	.030	.00010	.00638	.0335	.0501	.00019	.0161
%RSD	.28183	1.9280	9.9941	.41874	.80226	1.2170	.34782

#1	10.716	.00522	.05936	8.0182	6.2782	.01598	4.6230
#2	10.759	.00536	.06839	7.9709	6.2074	.01570	4.6458

Sample Name: J5774-01 Acquired: 11/19/2018 13:46:29 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-111618 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14170	9.565	-.21115	<.00000	F<.00000
Stddev	.00132	.060	.00183	.02905	.78736
%RSD	.93484	.6244	.86634	2.7603	.81887

#1	.14076	9.607	-.21244	-1.0730	-96.709
#2	.14263	9.523	-.20985	-1.0319	-95.595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.2	56893.	6127.4	102.67	2892.9
Stddev	11.5	217.	14.9	.31	16.5
%RSD	.29845	.38132	.24372	.29823	.56904

#1	3841.1	57047.	6138.0	102.45	2881.3
#2	3857.3	56740.	6116.9	102.89	2904.5

Sample Name: J5970-01 Acquired: 11/19/2018 13:50:31 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06612	-.01248	.59417	-.04641	.00737	134.78	.84215
Stddev	.00558	.00031	.01086	.00150	.00257	2.70	.00606
%RSD	8.4388	2.5119	1.8283	3.2250	34.794	2.0014	.71973

#1	.07007	-.01226	.60186	-.04747	.00919	132.88	.83787
#2	.06217	-.01271	.58649	-.04536	.00556	136.69	.84644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01134	.00048	192.94	.32298	.15992	.43883	332.47
Stddev	.00039	.00109	1.29	.00774	.00154	.01334	6.08
%RSD	3.4404	229.56	.66696	2.3963	.96381	3.0402	1.8299

#1	.01107	.00125	192.03	.31751	.16101	.44826	328.17
#2	.01162	-.00030	193.85	.32845	.15883	.42939	336.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9217	86.942	.68962	-.00298	6.4615	.40303	1.3646
Stddev	.1082	.939	.00796	.00054	.0276	.00965	.0179
%RSD	2.1991	1.0797	1.1549	18.181	.42633	2.3954	1.3143

#1	4.8452	86.279	.69526	-.00336	6.4421	.39620	1.3519
#2	4.9983	87.606	.68399	-.00260	6.4810	.40985	1.3773

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.495	.00735	.00634	7.3887	4.9629	.03944	2.9374
Stddev	.131	.00010	.00647	.0891	.1033	.00012	.0271
%RSD	.96925	1.3808	102.03	1.2062	2.0815	.30666	.92323

#1	13.403	.00742	.01091	7.4517	4.8898	.03952	2.9182
#2	13.588	.00728	.00177	7.3256	5.0359	.03935	2.9566

Sample Name: J5970-01 Acquired: 11/19/2018 13:50:31 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-028 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17830	5.845	.25909	2.0015	F<.00000
Stddev	.00080	.085	.00209	.3611	.49308
%RSD	.45118	1.445	.80756	18.042	.64978

#1	.17773	5.905	.26057	1.7462	-75.536
#2	.17887	5.786	.25761	2.2569	-76.233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.2	51238.	5425.1	100.70	2874.4
Stddev	32.5	882.	21.5	1.42	28.9
%RSD	.94606	1.7217	.39627	1.4133	1.0048

#1	3408.2	51862.	5440.3	101.70	2853.9
#2	3454.1	50615.	5409.9	99.692	2894.8

Sample Name: J5970-03 Acquired: 11/19/2018 13:54:26 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07943	-.01268	.61512	-.05137	.00971	133.73	.78941
Stddev	.00265	.00074	.00134	.00375	.00084	1.10	.00113
%RSD	3.3305	5.8185	.21821	7.2927	8.6759	.82311	.14288

#1	.07756	-.01320	.61417	-.05402	.00912	134.51	.79021
#2	.08130	-.01215	.61607	-.04872	.01031	132.95	.78861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01122	-.00017	126.48	.30383	.17348	.55218	411.46
Stddev	.00028	.00077	.41	.00289	.00018	.00492	7.73
%RSD	2.4946	445.50	.32809	.94983	.10583	.89036	1.8787

#1	.01142	.00037	126.77	.30587	.17335	.55566	405.99
#2	.01102	-.00072	126.19	.30179	.17361	.54871	416.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1929	53.404	.71491	-.00444	6.3951	.40757	1.1802
Stddev	.0356	.369	.00068	.00176	.0153	.00195	.0228
%RSD	.68568	.69077	.09509	39.568	.23897	.47815	1.9344

#1	5.2181	53.665	.71443	-.00568	6.4059	.40895	1.1641
#2	5.1677	53.143	.71539	-.00319	6.3842	.40620	1.1964

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.326	.00898	.01738	6.8665	7.0721	.04601	2.7525
Stddev	.060	.00022	.01425	.0007	.0940	.00013	.0045
%RSD	.48557	2.4836	81.988	.01002	1.3293	.27385	.16321

#1	12.369	.00914	.00730	6.8670	7.1386	.04610	2.7493
#2	12.284	.00882	.02746	6.8660	7.0056	.04592	2.7557

Sample Name: J5970-03 Acquired: 11/19/2018 13:54:26 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-028 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16419	6.028	.07906	.78958	F<.00000
Stddev	.00041	.004	.00972	.10872	1.0622
%RSD	.24883	.0653	12.299	13.769	.94432

#1	.16390	6.031	.08594	.86646	-111.74
#2	.16447	6.026	.07219	.71271	-113.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.9	51967.	5641.9	100.30	2891.2
Stddev	8.2	386.	17.1	1.93	9.3
%RSD	.23066	.74367	.30256	1.9251	.32124

#1	3529.2	51694.	5629.8	101.67	2884.6
#2	3540.7	52240.	5653.9	98.939	2897.7

Sample Name: J5977-08 Acquired: 11/19/2018 13:58:29 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03(8-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19987	-.01267	11.267	-.03293	.02641	128.20	4.7445
Stddev	.00968	.00091	.035	.00054	.00208	.78	.0237
%RSD	4.8453	7.1771	.31355	1.6432	7.8744	.61012	.50035

#1	.20672	-.01331	11.292	-.03255	.02789	127.65	4.7277
#2	.19302	-.01202	11.242	-.03332	.02494	128.75	4.7613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00949	.01849	151.46	.28199	.12583	5.7817	456.95
Stddev	.00002	.00064	1.28	.00213	.00047	.0327	2.87
%RSD	.19732	3.4883	.84382	.75659	.37430	.56590	.62886

#1	.00950	.01895	150.56	.28350	.12616	5.8048	454.91
#2	.00947	.01803	152.36	.28048	.12550	5.7586	458.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9045	38.692	.36440	.01877	7.2434	.34761	15.490
Stddev	.0593	.228	.00039	.00037	.0516	.00025	.065
%RSD	.75019	.59022	.10814	1.9933	.71261	.07235	.41983

#1	7.8625	38.531	.36468	.01851	7.2069	.34743	15.444
#2	7.9464	38.854	.36412	.01904	7.2799	.34779	15.536

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.941	.01956	.70405	F 39.493	4.7337	2.0542	4.1165
Stddev	.128	.00048	.00684	.166	.0110	.0041	.0036
%RSD	.67710	2.4576	.97125	.42122	.23164	.19921	.08675

#1	18.850	.01989	.69922	39.611	4.7260	2.0571	4.1140
#2	19.031	.01922	.70889	39.376	4.7415	2.0513	4.1190

Sample Name: J5977-08 Acquired: 11/19/2018 13:58:29 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MMTW-03(8-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16146	F 19.88	.37858	2.1543	F<.00000
Stddev	.00133	.09	.00540	.3273	2.2216
%RSD	.82466	.4408	1.4263	15.195	1.7873

#1	.16051	19.94	.37476	1.9228	-125.87
#2	.16240	19.82	.38239	2.3858	-122.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.7	48175.	5189.0	98.318	2874.7
Stddev	13.7	96.	26.3	.485	10.2
%RSD	.41717	.19899	.50686	.49296	.35337

#1	3278.0	48242.	5207.6	98.661	2867.5
#2	3297.4	48107.	5170.4	97.975	2881.9

Sample Name: PB114902BL Acquired: 11/19/2018 14:22:21 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114902BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00130	.00052	.00243	-.00049	-.00713	.00070	.00001
Stddev	.00116	.00083	.00099	.00098	.00296	.00119	.00057	.00002
%RSD	94.807	63.949	188.69	40.367	610.46	16.637	80.843	188.58
#1	-.00040	-.00071	-.00018	.00173	.00161	-.00629	.00030	-.00000
#2	-.00204	-.00189	.00122	.00312	-.00258	-.00797	.00110	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02136	.00009	-.00016	.00054	.00297	-.00006	-.03959
Stddev	.00006	.00244	.00054	.00025	.00002	.00109	.00011	.03626
%RSD	367.40	11.436	583.73	155.19	4.1445	36.838	166.60	91.577
#1	-.00003	.01963	-.00029	-.00034	.00052	.00220	-.00014	-.01395
#2	.00006	.02309	.00047	.00002	.00056	.00375	.00001	-.06523
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00047	.04521	-.00047	-.00172	-.14961	.00003	-.00572
Stddev	.00004	.00019	.02129	.00049	.00004	.00455	.00016	.00499
%RSD	9.1026	41.101	47.089	103.88	2.3231	3.0430	608.37	87.119
#1	-.00038	-.00060	.03015	-.00081	-.00175	-.15283	.00014	-.00220
#2	-.00043	-.00033	.06026	-.00012	-.00169	-.14639	-.00009	-.00925
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	.00300	-.00128	.00176	-.00782	-.0049	-.00025	F 5.0729
Stddev	.00025	.00281	.00092	.00118	.00109	.0005	.00010	.3568
%RSD	12.751	93.722	71.698	67.141	13.920	9.450	38.772	7.0329
#1	-.00211	.00101	-.00193	.00260	-.00858	-.0045	-.00031	4.8206
#2	-.00176	.00499	-.00063	.00093	-.00705	-.0052	-.00018	5.3251

Sample Name: PB114902BL Acquired: 11/19/2018 14:22:21 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114902BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .61708
Stddev .14452
%RSD 23.421

#1 .51489
#2 .71928

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.4	45905.	4504.2	104.57	3452.6
Stddev	46.6	1190.	202.7	4.50	55.8
%RSD	1.4966	2.5921	4.5009	4.3016	1.6165

#1	3144.3	46746.	4647.6	107.75	3492.0
#2	3078.5	45063.	4360.9	101.39	3413.1

Sample Name: PB114902BS Acquired: 11/19/2018 14:26:23 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114902BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76640	1.8174	.92334	1.8961	.76519	2.0108	.19867
Stddev	.00521	.0076	.00674	.0144	.00362	.0044	.00467
%RSD	.68032	.42040	.73017	.75669	.47282	.21784	2.3485

#1	.76271	1.8120	.91858	1.8860	.76263	2.0077	.20197
#2	.77009	1.8228	.92811	1.9063	.76775	2.0139	.19537

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19839	.17591	1.0337	.37185	.18493	.29877	2.7015
Stddev	.00060	.00144	.0230	.00091	.00201	.00192	.0823
%RSD	.30030	.81930	2.2225	.24393	1.0896	.64262	3.0450

#1	.19797	.17489	1.0500	.37121	.18350	.29741	2.7597
#2	.19881	.17693	1.0175	.37250	.18635	.30012	2.6434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20974	1.8698	.44525	.06883	2.7470	.27793	.19296
Stddev	.00107	.0478	.00298	.00004	.0722	.00251	.00480
%RSD	.50931	2.5572	.67011	.06357	2.6282	.90297	2.4875

#1	.20898	1.8360	.44314	.06887	2.7981	.27616	.19636
#2	.21049	1.9036	.44736	.06880	2.6960	.27971	.18957

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3050	.37088	.25320	F -.00530	.81771	.61233	.18463
Stddev	.2635	.00254	.01594	.00150	.01276	.00435	.00366
%RSD	2.8314	.68569	6.2956	28.344	1.5599	.71070	1.9836

#1	9.4913	.36909	.26447	-.00637	.82673	.60925	.18722
#2	9.1187	.37268	.24193	-.00424	.80869	.61541	.18204

Sample Name: PB114902BS Acquired: 11/19/2018 14:26:23 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114902BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18151	5.058	.20244	F 5.1529	F<.00000
Stddev	.00469	.037	.00526	.1780	.07649
%RSD	2.5824	.7280	2.5961	3.4544	22.185

#1	.18482	5.032	.20616	5.0271	-.29071
#2	.17819	5.084	.19873	5.2788	-.39889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.8	45627.	4464.9	104.04	3401.0
Stddev	16.1	161.	103.0	2.52	24.9
%RSD	.51732	.35337	2.3071	2.4190	.73249

#1	3129.2	45741.	4392.1	102.26	3418.6
#2	3106.4	45513.	4537.8	105.82	3383.4

Sample Name: J5942-12 Acquired: 11/19/2018 14:36:00 Type: Unk
Method: P4-ICP2(v2595) 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	.00064	-.00174	.00965	-.00007	.00203	.13438	.05889	.00016
Stddev	.00250	.00024	.00056	.00094	.00116	.00313	.00086	.00003
%RSD	390.19	13.878	5.8129	1371.7	57.512	2.3267	1.4546	21.382

#1	.00241	-.00157	.00926	.00060	.00285	.13217	.05828	.00014
#2	-.00113	-.00191	.01005	-.00073	.00120	.13659	.05950	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	7.0448	-.00019	.00763	.00649	.03380	.35167	.35005
Stddev	.00002	.0585	.00019	.00016	.00051	.00361	.00300	.00745
%RSD	29.398	.83077	98.245	2.1540	7.9031	10.672	.85193	2.1288

#1	-.00005	7.0862	-.00006	.00775	.00685	.03125	.34955	.35532
#2	-.00008	7.0034	-.00032	.00751	.00613	.03635	.35379	.34478

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01739	-.00032	205.21	-.00042	.01878	.90400	.00025	-.01078
Stddev	.00010	.00015	1.30	.00015	.00026	.04762	.00025	.00747
%RSD	.55563	47.099	.63374	34.649	1.3646	5.2675	101.99	69.365

#1	.01746	-.00043	206.13	-.00032	.01860	.87032	.00043	-.01606
#2	.01732	-.00022	204.29	-.00052	.01896	.93767	.00007	-.00549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06812	.19285	-.00046	.00115	-.00248	-.0026	.01437	6.3039
Stddev	.00266	.00003	.00028	.00132	.00040	.0004	.00004	.1261
%RSD	3.9011	.01317	61.822	114.17	16.086	16.35	.29098	2.0003

#1	.07000	.19286	-.00026	.00022	-.00276	-.0023	.01440	6.2148
#2	.06624	.19283	-.00066	.00209	-.00220	-.0029	.01434	6.3931

Sample Name: J5942-12 Acquired: 11/19/2018 14:36:00 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6125
Stddev .1244
%RSD 7.7131

#1 1.5245
#2 1.7004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.8	43108.	4549.6	102.36	3053.3
Stddev	11.5	352.	22.5	1.15	12.1
%RSD	.38575	.81540	.49453	1.1257	.39745

#1	2978.9	43356.	4533.7	103.18	3061.9
#2	2962.7	42859.	4565.5	101.55	3044.7

Sample Name: CCV02 Acquired: 11/19/2018 14:49:06 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14208 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3392	4.7945	5.0254	5.0342	5.2433	10.659	9.7981	.26018
Stddev	.0336	.0192	.0231	.0001	.0024	.043	.0010	.00088
%RSD	.62949	.40046	.46033	.00171	.04585	.40382	.00979	.33789
#1	5.3630	4.8080	5.0418	5.0343	5.2450	10.629	9.7988	.26081
#2	5.3155	4.7809	5.0091	5.0342	5.2416	10.689	9.7974	.25956
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4054	25.215	.94635	2.4719	1.2512	4.6796	2.6101	23.295
Stddev	.0076	.159	.00153	.0120	.0040	.0888	.0030	.023
%RSD	.31558	.62876	.16165	.48638	.32372	1.8983	.11490	.09879
#1	2.4107	25.327	.94744	2.4804	1.2541	4.6168	2.6122	23.311
#2	2.4000	25.103	.94527	2.4634	1.2483	4.7424	2.6080	23.279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3589	1.2391	22.548	2.3798	2.4885	24.185	4.8180	4.6511
Stddev	.0061	.0060	.021	.0077	.0342	.027	.0061	.0087
%RSD	.25863	.48419	.09140	.32353	1.3757	.11118	.12583	.18632
#1	2.3632	1.2433	22.534	2.3852	2.4643	24.204	4.8223	4.6573
#2	2.3546	1.2349	22.563	2.3743	2.5127	24.166	4.8138	4.6450
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5601	4.5075	4.8696	4.8196	4.8020	4.829	5.1277	F 6.2383
Stddev	.0051	.0252	.0118	.0012	.0024	.013	.0074	.0252
%RSD	.11148	.55974	.24272	.02439	.05016	.2579	.14381	.40358
#1	4.5565	4.5254	4.8780	4.8204	4.8003	4.838	5.1329	6.2205
#2	4.5636	4.4897	4.8613	4.8187	4.8037	4.820	5.1225	6.2561

Sample Name: CCV02 Acquired: 11/19/2018 14:49:06 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14208 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3592
Stddev	1.1381
%RSD	48.239

#1	1.5545
#2	3.1640

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.5	43922.	4503.1	100.10	3063.0
Stddev	10.8	11.	21.8	1.27	15.3
%RSD	.36348	.02448	.48446	1.2710	.49837

#1	2970.9	43914.	4487.7	101.00	3052.2
#2	2986.2	43929.	4518.5	99.199	3073.8

Sample Name: CCB02 Acquired: 11/19/2018 14:52:52 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14208 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00255	-.00125	-.00029	.00112	.00079	-.00334	.00158	.00013
Stddev	.00198	.00116	.00059	.00273	.00031	.00447	.00011	.00003
%RSD	77.344	92.664	204.69	243.32	39.404	133.80	7.2065	22.797

#1	-.00116	-.00207	-.00070	.00305	.00101	-.00018	.00150	.00015
#2	-.00395	-.00043	.00013	-.00081	.00057	-.00649	.00166	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00513	.00011	.00003	.00033	.00648	-.00003	-.04043
Stddev	.00007	.00260	.00027	.00027	.00041	.01502	.00005	.06626
%RSD	237.97	50.753	239.18	1030.1	124.32	231.88	165.20	163.87

#1	.00002	.00329	.00031	-.00016	.00004	.01710	-.00006	-.08729
#2	-.00008	.00697	-.00008	.00022	.00062	-.00414	.00000	.00642

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	.00003	.01049	-.00038	-.00181	-.16800	.00075	-.00296
Stddev	.00005	.00041	.00587	.00034	.00012	.01992	.00022	.00011
%RSD	8.8471	1268.5	55.933	88.086	6.4615	11.857	28.782	3.7217

#1	-.00050	-.00026	.00634	-.00014	-.00190	-.15392	.00090	-.00288
#2	-.00056	.00032	.01463	-.00062	-.00173	-.18209	.00060	-.00304

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00432	.00595	-.00106	.00139	-.00562	-.0046	-.00010	F 5.1905
Stddev	.00000	.00384	.00070	.00037	.00049	.0004	.00002	.0024
%RSD	.01737	64.578	65.835	26.433	8.7084	9.545	20.841	.04531

#1	-.00432	.00866	-.00057	.00165	-.00597	-.0049	-.00011	5.1921
#2	-.00432	.00323	-.00155	.00113	-.00527	-.0043	-.00008	5.1888

Sample Name: CCB02 Acquired: 11/19/2018 14:52:52 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14208 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .36254
Stddev .24384
%RSD 67.260

#1 .53497
#2 .19012

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3068.2	45989.	4475.8	104.80	3435.1
Stddev	36.1	62.	28.5	1.31	39.0
%RSD	1.1778	.13462	.63603	1.2482	1.1343

#1	3042.7	45945.	4455.7	103.88	3407.6
#2	3093.8	46032.	4495.9	105.73	3462.7

Sample Name: J5977-08DUP Acquired: 11/19/2018 14:56:57 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03(8-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20585	-.01390	11.582	-.05767	.02721	131.18	4.9720
Stddev	.00185	.00056	.075	.00545	.00071	4.50	.1118
%RSD	.90059	4.0151	.65003	9.4496	2.6255	3.4288	2.2493

#1	.20716	-.01350	11.529	-.06152	.02671	134.36	4.8929
#2	.20454	-.01429	11.636	-.05381	.02772	128.00	5.0511

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00982	.01872	157.61	.27701	.12822	5.8910	479.90
Stddev	.00051	.00098	4.57	.01340	.00053	.0117	13.74
%RSD	5.1546	5.2581	2.9003	4.8391	.41454	.19877	2.8637

#1	.01017	.01942	154.37	.28648	.12785	5.8827	470.18
#2	.00946	.01803	160.84	.26753	.12860	5.8993	489.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0353	39.804	.36732	.02530	7.4812	.34454	16.469
Stddev	.4003	1.081	.00204	.00334	.1404	.01484	.449
%RSD	4.9813	2.7170	.55422	13.211	1.8767	4.3075	2.7242

#1	8.3184	39.040	.36588	.02294	7.3819	.35503	16.152
#2	7.7523	40.569	.36876	.02767	7.5805	.33404	16.787

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.797	.01938	.76350	F 39.514	4.7911	2.0954	4.2840
Stddev	.375	.00077	.02732	.346	.1268	.0107	.1151
%RSD	1.8923	3.9856	3.5777	.87682	2.6472	.50987	2.6867

#1	19.532	.01884	.74419	39.269	4.7014	2.0879	4.2026
#2	20.062	.01993	.78282	39.759	4.8808	2.1030	4.3654

Sample Name: J5977-08DUP Acquired: 11/19/2018 14:56:57 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03(8-10 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16762	F 20.12	.38988	2.6773	F<.00000
Stddev	.00603	.16	.01023	.5435	3.8759
%RSD	3.5982	.7748	2.6244	20.299	2.8638

#1	.16335	20.01	.38264	3.0616	-138.08
#2	.17188	20.23	.39711	2.2930	-132.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.8	47579.	5030.2	92.673	2801.6
Stddev	3.2	1935.	101.1	2.255	11.1
%RSD	.10139	4.0670	2.0090	2.4327	.39546

#1	3179.1	46210.	5101.7	94.267	2809.4
#2	3174.5	48947.	4958.8	91.079	2793.8

Sample Name: J5977-08LX5 Acquired: 11/19/2018 15:00:56 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03(8-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04301	-.00268	2.2854	-.01224	.00549	26.398	1.0392
Stddev	.00054	.00036	.0031	.00055	.00161	.184	.0010
%RSD	1.2644	13.330	.13457	4.4976	29.370	.69637	.09214

#1	.04340	-.00293	2.2875	-.01262	.00435	26.268	1.0385
#2	.04263	-.00243	2.2832	-.01185	.00663	26.528	1.0399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	.00322	33.728	.06091	.02402	1.3565	86.936
Stddev	.00009	.00005	.065	.00024	.00017	.0046	.315
%RSD	4.8090	1.6135	.19323	.40116	.71022	.33651	.36204

#1	.00189	.00318	33.774	.06074	.02414	1.3532	87.158
#2	.00202	.00326	33.682	.06108	.02390	1.3597	86.713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8234	8.6197	.06805	.00238	1.5594	.07259	3.3887
Stddev	.0079	.0514	.00001	.00054	.0019	.00074	.0217
%RSD	.43208	.59638	.02185	22.659	.12017	1.0228	.64032

#1	1.8178	8.5834	.06806	.00200	1.5608	.07207	3.4041
#2	1.8290	8.6561	.06804	.00276	1.5581	.07312	3.3734

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9193	.00399	.14431	7.1712	.95605	.39872	.89812
Stddev	.0259	.00009	.00551	.0018	.00252	.00095	.00189
%RSD	.66039	2.1793	3.8170	.02449	.26336	.23728	.21057

#1	3.9376	.00405	.14820	7.1700	.95783	.39939	.89679
#2	3.9010	.00393	.14041	7.1725	.95427	.39805	.89946

Sample Name: J5977-08LX5 Acquired: 11/19/2018 15:00:56 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03(8-10 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02644	3.730	.09755	5.0312	F<.00000
Stddev	.00049	.011	.00071	.0209	.08143
%RSD	1.8576	.2911	.72933	.41596	4.1828

#1	.02679	3.722	.09705	5.0460	-1.8891
#2	.02609	3.737	.09805	5.0164	-2.0043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.3	46132.	4708.9	102.78	3202.0
Stddev	6.6	23.	28.2	.85	4.4
%RSD	.21531	.04942	.59907	.82790	.13852

#1	3078.6	46148.	4688.9	102.18	3198.8
#2	3088.0	46116.	4728.8	103.39	3205.1

Sample Name: J5977-09 Acquired: 11/19/2018 15:09:01 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5977-08MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98167	1.9218	12.807	1.7849	.17792	130.85	5.2198
Stddev	.00178	.0001	.017	.0092	.00067	.11	.0683
%RSD	.18156	.00365	.12999	.51445	.37388	.08448	1.3086

#1	.98041	1.9218	12.795	1.7785	.17745	130.77	5.1715
#2	.98293	1.9219	12.819	1.7914	.17840	130.93	5.2681

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20579	.21740	134.56	.63243	.34385	3.3835	373.59
Stddev	.00067	.00043	2.51	.00191	.00021	.0134	3.36
%RSD	.32533	.19807	1.8672	.30135	.05979	.39617	.90049

#1	.20627	.21710	132.78	.63378	.34370	3.3740	371.21
#2	.20532	.21771	136.33	.63109	.34400	3.3930	375.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7121	37.830	.87508	.08420	6.2694	.60686	14.852
Stddev	.0121	.707	.00033	.00167	.0804	.00239	.101
%RSD	.17984	1.8694	.03775	1.9815	1.2830	.39400	.67876

#1	6.7206	37.330	.87532	.08302	6.2125	.60855	14.781
#2	6.7036	38.330	.87485	.08538	6.3263	.60517	14.923

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.854	.37549	.19430	F 30.561	5.6974	2.2289	4.3925
Stddev	.335	.00137	.00063	.047	.0327	.0012	.0461
%RSD	1.2486	.36502	.32296	.15460	.57386	.05406	1.0484

#1	26.617	.37452	.19475	30.527	5.7205	2.2281	4.3599
#2	27.091	.37646	.19386	30.594	5.6743	2.2298	4.4251

Sample Name: J5977-09 Acquired: 11/19/2018 15:09:01 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5977-08MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36308	F 29.36	.49537	3.0887	F<.00000
Stddev	.00076	.07	.01105	.2124	2.2928
%RSD	.21018	.2275	2.2312	6.8761	2.2563

#1	.36254	29.32	.48755	3.2388	-99.996
#2	.36362	29.41	.50318	2.9385	-103.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3201.3	47777.	5064.2	96.748	2834.4
Stddev	10.1	105.	78.8	.658	1.2
%RSD	.31657	.21889	1.5558	.68001	.04398

#1	3208.4	47703.	5119.9	97.214	2835.3
#2	3194.1	47850.	5008.5	96.283	2833.5

Sample Name: J5977-10 Acquired: 11/19/2018 15:12:54 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5977-08MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98548	1.9330	12.822	1.7823	.17790	133.29	5.2610
Stddev	.00097	.0006	.025	.0023	.00037	1.56	.0089
%RSD	.09866	.03039	.19669	.13014	.20845	1.1729	.16927

#1	.98617	1.9335	12.804	1.7840	.17764	132.19	5.2547
#2	.98479	1.9326	12.840	1.7807	.17816	134.40	5.2673

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21003	.21839	135.11	.64870	.34621	3.3954	376.56
Stddev	.00342	.00002	.65	.01442	.00006	.0021	1.71
%RSD	1.6262	.00940	.48476	2.2225	.01801	.06130	.45536

#1	.20761	.21837	135.57	.63851	.34625	3.3968	375.35
#2	.21244	.21840	134.65	.65889	.34617	3.3939	377.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7971	38.163	.87800	.08642	6.2937	.61881	14.870
Stddev	.1021	.004	.00104	.00007	.0342	.01205	.109
%RSD	1.5022	.01171	.11805	.07803	.54389	1.9469	.73634

#1	6.7249	38.167	.87726	.08637	6.2695	.61029	14.793
#2	6.8693	38.160	.87873	.08646	6.3179	.62733	14.947

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.958	.37593	.19507	F 30.636	5.8569	2.2404	4.4309
Stddev	.015	.00157	.00971	.074	.1198	.0038	.0324
%RSD	.05378	.41649	4.9800	.24246	2.0459	.16948	.73111

#1	26.948	.37704	.18820	30.584	5.7722	2.2431	4.4080
#2	26.968	.37482	.20194	30.689	5.9416	2.2377	4.4538

Sample Name: J5977-10 Acquired: 11/19/2018 15:12:54 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5977-08MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36772	F 29.44	.49874	3.2343	F<.00000
Stddev	.00255	.09	.00435	.0657	2.3565
%RSD	.69360	.3189	.87167	2.0308	2.3270

#1	.36592	29.38	.50181	3.1879	-99.602
#2	.36953	29.51	.49567	3.2808	-102.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.0	47134.	5055.4	96.628	2822.9
Stddev	5.0	710.	19.8	.687	4.5
%RSD	.15636	1.5060	.39156	.71066	.15976

#1	3182.4	47636.	5069.3	97.114	2826.1
#2	3189.5	46632.	5041.4	96.143	2819.7

Sample Name: J5977-08A Acquired: 11/19/2018 15:16:47 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03(8-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97130	1.9224	12.780	1.7631	.17515	131.42	5.2683
Stddev	.00673	.0224	.079	.0039	.00306	.61	.0037
%RSD	.69262	1.1652	.61741	.22328	1.7476	.46450	.07047

#1	.96654	1.9066	12.724	1.7659	.17298	130.99	5.2657
#2	.97606	1.9383	12.836	1.7603	.17731	131.85	5.2709

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20676	.21643	134.61	.63720	.34432	3.3603	379.06
Stddev	.00005	.00238	.23	.00153	.00284	.0114	.02
%RSD	.02440	1.0993	.17123	.23960	.82592	.33902	.00432

#1	.20672	.21474	134.45	.63828	.34231	3.3523	379.05
#2	.20679	.21811	134.78	.63612	.34633	3.3684	379.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7072	38.224	.87017	.08514	6.2739	.60941	14.973
Stddev	.0036	.003	.00820	.00056	.0177	.00006	.085
%RSD	.05397	.00678	.94283	.65932	.28167	.00968	.56885

#1	6.7047	38.222	.86437	.08553	6.2614	.60945	15.033
#2	6.7098	38.226	.87597	.08474	6.2864	.60937	14.912

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.056	.37250	.21213	F 30.425	5.7212	2.2307	4.4370
Stddev	.063	.00098	.00435	.233	.0758	.0181	.0148
%RSD	.23247	.26186	2.0493	.76435	1.3253	.81350	.33293

#1	27.012	.37181	.21521	30.260	5.7748	2.2178	4.4266
#2	27.101	.37319	.20906	30.589	5.6676	2.2435	4.4475

Sample Name: J5977-08A Acquired: 11/19/2018 15:16:47 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-03(8-10 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36347	F 29.25	.49286	3.0137	F<.00000
Stddev	.00120	.19	.00121	.1802	3.9181
%RSD	.33109	.6363	.24496	5.9784	3.8939

#1	.36262	29.12	.49201	3.1411	-97.850
#2	.36432	29.38	.49371	2.8863	-103.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.3	47741.	5062.6	95.813	2830.4
Stddev	2.0	47.	23.3	.628	13.1
%RSD	.06345	.09740	.46113	.65557	.46327

#1	3205.7	47708.	5046.1	95.369	2839.7
#2	3202.8	47774.	5079.1	96.257	2821.2

Sample Name: J5977-11 Acquired: 11/19/2018 15:20:41 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-02(10-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.03736	1.2544	-.10355	.01696	305.24	2.3267
Stddev	.00044	.00311	.0064	.00677	.00336	.06	.0101
%RSD	23.199	8.3372	.50789	6.5340	19.830	.01939	.43347

#1	-.00158	-.03956	1.2499	-.09876	.01934	305.20	2.3339
#2	-.00220	-.03515	1.2589	-.10833	.01458	305.28	2.3196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01225	.00338	40.874	.90488	.31504	.51093	536.06
Stddev	.00008	.00084	.067	.00210	.00018	.00816	8.88
%RSD	.64066	24.852	.16365	.23257	.05717	1.5980	1.6558

#1	.01230	.00278	40.827	.90339	.31517	.50515	542.33
#2	.01219	.00397	40.921	.90637	.31491	.51670	529.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2418	88.988	.52249	.00494	3.1663	.69637	2.1229
Stddev	.0220	.092	.00158	.00200	.0091	.00419	.0336
%RSD	.26702	.10312	.30319	40.500	.28818	.60116	1.5837

#1	8.2573	88.924	.52361	.00635	3.1728	.69341	2.1466
#2	8.2262	89.053	.52137	.00352	3.1599	.69933	2.0991

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.428	.00425	-.00038	2.3003	5.5261	.18111	F 20.342
Stddev	.276	.00043	.00960	.0069	.0740	.00071	.074
%RSD	.31956	10.125	2506.2	.30037	1.3393	.39274	.36207

#1	86.623	.00455	.00641	2.3052	5.4738	.18060	20.394
#2	86.233	.00395	-.00717	2.2954	5.5784	.18161	20.290

Sample Name: J5977-11 Acquired: 11/19/2018 15:20:41 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MMTW-02(10-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29074	9.724	-.31018	1.6181	F<.00000
Stddev	.00078	.020	.00884	.1047	2.0969
%RSD	.26781	.2103	2.8484	6.4678	1.2361
#1	.29129	9.738	-.31643	1.5441	-168.15
#2	.29019	9.709	-.30393	1.6921	-171.12
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.8	49011.	5292.4	92.665	2696.9
Stddev	8.6	53.	2.2	1.532	.3
%RSD	.25849	.10773	.04129	1.6529	.01072
#1	3331.9	49049.	5294.0	91.582	2697.1
#2	3319.7	48974.	5290.9	93.748	2696.7

Sample Name: J5977-12 Acquired: 11/19/2018 15:24:42 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MMTW-01(3-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26891	-.01479	7.2506	-.09465	.03233	148.45	3.1710
Stddev	.00041	.00207	.0161	.00815	.00060	1.80	.0101
%RSD	.15329	13.972	.22258	8.6091	1.8662	1.2103	.31874

#1	.26862	-.01625	7.2392	-.10041	.03276	147.18	3.1638
#2	.26920	-.01333	7.2620	-.08889	.03191	149.72	3.1781

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01310	.01280	72.124	.35363	.24055	1.7958	500.91
Stddev	.00015	.00053	.652	.00339	.00009	.0126	4.60
%RSD	1.1603	4.1043	.90408	.95860	.03922	.70296	.91767

#1	.01299	.01318	71.663	.35123	.24048	1.8047	497.66
#2	.01320	.01243	72.585	.35602	.24062	1.7868	504.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1776	41.919	.37038	.00289	4.1264	.47628	4.9011
Stddev	.0341	.233	.00043	.00029	.0226	.00483	.0394
%RSD	.81652	.55546	.11534	10.043	.54830	1.0139	.80293

#1	4.1535	41.755	.37068	.00268	4.1104	.47286	4.8733
#2	4.2017	42.084	.37008	.00309	4.1424	.47969	4.9289

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.432	.02588	.14431	F 15.230	1.0607	.99141	6.0387
Stddev	.091	.00033	.01073	.013	.0042	.00199	.0151
%RSD	.35703	1.2868	7.4381	.08265	.39635	.20091	.25050

#1	25.368	.02611	.13672	15.221	1.0637	.99000	6.0280
#2	25.496	.02564	.15190	15.238	1.0578	.99282	6.0494

Sample Name: J5977-12 Acquired: 11/19/2018 15:24:42 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MMTW-01(3-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13319	F 12.87	-.03737	2.2890	F<.00000
Stddev	.00126	.00	.00151	.0235	.83862
%RSD	.94855	.0339	4.0330	1.0256	.52204

#1	.13229	12.87	-.03630	2.2724	-160.05
#2	.13408	12.88	-.03843	2.3056	-161.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.8	48317.	5177.8	98.119	2839.1
Stddev	13.5	413.	15.0	.692	.1
%RSD	.41463	.85430	.28934	.70497	.00359

#1	3243.3	48608.	5188.4	98.608	2839.0
#2	3262.3	48025.	5167.2	97.630	2839.2

Sample Name: J5977-13 Acquired: 11/19/2018 15:28:37 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.03780	1.9720	-.10946	.01726	313.29	2.5792
Stddev	.00406	.00172	.0014	.00256	.00304	3.35	.0003
%RSD	1683.2	4.5500	.07100	2.3351	17.638	1.0691	.01327

#1	.00263	-.03658	1.9730	-.10765	.01941	310.92	2.5789
#2	-.00311	-.03902	1.9710	-.11127	.01511	315.66	2.5794

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01243	.00354	42.224	.71520	.33788	.65550	564.73
Stddev	.00012	.00036	.324	.00213	.00089	.00468	.45
%RSD	.98151	10.279	.76799	.29838	.26389	.71470	.07950

#1	.01235	.00328	41.994	.71369	.33725	.65219	565.05
#2	.01252	.00380	42.453	.71671	.33851	.65881	564.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1441	91.134	.54029	.00700	3.3198	.69920	2.3181
Stddev	.0506	.136	.00355	.00036	.0026	.00122	.0063
%RSD	.55360	.14904	.65622	5.0879	.07711	.17496	.27246

#1	9.1083	91.038	.53778	.00725	3.3180	.69833	2.3225
#2	9.1799	91.230	.54279	.00674	3.3216	.70006	2.3136

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.238	.00503	.00134	2.6835	5.3957	.19159	F 20.953
Stddev	.045	.00022	.01717	.0054	.0592	.00238	.002
%RSD	.05099	4.3104	1278.8	.20108	1.0976	1.2417	.01107

#1	88.206	.00518	.01349	2.6873	5.4376	.19327	20.955
#2	88.270	.00487	-.01080	2.6797	5.3538	.18991	20.952

Sample Name: J5977-13 Acquired: 11/19/2018 15:28:37 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29738	9.785	-.32628	1.4543	F<.00000
Stddev	.00016	.014	.00100	.1425	1.3529
%RSD	.05338	.1446	.30625	9.7971	.74130

#1	.29727	9.775	-.32699	1.3535	-181.55
#2	.29749	9.795	-.32557	1.5550	-183.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.9	49350.	5298.6	91.563	2665.9
Stddev	9.4	288.	3.0	.241	5.4
%RSD	.28361	.58280	.05662	.26368	.20084

#1	3303.5	49553.	5296.5	91.392	2669.7
#2	3290.3	49147.	5300.7	91.733	2662.1

Sample Name: J5981-01 Acquired: 11/19/2018 15:32:38 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-01(6-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12365	-.03135	5.6572	-.09524	.01584	269.63	4.2056
Stddev	.00023	.00243	.0440	.00066	.00533	2.65	.0274
%RSD	.18340	7.7377	.77792	.69398	33.659	.98406	.65070

#1	.12349	-.03306	5.6883	-.09571	.01961	267.75	4.1863
#2	.12381	-.02963	5.6261	-.09477	.01207	271.51	4.2250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01273	.02215	744.50	.41582	.27612	1.0349	455.99
Stddev	.00010	.00069	6.41	.00337	.00215	.0032	1.46
%RSD	.81972	3.1185	.86163	.81124	.78017	.31411	.31976

#1	.01265	.02264	739.96	.41344	.27765	1.0372	457.02
#2	.01280	.02166	749.03	.41821	.27460	1.0326	454.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0742	129.38	.43247	.00350	5.2831	.61088	14.013
Stddev	.0582	.88	.00235	.00060	.0229	.00357	.128
%RSD	.95815	.67989	.54285	17.041	.43283	.58511	.91296

#1	6.0331	128.76	.43413	.00393	5.2669	.60836	14.104
#2	6.1154	130.00	.43081	.00308	5.2993	.61341	13.923

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	72.169	.04332	.03680	F 88.602	1.7508	.29821	F 13.580
Stddev	.421	.00017	.00533	.576	.0046	.00195	.111
%RSD	.58299	.40175	14.487	.65005	.26510	.65440	.82101

#1	71.871	.04344	.04057	89.010	1.7541	.29959	13.501
#2	72.466	.04319	.03303	88.195	1.7476	.29683	13.658

Sample Name: J5981-01 Acquired: 11/19/2018 15:32:38 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DTW-01(6-10) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37899	F 11.30	1.4051	3.5165	F<.00000
Stddev	.00440	.10	.0128	.0615	2.0783
%RSD	1.1599	.8758	.91186	1.7491	1.6719

#1	.37589	11.37	1.3960	3.4730	-122.84
#2	.38210	11.23	1.4141	3.5600	-125.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.1	45009.	5163.3	88.749	2445.5
Stddev	15.6	260.	12.6	.853	18.8
%RSD	.51010	.57807	.24452	.96082	.76811

#1	3056.0	45193.	5172.2	88.146	2432.3
#2	3078.1	44825.	5154.3	89.352	2458.8

Sample Name: J5981-02 Acquired: 11/19/2018 15:36:40 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-02(11-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09874	-.02771	12.790	-.09465	.02422	246.72	9.4856
Stddev	.00696	.00114	.008	.00731	.00254	1.16	.0309
%RSD	7.0455	4.1006	.06027	7.7273	10.472	.46977	.32630

#1	.09382	-.02851	12.785	-.08947	.02601	245.90	9.5075
#2	.10366	-.02690	12.796	-.09982	.02243	247.54	9.4638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01093	.04573	430.10	.69013	.21632	1.2095	473.68
Stddev	.00000	.00149	1.34	.00199	.00047	.0098	6.86
%RSD	.01819	3.2665	.31130	.28858	.21643	.81403	1.4481

#1	.01093	.04467	431.05	.68872	.21599	1.2025	478.53
#2	.01093	.04679	429.15	.69154	.21665	1.2164	468.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7464	136.29	.63647	.00612	4.6423	1.1113	11.148
Stddev	.0335	.03	.00138	.00144	.0103	.0005	.213
%RSD	.49619	.02116	.21623	23.489	.22080	.04337	1.9101

#1	6.7228	136.27	.63550	.00714	4.6350	1.1116	11.298
#2	6.7701	136.31	.63745	.00510	4.6495	1.1110	10.997

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.135	.01740	.02660	F 39.508	2.3853	.36063	F 13.034
Stddev	.337	.00036	.01722	.045	.0268	.00288	.046
%RSD	.55132	2.0743	64.749	.11266	1.1245	.79946	.35539

#1	61.373	.01715	.03878	39.539	2.4043	.35859	13.067
#2	60.897	.01766	.01442	39.476	2.3664	.36267	13.002

Sample Name: J5981-02 Acquired: 11/19/2018 15:36:40 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DTW-02(11-13 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26281	9.595	.91902	2.8570	F<.00000
Stddev	.00110	.016	.00059	.0417	.96118
%RSD	.41813	.1640	.06375	1.4599	.68891

#1	.26358	9.584	.91861	2.8275	-140.20
#2	.26203	9.606	.91943	2.8865	-138.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.2	46593.	5168.8	90.961	2546.0
Stddev	1.4	41.	37.0	1.962	5.4
%RSD	.04429	.08836	.71678	2.1566	.21130

#1	3108.1	46622.	5142.6	89.574	2542.2
#2	3106.2	46564.	5195.0	92.348	2549.8

Sample Name: CCV03 Acquired: 11/19/2018 15:46:08 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14209 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4421	4.8386	5.0901	5.1207	5.3433	10.739	9.8758	.26075
Stddev	.0030	.0084	.0008	.0197	.0098	.283	.3525	.00634
%RSD	.05560	.17379	.01555	.38403	.18425	2.6385	3.5692	2.4317
#1	5.4442	4.8326	5.0907	5.1068	5.3364	10.939	10.125	.26523
#2	5.4399	4.8445	5.0896	5.1346	5.3503	10.539	9.6266	.25626
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4299	25.476	.93674	2.5069	1.2709	4.6967	2.6052	23.289
Stddev	.0021	.830	.02692	.0044	.0012	.0465	.0633	.940
%RSD	.08653	3.2585	2.8741	.17716	.09613	.98943	2.4293	4.0351
#1	2.4284	26.063	.95577	2.5038	1.2701	4.7296	2.6500	23.953
#2	2.4314	24.889	.91770	2.5101	1.2718	4.6638	2.5605	22.624
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3819	1.2388	22.527	2.3575	2.5196	24.325	4.8741	4.6516
Stddev	.0028	.0267	.754	.0529	.0103	.834	.0216	.1246
%RSD	.11583	2.1545	3.3477	2.2435	.40754	3.4283	.44307	2.6785
#1	2.3800	1.2577	23.060	2.3948	2.5269	24.914	4.8588	4.7397
#2	2.3839	1.2199	21.994	2.3201	2.5124	23.735	4.8893	4.5635
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5900	4.5056	4.9178	4.8178	4.8184	4.888	5.1892	F 6.4479
Stddev	.0294	.1393	.0106	.1601	.1626	.009	.1965	.3379
%RSD	.63974	3.0922	.21610	3.3236	3.3755	.1948	3.7864	5.2408
#1	4.5692	4.6041	4.9102	4.9310	4.9334	4.881	5.3282	6.6868
#2	4.6107	4.4071	4.9253	4.7046	4.7034	4.895	5.0503	6.2089

Sample Name: CCV03 Acquired: 11/19/2018 15:46:08 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14209 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.2652
 Stddev .1126
 %RSD 4.9705

#1 2.3448
 #2 2.1855

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.3	43701.	4474.3	98.593	3013.5
Stddev	1.9	899.	154.6	.492	.6
%RSD	.06650	2.0578	3.4553	.49894	.01976

#1	2918.7	43066.	4365.0	98.245	3013.1
#2	2915.9	44337.	4583.6	98.941	3013.9

Sample Name: CCB03 Acquired: 11/19/2018 15:49:53 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14209 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00202	-.00111	.00068	F .00684	-.00062	-.00524	.00112	.00008
Stddev	.00180	.00030	.00058	.00206	.00056	.00383	.00023	.00001
%RSD	89.257	26.877	85.286	30.086	90.032	73.151	20.697	15.378

#1	-.00329	-.00090	.00027	.00830	-.00101	-.00253	.00129	.00009
#2	-.00074	-.00132	.00108	.00539	-.00022	-.00795	.00096	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00456	.00031	-.00012	-.00027	.00359	-.00007	-.01751
Stddev	.00005	.00729	.00006	.00003	.00050	.00657	.00005	.03223
%RSD	112.68	159.87	17.793	23.299	181.72	182.78	69.469	184.09

#1	-.00008	.00971	.00027	-.00010	-.00063	.00824	-.00010	-.04029
#2	-.00001	-.00059	.00035	-.00014	.00008	-.00105	-.00004	.00528

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00025	-.05065	-.00030	-.00128	-.15864	.00070	-.00178
Stddev	.00010	.00015	.00153	.00020	.00007	.02379	.00000	.00521
%RSD	53.747	59.438	3.0184	64.879	5.6705	14.997	.09372	293.01

#1	-.00026	.00014	-.05173	-.00016	-.00123	-.17546	.00070	-.00546
#2	-.00012	.00035	-.04957	-.00044	-.00134	-.14182	.00070	.00191

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00150	.00632	-.00003	.00006	-.00964	-.0056	-.00012	F 5.5723
Stddev	.00337	.00231	.00017	.00103	.00086	.0003	.00003	.1122
%RSD	224.60	36.610	505.28	1727.0	8.9374	6.186	27.748	2.0133

#1	.00088	.00795	.00008	.00079	-.00903	-.0054	-.00009	5.4930
#2	-.00388	.00468	-.00015	-.00067	-.01025	-.0059	-.00014	5.6516

Sample Name: CCB03 Acquired: 11/19/2018 15:49:53 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14209 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .46185
Stddev .49309
%RSD 106.76

#1 .81052
#2 .11318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.5	45479.	4484.3	103.27	3412.2
Stddev	2.8	243.	42.2	1.92	7.7
%RSD	.09277	.53451	.94210	1.8628	.22530

#1	3047.5	45651.	4454.4	101.91	3406.7
#2	3051.5	45307.	4514.1	104.63	3417.6

Sample Name: J5981-03 Acquired: 11/19/2018 15:53:58 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5981-02MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84405	1.8762	11.660	1.6525	.12524	245.17	9.9049
Stddev	.00285	.0025	.048	.0029	.00060	1.29	.0744
%RSD	.33709	.13235	.41093	.17677	.47921	.52690	.75086

#1	.84203	1.8744	11.694	1.6504	.12482	246.08	9.9575
#2	.84606	1.8779	11.626	1.6545	.12567	244.26	9.8523

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20546	.25599	368.28	.96004	.42027	1.4635	470.26
Stddev	.00017	.00005	1.18	.00210	.00030	.0116	6.06
%RSD	.08090	.02096	.32123	.21904	.07123	.79166	1.2884

#1	.20557	.25603	369.12	.96152	.42048	1.4553	474.54
#2	.20534	.25595	367.44	.95855	.42006	1.4717	465.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8182	104.04	1.0921	.07531	7.3607	1.3532	10.882
Stddev	.0171	.97	.0015	.00184	.0382	.0058	.149
%RSD	.25088	.93361	.14207	2.4440	.51927	.43189	1.3729

#1	6.8303	104.73	1.0932	.07661	7.3877	1.3574	10.988
#2	6.8061	103.36	1.0910	.07400	7.3337	1.3491	10.777

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.157	.35333	.29578	F 38.375	3.4862	1.0591	F 13.288
Stddev	.453	.00223	.00319	.083	.0046	.0057	.127
%RSD	.65436	.63166	1.0783	.21532	.13213	.54314	.95544

#1	69.477	.35175	.29803	38.433	3.4829	1.0632	13.377
#2	68.837	.35491	.29352	38.317	3.4894	1.0550	13.198

Sample Name: J5981-03 Acquired: 11/19/2018 15:53:58 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5981-02MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44713	F 16.27	1.1709	3.0731	F<.00000
Stddev	.00029	.05	.0006	.1588	.05886
%RSD	.06444	.2950	.05512	5.1686	.04408

#1	.44733	16.30	1.1714	3.1854	-133.49
#2	.44692	16.23	1.1704	2.9608	-133.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3097.1	46440.	5064.5	88.808	2561.6
Stddev	8.7	250.	28.7	1.083	4.9
%RSD	.27974	.53918	.56594	1.2198	.19102

#1	3103.2	46263.	5044.2	88.042	2558.1
#2	3090.9	46617.	5084.8	89.574	2565.0

Sample Name: J5981-05 Acquired: 11/19/2018 15:57:57 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5981-02MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34166	-.02487	.65130	-.45258	.14815	2.2056	.35254
Stddev	.00616	.00015	.00117	.00610	.00037	.0028	.00180
%RSD	1.8026	.61514	.17975	1.3479	.24680	.12777	.51179

#1	.34602	-.02497	.65213	-.45689	.14841	2.2076	.35127
#2	.33731	-.02476	.65047	-.44826	.14790	2.2036	.35382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00911	.01753	2.0697	1.3831	.18275	7.0293	F 1512.8
Stddev	.00058	.00047	.0354	.0071	.00052	.0024	4.6
%RSD	6.3147	2.6601	1.7105	.51316	.28662	.03394	.30199

#1	.00870	.01786	2.0447	1.3781	.18312	7.0276	1509.6
#2	.00951	.01720	2.0947	1.3881	.18238	7.0309	1516.1

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31907	.35558	1.4107	-.03805	.74307	.90834	2.1907
Stddev	.00151	.09600	.0021	.00120	.00305	.00194	.0176
%RSD	.47318	26.999	.15001	3.1486	.41030	.21367	.80463

#1	.32014	.42346	1.4092	-.03720	.74523	.90697	2.1782
#2	.31800	.28769	1.4122	-.03890	.74091	.90971	2.2031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6923	.25501	-.59528	F 1928.2	5.2819	.27366	4.3213
Stddev	.0088	.00133	.00077	15.3	.0309	.00321	.0191
%RSD	.23923	.52002	.12961	.79134	.58521	1.1722	.44117

#1	3.6861	.25595	-.59582	1939.0	5.2601	.27140	4.3078
#2	3.6986	.25408	-.59473	1917.4	5.3038	.27593	4.3348

Sample Name: J5981-05 Acquired: 11/19/2018 15:57:57 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5981-02MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01363	.9885	F -1.6169	<.00000	^ *****
Stddev	.00048	.0034	.0045	.09954	-----
%RSD	3.5174	.3489	.28060	5.3064	-----

#1	-.01329	.9910	-1.6137	-1.8054	^ -----
#2	-.01397	.9861	-1.6202	-1.9462	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.2	41997.	4518.9	92.111	2642.4
Stddev	3.2	38.	13.5	.659	4.0
%RSD	.11410	.09102	.29795	.71532	.15233

#1	2793.0	41970.	4528.4	92.577	2639.6
#2	2797.5	42024.	4509.4	91.645	2645.3

Sample Name: J5981-06 Acquired: 11/19/2018 16:02:00 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-02(11-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11623	-.03319	6.3676	-.09634	.01450	243.14	4.5573
Stddev	.01034	.00076	.0076	.00172	.00271	3.14	.0158
%RSD	8.8982	2.3043	.11971	1.7870	18.698	1.2907	.34655

#1	.10891	-.03265	6.3622	-.09756	.01258	240.92	4.5685
#2	.12354	-.03373	6.3730	-.09513	.01642	245.36	4.5461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01195	.02507	938.04	.38119	.25885	.79650	459.62
Stddev	.00003	.00098	6.29	.00306	.00077	.00473	10.61
%RSD	.25857	3.8975	.67041	.80148	.29646	.59367	2.3088

#1	.01193	.02438	942.49	.37903	.25940	.79316	467.13
#2	.01197	.02576	933.59	.38335	.25831	.79985	452.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4597	212.56	.43253	.00495	6.2782	.57801	11.487
Stddev	.0361	2.27	.00154	.00171	.0117	.00147	.310
%RSD	.48453	1.0691	.35716	34.530	.18645	.25475	2.7019

#1	7.4341	214.17	.43362	.00615	6.2865	.57697	11.707
#2	7.4852	210.96	.43144	.00374	6.2699	.57905	11.268

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.342	.03375	.05310	F 61.109	2.0371	.24317	F 12.372
Stddev	.367	.00048	.01921	.004	.0084	.00055	.054
%RSD	.52918	1.4361	36.180	.00706	.41178	.22422	.43732

#1	69.602	.03409	.06668	61.112	2.0430	.24279	12.410
#2	69.083	.03341	.03951	61.106	2.0312	.24356	12.334

Sample Name: J5981-06 Acquired: 11/19/2018 16:02:00 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DTW-02(11-13 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39553	F 11.38	1.6340	3.5835	F<.00000
Stddev	.00241	.00	.0007	.3207	.91944
%RSD	.60846	.0056	.04513	8.9493	.77801

#1	.39723	11.38	1.6345	3.3567	-117.53
#2	.39383	11.38	1.6334	3.8103	-118.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.3	44905.	5099.2	85.555	2344.9
Stddev	11.5	327.	54.6	2.173	3.5
%RSD	.38575	.72840	1.0698	2.5396	.14877

#1	2982.2	45137.	5060.6	84.018	2347.4
#2	2998.5	44674.	5137.8	87.091	2342.4

Sample Name: J5989-01 Acquired: 11/19/2018 16:06:04 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-03(8-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20883	-.00523	1.2601	-.03624	.00544	54.813	.58731
Stddev	.00099	.00177	.0006	.00297	.00048	.048	.00468
%RSD	.47517	33.778	.04433	8.1997	8.7785	.08839	.79649

#1	.20953	-.00648	1.2597	-.03414	.00511	54.779	.58400
#2	.20812	-.00398	1.2605	-.03834	.00578	54.847	.59062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	.00186	27.289	.18296	.05839	.62950	161.55
Stddev	.00001	.00026	.256	.00018	.00022	.00172	2.31
%RSD	.26274	14.157	.93955	.09743	.37299	.27244	1.4318

#1	.00568	.00168	27.108	.18309	.05854	.62829	163.19
#2	.00566	.00205	27.470	.18283	.05823	.63071	159.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0706	16.562	.15394	-.00059	2.8686	.38887	.90318
Stddev	.0006	.068	.00028	.00045	.0123	.00289	.01415
%RSD	.05907	.41212	.17871	76.085	.42813	.74195	1.5663

#1	1.0710	16.514	.15414	-.00027	2.8773	.38683	.91319
#2	1.0701	16.610	.15375	-.00091	2.8600	.39091	.89318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3970	.01615	-.00252	4.4778	2.7830	.06959	2.5403
Stddev	.0473	.00028	.00480	.0146	.0201	.00002	.0004
%RSD	1.0763	1.7625	190.49	.32560	.72270	.02981	.01618

#1	4.3635	.01595	.00087	4.4881	2.7687	.06958	2.5400
#2	4.4305	.01635	-.00592	4.4675	2.7972	.06961	2.5406

Sample Name: J5989-01 Acquired: 11/19/2018 16:06:04 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DTW-03(8-10) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04222	3.393	.26562	3.4569	F<.00000
Stddev	.00112	.003	.00489	.0327	.70457
%RSD	2.6631	.0913	1.8405	.94618	3.3914

#1	.04301	3.395	.26217	3.4338	-20.277
#2	.04142	3.391	.26908	3.4801	-21.273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3232.3	49143.	5058.8	102.19	3149.8
Stddev	1.3	118.	39.7	1.51	1.9
%RSD	.03867	.24038	.78496	1.4729	.06069

#1	3231.4	49227.	5086.9	101.12	3148.4
#2	3233.1	49060.	5030.8	103.25	3151.1

Sample Name: J5991-01 Acquired: 11/19/2018 16:09:57 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09752	-.01558	1.2873	-.06677	.00911	155.68	.94111
Stddev	.00278	.00095	.0074	.00063	.00251	3.17	.01314
%RSD	2.8482	6.1233	.57206	.94259	27.519	2.0355	1.3960

#1	.09948	-.01490	1.2925	-.06721	.01088	157.92	.95040
#2	.09555	-.01625	1.2821	-.06632	.00734	153.44	.93182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00736	.00366	99.411	.24083	.15031	.71070	320.14
Stddev	.00022	.00078	1.285	.00525	.00117	.00161	8.77
%RSD	2.9955	21.265	1.2929	2.1812	.77857	.22665	2.7403

#1	.00752	.00311	100.32	.24454	.15114	.71184	326.34
#2	.00721	.00421	98.503	.23711	.14948	.70956	313.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1312	57.517	.56961	.00015	7.9645	.44761	1.8561
Stddev	.1022	.816	.00669	.00024	.0978	.00961	.0559
%RSD	1.9918	1.4188	1.1748	157.10	1.2273	2.1479	3.0096

#1	5.2034	58.094	.57434	-.00002	8.0336	.45441	1.8956
#2	5.0589	56.940	.56488	.00032	7.8954	.44081	1.8166

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.195	.00646	.04861	7.0856	3.5855	.07767	3.7036
Stddev	.152	.00032	.01383	.1022	.0540	.00011	.0160
%RSD	1.2494	4.9217	28.451	1.4416	1.5070	.14770	.43274

#1	12.302	.00623	.05839	7.1579	3.5473	.07775	3.7149
#2	12.087	.00668	.03883	7.0134	3.6238	.07759	3.6923

Sample Name: J5991-01 Acquired: 11/19/2018 16:09:57 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13497	6.929	.07222	2.8825	F<.00000
Stddev	.00168	.077	.00244	.2070	.77407
%RSD	1.2447	1.113	3.3843	7.1828	.99339

#1	.13615	6.983	.07049	3.0289	-78.469
#2	.13378	6.874	.07394	2.7361	-77.374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.5	49096.	5284.6	96.075	2832.9
Stddev	17.1	813.	62.6	2.733	21.1
%RSD	.51757	1.6550	1.1854	2.8445	.74388

#1	3293.4	48522.	5240.3	94.143	2818.0
#2	3317.6	49671.	5328.9	98.008	2847.8

Sample Name: J5981-04 Acquired: 11/19/2018 16:13:53 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ES-RO-343 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83791	1.8593	11.631	1.6340	.12339	244.43	9.8784
Stddev	.00995	.0015	.014	.0005	.00407	4.34	.0373
%RSD	1.1873	.07918	.12233	.03189	3.2997	1.7755	.37761

#1	.84495	1.8604	11.641	1.6336	.12627	247.50	9.9048
#2	.83088	1.8583	11.621	1.6344	.12051	241.36	9.8520

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20488	.25537	364.31	.95551	.41831	1.4661	455.22
Stddev	.00452	.00071	.62	.01956	.00018	.0044	1.22
%RSD	2.2082	.27983	.17067	2.0475	.04361	.30003	.26900

#1	.20808	.25487	364.75	.96934	.41818	1.4692	454.36
#2	.20168	.25588	363.87	.94167	.41844	1.4630	456.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8161	103.30	1.0818	.07420	7.3015	1.3379	10.478
Stddev	.1486	.20	.0006	.00076	.0246	.0328	.031
%RSD	2.1800	.19356	.05396	1.0206	.33738	2.4533	.29246

#1	6.9212	103.44	1.0822	.07366	7.3189	1.3611	10.456
#2	6.7111	103.16	1.0813	.07473	7.2840	1.3147	10.499

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.777	.34957	.29057	F 38.137	3.4978	1.0553	F 13.236
Stddev	.100	.00010	.00406	.046	.0184	.0003	.080
%RSD	.14609	.02777	1.3967	.12021	.52476	.02668	.60460

#1	68.848	.34964	.28770	38.170	3.4848	1.0551	13.293
#2	68.706	.34950	.29344	38.105	3.5108	1.0555	13.180

Sample Name: J5981-04 Acquired: 11/19/2018 16:13:53 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ES-RO-343 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44102	F 16.19	1.1790	2.8572	F<.00000
Stddev	.00025	.02	.0078	.2959	1.7042
%RSD	.05562	.1111	.65885	10.358	1.2689

#1	.44119	16.20	1.1845	3.0665	-135.51
#2	.44084	16.17	1.1735	2.6480	-133.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.3	46543.	5095.4	91.798	2555.3
Stddev	16.8	932.	26.6	.204	6.9
%RSD	.54268	2.0024	.52167	.22253	.27018

#1	3078.5	45884.	5076.6	91.942	2550.4
#2	3102.2	47202.	5114.2	91.653	2560.2

Sample Name: J5981-02A Acquired: 11/19/2018 16:17:51 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-RO-358 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84363	1.8716	11.659	1.6577	.12488	249.60	9.9858
Stddev	.00023	.0059	.057	.0071	.00018	2.18	.1232
%RSD	.02697	.31480	.49160	.42720	.14399	.87341	1.2334

#1	.84347	1.8757	11.700	1.6627	.12500	251.14	9.8987
#2	.84379	1.8674	11.619	1.6527	.12475	248.06	10.073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20825	.25488	368.58	.97241	.42028	1.4601	474.49
Stddev	.00369	.00100	6.19	.02027	.00103	.0082	6.01
%RSD	1.7711	.39173	1.6804	2.0843	.24401	.55947	1.2671

#1	.21086	.25559	364.20	.98675	.42100	1.4658	470.24
#2	.20564	.25418	372.96	.95808	.41955	1.4543	478.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8900	104.51	1.0933	.07647	7.4005	1.3654	10.898
Stddev	.0369	1.40	.0018	.00084	.0799	.0221	.073
%RSD	.53632	1.3375	.15993	1.0943	1.0794	1.6201	.66836

#1	6.9161	103.52	1.0946	.07588	7.3440	1.3810	10.847
#2	6.8639	105.50	1.0921	.07706	7.4569	1.3497	10.950

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.436	.35277	.30861	F 38.448	3.5361	1.0595	F 13.399
Stddev	.894	.00033	.00540	.084	.0262	.0059	.145
%RSD	1.2877	.09448	1.7492	.21823	.73963	.55236	1.0798

#1	68.803	.35301	.31243	38.507	3.5176	1.0636	13.297
#2	70.068	.35254	.30479	38.389	3.5546	1.0553	13.501

Sample Name: J5981-02A Acquired: 11/19/2018 16:17:51 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WS-RO-358 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44768	F 16.28	1.1756	3.1406	F<.00000
Stddev	.00521	.07	.0195	.2416	.06722
%RSD	1.1647	.4042	1.6578	7.6915	.04981

#1	.44400	16.32	1.1619	3.3114	-134.89
#2	.45137	16.23	1.1894	2.9698	-134.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.5	45786.	5059.9	88.462	2551.4
Stddev	9.9	687.	41.7	.598	11.8
%RSD	.32059	1.4997	.82492	.67625	.46387

#1	3086.4	45300.	5089.4	88.885	2543.0
#2	3100.5	46271.	5030.4	88.039	2559.8

Sample Name: PB114921BL Acquired: 11/19/2018 16:33:48 Type: Unk
Method: P4-ICP2(v2595) 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	-.00387	-.00031	.00333	-.00082	-.00028	-.00013	.00136	.00012
Stddev	.00033	.00087	.00029	.00378	.00082	.01544	.00088	.00005
%RSD	8.5415	279.59	8.7272	458.78	288.45	11869.	64.539	39.634

#1	-.00364	-.00092	.00312	-.00350	-.00086	-.01105	.00198	.00009
#2	-.00410	.00030	.00353	.00185	.00030	.01079	.00074	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00598	-.00036	.00009	-.00004	.00028	-.00010	-.00495
Stddev	.00003	.00659	.00012	.00014	.00043	.00140	.00002	.00493
%RSD	52.397	110.30	33.452	152.76	1029.2	490.84	24.565	99.560

#1	-.00004	.01064	-.00028	.00019	-.00035	-.00070	-.00008	-.00147
#2	-.00008	.00132	-.00045	-.00001	.00026	.00127	-.00012	-.00844

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00028	-.06806	-.00067	-.00058	-.17748	.00039	-.00237
Stddev	.00004	.00046	.00686	.00027	.00024	.02951	.00000	.00861
%RSD	449.47	161.89	10.081	39.889	41.841	16.627	.39663	363.83

#1	-.00004	.00061	-.07291	-.00086	-.00041	-.19835	.00039	-.00845
#2	.00002	-.00004	-.06321	-.00048	-.00076	-.15661	.00039	.00372

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03439	.00649	-.00137	.00118	-.01005	-.0055	-.00005	5.5651
Stddev	.00245	.00139	.00061	.00017	.00034	.0008	.00001	.4016
%RSD	7.1297	21.345	44.539	14.299	3.3677	15.12	27.891	7.2161

#1	.03613	.00551	-.00094	.00130	-.00981	-.0049	-.00004	5.8491
#2	.03266	.00747	-.00180	.00106	-.01029	-.0061	-.00005	5.2811

Sample Name: PB114921BL Acquired: 11/19/2018 16:33:48 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .25498
Stddev .14744
%RSD 57.825

#1 .35924
#2 .15072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.7	45086.	4346.8	99.206	3407.0
Stddev	10.3	843.	143.3	4.505	6.2
%RSD	.34085	1.8688	3.2975	4.5407	.18159

#1	3023.4	44490.	4245.4	96.020	3402.7
#2	3038.0	45682.	4448.1	102.39	3411.4

Sample Name: PB114921BS Acquired: 11/19/2018 16:37:51 Type: Unk
Method: P4-ICP2(v2595) 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	.79207	1.8315	.93692	1.9364	.82763	2.0099	.19854
Stddev	.00043	.0049	.00076	.0012	.00479	.0457	.00301
%RSD	.05384	.26651	.08077	.06085	.57924	2.2725	1.5167

#1	.79177	1.8280	.93745	1.9356	.82424	2.0422	.20067
#2	.79237	1.8349	.93638	1.9373	.83102	1.9776	.19641

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19902	.17750	1.0475	.36747	.18783	.30467	2.6888
Stddev	.00620	.00002	.0412	.01115	.00023	.00056	.0234
%RSD	3.1161	.01013	3.9298	3.0348	.12121	.18270	.87202

#1	.20340	.17751	1.0766	.37536	.18799	.30506	2.6723
#2	.19463	.17749	1.0184	.35959	.18767	.30427	2.7054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21014	1.8522	.44815	.06875	2.6247	.27359	.19492
Stddev	.00638	.0262	.00147	.00201	.0100	.00784	.00230
%RSD	3.0345	1.4152	.32757	2.9249	.37927	2.8662	1.1789

#1	.21465	1.8707	.44712	.07017	2.6317	.27914	.19329
#2	.20563	1.8337	.44919	.06733	2.6176	.26805	.19654

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3150	.39279	.25805	F .02036	.82696	.65081	.19447
Stddev	.1004	.00055	.01058	.00065	.00474	.00242	.00032
%RSD	1.0781	.14001	4.1017	3.2124	.57345	.37154	.16432

#1	9.3861	.39318	.26553	.01990	.83031	.64910	.19469
#2	9.2440	.39240	.25056	.02082	.82361	.65252	.19424

Sample Name: PB114921BS Acquired: 11/19/2018 16:37:51 Type: Unk
Method: P4-ICP2(v2595) 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	.17852	5.102	.20357	F 5.4657	F<.00000
Stddev	.00291	.003	.00045	.3970	.78148
%RSD	1.6289	.0580	.22291	7.2634	83.917

#1	.18058	5.100	.20389	5.7464	-1.4838
#2	.17647	5.104	.20325	5.1850	-.37867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.5	45204.	4445.2	102.98	3332.8
Stddev	.1	1196.	22.3	1.24	7.7
%RSD	.00219	2.6454	.50238	1.2047	.23104

#1	3013.5	44358.	4429.4	103.86	3338.3
#2	3013.6	46049.	4461.0	102.10	3327.4

Sample Name: CCV04 Acquired: 11/19/2018 17:09:01 Type: Unk
Method: P4-ICP2(v2595) 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	5.3861	4.8179	5.0551	5.0878	5.2947	10.920	10.018	.26665
Stddev	.0014	.0059	.0133	.0035	.0001	.176	.089	.00530
%RSD	.02580	.12176	.26260	.06862	.00188	1.6079	.89333	1.9863
#1	5.3851	4.8220	5.0645	5.0902	5.2948	10.796	10.081	.26291
#2	5.3871	4.8137	5.0457	5.0853	5.2947	11.045	9.9549	.27040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4165	25.810	.96411	2.4955	1.2585	4.7415	2.6688	23.582
Stddev	.0034	.328	.01887	.0066	.0008	.1682	.0529	.248
%RSD	.14011	1.2691	1.9568	.26535	.06383	3.5468	1.9811	1.0527
#1	2.4189	26.042	.95077	2.5002	1.2579	4.8604	2.6314	23.758
#2	2.4141	25.579	.97745	2.4908	1.2590	4.6226	2.7062	23.407
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3697	1.2675	25.513	2.4156	2.5438	24.533	4.8324	4.7097
Stddev	.0042	.0183	.176	.0487	.0812	.300	.0104	.0432
%RSD	.17734	1.4458	.69065	2.0176	3.1908	1.2211	.21510	.91775
#1	2.3727	1.2545	25.637	2.3812	2.6012	24.745	4.8250	4.7403
#2	2.3667	1.2805	25.388	2.4501	2.4864	24.321	4.8397	4.6791
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5814	4.5761	4.9064	4.8933	4.8675	4.876	5.2623	F 6.7546
Stddev	.0060	.0289	.0157	.0433	.0462	.003	.0509	.2357
%RSD	.13149	.63217	.31957	.88462	.94925	.0667	.96663	3.4889
#1	4.5772	4.5965	4.9175	4.9239	4.9001	4.878	5.2983	6.5879
#2	4.5857	4.5556	4.8953	4.8627	4.8348	4.874	5.2263	6.9212

Sample Name: CCV04 Acquired: 11/19/2018 17:09:01 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4541
Stddev .2013
%RSD 8.2041

#1 2.5965
#2 2.3118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.2	42492.	4356.3	96.651	2996.8
Stddev	6.8	634.	53.4	3.271	15.3
%RSD	.23488	1.4929	1.2251	3.3842	.51040

#1	2908.4	42941.	4318.6	94.338	2986.0
#2	2918.1	42044.	4394.1	98.964	3007.6

Sample Name: CCB04 Acquired: 11/19/2018 17:12:43 Type: Unk
Method: P4-ICP2(v2595) 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	-.00016	-.00147	.00023	.00245	.00154	-.00131	.00108	.00007
Stddev	.00377	.00211	.00006	.00205	.00120	.02408	.00031	.00003
%RSD	2408.7	143.21	25.210	83.619	77.472	1833.7	28.901	49.107
#1	.00251	.00002	.00019	.00390	.00239	-.01834	.00086	.00005
#2	-.00282	-.00297	.00027	.00100	.00070	.01571	.00130	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01613	.00056	-.00026	.00026	.00776	-.00008	.00913
Stddev	.00001	.02050	.00046	.00016	.00019	.01020	.00000	.04461
%RSD	50.871	127.06	82.120	61.780	70.471	131.54	1.2395	488.61
#1	-.00002	-.00164	.00023	-.00015	.00039	.00054	-.00008	-.02242
#2	-.00001	-.03063	.00088	-.00038	.00013	.01497	-.00008	.04068
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00043	-.08523	-.00081	-.00148	-.20407	.00062	-.00498
Stddev	.00016	.00015	.00084	.00057	.00011	.03852	.00029	.00015
%RSD	27.366	35.259	.98037	70.232	7.4091	18.875	46.984	2.9187
#1	-.00047	-.00054	-.08464	-.00041	-.00140	-.23130	.00082	-.00509
#2	-.00069	-.00033	-.08582	-.00121	-.00156	-.17683	.00041	-.00488
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00913	.00790	-.00097	.00214	-.00819	-.0048	-.00012	F 5.4832
Stddev	.00036	.00177	.00031	.00113	.00136	.0003	.00001	.0107
%RSD	3.9340	22.427	32.595	52.798	16.599	5.808	7.4017	.19569
#1	.00939	.00916	-.00119	.00293	-.00915	-.0050	-.00012	5.4756
#2	.00888	.00665	-.00074	.00134	-.00723	-.0046	-.00011	5.4908

Sample Name: CCB04 Acquired: 11/19/2018 17:12:43 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .59267
Stddev	.52182
%RSD	88.047

#1	.22368
#2	.96165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.2	45141.	4430.6	102.50	3396.8
Stddev	10.7	311.	21.4	2.93	4.9
%RSD	.35232	.68889	.48379	2.8582	.14297

#1	3024.6	45361.	4415.5	100.43	3393.4
#2	3039.8	44921.	4445.8	104.57	3400.3

Sample Name: PB114921TB Acquired: 11/19/2018 17:16:48 Type: Unk
Method: P4-ICP2(v2595) 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	-.00332	-.00377	-.00269	.00378	.00310	.00363	.00004	.00002
Stddev	.00084	.00030	.00116	.00356	.00149	.01675	.00078	.00001
%RSD	25.242	7.9485	43.181	94.054	48.255	461.54	1804.9	39.546

#1	-.00391	-.00398	-.00187	.00127	.00204	.01547	-.00051	.00002
#2	-.00273	-.00356	-.00351	.00630	.00415	-.00821	.00059	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.03071	.00133	-.00025	-.00032	-.00075	.00027	-.00829
Stddev	.00008	.01133	.00039	.00023	.00011	.00673	.00004	.02410
%RSD	87.089	36.904	29.484	91.500	32.557	901.32	13.734	290.61

#1	-.00014	.03873	.00105	-.00042	-.00040	.00401	.00024	-.02533
#2	-.00003	.02270	.00160	-.00009	-.00025	-.00551	.00029	.00875

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	.00195	F 310.66	-.00042	.00462	-.10840	.00075	-.00440
Stddev	.00036	.00010	7.57	.00055	.00025	.00889	.00009	.00250
%RSD	14.899	5.1251	2.4355	130.98	5.3847	8.1988	12.585	56.829

#1	.00218	.00202	305.31	-.00003	.00444	-.11469	.00082	-.00617
#2	.00270	.00188	316.01	-.00081	.00480	-.10212	.00069	-.00263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01387	.01755	.00052	.00019	-.00639	-.0044	-.00010	F 6.7614
Stddev	.00198	.00164	.00020	.00024	.00117	.0001	.00005	.0869
%RSD	14.251	9.3173	38.050	122.97	18.370	1.863	47.791	1.2854

#1	.01527	.01640	.00038	.00036	-.00722	-.0045	-.00013	6.8229
#2	.01247	.01871	.00066	.00003	-.00556	-.0044	-.00006	6.7000

Sample Name: PB114921TB Acquired: 11/19/2018 17:16:48 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.5723
 Stddev .6344
 %RSD 40.349

#1 1.1237
 #2 2.0209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.3	41703.	4410.9	100.16	3000.8
Stddev	9.0	316.	71.0	1.84	20.5
%RSD	.31273	.75671	1.6097	1.8339	.68163

#1	2875.9	41480.	4461.1	101.46	2986.3
#2	2888.7	41926.	4360.7	98.861	3015.3

Sample Name: PB114920BL Acquired: 11/19/2018 17:20:59 Type: Unk
Method: P4-ICP2(v2595) 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	-.00123	-.00081	-.00059	.00214	.00030	.00227	.00093	.00004
Stddev	.00131	.00054	.00112	.00133	.00046	.00336	.00103	.00009
%RSD	105.91	67.081	187.83	62.180	150.38	148.20	110.13	228.26
#1	-.00216	-.00043	.00019	.00308	.00062	.00464	.00166	-.00003
#2	-.00031	-.00120	-.00138	.00120	-.00002	-.00011	.00021	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00159	-.00007	.00011	.00028	-.00378	-.00010	-.00086
Stddev	.00010	.01043	.00028	.00023	.00018	.00057	.00005	.03002
%RSD	132.99	656.75	416.53	214.03	66.458	15.097	49.640	3509.8
#1	.00014	.00896	.00013	-.00006	.00015	-.00418	-.00014	-.02208
#2	.00000	-.00579	-.00027	.00027	.00041	-.00338	-.00007	.02037
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00017	-.00510	-.00067	-.00170	-.13410	.00032	-.00426
Stddev	.00030	.00092	.00050	.00040	.00005	.00993	.00002	.01299
%RSD	149.98	540.53	9.8833	59.504	3.0577	7.4070	7.0906	304.84
#1	.00001	-.00048	-.00474	-.00095	-.00166	-.12708	.00034	.00493
#2	-.00042	.00082	-.00545	-.00039	-.00174	-.14112	.00031	-.01345
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	.00447	-.00137	-.00055	-.00612	-.0041	-.00011	F 5.2131
Stddev	.00149	.00019	.00145	.00085	.00178	.0015	.00004	.0232
%RSD	35.841	4.3230	106.38	154.52	29.051	35.50	39.610	.44413
#1	.00310	.00434	-.00239	.00005	-.00486	-.0031	-.00014	5.1968
#2	.00521	.00461	-.00034	-.00115	-.00737	-.0051	-.00008	5.2295

Sample Name: PB114920BL Acquired: 11/19/2018 17:20:59 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .55052
Stddev .23305
%RSD 42.333

#1 .71532
#2 .38573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3098.0	45812.	4532.3	104.21	3465.8
Stddev	3.1	195.	57.9	.91	2.2
%RSD	.10059	.42618	1.2780	.86979	.06478

#1	3095.8	45950.	4491.4	104.85	3464.2
#2	3100.2	45674.	4573.3	103.57	3467.4

Sample Name: J5975-04 Acquired: 11/19/2018 17:25:04 Type: Unk
Method: P4-ICP2(v2595) 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	-.00098	-.00384	-.00161	.00437	-.00073	.03397	.05406	-.00001
Stddev	.00025	.00028	.00013	.00181	.00088	.00204	.00016	.00000
%RSD	25.266	7.3572	8.3613	41.307	120.70	6.0148	.29938	39.684

#1	-.00081	-.00404	-.00151	.00565	-.00011	.03253	.05395	-.00001
#2	-.00116	-.00364	-.00170	.00309	-.00134	.03542	.05418	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	15.196	.00022	-.00003	.00050	.05144	.29515	2.1874
Stddev	.00005	.041	.00059	.00018	.00006	.00378	.00013	.0062
%RSD	45.080	.26792	268.01	594.76	12.614	7.3557	.04322	.28540

#1	-.00013	15.168	.00064	-.00016	.00055	.05412	.29524	2.1829
#2	-.00007	15.225	-.00020	.00010	.00046	.04877	.29506	2.1918

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	.00010	36.920	.00056	.01871	2.5814	.01099	.03924
Stddev	.00002	.00005	.172	.00010	.00029	.0230	.00045	.01581
%RSD	1.8194	47.976	.46655	17.846	1.5353	.89179	4.1355	40.298

#1	.00112	.00006	36.798	.00049	.01891	2.5977	.01132	.02806
#2	.00109	.00013	37.042	.00063	.01850	2.5651	.01067	.05042

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3418	1.7480	-.00138	.00098	-.00782	.0278	.07636	5.6540
Stddev	.0057	.0068	.00023	.00194	.00003	.0006	.00001	.0428
%RSD	.24340	.39094	16.709	197.61	.43135	2.177	.01888	.75687

#1	2.3458	1.7432	-.00154	-.00039	-.00779	.0282	.07637	5.6843
#2	2.3378	1.7528	-.00121	.00235	-.00784	.0273	.07635	5.6238

Sample Name: J5975-04 Acquired: 11/19/2018 17:25:04 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .61442
 Stddev .52720
 %RSD 85.805

#1 .24163
 #2 .98721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.1	44880.	4529.2	104.44	3316.2
Stddev	29.9	119.	12.3	2.28	16.8
%RSD	.99232	.26594	.27083	2.1830	.50604

#1	2992.0	44795.	4537.8	102.83	3304.4
#2	3034.3	44964.	4520.5	106.06	3328.1

Sample Name: J5976-02 Acquired: 11/19/2018 17:29:07 Type: Unk
Method: P4-ICP2(v2595) 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	-.00293	-.00328	-.00154	.00208	.00042	.03782	.04456	.00007
Stddev	.00204	.00063	.00108	.00221	.00050	.00573	.00004	.00009
%RSD	69.528	19.104	70.196	106.06	118.90	15.155	.09649	119.28
#1	-.00437	-.00372	-.00078	.00052	.00077	.03377	.04453	.00001
#2	-.00149	-.00283	-.00230	.00364	.00007	.04187	.04459	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	22.306	.00043	-.00000	.00013	.02815	.17026	3.5410
Stddev	.00006	.123	.00036	.00025	.00010	.00736	.00034	.0552
%RSD	131.89	.55347	82.631	16945.	74.743	26.134	.20021	1.5590
#1	-.00009	22.219	.00069	.00017	.00006	.03335	.17002	3.5020
#2	-.00000	22.393	.00018	-.00018	.00020	.02295	.17050	3.5801
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00014	36.254	.00044	.01539	1.6643	.01067	.07286
Stddev	.00008	.00045	.122	.00021	.00020	.0146	.00025	.00952
%RSD	18.867	318.28	.33554	46.679	1.2831	.87596	2.3734	13.067
#1	.00038	.00018	36.168	.00059	.01526	1.6540	.01084	.07960
#2	.00050	-.00046	36.340	.00030	.01553	1.6746	.01049	.06613
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.925	1.0427	-.00576	.00138	-.00979	.0044	.13498	5.5316
Stddev	.062	.0021	.00010	.00139	.00040	.0023	.00013	.0476
%RSD	.48314	.19630	1.6618	100.51	4.0572	51.78	.09812	.86011
#1	12.969	1.0412	-.00582	.00040	-.00951	.0060	.13507	5.5652
#2	12.881	1.0441	-.00569	.00236	-.01007	.0028	.13488	5.4979

Sample Name: J5976-02 Acquired: 11/19/2018 17:29:07 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.95879
Stddev	.14816
%RSD	15.453

#1	.85403
#2	1.0636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.9	44991.	4531.8	106.60	3331.0
Stddev	7.7	35.	9.8	.49	19.4
%RSD	.25438	.07707	.21577	.46405	.58140

#1	3034.4	45016.	4524.9	106.95	3317.3
#2	3045.4	44966.	4538.7	106.25	3344.7

Sample Name: J5762-06 Acquired: 11/19/2018 17:33:10 Type: Unk
Method: P4-ICP2(v2595) 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	-.00429	-.00250	.00887	.00394	-.00045	.13791	.26776	.00015
Stddev	.00068	.00039	.00059	.00312	.00065	.00201	.00069	.00003
%RSD	15.792	15.386	6.6865	79.158	145.21	1.4558	.25835	21.157

#1	-.00381	-.00278	.00929	.00173	-.00091	.13933	.26727	.00013
#2	-.00477	-.00223	.00846	.00614	.00001	.13649	.26825	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	51.040	.00026	.00090	.00346	2.0582	.17413	5.5590
Stddev	.00000	.164	.00018	.00020	.00065	.0003	.00057	.0285
%RSD	5.9863	.32101	68.932	21.927	18.644	.01410	.32936	.51288

#1	-.00005	50.924	.00014	.00076	.00392	2.0584	.17454	5.5791
#2	-.00006	51.155	.00039	.00104	.00301	2.0580	.17373	5.5388

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	-.00018	285.71	-.00019	.13009	.65974	.00016	.00827
Stddev	.00014	.00083	1.07	.00019	.00144	.01661	.00021	.00452
%RSD	9.1943	456.62	.37572	99.351	1.1101	2.5179	129.87	54.654

#1	.00165	.00041	284.95	-.00033	.12907	.64799	.00031	.01146
#2	.00145	-.00077	286.47	-.00006	.13111	.67148	.00001	.00507

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34276	.36818	.00062	.00048	-.00772	-.0017	.12403	6.4148
Stddev	.00455	.00059	.00026	.00172	.00276	.0013	.00020	.0165
%RSD	1.3285	.15974	42.162	360.56	35.787	79.23	.16001	.25660

#1	.34598	.36860	.00080	-.00074	-.00968	-.0026	.12389	6.4265
#2	.33954	.36777	.00043	.00169	-.00577	-.0007	.12417	6.4032

Sample Name: J5762-06 Acquired: 11/19/2018 17:33:10 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4085
Stddev .5281
%RSD 21.926

#1 2.7819
#2 2.0351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2885.5	42074.	4459.4	101.37	2959.6
Stddev	14.7	114.	2.7	.95	17.2
%RSD	.51093	.27124	.06148	.93677	.58063

#1	2875.1	41993.	4457.5	102.04	2947.4
#2	2895.9	42155.	4461.3	100.69	2971.7

Sample Name: J5964-03 Acquired: 11/19/2018 17:37:19 Type: Unk
Method: P4-ICP2(v2595) 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	-.00601	-.00465	.00155	.00274	-.00029	.16937	.50416	.00061
Stddev	.00320	.00052	.00013	.00117	.00170	.00262	.00221	.00003
%RSD	53.240	11.092	8.1583	42.933	593.41	1.5484	.43760	5.0841

#1	-.00828	-.00501	.00164	.00357	.00092	.16751	.50572	.00058
#2	-.00375	-.00428	.00146	.00190	-.00149	.17122	.50260	.00063

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	14.539	.00118	-.00026	.00490	.03474	.25828	3.4980
Stddev	.00000	.097	.00023	.00003	.00040	.00180	.00226	.0566
%RSD	4.4420	.67018	19.240	11.794	8.1572	5.1930	.87501	1.6172

#1	.00008	14.470	.00135	-.00023	.00461	.03602	.25669	3.4580
#2	.00007	14.608	.00102	-.00028	.00518	.03347	.25988	3.5380

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00014	327.87	-.00011	.02287	1.8224	.00074	.01244
Stddev	.00013	.00001	1.17	.00065	.00004	.0192	.00010	.00390
%RSD	18.324	4.3080	.35681	591.52	.16385	1.0548	13.352	31.389

#1	.00064	.00013	328.70	.00035	.02284	1.8359	.00067	.01520
#2	.00083	.00014	327.04	-.00057	.02289	1.8088	.00081	.00968

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20454	.82669	-.00002	.00135	.00234	.0050	.21480	6.6448
Stddev	.00046	.00294	.00007	.00088	.00122	.0002	.00016	.0722
%RSD	.22532	.35545	320.82	64.941	52.174	3.225	.07309	1.0872

#1	.20487	.82461	.00003	.00197	.00148	.0048	.21469	6.5937
#2	.20422	.82877	-.00007	.00073	.00321	.0051	.21491	6.6959

Sample Name: J5964-03 Acquired: 11/19/2018 17:37:19 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0124
 Stddev .0467
 %RSD 2.3205

#1 1.9793
 #2 2.0454

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.6	41981.	4401.3	99.544	2956.3
Stddev	1.7	273.	16.8	.035	2.5
%RSD	.05704	.65080	.38140	.03547	.08336

#1	2894.8	42174.	4389.4	99.569	2958.1
#2	2892.4	41788.	4413.1	99.519	2954.6

Sample Name: J5964-06 Acquired: 11/19/2018 17:41:26 Type: Unk
 Method: P4-ICP2(v2595) 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	-.00290	-.00570	.00146	.00361	-.00191	.08935	.38381	.00021
Stddev	.00084	.00091	.00053	.00319	.00074	.00288	.00233	.00005
%RSD	28.813	16.028	36.608	88.504	38.898	3.2182	.60746	22.600

#1	-.00231	-.00635	.00108	.00135	-.00243	.08732	.38546	.00024
#2	-.00349	-.00505	.00183	.00587	-.00138	.09138	.38217	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	92.132	-.00003	.00120	.00523	-.00127	.73349	7.7254
Stddev	.00007	.709	.00032	.00005	.00016	.01116	.00094	.0083
%RSD	18.164	.76959	1127.8	4.0125	3.1154	881.05	.12771	.10677

#1	.00043	92.633	.00020	.00124	.00534	.00663	.73283	7.7196
#2	.00033	91.631	-.00026	.00117	.00511	-.00916	.73415	7.7313

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	-.00010	276.61	-.00007	.07528	2.1145	.00052	.01360
Stddev	.00036	.00019	3.58	.00046	.00207	.0347	.00022	.00274
%RSD	5.3314	193.65	1.2941	705.55	2.7465	1.6385	43.262	20.122

#1	.00643	.00004	279.14	-.00039	.07674	2.1390	.00067	.01553
#2	.00694	-.00023	274.08	.00026	.07382	2.0900	.00036	.01166

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2112	4.3935	.00094	.00002	.00471	.0002	.36640	6.8989
Stddev	.0088	.0072	.00100	.00121	.00005	.0016	.00355	.0630
%RSD	.39887	.16399	105.91	7871.7	.97679	1045.	.96753	.91241

#1	2.2174	4.3986	.00165	-.00084	.00474	-.0010	.36891	6.9434
#2	2.2049	4.3884	.00024	.00087	.00468	.0013	.36389	6.8544

Sample Name: J5964-06 Acquired: 11/19/2018 17:41:26 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1510
Stddev .4240
%RSD 19.713

#1 2.4508
#2 1.8511

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2885.2	41645.	4370.1	99.186	2969.0
Stddev	17.1	95.	19.0	2.645	13.5
%RSD	.59156	.22911	.43470	2.6670	.45430

#1	2873.2	41578.	4356.7	97.316	2959.4
#2	2897.3	41713.	4383.5	101.06	2978.5

Sample Name: J5975-02 Acquired: 11/19/2018 17:45:33 Type: Unk
Method: P4-ICP2(v2595) 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	.00064	-.00652	-.00406	.00048	-.00058	.08756	.16997	.00015
Stddev	.00177	.00051	.00036	.00246	.00002	.00327	.00027	.00000
%RSD	278.21	7.8591	8.8617	507.94	3.5987	3.7386	.15634	.55347
#1	-.00062	-.00616	-.00431	.00222	-.00060	.08988	.16978	.00015
#2	.00189	-.00688	-.00380	-.00126	-.00057	.08525	.17016	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	38.702	-.00073	.01650	-.01690	26.189	2.0771	2.7966
Stddev	.00012	.366	.00034	.00005	.00019	.052	.0018	.0296
%RSD	18.899	.94563	46.547	.30147	1.1248	.19800	.08775	1.0584
#1	-.00053	38.443	-.00049	.01647	-.01676	26.226	2.0758	2.7757
#2	-.00069	38.960	-.00097	.01654	-.01703	26.153	2.0783	2.8176
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03357	-.00090	266.44	.00177	.10519	2.0579	-.00005	-.00819
Stddev	.00083	.00049	.24	.00046	.00018	.0496	.00027	.00683
%RSD	2.4815	54.283	.08860	26.171	.16925	2.4111	528.35	83.366
#1	.03416	-.00056	266.27	.00210	.10532	2.0228	-.00024	-.01302
#2	.03298	-.00125	266.61	.00144	.10506	2.0929	.00014	-.00336
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28141	2.0905	.00062	-.00068	.00619	.1207	.13788	6.8005
Stddev	.00077	.0198	.00109	.00128	.00128	.0002	.00087	.0546
%RSD	.27521	.94507	174.98	188.45	20.605	.1461	.63435	.80299
#1	.28195	2.0765	-.00015	-.00159	.00529	.1206	.13726	6.7619
#2	.28086	2.1045	.00139	.00023	.00709	.1209	.13850	6.8391

Sample Name: J5975-02 Acquired: 11/19/2018 17:45:33 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7111
Stddev .0936
%RSD 1.3948

#1 6.6449
#2 6.7773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.6	41666.	4323.0	98.867	2976.5
Stddev	12.3	62.	15.9	.101	7.7
%RSD	.42493	.14794	.36721	.10241	.25971

#1	2881.9	41623.	4334.2	98.795	2971.1
#2	2899.2	41710.	4311.8	98.939	2982.0

Sample Name: PB114920TB Acquired: 11/19/2018 17:53:43 Type: Unk
Method: P4-ICP2(v2595) 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	-.00620	-.00348	-.00245	.00288	.00141	.00475	.00140	.00001
Stddev	.00071	.00151	.00047	.00200	.00053	.00905	.00004	.00008
%RSD	11.435	43.270	19.243	69.520	37.796	190.43	2.8677	570.29

#1	-.00670	-.00242	-.00279	.00147	.00103	.01115	.00137	.00007
#2	-.00570	-.00455	-.00212	.00430	.00179	-.00165	.00143	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00482	.00314	-.00018	-.00059	.01246	.00015	-.02006
Stddev	.00002	.00459	.00019	.00004	.00007	.01392	.00011	.01492
%RSD	6.9169	95.392	6.0946	20.693	11.693	111.70	73.804	74.389

#1	-.00021	.00807	.00301	-.00016	-.00064	.02231	.00007	-.03062
#2	-.00023	.00157	.00328	-.00021	-.00054	.00262	.00022	-.00951

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00145	292.03	-.00037	.00148	-.06412	.00039	-.00647
Stddev	.00001	.00021	1.96	.00041	.00008	.04517	.00005	.00498
%RSD	.64688	14.496	.67153	111.06	5.2897	70.446	13.031	76.936

#1	.00170	.00160	293.41	-.00008	.00154	-.09607	.00036	-.00999
#2	.00168	.00130	290.64	-.00066	.00142	-.03218	.00043	-.00295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00927	.01195	.00019	.00268	-.00335	-.0045	-.00009	6.6026
Stddev	.00334	.00132	.00031	.00041	.00070	.0001	.00008	.0081
%RSD	36.060	11.029	163.31	15.445	21.020	1.392	88.282	.12264

#1	.00691	.01102	.00041	.00239	-.00385	-.0045	-.00003	6.5968
#2	.01163	.01289	-.00003	.00298	-.00285	-.0046	-.00014	6.6083

Sample Name: PB114920TB Acquired: 11/19/2018 17:53:43 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6533
Stddev .3390
%RSD 20.502

#1 1.4136
#2 1.8930

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.4	41902.	4311.5	99.542	3022.1
Stddev	8.9	64.	27.5	.677	3.9
%RSD	.30552	.15389	.63828	.67969	.12832

#1	2916.1	41856.	4292.0	99.064	3019.4
#2	2928.7	41948.	4330.9	100.02	3024.8

Sample Name: PB114920BS Acquired: 11/19/2018 18:02:25 Type: Unk
Method: P4-ICP2(v2595) 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	.77499	1.8837	.93906	1.9329	.80111	1.9857	.20642
Stddev	.00289	.0002	.00263	.0041	.00212	.1038	.00910
%RSD	.37354	.01207	.28017	.21002	.26482	5.2247	4.4082

#1	.77703	1.8839	.94092	1.9358	.79961	1.9123	.19999
#2	.77294	1.8836	.93720	1.9301	.80261	2.0591	.21286

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19854	.18033	1.0864	.37869	.18852	.30643	2.8272
Stddev	.01168	.00010	.0308	.02048	.00011	.00025	.1160
%RSD	5.8809	.05511	2.8399	5.4093	.05697	.08190	4.1042

#1	.19028	.18040	1.0646	.36421	.18845	.30625	2.7452
#2	.20680	.18026	1.1082	.39317	.18860	.30660	2.9092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21059	1.9484	.45874	.06928	2.8972	.28329	.20166
Stddev	.01201	.1132	.00022	.00317	.1262	.01670	.00628
%RSD	5.7025	5.8073	.04823	4.5803	4.3561	5.8934	3.1118

#1	.20210	1.8684	.45889	.06704	2.8080	.27149	.19723
#2	.21908	2.0285	.45858	.07153	2.9864	.29510	.20610

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7256	.40046	.27879	F -.00023	.91297	.64418	.20023
Stddev	.3844	.00034	.01378	.00006	.04703	.00271	.00666
%RSD	3.9522	.08466	4.9413	26.558	5.1511	.42023	3.3272

#1	9.4538	.40022	.26905	-.00019	.87972	.64226	.19552
#2	9.9974	.40070	.28853	-.00027	.94623	.64609	.20495

Sample Name: PB114920BS Acquired: 11/19/2018 18:02:25 Type: Unk
Method: P4-ICP2(v2595) 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	.19429	5.222	.21347	F 5.0611	F<.00000
Stddev	.00983	.008	.00793	.8419	.35147
%RSD	5.0581	.1517	3.7169	16.635	456.70

#1	.18734	5.228	.20786	4.4657	.17157
#2	.20123	5.217	.21908	5.6564	-.32548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.9	45912.	4268.5	100.43	3396.6
Stddev	2.0	2203.	124.2	2.95	3.9
%RSD	.06532	4.7976	2.9089	2.9411	.11404

#1	3123.3	47469.	4356.3	102.52	3393.9
#2	3120.4	44354.	4180.7	98.341	3399.4

Sample Name: CCV05 Acquired: 11/19/2018 18:06:15 Type: Unk
Method: P4-ICP2(v2595) 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	5.2001	4.8623	4.9668	4.9994	5.1566	10.608	9.7982	.26171
Stddev	.0505	.0628	.0653	.0396	.0456	.052	.1622	.00134
%RSD	.97138	1.2907	1.3148	.79223	.88328	.49302	1.6555	.51358
#1	5.2358	4.9067	5.0130	5.0274	5.1888	10.645	9.6835	.26076
#2	5.1644	4.8179	4.9206	4.9714	5.1244	10.571	9.9129	.26266
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4062	26.026	.97671	2.4528	1.2528	4.8134	2.6297	23.716
Stddev	.0320	.197	.00157	.0375	.0129	.2283	.0078	.252
%RSD	1.3301	.75527	.16103	1.5285	1.0276	4.7428	.29645	1.0606
#1	2.4289	25.887	.97782	2.4793	1.2619	4.6520	2.6242	23.538
#2	2.3836	26.164	.97560	2.4263	1.2437	4.9748	2.6352	23.894
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3818	1.2489	25.807	2.4627	2.5602	24.188	4.9284	4.8146
Stddev	.0301	.0033	.468	.0107	.1157	.412	.0452	.0674
%RSD	1.2640	.26599	1.8147	.43659	4.5172	1.7018	.91710	1.3998
#1	2.4031	1.2466	25.476	2.4551	2.4784	23.897	4.9604	4.7669
#2	2.3606	1.2513	26.138	2.4703	2.6420	24.479	4.8965	4.8622
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6420	4.7816	4.8371	4.8504	4.8318	4.881	5.2003	F 6.2686
Stddev	.0757	.1101	.0649	.0503	.0782	.064	.0730	.0207
%RSD	1.6316	2.3034	1.3410	1.0380	1.6188	1.315	1.4032	.33076
#1	4.6956	4.7037	4.8830	4.8148	4.7765	4.926	5.1487	6.2539
#2	4.5885	4.8594	4.7913	4.8860	4.8872	4.835	5.2519	6.2833

Sample Name: CCV05 Acquired: 11/19/2018 18:06:15 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8138
Stddev .1656
%RSD 5.8835

#1 2.6967
#2 2.9309

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.9	43398.	4351.8	96.361	3078.6
Stddev	28.2	82.	41.0	4.316	39.7
%RSD	.93586	.18952	.94318	4.4788	1.2888

#1	2997.0	43339.	4380.9	99.413	3050.5
#2	3036.9	43456.	4322.8	93.309	3106.6

Sample Name: CCB05 Acquired: 11/19/2018 18:10:00 Type: Unk
Method: P4-ICP2(v2595) 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	-.00181	-.00001	-.00279	.00157	.00050	-.00604	.00163	.00009
Stddev	.00064	.00128	.00078	.00055	.00103	.01018	.00014	.00006
%RSD	35.213	8786.5	27.925	34.958	204.30	168.50	8.7368	72.392
#1	-.00226	-.00092	-.00334	.00119	.00123	.00116	.00173	.00004
#2	-.00136	.00089	-.00224	.00196	-.00022	-.01324	.00153	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01736	.00032	-.00012	.00014	.00421	-.00008	-.03923
Stddev	.00001	.00167	.00018	.00001	.00035	.00420	.00005	.00307
%RSD	62.391	9.6227	55.648	5.0852	251.00	99.763	62.670	7.8287
#1	-.00001	.01854	.00019	-.00012	.00039	.00124	-.00011	-.03706
#2	-.00003	.01618	.00044	-.00011	-.00011	.00718	-.00004	-.04141
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	.00005	-.00252	-.00014	-.00170	-.17125	.00062	-.00597
Stddev	.00080	.00044	.00865	.00006	.00013	.01826	.00003	.00406
%RSD	162.55	886.70	343.45	41.307	7.5241	10.665	4.2603	67.893
#1	-.00105	.00036	.00360	-.00010	-.00161	-.18417	.00064	-.00311
#2	.00007	-.00026	-.00864	-.00018	-.00179	-.15834	.00060	-.00884
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00452	-.00070	.00175	-.00810	-.0037	-.00014	F 4.9026
Stddev	.00091	.00069	.00028	.00074	.00118	.0015	.00007	.3963
%RSD	28.514	15.205	39.759	42.460	14.614	40.30	49.812	8.0833
#1	.00383	.00501	-.00090	.00122	-.00894	-.0047	-.00019	4.6224
#2	.00255	.00404	-.00050	.00227	-.00726	-.0026	-.00009	5.1828

Sample Name: CCB05 Acquired: 11/19/2018 18:10:00 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .56059
 Stddev .12670
 %RSD 22.601

#1 .65018
 #2 .47100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3171.7	46044.	4392.8	101.30	3500.4
Stddev	9.3	815.	14.9	2.32	9.3
%RSD	.29230	1.7704	.33869	2.2892	.26441

#1	3165.1	46621.	4382.3	99.664	3493.9
#2	3178.2	45468.	4403.4	102.94	3507.0

Sample Name: PB114903BL Acquired: 11/19/2018 18:14:04 Type: Unk
Method: P4-ICP2(v2595) 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	-.00007	-.00085	-.00324	.00057	.00016	-.00092	.00141	.00005
Stddev	.00012	.00057	.00018	.00252	.00096	.00160	.00054	.00002
%RSD	162.29	67.470	5.5674	439.67	594.87	173.25	38.230	40.143
#1	.00001	-.00125	-.00337	.00235	.00084	.00021	.00179	.00006
#2	-.00016	-.00044	-.00311	-.00121	-.00052	-.00205	.00103	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01294	-.00020	.00000	-.00008	-.00051	-.00009	-.04333
Stddev	.00005	.00020	.00104	.00009	.00042	.01023	.00005	.01138
%RSD	103.70	1.5445	516.32	14776.	524.35	2010.1	57.798	26.271
#1	-.00001	.01308	-.00093	-.00006	-.00038	-.00774	-.00005	-.03528
#2	-.00008	.01280	.00053	.00007	.00022	.00672	-.00013	-.05138
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00005	-.03700	-.00042	-.00170	-.19817	.00004	-.00571
Stddev	.00023	.00040	.01080	.00017	.00001	.00139	.00008	.00574
%RSD	84.086	837.21	29.184	40.140	.85915	.70282	213.42	100.57
#1	-.00043	-.00033	-.04464	-.00030	-.00172	-.19916	-.00002	-.00165
#2	-.00011	.00023	-.02937	-.00054	-.00169	-.19719	.00009	-.00977
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00476	-.00108	.00169	-.00755	-.0034	-.00020	F 5.3126
Stddev	.00101	.00102	.00030	.00047	.00056	.0010	.00010	.0631
%RSD	66.929	21.496	27.835	28.005	7.3662	29.64	46.903	1.1880
#1	.00079	.00404	-.00087	.00203	-.00716	-.0041	-.00014	5.3573
#2	.00221	.00548	-.00129	.00136	-.00795	-.0027	-.00027	5.2680

Sample Name: PB114903BL Acquired: 11/19/2018 18:14:04 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .63755
Stddev .44425
%RSD 69.680

#1 .95169
#2 .32342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.0	45429.	4322.1	100.32	3498.5
Stddev	13.3	18.	36.2	3.39	8.7
%RSD	.42009	.03982	.83756	3.3751	.24895

#1	3164.4	45442.	4347.7	102.72	3492.4
#2	3145.6	45416.	4296.5	97.930	3504.7

Sample Name: PB114903BS Acquired: 11/19/2018 18:18:09 Type: Unk
Method: P4-ICP2(v2595) 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	.76827	1.8993	.93549	1.9187	.79373	1.9888	.20037
Stddev	.00505	.0053	.00332	.0106	.00756	.0046	.00160
%RSD	.65689	.28157	.35498	.55093	.95215	.23020	.79732

#1	.76470	1.8955	.93314	1.9113	.78839	1.9856	.19924
#2	.77184	1.9031	.93784	1.9262	.79907	1.9921	.20150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20202	.18009	1.0452	.39087	.18794	.30675	2.7071
Stddev	.00024	.00110	.0004	.00005	.00076	.00257	.0118
%RSD	.11690	.60892	.04308	.01274	.40172	.83849	.43499

#1	.20219	.17931	1.0455	.39091	.18741	.30493	2.7154
#2	.20186	.18086	1.0448	.39084	.18848	.30856	2.6988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21471	1.9113	.46068	.07061	2.7695	.29071	.19245
Stddev	.00013	.0004	.00316	.00045	.0070	.00015	.00247
%RSD	.06079	.02031	.68593	.64008	.25309	.05039	1.2838

#1	.21480	1.9110	.45845	.07093	2.7744	.29081	.19420
#2	.21462	1.9116	.46291	.07029	2.7645	.29061	.19070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3972	.40100	.27039	F .00084	.90216	.64551	.19583
Stddev	.0364	.00240	.00475	.00016	.00121	.00274	.00233
%RSD	.38714	.59743	1.7568	19.068	.13407	.42408	1.1884

#1	9.3714	.39931	.26703	.00073	.90302	.64358	.19418
#2	9.4229	.40270	.27375	.00096	.90131	.64745	.19747

Sample Name: PB114903BS Acquired: 11/19/2018 18:18:09 Type: Unk
Method: P4-ICP2(v2595) 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	.18491	5.225	.20706	F 5.2946	F<.00000
Stddev	.00081	.040	.00128	.2004	.67169
%RSD	.43743	.7628	.62033	3.7856	148.89

#1	.18548	5.197	.20615	5.4364	.02384
#2	.18434	5.253	.20797	5.1529	-.92607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.5	45116.	4338.6	104.66	3402.1
Stddev	11.4	273.	21.9	1.59	15.3
%RSD	.36409	.60545	.50375	1.5156	.45045

#1	3152.6	44922.	4323.2	103.54	3413.0
#2	3136.4	45309.	4354.1	105.78	3391.3

Sample Name: J5976-02DUP Acquired: 11/19/2018 18:22:01 Type: Unk
Method: P4-ICP2(v2595) 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	-.00425	-.00338	-.00150	.00247	.00041	.03869	.04542	.00003
Stddev	.00064	.00024	.00091	.00197	.00144	.01360	.00029	.00001
%RSD	14.982	7.0571	60.554	79.629	351.31	35.156	.63270	39.030
#1	-.00470	-.00321	-.00214	.00387	-.00061	.04830	.04562	.00002
#2	-.00380	-.00355	-.00086	.00108	.00143	.02907	.04521	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	22.675	.00047	-.00002	.00007	.01391	.17354	3.6696
Stddev	.00005	.078	.00006	.00024	.00007	.00482	.00030	.0251
%RSD	49.029	.34512	13.886	1447.9	100.16	34.633	.17439	.68424
#1	-.00007	22.731	.00042	-.00018	.00002	.01731	.17375	3.6874
#2	-.00015	22.620	.00051	.00015	.00012	.01050	.17332	3.6519
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00023	37.315	.00035	.01567	1.6274	.01148	.07066
Stddev	.00005	.00007	.209	.00069	.00002	.0001	.00017	.00284
%RSD	95.237	29.398	.56024	196.36	.13957	.00280	1.4510	4.0221
#1	.00002	-.00028	37.463	.00084	.01565	1.6275	.01136	.07267
#2	.00008	-.00018	37.167	-.00014	.01568	1.6274	.01160	.06865
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.252	1.1143	-.00499	.00072	-.01153	.0070	.13627	5.2484
Stddev	.003	.0093	.00136	.00142	.00190	.0001	.00085	.0195
%RSD	.02356	.83685	27.283	196.86	16.504	.8852	.62264	.37086
#1	13.250	1.1209	-.00595	.00172	-.01288	.0069	.13687	5.2346
#2	13.254	1.1077	-.00403	-.00028	-.01019	.0070	.13567	5.2621

Sample Name: J5976-02DUP Acquired: 11/19/2018 18:22:01 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .85760
Stddev .17789
%RSD 20.743

#1 .73182
#2 .98339

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.5	44499.	4430.7	104.29	3339.7
Stddev	1.0	63.	55.2	.25	.8
%RSD	.03136	.14093	1.2449	.24052	.02512

#1	3091.2	44544.	4391.7	104.46	3339.2
#2	3089.9	44455.	4469.7	104.11	3340.3

Sample Name: J5976-02LX5 Acquired: 11/19/2018 18:26:04 Type: Unk
Method: P4-ICP2(v2595) 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	-.00034	-.00106	-.00339	.00271	.00123	.01673	.01097	.00001
Stddev	.00114	.00147	.00069	.00063	.00016	.00460	.00006	.00003
%RSD	339.32	139.35	20.468	23.146	13.257	27.530	.50982	240.48

#1	-.00114	-.00210	-.00290	.00227	.00112	.01347	.01101	.00004
#2	.00047	-.00002	-.00388	.00315	.00135	.01998	.01093	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	4.8213	.00000	-.00008	-.00016	.00903	.03634	.81283
Stddev	.00004	.0179	.00003	.00005	.00007	.00225	.00016	.04003
%RSD	57.971	.37115	820.99	55.249	45.168	24.877	.45392	4.9250

#1	-.00004	4.8086	.00003	-.00012	-.00011	.01062	.03645	.84114
#2	-.00010	4.8339	-.00002	-.00005	-.00021	.00744	.03622	.78452

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00090	7.8359	-.00032	.00227	.14541	.00246	.01269
Stddev	.00015	.00010	.0144	.00007	.00010	.00414	.00007	.00136
%RSD	133.07	11.490	.18436	20.992	4.2744	2.8489	2.6780	10.691

#1	-.00001	-.00098	7.8257	-.00036	.00220	.14834	.00242	.01173
#2	-.00022	-.00083	7.8461	-.00027	.00234	.14248	.00251	.01365

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7749	.24854	-.00199	.00134	-.01096	-.0011	.02849	5.0523
Stddev	.0170	.00293	.00115	.00072	.00063	.0002	.00002	.0244
%RSD	.61068	1.1800	57.549	53.842	5.7757	18.21	.07535	.48252

#1	2.7629	.25061	-.00280	.00083	-.01051	-.0009	.02850	5.0696
#2	2.7869	.24646	-.00118	.00185	-.01141	-.0012	.02847	5.0351

Sample Name: J5976-02LX5 Acquired: 11/19/2018 18:26:04 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .92771
 Stddev .01899
 %RSD 2.0473

#1 .94114
 #2 .91428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3180.0	45581.	4422.4	103.28	3501.7
Stddev	12.4	46.	11.7	1.25	7.5
%RSD	.39031	.10170	.26492	1.2085	.21428

#1	3171.3	45548.	4430.7	104.17	3507.0
#2	3188.8	45614.	4414.1	102.40	3496.4

Sample Name: J5762-06DUP Acquired: 11/19/2018 18:42:17 Type: Unk
Method: P4-ICP2(v2595) 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	-.00131	-.00402	.00847	.00235	-.00126	.14368	.27088	.00024
Stddev	.00218	.00046	.00182	.00182	.00145	.00844	.00076	.00009
%RSD	167.08	11.414	21.435	77.308	115.67	5.8739	.28134	39.288

#1	.00024	-.00434	.00719	.00107	-.00023	.13771	.27034	.00017
#2	-.00285	-.00369	.00975	.00364	-.00228	.14965	.27142	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	52.930	.00016	.00113	.00373	2.1524	.17589	5.7944
Stddev	.00005	.269	.00006	.00020	.00032	.0192	.00035	.0357
%RSD	86.671	.50913	38.942	17.283	8.5732	.89225	.20168	.61599

#1	-.00010	53.120	.00011	.00099	.00350	2.1389	.17614	5.8196
#2	-.00002	52.739	.00020	.00127	.00395	2.1660	.17564	5.7692

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00012	296.22	-.00023	.13261	.63743	.00003	.01403
Stddev	.00051	.00047	2.25	.00025	.00019	.02949	.00019	.00475
%RSD	28.371	407.37	.76032	107.93	.14289	4.6263	751.98	33.866

#1	.00145	-.00045	297.81	-.00006	.13274	.61658	-.00011	.01738
#2	.00218	.00022	294.63	-.00041	.13247	.65829	.00016	.01067

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34445	.38965	.00143	.00145	-.00860	-.0007	.12570	6.2099
Stddev	.00268	.00021	.00130	.00128	.00123	.0006	.00088	.0868
%RSD	.77883	.05338	91.108	87.882	14.268	93.62	.69881	1.3984

#1	.34635	.38980	.00235	.00055	-.00947	-.0002	.12632	6.1485
#2	.34256	.38950	.00051	.00236	-.00773	-.0011	.12508	6.2713

Sample Name: J5762-06DUP Acquired: 11/19/2018 18:42:17 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9313
Stddev .5749
%RSD 19.611

#1 2.5248
#2 3.3378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.3	41928.	4353.4	99.647	3023.0
Stddev	7.4	62.	8.0	.134	5.1
%RSD	.24686	.14834	.18340	.13401	.16709

#1	3003.5	41972.	4347.7	99.552	3019.4
#2	2993.0	41884.	4359.0	99.741	3026.5

Sample Name: J5762-06LX5 Acquired: 11/19/2018 18:46:25 Type: Unk
Method: P4-ICP2(v2595) 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	.00041	-.00161	.00064	.00026	.00056	.02258	.05587	.00012
Stddev	.00016	.00100	.00087	.00025	.00224	.00406	.00089	.00010
%RSD	38.270	61.964	135.67	96.618	399.42	17.995	1.5897	77.249

#1	.00052	-.00091	.00125	.00008	.00215	.01971	.05525	.00019
#2	.00030	-.00232	.00003	.00044	-.00103	.02546	.05650	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	10.809	-.00020	.00017	.00045	.42172	.03549	1.1916
Stddev	.00001	.025	.00021	.00014	.00001	.00249	.00008	.0023
%RSD	12.743	.23559	103.74	83.678	3.2601	.59130	.21920	.19445

#1	-.00005	10.827	-.00034	.00027	.00046	.41996	.03543	1.1899
#2	-.00006	10.791	-.00005	.00007	.00044	.42348	.03554	1.1932

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00005	60.462	-.00034	.02587	.01240	.00021	-.00412
Stddev	.00013	.00001	.146	.00029	.00016	.01250	.00008	.00118
%RSD	39.355	13.494	.24149	84.581	.60593	100.79	36.272	28.536

#1	-.00042	.00004	60.565	-.00054	.02598	.00356	.00016	-.00329
#2	-.00024	.00005	60.359	-.00014	.02576	.02125	.00027	-.00495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06692	.08543	-.00060	.00307	-.00624	-.0024	.02513	5.4949
Stddev	.00054	.00080	.00013	.00049	.00035	.0018	.00003	.0190
%RSD	.81269	.93087	21.130	16.067	5.6128	73.76	.13804	.34650

#1	.06730	.08486	-.00051	.00272	-.00599	-.0037	.02511	5.4815
#2	.06653	.08599	-.00068	.00342	-.00649	-.0012	.02516	5.5084

Sample Name: J5762-06LX5 Acquired: 11/19/2018 18:46:25 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1334
Stddev .0408
%RSD 1.9099

#1 2.1046
#2 2.1622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.2	44188.	4391.8	103.52	3311.7
Stddev	10.1	9.	3.0	.53	8.8
%RSD	.32063	.02014	.06878	.51323	.26597

#1	3137.0	44182.	4389.7	103.14	3305.5
#2	3151.3	44195.	4393.9	103.89	3317.9

Sample Name: J5762-06MS Acquired: 11/19/2018 18:50:28 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92540	2.1148	1.0976	2.2710	.91714	2.6500	.49879	.24393	.21814
Stddev	.00096	.0023	.0014	.0082	.00280	.0105	.00180	.00071	.00005
%RSD	.10358	.10882	.12895	.36116	.30484	.39732	.36145	.29019	.02286
#1	.92472	2.1132	1.0986	2.2768	.91911	2.6426	.49751	.24343	.21818
#2	.92608	2.1164	1.0966	2.2653	.91516	2.6575	.50006	.24443	.21811
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.140	.47166	.22639	.34316	5.3710	.41892	7.9570	.55357	.08218
Stddev	.902	.00129	.00010	.00032	.0841	.00044	.0733	.00103	.00062
%RSD	1.6663	.27299	.04392	.09396	1.5657	.10594	.92115	.18586	.75907
#1	53.502	.47257	.22646	.34294	5.3115	.41861	7.9052	.55430	.08262
#2	54.778	.47075	.22632	.34339	5.4304	.41923	8.0089	.55285	.08174
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	299.17	.36545	.35197	12.526	.48764	.35068	.33268	1.4392	.77255
Stddev	2.07	.00015	.00458	.100	.00292	.01140	.00180	.0209	.00027
%RSD	.69045	.04200	1.3017	.79611	.59906	3.2517	.53992	1.4513	.03533
#1	297.71	.36556	.34873	12.455	.48970	.34261	.33141	1.4244	.77235
#2	300.63	.36534	.35521	12.596	.48557	.35874	.33395	1.4540	.77274
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22936	.23269	6.868	.36317	6.4472	2.3915			
Stddev	.00279	.00371	.021	.00447	.0498	.1537			
%RSD	1.2162	1.5958	.2984	1.2320	.77218	6.4287			
#1	.22738	.23007	6.883	.36001	6.4120	2.2828			
#2	.23133	.23532	6.854	.36633	6.4824	2.5002			

Sample Name: J5762-06MS Acquired: 11/19/2018 18:50:28 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.3	41695.	4278.9	100.03	3010.5
Stddev	9.9	113.	41.6	1.19	8.6
%RSD	.33144	.27133	.97326	1.1877	.28616
#1	2977.3	41775.	4308.3	100.87	3004.4
#2	2991.3	41615.	4249.4	99.187	3016.6

Sample Name: J5976-02MS Acquired: 11/19/2018 18:54:24 Type: Unk
Method: P4-ICP2(v2595) 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	.89964	2.1335	1.0691	2.1567	.91290	2.5050	.28336	.23255
Stddev	.00106	.0057	.0011	.0042	.00017	.0163	.00174	.00086
%RSD	.11749	.26769	.10602	.19403	.01905	.65084	.61245	.36937
#1	.89889	2.1295	1.0699	2.1537	.91278	2.4935	.28458	.23195
#2	.90039	2.1376	1.0683	2.1596	.91303	2.5166	.28213	.23316
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20846	24.757	.47183	.22116	.34757	3.3584	.42305	6.0023
Stddev	.00008	.031	.00272	.00004	.00006	.0706	.00144	.0511
%RSD	.03972	.12695	.57616	.01700	.01811	2.1022	.33960	.85123
#1	.20852	24.734	.46990	.22118	.34762	3.3085	.42204	6.0384
#2	.20840	24.779	.47375	.22113	.34753	3.4083	.42407	5.9661
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54062	.08122	41.643	.36463	.23910	13.383	.49899	.41627
Stddev	.00043	.00016	.021	.00150	.00123	.011	.00062	.00037
%RSD	.07966	.19571	.04944	.41260	.51528	.07996	.12499	.08800
#1	.54031	.08133	41.628	.36356	.23823	13.375	.49943	.41601
#2	.54092	.08110	41.657	.36569	.23997	13.390	.49855	.41653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.360	2.2164	.74628	.23070	.22943	6.273	.38226	5.7278
Stddev	.001	.0029	.00205	.00368	.00013	.007	.00079	.0763
%RSD	.00961	.13174	.27459	1.5930	.05767	.1057	.20622	1.3327
#1	13.359	2.2184	.74773	.22810	.22953	6.268	.38171	5.6739
#2	13.361	2.2143	.74483	.23330	.22934	6.278	.38282	5.7818

Sample Name: J5976-02MS Acquired: 11/19/2018 18:54:24 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .23729
Stddev .12947
%RSD 54.560

#1 .32884
#2 .14575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.6	44170.	4334.7	101.59	3331.4
Stddev	.3	2.	2.6	.87	4.9
%RSD	.00843	.00354	.05918	.85261	.14767

#1	3130.8	44169.	4332.8	102.20	3334.9
#2	3130.4	44171.	4336.5	100.97	3328.0

Sample Name: J5976-02MSD Acquired: 11/19/2018 18:58:15 Type: Unk
Method: P4-ICP2(v2595) 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	.94370	2.2445	1.1198	2.2551	.95918	2.4505	.28327	.23184
Stddev	.07797	.1679	.0877	.1769	.07089	.0194	.00009	.00017
%RSD	8.2623	7.4791	7.8278	7.8454	7.3912	.79192	.03263	.07141
#1	.88857	2.1258	1.0578	2.1300	.90905	2.4368	.28320	.23172
#2	.99883	2.3632	1.1817	2.3802	1.0093	2.4642	.28333	.23195
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21892	24.720	.47015	.23181	.36527	3.2976	.42147	6.0227
Stddev	.01680	.155	.00090	.01860	.02897	.0673	.00041	.0578
%RSD	7.6745	.62568	.19246	8.0234	7.9297	2.0408	.09773	.96052
#1	.20704	24.610	.47079	.21866	.34479	3.3452	.42176	5.9818
#2	.23080	24.829	.46951	.24496	.38575	3.2500	.42118	6.0636
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56762	.08116	41.946	.36481	.23690	13.325	.52541	.41707
Stddev	.04334	.00011	.065	.00079	.00428	.029	.04054	.00056
%RSD	7.6356	.13768	.15526	.21772	1.8055	.21481	7.7151	.13508
#1	.53697	.08108	41.992	.36537	.23993	13.345	.49674	.41667
#2	.59827	.08123	41.900	.36425	.23388	13.304	.55407	.41747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.019	2.2557	.78514	.23017	.22824	6.598	.38468	5.6723
Stddev	1.034	.0079	.06401	.00022	.00221	.508	.00158	.1181
%RSD	7.3739	.35190	8.1526	.09367	.96886	7.700	.41140	2.0823
#1	13.288	2.2613	.73987	.23002	.22980	6.239	.38356	5.7558
#2	14.750	2.2501	.83040	.23032	.22668	6.958	.38580	5.5888

Sample Name: J5976-02MSD Acquired: 11/19/2018 18:58:15 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .32537
Stddev .21488
%RSD 66.041

#1 .17343
#2 .47731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3005.2	44527.	4290.3	102.83	3197.1
Stddev	194.8	73.	21.2	3.01	206.3
%RSD	6.4819	.16294	.49484	2.9238	6.4522

#1	3143.0	44476.	4275.3	100.70	3343.0
#2	2867.5	44578.	4305.3	104.96	3051.3

Sample Name: J5976-02A Acquired: 11/19/2018 19:02:05 Type: Unk
Method: P4-ICP2(v2595) 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	.89803	2.1485	1.0639	2.1562	.91171	2.4860	.28078	.23231
Stddev	.00643	.0004	.0004	.0045	.00428	.0570	.00191	.00012
%RSD	.71638	.01607	.03750	.21073	.46967	2.2930	.67960	.05295
#1	.90258	2.1482	1.0636	2.1594	.91474	2.4457	.27943	.23222
#2	.89349	2.1487	1.0642	2.1530	.90868	2.5263	.28213	.23239
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20821	24.682	.47207	.22017	.34854	3.2537	.42300	5.9858
Stddev	.00032	.173	.00045	.00028	.00087	.0230	.00115	.0212
%RSD	.15456	.70243	.09458	.12802	.24983	.70588	.27199	.35431
#1	.20844	24.560	.47175	.21997	.34915	3.2374	.42219	5.9708
#2	.20798	24.805	.47238	.22037	.34792	3.2699	.42382	6.0008
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54152	.08017	41.644	.36397	.23215	13.188	.50059	.42070
Stddev	.00030	.00069	.307	.00001	.00217	.134	.00111	.00318
%RSD	.05631	.85680	.73761	.00368	.93543	1.0128	.22217	.75701
#1	.54131	.07969	41.427	.36398	.23368	13.094	.50138	.41845
#2	.54174	.08066	41.862	.36396	.23061	13.283	.49980	.42295
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.398	2.2348	.74704	.22742	.22557	6.284	.38302	5.8764
Stddev	.038	.0072	.00136	.00197	.00181	.015	.00354	.0158
%RSD	.28077	.32176	.18251	.86762	.80072	.2324	.92393	.26886
#1	13.425	2.2297	.74801	.22603	.22429	6.294	.38052	5.8653
#2	13.372	2.2398	.74608	.22882	.22684	6.273	.38552	5.8876

Sample Name: J5976-02A Acquired: 11/19/2018 19:02:05 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.41838
Stddev	.31456
%RSD	75.186

#1	.19595
#2	.64080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.6	44309.	4327.1	104.34	3332.0
Stddev	15.9	23.	9.2	1.36	11.4
%RSD	.50738	.05257	.21317	1.2999	.34131

#1	3121.3	44325.	4333.6	103.38	3323.9
#2	3143.8	44292.	4320.5	105.30	3340.0

Sample Name: CCV06 Acquired: 11/19/2018 19:05:55 Type: Unk
Method: P4-ICP2(v2595) 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	5.0580	4.8811	4.8645	4.9302	5.0071	10.555	9.6918	.26089
Stddev	.0037	.0010	.0014	.0015	.0094	.116	.0712	.00029
%RSD	.07208	.02128	.02849	.03151	.18831	1.0966	.73480	.11139
#1	5.0606	4.8819	4.8655	4.9313	5.0138	10.637	9.6414	.26110
#2	5.0554	4.8804	4.8635	4.9291	5.0004	10.473	9.7421	.26069
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3829	26.098	.99677	2.4035	1.2390	4.7538	2.6361	23.985
Stddev	.0021	.002	.00323	.0006	.0001	.1261	.0009	.169
%RSD	.08649	.00946	.32399	.02714	.00460	2.6518	.03575	.70538
#1	2.3815	26.100	.99449	2.4031	1.2391	4.6647	2.6368	23.865
#2	2.3844	26.096	.99905	2.4040	1.2390	4.8430	2.6354	24.105
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3810	1.2519	24.633	2.5213	2.4755	24.133	4.9486	4.8670
Stddev	.0011	.0021	.195	.0046	.0758	.140	.0024	.0178
%RSD	.04806	.16997	.79344	.18356	3.0607	.58194	.04801	.36481
#1	2.3802	1.2504	24.494	2.5246	2.4219	24.034	4.9469	4.8544
#2	2.3818	1.2534	24.771	2.5181	2.5290	24.233	4.9503	4.8795
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6824	4.8991	4.7686	4.8016	4.8457	4.881	5.1897	F 6.0649
Stddev	.0098	.0549	.0049	.0147	.0347	.004	.0314	.1056
%RSD	.20821	1.1217	.10209	.30642	.71517	.0754	.60533	1.7410
#1	4.6893	4.8603	4.7652	4.7912	4.8212	4.883	5.1675	6.1396
#2	4.6755	4.9380	4.7721	4.8120	4.8702	4.878	5.2119	5.9902

Sample Name: CCV06 Acquired: 11/19/2018 19:05:55 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1379
Stddev	.2612
%RSD	8.3233

#1	3.3226
#2	2.9532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.6	43789.	4377.5	100.10	3170.8
Stddev	1.2	60.	46.0	2.99	1.9
%RSD	.03969	.13735	1.0500	2.9847	.06014

#1	3134.5	43746.	4410.0	102.21	3169.5
#2	3132.7	43831.	4345.0	97.986	3172.2

Sample Name: CCB06 Acquired: 11/19/2018 19:09:40 Type: Unk
Method: P4-ICP2(v2595) 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	-.00256	-.00145	-.00305	.00195	-.00015	.00995	.00332	.00004
Stddev	.00189	.00108	.00122	.00202	.00153	.00489	.00014	.00006
%RSD	73.996	74.426	40.042	103.59	1055.9	49.108	4.2789	162.84
#1	-.00122	-.00069	-.00219	.00052	-.00123	.01340	.00342	.00008
#2	-.00390	-.00222	-.00392	.00339	.00094	.00649	.00322	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00158	.00000	-.00000	.00025	-.00067	-.00008	-.03088
Stddev	.00005	.01167	.00057	.00016	.00002	.00308	.00004	.03086
%RSD	73.381	740.14	23197.	37603.	9.9368	457.62	50.786	99.931
#1	.00003	-.00668	.00041	-.00012	.00023	-.00285	-.00011	-.05270
#2	.00010	.00983	-.00040	.00012	.00027	.00151	-.00005	-.00906
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.00022	-.00615	-.00056	-.00173	-.20510	.00068	-.01362
Stddev	.00027	.00026	.00634	.00004	.00003	.02345	.00009	.00329
%RSD	45.694	116.91	103.01	7.5910	1.9732	11.432	12.637	24.123
#1	-.00079	-.00004	-.01063	-.00059	-.00175	-.18852	.00061	-.01130
#2	-.00040	-.00041	-.00167	-.00053	-.00170	-.22167	.00074	-.01594
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	.00649	-.00052	.00132	-.00639	-.0021	-.00001	F 5.3710
Stddev	.00158	.00528	.00035	.00065	.00023	.0006	.00005	.1335
%RSD	91.124	81.262	67.711	49.386	3.6025	29.72	406.97	2.4860
#1	.00062	.00276	-.00077	.00086	-.00656	-.0017	.00002	5.4654
#2	.00284	.01023	-.00027	.00178	-.00623	-.0026	-.00005	5.2765

Sample Name: CCB06 Acquired: 11/19/2018 19:09:40 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1480
Stddev .6069
%RSD 52.865

#1 1.5772
#2 .71887

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.1	45205.	4285.7	103.58	3546.5
Stddev	23.7	602.	162.9	2.96	30.0
%RSD	.73533	1.3316	3.8000	2.8548	.84508

#1	3240.8	44779.	4400.9	105.67	3567.7
#2	3207.3	45630.	4170.6	101.49	3525.3

Sample Name: J5762-06MSD Acquired: 11/19/2018 19:13:45 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92087	2.1162	1.0898	2.2631	.91260	2.6255	.50168	.24260	.21725
Stddev	.00129	.0047	.0018	.0029	.00184	.0152	.00029	.00109	.00032
%RSD	.14011	.22253	.16096	.12935	.20139	.57894	.05820	.44781	.14941

#1	.92178	2.1129	1.0911	2.2651	.91390	2.6147	.50189	.24336	.21702
#2	.91996	2.1196	1.0886	2.2610	.91130	2.6362	.50147	.24183	.21748

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.860	.47449	.22513	.34387	5.4165	.41920	8.1202	.55225	.08168
Stddev	.052	.00231	.00073	.00023	.0880	.00215	.0438	.00067	.00083
%RSD	.09550	.48692	.32569	.06750	1.6243	.51322	.53980	.12043	1.0177

#1	54.823	.47612	.22565	.34403	5.3542	.42072	8.0892	.55272	.08110
#2	54.897	.47285	.22462	.34371	5.4787	.41768	8.1512	.55178	.08227

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	302.40	.36890	.35435	12.604	.49041	.35848	.33540	1.4683	.76864
Stddev	2.39	.00209	.00842	.077	.00005	.00508	.00153	.0142	.00023
%RSD	.78985	.56787	2.3768	.61347	.00956	1.4175	.45557	.96584	.02967

#1	304.09	.37038	.34839	12.549	.49044	.35489	.33648	1.4783	.76848
#2	300.71	.36742	.36030	12.658	.49038	.36207	.33432	1.4582	.76880

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23052	.23272	6.852	.36521	6.5216	2.3844
Stddev	.00229	.00153	.004	.00111	.0110	.0801
%RSD	.99366	.65788	.0600	.30377	.16787	3.3603

#1	.22890	.23164	6.855	.36443	6.5138	2.4411
#2	.23214	.23381	6.849	.36600	6.5293	2.3278

Sample Name: J5762-06MSD Acquired: 11/19/2018 19:13:45 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.7	41848.	4245.5	99.481	3039.1
Stddev	21.8	183.	30.5	1.660	18.3
%RSD	.72303	.43733	.71841	1.6686	.60119
#1	3001.3	41719.	4224.0	100.65	3026.2
#2	3032.2	41978.	4267.1	98.307	3052.0

Sample Name: J5762-06A Acquired: 11/19/2018 19:17:40 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91643	2.1024	1.0827	2.2538	.90494	2.5802	.49703	.23760	.21540
Stddev	.00101	.0093	.0015	.0015	.00843	.0569	.00213	.00381	.00017
%RSD	.11049	.44408	.13936	.06457	.93190	2.2054	.42756	1.6057	.08071

#1	.91715	2.1090	1.0838	2.2548	.89898	2.6205	.49553	.24029	.21552
#2	.91572	2.0958	1.0816	2.2528	.91090	2.5400	.49854	.23490	.21528

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.503	.46544	.22332	.34098	5.3868	.41076	8.0646	.54969	.08240
Stddev	.092	.00706	.00022	.00081	.0231	.00606	.1211	.00200	.00154
%RSD	.16908	1.5171	.09728	.23794	.42896	1.4741	1.5016	.36312	1.8710

#1	54.568	.47044	.22347	.34155	5.3705	.41504	7.9790	.55110	.08349
#2	54.438	.46045	.22317	.34041	5.4031	.40648	8.1502	.54828	.08131

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	297.48	.36198	.34984	12.676	.48597	.34215	.33137	1.4641	.76377
Stddev	3.60	.00648	.00234	.026	.00014	.00673	.00360	.0037	.00192
%RSD	1.2103	1.7890	.66870	.20732	.02878	1.9682	1.0860	.24939	.25081

#1	294.94	.36656	.34818	12.694	.48587	.33738	.32883	1.4615	.76242
#2	300.03	.35741	.35149	12.657	.48607	.34691	.33392	1.4667	.76513

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22876	.23402	6.812	.36349	6.2037	2.4758
Stddev	.00200	.00038	.008	.00014	.4106	.2609
%RSD	.87434	.16229	.1161	.03844	6.6180	10.536

#1	.22735	.23429	6.818	.36339	6.4940	2.2913
#2	.23018	.23376	6.807	.36359	5.9134	2.6602

Sample Name: J5762-06A Acquired: 11/19/2018 19:17:40 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.4	42636.	4275.9	100.80	3062.3
Stddev	16.1	805.	14.3	1.07	11.3
%RSD	.53154	1.8874	.33477	1.0638	.36962
#1	3046.8	42067.	4286.1	101.56	3070.3
#2	3024.0	43205.	4265.8	100.04	3054.3

Sample Name: CCV07 Acquired: 11/19/2018 19:21:36 Type: Unk
Method: P4-ICP2(v2595) 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	4.9701	4.8312	4.7837	4.8698	4.9414	10.256	9.3339	.25316
Stddev	.0488	.0266	.0224	.0348	.0435	.317	.0067	.00960
%RSD	.98179	.55041	.46878	.71510	.88102	3.0918	.07137	3.7921
#1	4.9356	4.8124	4.7678	4.8452	4.9106	10.480	9.3292	.25995
#2	5.0046	4.8500	4.7996	4.8944	4.9721	10.032	9.3387	.24638
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3508	25.224	.97044	2.3650	1.2275	4.5910	2.5615	23.179
Stddev	.0132	.151	.03659	.0152	.0110	.0870	.0956	.053
%RSD	.56040	.60034	3.7701	.64404	.89502	1.8951	3.7320	.22854
#1	2.3415	25.117	.99631	2.3543	1.2197	4.5295	2.6291	23.141
#2	2.3601	25.332	.94457	2.3758	1.2353	4.6525	2.4939	23.216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3470	1.2236	23.289	2.4659	2.3906	23.300	4.9202	4.7151
Stddev	.0164	.0449	.014	.0847	.0226	.084	.0468	.0133
%RSD	.69980	3.6692	.05900	3.4342	.94426	.36170	.95199	.28218
#1	2.3354	1.2554	23.299	2.5258	2.3747	23.241	4.8871	4.7057
#2	2.3587	1.1919	23.280	2.4060	2.4066	23.360	4.9533	4.7245
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6215	4.8035	4.7050	4.6392	4.6833	4.807	4.9895	F 5.6608
Stddev	.0393	.0047	.0350	.0145	.0034	.024	.0189	.4239
%RSD	.84978	.09856	.74307	.31234	.07357	.4921	.37953	7.4881
#1	4.5937	4.8068	4.6803	4.6289	4.6809	4.791	4.9761	5.9606
#2	4.6493	4.8001	4.7297	4.6494	4.6857	4.824	5.0029	5.3611

Sample Name: CCV07 Acquired: 11/19/2018 19:21:36 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8385
Stddev	.3664
%RSD	12.907

#1	3.0975
#2	2.5794

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.3	44943.	4509.1	103.10	3215.4
Stddev	29.8	1565.	12.8	.98	16.4
%RSD	.93917	3.4830	.28313	.95062	.50967

#1	3193.3	43837.	4500.1	103.79	3227.0
#2	3151.2	46050.	4518.1	102.41	3203.8

Sample Name: CCB07 Acquired: 11/19/2018 19:25:21 Type: Unk
Method: P4-ICP2(v2595) 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	-.00023	-.00088	-.00275	-.00096	.00101	-.00517	.00278	.00004
Stddev	.00169	.00132	.00048	.00063	.00072	.00701	.00058	.00000
%RSD	728.44	150.90	17.574	65.765	70.627	135.58	20.820	2.8650
#1	.00096	.00006	-.00241	-.00051	.00051	-.01013	.00237	.00004
#2	-.00142	-.00181	-.00309	-.00141	.00152	-.00021	.00319	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00210	.00007	-.00000	-.00006	.00292	-.00006	.01041
Stddev	.00006	.00345	.00013	.00008	.00006	.00618	.00006	.02524
%RSD	331.79	164.65	174.78	14147.	98.009	211.72	104.29	242.39
#1	-.00006	.00034	.00017	.00006	-.00010	-.00145	-.00010	-.00743
#2	.00002	-.00454	-.00002	-.00006	-.00002	.00729	-.00002	.02826
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00033	.04526	-.00072	-.00174	-.13313	.00036	-.00849
Stddev	.00048	.00036	.00326	.00015	.00009	.03036	.00007	.00553
%RSD	239.90	109.06	7.2104	20.147	5.1542	22.806	18.340	65.095
#1	-.00014	-.00008	.04757	-.00083	-.00181	-.11166	.00041	-.01240
#2	.00054	-.00058	.04295	-.00062	-.00168	-.15460	.00031	-.00458
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00634	-.00025	.00382	-.00532	-.0026	-.00010	F 5.1266
Stddev	.00110	.00159	.00039	.00118	.00170	.0008	.00006	.0022
%RSD	775.47	25.023	157.80	31.030	31.935	32.09	60.408	.04225
#1	.00092	.00522	-.00052	.00466	-.00412	-.0031	-.00014	5.1251
#2	-.00064	.00746	.00003	.00298	-.00652	-.0020	-.00006	5.1281

Sample Name: CCB07 Acquired: 11/19/2018 19:25:21 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .78364
Stddev .53759
%RSD 68.601

#1 1.1638
#2 .40351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3290.3	46066.	4388.6	103.53	3629.9
Stddev	28.6	161.	64.3	.21	13.4
%RSD	.86861	.35047	1.4645	.19870	.36930

#1	3270.0	45952.	4343.2	103.67	3620.4
#2	3310.5	46180.	4434.0	103.38	3639.3

Sample Name: J5980-02 Acquired: 11/19/2018 19:29:26 Type: Unk
Method: P4-ICP2(v2595) 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	-.00172	-.00198	-.00377	.00356	-.00024	.01856	.04973	-.00002
Stddev	.00130	.00036	.00005	.00206	.00052	.00325	.00155	.00002
%RSD	75.654	18.071	1.3300	57.815	217.35	17.530	3.1267	95.823

#1	-.00263	-.00173	-.00374	.00501	.00013	.02086	.05083	-.00004
#2	-.00080	-.00223	-.00381	.00210	-.00060	.01626	.04863	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	18.661	.00052	-.00001	-.00014	-.00128	.00424	1.4925
Stddev	.00008	.096	.00008	.00008	.00008	.00164	.00004	.0393
%RSD	68.056	.51594	15.380	689.74	58.960	128.26	1.0619	2.6302

#1	-.00006	18.729	.00057	.00005	-.00008	-.00012	.00420	1.5202
#2	-.00017	18.593	.00046	-.00007	-.00019	-.00243	.00427	1.4647

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00050	12.544	-.00026	.02697	.77194	.00139	.01414
Stddev	.00011	.00074	.061	.00024	.00037	.04525	.00033	.01413
%RSD	43.448	149.47	.48432	94.916	1.3890	5.8618	23.490	99.913

#1	.00018	.00003	12.587	-.00043	.02670	.80393	.00162	.00415
#2	.00033	-.00102	12.501	-.00008	.02723	.73994	.00116	.02413

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1212	1.4286	-.00110	.00138	-.00995	.0066	.04834	4.9876
Stddev	.0007	.0182	.00005	.00222	.00083	.0006	.00041	.0283
%RSD	.03128	1.2762	4.2892	160.72	8.3391	9.567	.84980	.56760

#1	2.1217	1.4415	-.00113	.00295	-.00936	.0070	.04863	4.9675
#2	2.1207	1.4157	-.00107	-.00019	-.01053	.0062	.04805	5.0076

Sample Name: J5980-02 Acquired: 11/19/2018 19:29:26 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .92217
Stddev .10767
%RSD 11.675

#1 .84604
#2 .99830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.0	45926.	4379.5	103.34	3533.3
Stddev	.8	10.	44.8	.62	11.6
%RSD	.02601	.02249	1.0232	.59660	.32920

#1	3238.4	45919.	4347.8	103.77	3525.1
#2	3239.6	45933.	4411.2	102.90	3541.5

Sample Name: J5774-02 Acquired: 11/19/2018 19:33:30 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-111618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	-.00398	.00648	.00710	.00029	.14908	.11249	.00020
Stddev	.00032	.00240	.00033	.00058	.00000	.00081	.00041	.00001
%RSD	11.908	60.321	5.1392	8.1273	1.2523	.54270	.36425	4.8442

#1	-.00288	-.00228	.00624	.00750	.00029	.14851	.11278	.00019
#2	-.00243	-.00568	.00671	.00669	.00028	.14965	.11220	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	28.432	.00196	.00777	.00932	.04871	1.1139	7.6446
Stddev	.00007	.117	.00000	.00029	.00016	.00976	.0014	.0007
%RSD	81.443	.41082	.04526	3.7889	1.6818	20.033	.12507	.00877

#1	.00004	28.350	.00196	.00798	.00944	.04181	1.1149	7.6441
#2	.00013	28.515	.00196	.00756	.00921	.05561	1.1129	7.6450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	.00021	271.01	-.00057	.02587	.58537	.00030	.00066
Stddev	.00045	.00020	1.03	.00024	.00005	.00682	.00011	.00295
%RSD	11.208	94.322	.38085	42.105	.18254	1.1643	37.339	445.92

#1	.00435	.00007	270.28	-.00040	.02590	.59019	.00022	-.00142
#2	.00371	.00035	271.74	-.00074	.02584	.58055	.00038	.00274

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94080	.70794	.00066	.00230	-.00599	.0010	.06473	6.0075
Stddev	.00975	.00219	.00030	.00207	.00128	.0017	.00019	.0077
%RSD	1.0361	.30987	45.046	90.161	21.393	168.3	.29357	.12908

#1	.94769	.70639	.00045	.00083	-.00690	-.0002	.06460	6.0129
#2	.93391	.70949	.00087	.00376	-.00508	.0023	.06487	6.0020

Sample Name: J5774-02 Acquired: 11/19/2018 19:33:30 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-111618 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.0098
Stddev	.6507
%RSD	21.620

#1	3.4699
#2	2.5497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.2	42835.	4380.4	101.86	3142.2
Stddev	10.3	123.	14.6	.34	13.5
%RSD	.33228	.28750	.33276	.33764	.42990

#1	3101.9	42748.	4370.1	101.61	3132.6
#2	3116.5	42922.	4390.7	102.10	3151.7

Sample Name: J5954-01 Acquired: 11/19/2018 19:37:39 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OWS-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	-.00635	-.00428	-.00794	.00354	.00589	.04846	.29244	.00006
Stddev	.00047	.00029	.00063	.00219	.00045	.00763	.00107	.00006
%RSD	7.3857	6.7498	7.9775	61.905	7.5691	15.750	.36724	97.674

#1	-.00668	-.00408	-.00839	.00509	.00620	.05385	.29168	.00011
#2	-.00602	-.00448	-.00749	.00199	.00557	.04306	.29320	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	52.621	.00088	.00300	-.01808	30.989	.30334	1.5980
Stddev	.00000	.197	.00075	.00010	.00055	.613	.00039	.0401
%RSD	.02357	.37373	85.204	3.3440	3.0149	1.9765	.12923	2.5073

#1	-.00097	52.482	.00035	.00293	-.01770	30.556	.30307	1.6264
#2	-.00097	52.760	.00141	.00308	-.01847	31.422	.30362	1.5697

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01055	-.00206	240.01	.00018	.22373	.23253	.00717	-.00162
Stddev	.00023	.00031	1.49	.00030	.00421	.00145	.00015	.00743
%RSD	2.2181	15.103	.62198	167.01	1.8819	.62345	2.0970	459.18

#1	.01072	-.00228	238.95	-.00003	.22075	.23355	.00728	-.00687
#2	.01039	-.00184	241.07	.00040	.22671	.23150	.00707	.00364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25754	.73777	.00087	.00140	-.00099	1.063	.08705	6.0086
Stddev	.00171	.00280	.00050	.00065	.00227	.001	.00029	.0006
%RSD	.66295	.37981	57.157	46.512	229.30	.1104	.33273	.01064

#1	.25875	.73579	.00052	.00094	-.00259	1.064	.08725	6.0090
#2	.25633	.73975	.00122	.00186	.00062	1.062	.08684	6.0081

Sample Name: J5954-01 Acquired: 11/19/2018 19:37:39 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OWS-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.2841
 Stddev .2443
 %RSD 2.6311

#1 9.1113
 #2 9.4568

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.4	42766.	4350.7	103.78	3154.6
Stddev	16.3	57.	12.7	1.96	11.2
%RSD	.52281	.13445	.29244	1.8839	.35354

#1	3100.9	42725.	4359.7	105.16	3146.7
#2	3123.9	42807.	4341.7	102.40	3162.5

Sample Name: J5963-02 Acquired: 11/19/2018 19:41:47 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FS-OILY-STON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	-.00467	.42459	.00537	-.00296	.05667	.16189	.00006
Stddev	.00232	.00226	.00155	.00191	.00105	.01767	.00044	.00001
%RSD	82.693	48.450	.36543	35.545	35.453	31.183	.27219	17.411

#1	-.00116	-.00627	.42568	.00672	-.00222	.06916	.16158	.00006
#2	-.00444	-.00307	.42349	.00402	-.00370	.04417	.16220	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01783	87.621	.02047	.00438	.22158	.05166	.34205	4.5334
Stddev	.00005	.427	.00016	.00009	.00143	.01604	.00046	.0766
%RSD	.26556	.48760	.80412	2.0860	.64523	31.045	.13389	1.6901

#1	.01786	87.923	.02058	.00445	.22259	.06300	.34173	4.4792
#2	.01779	87.319	.02035	.00432	.22057	.04032	.34238	4.5876

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	-.00030	254.02	-.00060	.75873	.48197	.00028	.00285
Stddev	.00058	.00035	3.19	.00004	.00621	.00757	.00018	.00377
%RSD	30.938	116.75	1.2575	5.8148	.81824	1.5700	65.959	132.26

#1	.00228	-.00005	256.27	-.00058	.76312	.47661	.00040	.00551
#2	.00146	-.00055	251.76	-.00063	.75434	.48732	.00015	.00018

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10436	.26628	.00058	-.00085	-.00118	.0066	.10765	5.7573
Stddev	.00278	.00312	.00026	.00026	.00072	.0017	.00014	.1853
%RSD	2.6632	1.1708	44.973	30.678	61.249	25.30	.13377	3.2188

#1	.10239	.26407	.00076	-.00104	-.00169	.0054	.10775	5.8883
#2	.10632	.26848	.00039	-.00067	-.00067	.0078	.10755	5.6262

Sample Name: J5963-02 Acquired: 11/19/2018 19:41:47 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FS-OILY-STON Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0450
Stddev .1795
%RSD 5.8958

#1 2.9181
#2 3.1720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3103.2	42963.	4392.3	102.11	3135.7
Stddev	13.7	62.	27.5	1.09	22.2
%RSD	.44213	.14375	.62672	1.0665	.70882

#1	3093.5	42919.	4372.9	101.34	3120.0
#2	3112.9	43006.	4411.8	102.88	3151.4

Sample Name: J5963-03 Acquired: 11/19/2018 19:45:54 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FS-OILY-PAD Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	-.00387	-.00187	.00254	.00112	.00813	.13366	-.00002
Stddev	.00184	.00090	.00059	.00110	.00111	.00552	.00076	.00004
%RSD	35.623	23.247	31.757	43.334	99.461	67.870	.57034	184.93

#1	-.00387	-.00324	-.00145	.00332	.00190	.01203	.13312	.00001
#2	-.00647	-.00451	-.00229	.00176	.00033	.00423	.13420	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.16426	.00075	-.00025	.00349	.02328	.00060	-.00038
Stddev	.00006	.00203	.00071	.00018	.00033	.00329	.00001	.00544
%RSD	934.47	1.2355	95.420	70.325	9.5867	14.142	1.6554	1437.0

#1	.00005	.16283	.00125	-.00038	.00325	.02560	.00061	.00347
#2	-.00003	.16570	.00024	-.00013	.00373	.02095	.00060	-.00422

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	.00030	277.81	-.00085	.08449	.17064	.00024	.01732
Stddev	.00004	.00036	.92	.00028	.00132	.04117	.00004	.00921
%RSD	2.7139	122.03	.33264	32.985	1.5660	24.128	16.299	53.164

#1	.00144	.00055	278.47	-.00105	.08355	.14152	.00021	.01081
#2	.00150	.00004	277.16	-.00065	.08542	.19975	.00027	.02384

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18071	.04124	-.00056	.00243	-.00048	-.0010	.00172	5.7581
Stddev	.00432	.00024	.00042	.00004	.00146	.0010	.00013	.0778
%RSD	2.3919	.57960	75.138	1.5560	302.17	97.32	7.7087	1.3508

#1	.18377	.04107	-.00026	.00245	-.00152	-.0003	.00181	5.8131
#2	.17766	.04141	-.00086	.00240	.00055	-.0017	.00162	5.7031

Sample Name: J5963-03 Acquired: 11/19/2018 19:45:54 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FS-OILY-PAD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3620
 Stddev .3167
 %RSD 13.410

#1 2.5859
 #2 2.1380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.8	43354.	4383.6	102.84	3228.2
Stddev	16.5	153.	13.2	.72	19.4
%RSD	.52021	.35270	.30165	.70011	.60210

#1	3157.1	43246.	4392.9	103.35	3214.4
#2	3180.5	43462.	4374.2	102.33	3241.9

Sample Name: J5963-04 Acquired: 11/19/2018 19:50:04 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FS-OIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00304	-.00192	-.00037	.00449	.00027	.02107	.00209	-.00006
Stddev	.00152	.00079	.00019	.00052	.00102	.00119	.00036	.00005
%RSD	50.000	41.235	52.472	11.492	375.61	5.6456	17.501	81.144

#1	-.00196	-.00136	-.00051	.00486	-.00045	.02023	.00234	-.00009
#2	-.00411	-.00248	-.00023	.00413	.00099	.02191	.00183	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.18589	.00181	-.00007	.15140	.44530	.00490	-.01734
Stddev	.00010	.00029	.00016	.00027	.00083	.00711	.00003	.01956
%RSD	11.744	.15338	8.6984	370.03	.54560	1.5956	.56641	112.76

#1	.00077	.18569	.00170	.00012	.15199	.45032	.00488	-.03117
#2	.00091	.18609	.00192	-.00026	.15082	.44027	.00492	-.00351

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	.00226	.40173	-.00025	.07681	-.06757	.00086	-.00011
Stddev	.00054	.00057	.01579	.00015	.00061	.02313	.00016	.00116
%RSD	62.744	25.483	3.9312	61.372	.79111	34.234	18.967	1026.2

#1	.00124	.00266	.41290	-.00014	.07638	-.05122	.00075	-.00093
#2	.00048	.00185	.39056	-.00036	.07724	-.08393	.00098	.00071

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3755	.02335	-.00285	.00380	-.00789	.0057	-.00022	4.0872
Stddev	.0157	.00096	.00040	.00044	.00156	.0016	.00001	.1498
%RSD	.21257	4.1132	13.895	11.607	19.827	28.48	6.3376	3.6643

#1	7.3866	.02267	-.00313	.00411	-.00899	.0069	-.00021	4.1931
#2	7.3644	.02403	-.00257	.00349	-.00678	.0046	-.00023	3.9813

Sample Name: J5963-04 Acquired: 11/19/2018 19:50:04 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FS-OIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.62046
Stddev	.30907
%RSD	49.813

#1	.40192
#2	.83901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.7	47352.	4482.2	107.56	3677.6
Stddev	25.5	193.	42.2	.25	33.9
%RSD	.77335	.40727	.94253	.23307	.92172

#1	3284.6	47215.	4452.3	107.74	3653.6
#2	3320.7	47488.	4512.1	107.39	3701.6

Sample Name: J5983-01 Acquired: 11/19/2018 19:54:07 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00485	-.00414	-.00306	.00362	.00112	.02039	.11431	-.00000
Stddev	.00126	.00135	.00007	.00223	.00035	.00811	.00109	.00001
%RSD	26.043	32.535	2.1519	61.532	31.499	39.777	.95539	217.78

#1	-.00396	-.00319	-.00301	.00519	.00137	.02613	.11354	-.00001
#2	-.00575	-.00510	-.00310	.00204	.00087	.01466	.11508	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.51694	.00068	-.00009	.00480	.02263	.00150	.03422
Stddev	.00005	.03596	.00006	.00027	.00042	.00230	.00007	.10603
%RSD	45.455	6.9566	9.3207	287.98	8.6780	10.160	4.8384	309.81

#1	.00014	.49151	.00073	.00010	.00510	.02426	.00155	.10920
#2	.00007	.54236	.00064	-.00028	.00451	.02100	.00145	-.04075

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	.00010	289.40	-.00036	.07730	.07614	.00046	.01561
Stddev	.00013	.00069	.99	.00013	.00041	.06410	.00024	.00356
%RSD	4.7488	683.02	.34139	35.773	.53501	84.188	52.270	22.840

#1	.00288	.00059	288.70	-.00046	.07759	.03081	.00063	.01813
#2	.00269	-.00039	290.09	-.00027	.07701	.12146	.00029	.01309

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16111	.03939	.00043	.00226	-.00292	.0029	.00284	5.7905
Stddev	.00569	.00147	.00111	.00136	.00205	.0007	.00001	.0537
%RSD	3.5340	3.7245	256.66	60.233	70.249	25.27	.41214	.92819

#1	.16513	.03836	-.00035	.00322	-.00147	.0024	.00285	5.7525
#2	.15708	.04043	.00122	.00130	-.00437	.0034	.00283	5.8285

Sample Name: J5983-01 Acquired: 11/19/2018 19:54:07 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2242
Stddev .0784
%RSD 3.5241

#1 2.2797
#2 2.1688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.7	42871.	4410.3	103.51	3186.9
Stddev	17.7	48.	23.8	.69	21.7
%RSD	.56595	.11278	.53952	.66603	.68074

#1	3122.2	42905.	4393.4	103.03	3171.6
#2	3147.3	42837.	4427.1	104.00	3202.3

Sample Name: J5983-03 Acquired: 11/19/2018 19:58:17 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00250	-.00299	-.00084	.00242	-.00014	.01059	.10877	.00005
Stddev	.00073	.00045	.00012	.00135	.00254	.00079	.00076	.00000
%RSD	29.310	15.109	13.722	55.669	1790.5	7.4401	.69622	1.5134

#1	-.00302	-.00267	-.00093	.00338	-.00194	.01114	.10824	.00005
#2	-.00198	-.00331	-.00076	.00147	.00166	.01003	.10931	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.20624	.00054	-.00062	.04383	.04343	.00144	.02560
Stddev	.00012	.03031	.00047	.00007	.00164	.00071	.00003	.01876
%RSD	220.59	14.695	86.705	10.561	3.7467	1.6401	2.1634	73.280

#1	.00003	.22767	.00021	-.00067	.04499	.04394	.00142	.01234
#2	-.00013	.18481	.00087	-.00058	.04266	.04293	.00146	.03887

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00040	244.52	-.00023	.19461	.07687	.00009	.01535
Stddev	.00028	.00047	.82	.00045	.00026	.03066	.00022	.00817
%RSD	19.393	119.68	.33364	198.57	.13356	39.891	255.12	53.199

#1	.00163	-.00073	243.95	-.00055	.19480	.05519	.00024	.02113
#2	.00123	-.00006	245.10	.00009	.19443	.09855	-.00007	.00958

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13603	.02667	.00034	.00005	-.00266	.0011	.00149	5.5502
Stddev	.00070	.00456	.00028	.00028	.00070	.0001	.00015	.0383
%RSD	.51171	17.086	81.062	575.66	26.441	5.194	10.080	.69044

#1	.13652	.02345	.00015	-.00015	-.00316	.0011	.00139	5.5773
#2	.13554	.02989	.00054	.00025	-.00217	.0010	.00160	5.5231

Sample Name: J5983-03 Acquired: 11/19/2018 19:58:17 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1776
Stddev .6899
%RSD 31.681

#1 1.6897
#2 2.6654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.5	43555.	4376.2	105.16	3285.7
Stddev	50.9	13.	.4	.08	45.6
%RSD	1.5858	.02954	.00999	.07336	1.3880

#1	3174.5	43546.	4375.9	105.10	3253.4
#2	3246.5	43564.	4376.5	105.21	3317.9

Sample Name: J5989-02 Acquired: 11/19/2018 20:02:27 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ES-RO-343 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	-.00322	.00406	.00423	.00138	.14007	.07142	.00006
Stddev	.00158	.00065	.00012	.00170	.00094	.00092	.00029	.00006
%RSD	44.100	20.246	2.9892	40.261	68.367	.65912	.40447	111.68

#1	-.00469	-.00276	.00398	.00302	.00204	.13942	.07122	.00001
#2	-.00246	-.00368	.00415	.00543	.00071	.14072	.07163	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	6.2186	.00088	.00072	.01032	.04712	.05846	.76777
Stddev	.00002	.0424	.00007	.00006	.00020	.00043	.00011	.03443
%RSD	10.708	.68176	7.6400	8.0493	1.9202	.90504	.18036	4.4847

#1	.00016	6.1886	.00083	.00068	.01046	.04682	.05839	.79212
#2	.00014	6.2486	.00093	.00076	.01018	.04742	.05854	.74343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.00060	299.15	-.00026	.05011	.74770	.00030	-.00018
Stddev	.00029	.00049	4.97	.00050	.00015	.00798	.00021	.00044
%RSD	10.927	82.215	1.6606	188.27	.29208	1.0672	68.071	249.12

#1	.00282	-.00025	302.67	.00009	.05021	.74206	.00016	-.00049
#2	.00241	-.00095	295.64	-.00061	.05001	.75334	.00045	.00013

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20232	.88984	.00029	.00371	.00250	.0094	.05181	5.6800
Stddev	.00132	.00325	.00033	.00013	.00040	.0011	.00039	.0687
%RSD	.65328	.36539	111.01	3.5762	15.968	11.87	.74449	1.2094

#1	.20325	.89214	.00052	.00380	.00222	.0102	.05154	5.7286
#2	.20138	.88754	.00006	.00362	.00279	.0086	.05208	5.6314

Sample Name: J5989-02 Acquired: 11/19/2018 20:02:27 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ES-RO-343 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7393
Stddev	.3296
%RSD	12.031

#1	2.9724
#2	2.5063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.6	43032.	4349.8	102.58	3198.3
Stddev	2.0	111.	38.6	.46	2.2
%RSD	.06473	.25824	.88789	.44805	.06751

#1	3155.0	42954.	4322.5	102.26	3199.8
#2	3152.2	43111.	4377.1	102.91	3196.8

Sample Name: J5991-02 Acquired: 11/19/2018 20:06:35 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-RO-358 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00368	-.00422	.00475	.00565	-.00050	.10203	.15151	.00005
Stddev	.00053	.00099	.00043	.00040	.00132	.00976	.00072	.00005
%RSD	14.429	23.505	8.9813	7.1428	262.17	9.5643	.47553	103.40

#1	-.00405	-.00352	.00505	.00594	.00043	.10893	.15100	.00001
#2	-.00330	-.00492	.00445	.00537	-.00144	.09513	.15202	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	17.672	.00055	.00236	.03666	.01402	.51775	1.9926
Stddev	.00006	.062	.00070	.00023	.00017	.00107	.00000	.0015
%RSD	12.821	.34952	127.41	9.5708	.46149	7.6372	.00042	.07412

#1	.00052	17.629	.00104	.00220	.03677	.01327	.51774	1.9915
#2	.00043	17.716	.00005	.00252	.03654	.01478	.51775	1.9936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00516	-.00039	303.92	-.00003	.08678	1.1781	.00021	.00925
Stddev	.00048	.00007	3.61	.00068	.00034	.0628	.00026	.00530
%RSD	9.3635	16.758	1.1867	1984.5	.39380	5.3283	125.05	57.268

#1	.00481	-.00035	306.47	.00045	.08702	1.1337	.00040	.00550
#2	.00550	-.00044	301.37	-.00052	.08654	1.2225	.00002	.01300

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25650	1.1760	-.00019	.00095	.00150	.0118	.07755	5.6059
Stddev	.00108	.0113	.00060	.00251	.00172	.0016	.00025	.1352
%RSD	.42174	.96174	310.58	263.45	114.99	13.35	.32864	2.4124

#1	.25574	1.1680	-.00061	.00273	.00028	.0129	.07737	5.7015
#2	.25727	1.1840	.00023	-.00082	.00272	.0107	.07773	5.5102

Sample Name: J5991-02 Acquired: 11/19/2018 20:06:35 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-RO-358 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2882
Stddev .1257
%RSD 5.4943

#1 2.1993
#2 2.3771

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.1	42850.	4363.3	103.36	3156.2
Stddev	13.2	73.	35.5	.24	17.0
%RSD	.42192	.17068	.81279	.23634	.53905

#1	3115.8	42798.	4338.3	103.18	3144.1
#2	3134.4	42901.	4388.4	103.53	3168.2

Sample Name: CCV08 Acquired: 11/19/2018 20:10:43 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LR-RBR-20003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8866	4.8708	4.7108	4.8596	4.8453	10.211	9.5026	.25418
Stddev	.0163	.0022	.0127	.0141	.0108	.034	.0009	.00008
%RSD	.33255	.04427	.26915	.29043	.22312	.33581	.00920	.02982
#1	4.8751	4.8723	4.7018	4.8496	4.8376	10.235	9.5032	.25423
#2	4.8981	4.8693	4.7197	4.8695	4.8529	10.186	9.5020	.25413
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3489	25.530	1.0042	2.3429	1.2242	4.7942	2.5795	24.093
Stddev	.0036	.163	.0027	.0057	.0044	.1156	.0004	.152
%RSD	.15275	.63716	.26807	.24387	.35985	2.4113	.01589	.63190
#1	2.3464	25.415	1.0061	2.3389	1.2211	4.8759	2.5792	23.985
#2	2.3514	25.645	1.0023	2.3470	1.2273	4.7124	2.5798	24.200
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3712	1.2537	23.448	2.5620	2.4248	23.834	4.9947	4.9017
Stddev	.0067	.0027	.068	.0018	.0579	.080	.0116	.0001
%RSD	.28155	.21177	.29068	.07058	2.3869	.33688	.23225	.00119
#1	2.3665	1.2556	23.400	2.5632	2.4658	23.778	4.9865	4.9017
#2	2.3759	1.2518	23.497	2.5607	2.3839	23.891	5.0029	4.9018
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6983	5.0366	4.6973	4.7439	4.7899	4.826	5.0412	5.0805
Stddev	.0198	.0204	.0102	.0032	.0124	.011	.0147	.0537
%RSD	.42040	.40566	.21780	.06674	.25858	.2313	.29081	1.0568
#1	4.6843	5.0221	4.6900	4.7417	4.7811	4.818	5.0309	5.1185
#2	4.7122	5.0510	4.7045	4.7461	4.7986	4.833	5.0516	5.0426

Sample Name: CCV08 Acquired: 11/19/2018 20:10:43 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LR-RBR-20003 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8969
Stddev	.2856
%RSD	9.8604

#1	2.6949
#2	3.0989

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.6	44862.	4408.0	101.23	3257.2
Stddev	4.7	212.	9.4	2.53	3.1
%RSD	.14632	.47170	.21374	2.4972	.09653

#1	3248.0	44712.	4414.7	99.446	3259.5
#2	3241.3	45012.	4401.3	103.02	3255.0

Sample Name: CCB08 Acquired: 11/19/2018 20:14:28 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LR-RBR-20002 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	.00071	-.00315	.00106	.00164	-.00171	.00265	.00004
Stddev	.00054	.00142	.00053	.00123	.00120	.00137	.00022	.00001
%RSD	35.370	200.60	16.682	116.35	72.788	80.276	8.3008	20.596

#1	-.00114	-.00030	-.00352	.00193	.00080	-.00074	.00280	.00004
#2	-.00191	.00172	-.00278	.00019	.00249	-.00268	.00249	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.02104	.00006	-.00006	.00018	-.00763	-.00000	-.02063
Stddev	.00004	.01311	.00008	.00022	.00018	.00176	.00004	.00234
%RSD	71.494	62.311	142.57	387.53	101.40	23.096	2596.3	11.341

#1	-.00003	.03031	.00011	.00010	.00030	-.00638	-.00003	-.01898
#2	-.00009	.01177	-.00000	-.00021	.00005	-.00887	.00003	-.02229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00016	.14015	-.00064	-.00178	-.09384	.00065	.00603
Stddev	.00012	.00014	.00433	.00011	.00004	.04062	.00006	.00030
%RSD	59.148	84.237	3.0904	17.614	2.3043	43.289	8.7918	4.9651

#1	-.00012	-.00007	.13708	-.00056	-.00175	-.12256	.00069	.00624
#2	-.00030	-.00026	.14321	-.00073	-.00180	-.06511	.00061	.00582

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00670	-.00051	.00203	-.00376	-.0009	-.00012	F 4.5245
Stddev	.00346	.00048	.00027	.00211	.00079	.0008	.00009	.2813
%RSD	1048.2	7.2369	53.916	103.83	20.894	93.87	70.871	6.2175

#1	.00212	.00704	-.00031	.00054	-.00432	-.0015	-.00006	4.7234
#2	-.00278	.00636	-.00070	.00352	-.00321	-.0003	-.00018	4.3256

Sample Name: CCB08 Acquired: 11/19/2018 20:14:28 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LR-RBR-20002 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .92465
Stddev	.65405
%RSD	70.735

#1	.46216
#2	1.3871

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.7	46042.	4327.3	103.40	3632.9
Stddev	10.3	142.	22.3	.61	13.1
%RSD	.31058	.30897	.51517	.58903	.35959

#1	3318.4	45941.	4311.6	103.83	3623.7
#2	3333.0	46142.	4343.1	102.97	3642.1

Sample Name: J5985-01 Acquired: 11/19/2018 20:18:33 Type: Unk
Method: P4-ICP2(v2595) 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	-.00179	-.00131	-.00226	.00174	-.00271	.02417	.02504	.00009
Stddev	.00042	.00004	.00018	.00264	.00009	.02397	.00039	.00001
%RSD	23.669	2.7068	7.8410	151.97	3.1682	99.174	1.5630	6.6351
#1	-.00209	-.00134	-.00214	-.00013	-.00277	.00722	.02476	.00009
#2	-.00149	-.00129	-.00239	.00361	-.00265	.04111	.02531	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	36.442	-.00019	-.00014	.00051	.02034	.00236	27.301
Stddev	.00011	.165	.00080	.00007	.00044	.00373	.00002	.052
%RSD	243.47	.45204	420.06	49.083	86.144	18.327	.77703	.19231
#1	.00003	36.558	-.00075	-.00009	.00020	.02297	.00237	27.263
#2	-.00013	36.325	.00037	-.00018	.00083	.01770	.00235	27.338
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	-.00032	195.27	.00073	-.00060	8.5471	.00094	.07424
Stddev	.00003	.00043	1.55	.00001	.00003	.1213	.00007	.00122
%RSD	1.9995	133.04	.79492	1.1982	5.2470	1.4196	7.8868	1.6427
#1	-.00173	-.00062	194.17	.00073	-.00062	8.4613	.00099	.07338
#2	-.00168	-.00002	196.36	.00072	-.00057	8.6329	.00089	.07510
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.282	3.0312	-.00762	.00143	-.01366	.0356	.25626	5.0318
Stddev	.149	.0207	.00030	.00171	.00017	.0001	.00096	.3028
%RSD	.81678	.68363	3.9152	119.37	1.2777	.2085	.37341	6.0178
#1	18.388	3.0165	-.00741	.00022	-.01378	.0357	.25694	4.8177
#2	18.177	3.0458	-.00784	.00264	-.01354	.0356	.25559	5.2459

Sample Name: J5985-01 Acquired: 11/19/2018 20:18:33 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7276
Stddev .8591
%RSD 31.497

#1 3.3351
#2 2.1201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.9	44398.	4439.4	106.38	3380.2
Stddev	22.4	767.	37.4	1.06	25.3
%RSD	.67618	1.7280	.84341	.99612	.74920

#1	3300.0	44940.	4465.9	107.13	3362.3
#2	3331.7	43855.	4412.9	105.63	3398.1

Sample Name: J5985-02 Acquired: 11/19/2018 20:22:35 Type: Unk
Method: P4-ICP2(v2595) 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	.00021	-.00238	-.00108	.00365	-.00123	-.00056	.02468	.00007
Stddev	.00209	.00059	.00015	.00124	.00092	.01709	.00112	.00007
%RSD	989.12	24.747	13.431	33.964	74.267	3047.4	4.5416	95.605
#1	-.00127	-.00196	-.00119	.00452	-.00059	.01153	.02388	.00013
#2	.00169	-.00280	-.00098	.00277	-.00188	-.01265	.02547	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	34.957	.00003	-.00047	.00145	.02970	.00263	26.059
Stddev	.00009	.558	.00002	.00016	.00022	.00552	.00006	.282
%RSD	79.266	1.5974	82.638	33.686	15.259	18.589	2.2204	1.0803
#1	-.00017	34.562	.00001	-.00058	.00130	.02579	.00259	25.860
#2	-.00005	35.352	.00004	-.00036	.00161	.03360	.00267	26.258
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00018	186.82	.00017	.00085	8.1583	.00060	.07651
Stddev	.00019	.00052	1.63	.00009	.00011	.1122	.00008	.00154
%RSD	17.207	284.49	.87354	52.335	12.734	1.3746	13.727	2.0174
#1	-.00126	.00019	185.67	.00011	.00093	8.0790	.00066	.07542
#2	-.00099	-.00056	187.97	.00023	.00077	8.2376	.00054	.07760
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.711	2.9298	-.00642	.00056	-.01232	.0369	.24703	4.6587
Stddev	.135	.0411	.00137	.00158	.00089	.0011	.00381	.1311
%RSD	.76026	1.4014	21.292	282.48	7.2236	2.989	1.5439	2.8132
#1	17.806	2.9008	-.00739	-.00056	-.01295	.0361	.24434	4.7514
#2	17.616	2.9588	-.00545	.00168	-.01169	.0377	.24973	4.5661

Sample Name: J5985-02 Acquired: 11/19/2018 20:22:35 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1576
Stddev .2899
%RSD 9.1820

#1 3.3626
#2 2.9526

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.0	44906.	4463.3	104.77	3354.3
Stddev	10.0	41.	52.6	.08	10.8
%RSD	.30341	.09066	1.1794	.07592	.32339

#1	3280.0	44877.	4500.5	104.71	3346.6
#2	3294.1	44935.	4426.1	104.83	3361.9

Sample Name: J5985-03 Acquired: 11/19/2018 20:26:38 Type: Unk
Method: P4-ICP2(v2595) 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	-.00111	-.00203	-.00310	.00267	-.00222	.02477	.02416	.00017
Stddev	.00313	.00142	.00012	.00324	.00061	.00334	.00006	.00002
%RSD	281.56	69.852	3.8130	121.33	27.620	13.491	.26404	12.521
#1	-.00332	-.00303	-.00302	.00497	-.00266	.02240	.02412	.00018
#2	.00110	-.00103	-.00319	.00038	-.00179	.02713	.02421	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	34.780	-.00076	-.00015	.00109	.03213	.00208	24.972
Stddev	.00004	.249	.00003	.00001	.00061	.00648	.00013	.121
%RSD	19.775	.71580	4.0545	4.7870	56.109	20.182	6.1335	.48552
#1	-.00019	34.956	-.00078	-.00015	.00152	.03672	.00217	24.886
#2	-.00025	34.604	-.00073	-.00016	.00066	.02755	.00199	25.058
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	.00022	177.87	.00016	-.00137	7.8300	.00051	.06810
Stddev	.00020	.00026	.63	.00059	.00001	.0075	.00029	.00275
%RSD	19.293	114.60	.35267	360.05	.49662	.09614	57.450	4.0330
#1	-.00119	.00041	178.31	-.00025	-.00138	7.8353	.00030	.06615
#2	-.00090	.00004	177.42	.00058	-.00137	7.8246	.00072	.07004
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.852	2.8794	-.00634	.00045	-.01377	.0369	.24325	4.6654
Stddev	.031	.0361	.00062	.00273	.00055	.0007	.00170	.3743
%RSD	.18279	1.2537	9.7093	608.72	3.9744	1.792	.69723	8.0233
#1	16.874	2.9050	-.00590	-.00148	-.01415	.0364	.24445	4.9300
#2	16.830	2.8539	-.00677	.00238	-.01338	.0374	.24205	4.4007

Sample Name: J5985-03 Acquired: 11/19/2018 20:26:38 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6970
Stddev	.3295
%RSD	12.216

#1	2.9300
#2	2.4641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.3	45204.	4422.4	106.52	3375.3
Stddev	7.1	1093.	19.0	1.12	9.3
%RSD	.21667	2.4189	.42870	1.0554	.27682

#1	3291.3	44431.	4409.0	105.73	3368.7
#2	3301.4	45977.	4435.8	107.32	3381.9

Sample Name: J5985-04 Acquired: 11/19/2018 20:30:41 Type: Unk
Method: P4-ICP2(v2595) 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	.00141	-.00161	-.00270	.00389	-.00152	.00624	.02437	.00017
Stddev	.00118	.00091	.00119	.00233	.00065	.00890	.00057	.00000
%RSD	83.287	56.830	44.157	59.908	42.602	142.55	2.3310	1.9541

#1	.00225	-.00225	-.00354	.00224	-.00197	.01254	.02397	.00017
#2	.00058	-.00096	-.00186	.00554	-.00106	-.00005	.02477	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	34.991	.00015	-.00030	.00093	.03066	.00214	24.417
Stddev	.00002	.174	.00031	.00017	.00003	.00634	.00002	.024
%RSD	16.967	.49853	207.81	57.272	2.8215	20.688	1.0108	.09638

#1	-.00009	34.867	.00037	-.00018	.00091	.02618	.00216	24.400
#2	-.00012	35.114	-.00007	-.00041	.00094	.03515	.00213	24.434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00035	171.07	.00011	-.00124	7.5551	.00056	.06881
Stddev	.00046	.00041	1.03	.00048	.00005	.0385	.00037	.00207
%RSD	34.697	116.89	.60381	459.89	4.3184	.50928	65.877	3.0037

#1	-.00101	-.00006	171.80	.00045	-.00127	7.5823	.00082	.06735
#2	-.00166	-.00064	170.34	-.00024	-.00120	7.5279	.00030	.07028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.903	2.9808	-.00612	.00191	-.01376	.0372	.23945	4.7765
Stddev	.185	.0157	.00017	.00236	.00047	.0009	.00092	.0894
%RSD	1.1607	.52581	2.7017	124.13	3.3977	2.397	.38454	1.8715

#1	15.772	2.9697	-.00624	.00358	-.01409	.0366	.23880	4.8397
#2	16.033	2.9919	-.00601	.00023	-.01343	.0378	.24011	4.7133

Sample Name: J5985-04 Acquired: 11/19/2018 20:30:41 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4254
Stddev .2967
%RSD 12.233

#1 2.2156
#2 2.6352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.5	44681.	4335.2	103.88	3374.7
Stddev	29.6	72.	17.0	.19	30.7
%RSD	.90085	.16109	.39138	.18279	.91054

#1	3308.5	44630.	4323.2	103.75	3396.4
#2	3266.6	44732.	4347.2	104.02	3352.9

Sample Name: J5985-05 Acquired: 11/19/2018 20:34:45 Type: Unk
Method: P4-ICP2(v2595) 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	.00155	-.00087	-.00405	.00197	-.00164	.00535	.01654	.00016
Stddev	.00139	.00080	.00022	.00058	.00054	.01478	.00226	.00004
%RSD	89.268	91.539	5.5287	29.579	32.874	276.40	13.641	26.798

#1	.00253	-.00031	-.00420	.00238	-.00203	.01579	.01494	.00013
#2	.00057	-.00144	-.00389	.00156	-.00126	-.00510	.01813	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	27.735	-.00013	.00007	.00153	.04437	.00295	5.4877
Stddev	.00006	2.273	.00076	.00005	.00016	.00333	.00003	.4070
%RSD	83.561	8.1960	592.06	72.102	10.262	7.5097	1.1702	7.4160

#1	-.00003	26.128	-.00067	.00004	.00164	.04201	.00297	5.1999
#2	-.00011	29.343	.00041	.00011	.00142	.04672	.00292	5.7754

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	-.00073	20.044	-.00001	-.00145	1.4599	.00034	.00386
Stddev	.00056	.00035	1.522	.00014	.00002	.1114	.00011	.00149
%RSD	136.46	47.842	7.5916	1215.3	1.3389	7.6300	32.640	38.634

#1	-.00001	-.00098	18.968	-.00011	-.00147	1.3811	.00026	.00491
#2	-.00081	-.00049	21.120	.00009	-.00144	1.5386	.00042	.00280

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9569	2.7459	-.00293	.00047	-.01672	.0346	.13395	3.9340
Stddev	.0123	.1928	.00015	.00033	.00141	.0007	.01134	.2170
%RSD	.31172	7.0216	5.2132	70.247	8.4552	2.014	8.4666	5.5171

#1	3.9482	2.6096	-.00304	.00024	-.01772	.0351	.12593	4.0875
#2	3.9656	2.8823	-.00282	.00070	-.01572	.0341	.14196	3.7805

Sample Name: J5985-05 Acquired: 11/19/2018 20:34:45 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4893
Stddev .2018
%RSD 13.548

#1 1.6320
#2 1.3467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.0	46865.	4702.6	113.73	3710.3
Stddev	20.6	345.	323.8	6.64	6.9
%RSD	.60384	.73633	6.8854	5.8395	.18602

#1	3429.5	46621.	4931.5	118.42	3715.2
#2	3400.4	47109.	4473.6	109.03	3705.5

Sample Name: J5985-06 Acquired: 11/19/2018 20:38:48 Type: Unk
Method: P4-ICP2(v2595) 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	-.00145	-.00105	-.00347	.00067	-.00224	.02057	.01683	.00007
Stddev	.00278	.00007	.00093	.00087	.00204	.00110	.00006	.00004
%RSD	191.79	7.1421	26.758	129.75	91.141	5.3558	.36990	54.290
#1	-.00342	-.00110	-.00412	.00129	-.00369	.02135	.01688	.00004
#2	.00052	-.00099	-.00281	.00006	-.00080	.01979	.01679	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	28.737	-.00008	-.00018	.00088	.04424	.00309	5.8299
Stddev	.00007	.085	.00041	.00001	.00011	.00400	.00005	.0430
%RSD	78.365	.29416	498.96	5.6191	12.355	9.0341	1.7131	.73845
#1	-.00014	28.677	-.00037	-.00017	.00095	.04142	.00313	5.8604
#2	-.00004	28.796	.00021	-.00019	.00080	.04707	.00305	5.7995
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00046	21.093	.00016	-.00124	1.5053	.00036	.00866
Stddev	.00027	.00102	.039	.00011	.00005	.0116	.00003	.00424
%RSD	244.40	222.18	.18692	66.020	4.0466	.76811	9.0646	48.959
#1	-.00008	-.00119	21.121	.00024	-.00120	1.4971	.00034	.01165
#2	.00030	.00026	21.065	.00009	-.00127	1.5135	.00038	.00566
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9646	2.8302	-.00247	.00065	-.01529	.0357	.13944	4.0292
Stddev	.0186	.0093	.00035	.00138	.00268	.0006	.00031	.1902
%RSD	.46938	.32814	14.316	212.12	17.522	1.671	.22399	4.7211
#1	3.9777	2.8368	-.00222	.00162	-.01719	.0361	.13922	4.1637
#2	3.9514	2.8237	-.00272	-.00032	-.01340	.0353	.13966	3.8947

Sample Name: J5985-06 Acquired: 11/19/2018 20:38:48 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6508
 Stddev .1786
 %RSD 10.817

#1 1.7771
 #2 1.5245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.2	46737.	4558.9	109.16	3707.2
Stddev	23.4	486.	6.9	3.04	21.5
%RSD	.68385	1.0396	.15101	2.7874	.58033

#1	3402.7	46394.	4563.7	111.31	3692.0
#2	3435.8	47081.	4554.0	107.01	3722.4

Sample Name: J5985-07 Acquired: 11/19/2018 20:42:51 Type: Unk
Method: P4-ICP2(v2595) 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	-.00166	-.00355	-.00148	.00424	-.00390	-.00650	.02764	.00022
Stddev	.00047	.00012	.00058	.00126	.00052	.00769	.00070	.00001
%RSD	28.446	3.4358	39.476	29.816	13.310	118.24	2.5376	3.0944
#1	-.00199	-.00364	-.00107	.00335	-.00353	-.00107	.02813	.00022
#2	-.00133	-.00347	-.00189	.00513	-.00426	-.01194	.02714	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	55.834	-.00070	-.00051	.00075	.02163	.00481	93.492
Stddev	.00003	.085	.00026	.00009	.00021	.00205	.00023	.306
%RSD	34.781	.15160	37.436	16.992	28.137	9.4682	4.6805	.32769
#1	-.00012	55.894	-.00088	-.00045	.00090	.02308	.00465	93.709
#2	-.00007	55.774	-.00051	-.00057	.00060	.02019	.00497	93.275
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	-.00004	718.77	.00052	-.00127	30.960	.00101	.30021
Stddev	.00037	.00037	10.24	.00035	.00009	.117	.00016	.00804
%RSD	12.323	993.58	1.4241	67.148	7.2709	.37740	16.140	2.6778
#1	-.00272	.00022	726.01	.00076	-.00121	31.043	.00113	.30590
#2	-.00324	-.00030	711.53	.00027	-.00134	30.877	.00090	.29453
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.859	2.5888	-.02522	.00146	-.00123	.0499	.65728	6.1466
Stddev	.543	.0177	.00032	.00011	.00237	.0006	.00163	.6341
%RSD	.77716	.68217	1.2663	7.7527	191.85	1.170	.24778	10.316
#1	69.476	2.6013	-.02499	.00154	.00044	.0495	.65843	5.6982
#2	70.243	2.5763	-.02544	.00138	-.00291	.0503	.65613	6.5949

Sample Name: J5985-07 Acquired: 11/19/2018 20:42:51 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7293
Stddev	.2551
%RSD	5.3934

#1	4.5489
#2	4.9097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.9	40976.	4348.2	104.18	3010.6
Stddev	20.0	1641.	14.4	.42	21.9
%RSD	.64362	4.0038	.33142	.40215	.72707

#1	3116.0	42136.	4338.0	104.48	3026.0
#2	3087.8	39815.	4358.4	103.89	2995.1

Sample Name: J5985-08 Acquired: 11/19/2018 20:46:59 Type: Unk
 Method: P4-ICP2(v2595) 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	.00036	-.00041	-.00386	.00019	-.00169	.01592	.02055	.00011
Stddev	.00531	.00225	.00000	.00113	.00132	.00387	.00041	.00003
%RSD	1464.7	542.94	.10718	605.23	78.245	24.313	2.0137	28.880
#1	.00412	.00118	-.00387	-.00061	-.00076	.01319	.02085	.00014
#2	-.00339	-.00201	-.00386	.00099	-.00263	.01866	.02026	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	32.406	-.00036	-.00023	.00100	.04414	.00243	18.960
Stddev	.00004	.090	.00019	.00011	.00013	.00739	.00004	.047
%RSD	25.786	.27778	52.301	48.693	13.132	16.735	1.5426	.24960
#1	-.00014	32.470	-.00049	-.00015	.00091	.04936	.00240	18.993
#2	-.00020	32.343	-.00022	-.00031	.00109	.03891	.00246	18.926
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	-.00048	128.29	-.00007	-.00130	5.9029	.00056	.05643
Stddev	.00006	.00005	1.20	.00002	.00009	.0227	.00009	.00464
%RSD	6.1447	10.395	.93326	23.986	7.1142	.38406	15.684	8.2300
#1	-.00092	-.00051	129.14	-.00009	-.00123	5.9189	.00062	.05971
#2	-.00100	-.00044	127.44	-.00006	-.00136	5.8869	.00050	.05315
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.046	2.8314	-.00528	-.00016	-.01251	.0401	.21923	4.9165
Stddev	.129	.0449	.00001	.00113	.00066	.0016	.00185	.0257
%RSD	.99087	1.5866	.10446	715.85	5.2969	3.876	.84334	.52313
#1	13.137	2.8632	-.00528	.00064	-.01298	.0412	.22054	4.8983
#2	12.954	2.7997	-.00529	-.00096	-.01204	.0390	.21792	4.9347

Sample Name: J5985-08 Acquired: 11/19/2018 20:46:59 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8267
Stddev .9540
%RSD 33.751

#1 2.1521
#2 3.5013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.6	44640.	4439.3	105.36	3447.1
Stddev	14.2	79.	50.2	3.16	10.4
%RSD	.42680	.17801	1.1303	2.9963	.30027

#1	3318.6	44584.	4403.8	103.13	3439.8
#2	3338.7	44697.	4474.8	107.59	3454.4

Sample Name: J5985-09 Acquired: 11/19/2018 20:51:01 Type: Unk
Method: P4-ICP2(v2595) 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	-.00006	-.00097	-.00390	.00167	-.00211	.01595	.01958	.00014
Stddev	.00059	.00014	.00042	.00009	.00101	.00632	.00039	.00006
%RSD	1003.3	14.300	10.695	5.1952	48.073	39.636	2.0123	41.787

#1	.00036	-.00106	-.00360	.00173	-.00282	.01148	.01930	.00010
#2	-.00048	-.00087	-.00419	.00161	-.00139	.02042	.01986	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	28.863	-.00017	-.00021	.00082	.04095	.00219	9.3649
Stddev	.00002	.094	.00013	.00026	.00019	.00210	.00004	.0603
%RSD	19.597	.32509	76.071	126.68	23.692	5.1223	1.9002	.64433

#1	-.00013	28.929	-.00026	-.00039	.00068	.04243	.00216	9.4076
#2	-.00010	28.797	-.00008	-.00002	.00096	.03946	.00222	9.3223

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	-.00106	51.264	-.00020	-.00150	2.8043	.00072	.02579
Stddev	.00026	.00006	.314	.00016	.00004	.0204	.00003	.00318
%RSD	49.133	6.0099	.61277	79.727	2.9736	.72602	3.8101	12.335

#1	-.00034	-.00101	51.486	-.00009	-.00154	2.8187	.00074	.02804
#2	-.00071	-.00110	51.042	-.00032	-.00147	2.7899	.00070	.02354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5485	2.8425	-.00330	.00219	-.01581	.0378	.15896	3.9795
Stddev	.2325	.0460	.00051	.00175	.00155	.0016	.00046	.5927
%RSD	3.5509	1.6192	15.391	79.952	9.8155	4.325	.29207	14.894

#1	6.7129	2.8750	-.00294	.00095	-.01471	.0390	.15929	3.5603
#2	6.3840	2.8099	-.00366	.00343	-.01691	.0366	.15863	4.3986

Sample Name: J5985-09 Acquired: 11/19/2018 20:51:01 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9249
Stddev .1240
%RSD 6.4426

#1 1.8372
#2 2.0126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.1	46611.	4539.2	110.01	3602.5
Stddev	85.2	943.	18.0	1.56	94.8
%RSD	2.5145	2.0233	.39598	1.4176	2.6317

#1	3329.8	47278.	4526.5	111.11	3535.5
#2	3450.4	45944.	4552.0	108.90	3669.6

Sample Name: J5985-10 Acquired: 11/19/2018 20:55:04 Type: Unk
Method: P4-ICP2(v2595) 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	.00257	-.00146	-.00142	.00216	-.00150	.01886	.02808	.00016
Stddev	.00017	.00008	.00019	.00014	.00028	.00631	.00071	.00005
%RSD	6.6005	5.2156	13.515	6.5885	18.364	33.475	2.5456	28.695
#1	.00245	-.00152	-.00128	.00226	-.00170	.02333	.02859	.00019
#2	.00269	-.00141	-.00155	.00206	-.00131	.01440	.02758	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	46.243	-.00017	-.00023	.00063	.04027	.00480	58.795
Stddev	.00010	.701	.00006	.00021	.00018	.00543	.00018	.599
%RSD	69.133	1.5154	35.689	89.353	28.233	13.475	3.7795	1.0194
#1	-.00021	46.738	-.00012	-.00038	.00075	.04411	.00468	59.218
#2	-.00007	45.747	-.00021	-.00008	.00050	.03644	.00493	58.371
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00227	-.00004	449.58	.00104	-.00062	19.173	.00096	.18573
Stddev	.00050	.00015	6.50	.00013	.00003	.237	.00003	.00022
%RSD	22.070	338.27	1.4451	12.230	4.9109	1.2379	3.1163	.12060
#1	-.00192	.00006	454.18	.00113	-.00065	19.341	.00098	.18589
#2	-.00263	-.00015	444.99	.00095	-.00060	19.006	.00093	.18557
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 41.963	2.7615	-.01475	.00213	-.00807	.0465	.45773	4.9756
Stddev	.572	.0403	.00001	.00009	.00052	.0012	.00805	.1750
%RSD	1.3633	1.4574	.06748	4.2088	6.3903	2.475	1.7593	3.5179
#1	41.559	2.7899	-.01475	.00207	-.00843	.0457	.46342	4.8518
#2	42.368	2.7330	-.01476	.00219	-.00770	.0473	.45203	5.0993

Sample Name: J5985-10 Acquired: 11/19/2018 20:55:04 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.7056
Stddev .1451
%RSD 3.0826

#1 4.8081
#2 4.6030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.0	43999.	4288.4	101.55	3155.1
Stddev	40.0	727.	72.1	1.70	36.2
%RSD	1.2608	1.6533	1.6804	1.6730	1.1459

#1	3203.3	44513.	4237.4	100.35	3180.7
#2	3146.7	43484.	4339.3	102.75	3129.5

Sample Name: CCV09 Acquired: 11/19/2018 20:59:12 Type: Unk
Method: P4-ICP2(v2595) 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	4.8106	4.8182	4.5838	4.8194	4.7575	10.119	9.4960	.25351
Stddev	.0694	.0899	.0894	.0601	.0869	.078	.0172	.00324
%RSD	1.4433	1.8658	1.9512	1.2468	1.8258	.77053	.18117	1.2781
#1	4.7615	4.7547	4.5206	4.7769	4.6961	10.064	9.5082	.25122
#2	4.8597	4.8818	4.6471	4.8619	4.8189	10.174	9.4838	.25580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3073	25.317	1.0168	2.2936	1.2118	4.7006	2.5718	24.111
Stddev	.0414	.106	.0137	.0459	.0218	.0518	.0271	.039
%RSD	1.7927	.41754	1.3464	2.0007	1.7992	1.1023	1.0536	.16167
#1	2.2780	25.391	1.0072	2.2612	1.1964	4.6639	2.5526	24.139
#2	2.3365	25.242	1.0265	2.3261	1.2272	4.7372	2.5909	24.083
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3446	1.2603	23.336	2.5952	2.3562	24.521	4.9819	4.9359
Stddev	.0432	.0139	.043	.0187	.0314	.011	.0782	.0137
%RSD	1.8411	1.1034	.18362	.72230	1.3322	.04646	1.5702	.27725
#1	2.3141	1.2505	23.306	2.5819	2.3340	24.529	4.9265	4.9262
#2	2.3752	1.2701	23.366	2.6084	2.3783	24.513	5.0372	4.9456
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7613	5.1208	4.6341	4.7512	4.8288	4.776	4.9855	5.1086
Stddev	.0593	.0145	.0845	.0270	.0120	.078	.0067	.0506
%RSD	1.2456	.28256	1.8231	.56906	.24765	1.634	.13432	.99100
#1	4.7194	5.1310	4.5744	4.7703	4.8372	4.721	4.9902	5.0728
#2	4.8033	5.1105	4.6939	4.7321	4.8203	4.831	4.9807	5.1444

Sample Name: CCV09 Acquired: 11/19/2018 20:59:12 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.2089
 Stddev .1428
 %RSD 4.4504

#1 3.1079
 #2 3.3099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.1	44471.	4369.5	102.75	3295.2
Stddev	41.1	379.	13.0	.91	48.5
%RSD	1.2555	.85142	.29738	.88830	1.4712

#1	3304.2	44739.	4360.3	103.39	3329.5
#2	3246.0	44203.	4378.6	102.10	3260.9

Sample Name: CCB09 Acquired: 11/19/2018 21:02:57 Type: Unk
Method: P4-ICP2(v2595) 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	-.00307	-.00133	-.00278	.00213	.00101	-.00090	.00301	.00005
Stddev	.00022	.00010	.00088	.00183	.00008	.00205	.00034	.00002
%RSD	7.2953	7.8030	31.761	86.051	7.6359	228.30	11.169	33.031
#1	-.00323	-.00126	-.00216	.00083	.00107	.00055	.00277	.00004
#2	-.00292	-.00141	-.00341	.00343	.00096	-.00235	.00325	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00427	-.00007	.00000	-.00000	-.00047	-.00008	-.00515
Stddev	.00002	.00816	.00004	.00022	.00057	.00214	.00002	.01930
%RSD	84.256	191.38	59.707	5016.5	29942.	453.90	26.492	374.86
#1	.00003	.01004	-.00010	.00016	-.00041	-.00199	-.00009	.00850
#2	.00001	-.00151	-.00004	-.00015	.00040	.00104	-.00006	-.01880
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	-.00013	F .56150	-.00028	-.00143	.30437	.00064	-.01273
Stddev	.00015	.00037	.01402	.00005	.00002	.02280	.00007	.00375
%RSD	21.847	272.89	2.4974	16.371	1.0589	7.4906	10.368	29.483
#1	-.00078	.00013	.57142	-.00025	-.00144	.28825	.00060	-.01008
#2	-.00057	-.00039	.55159	-.00032	-.00142	.32049	.00069	-.01539
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01079	.00262	-.00129	.00321	F .00664	.0015	-.00011	F 3.6009
Stddev	.00113	.00182	.00026	.00091	.00162	.0009	.00005	.4076
%RSD	10.443	69.537	20.061	28.478	24.373	58.88	48.406	11.318
#1	.00999	.00390	-.00111	.00385	.00778	.0009	-.00015	3.8890
#2	.01158	.00133	-.00148	.00256	.00549	.0022	-.00007	3.3127

Sample Name: CCB09 Acquired: 11/19/2018 21:02:57 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .96444
Stddev	.69910
%RSD	72.487

#1	1.4588
#2	.47011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.4	47563.	4394.6	104.94	3698.0
Stddev	20.3	1099.	37.5	.16	18.7
%RSD	.60229	2.3114	.85309	.15621	.50695

#1	3360.0	46785.	4368.1	105.05	3684.7
#2	3388.7	48340.	4421.1	104.82	3711.2

Sample Name: J5985-11 Acquired: 11/19/2018 21:07:02 Type: Unk
Method: P4-ICP2(v2595) 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	-.00012	-.00145	-.00437	.00479	-.00076	.00858	.01869	.00007
Stddev	.00159	.00023	.00010	.00146	.00061	.00469	.00099	.00002
%RSD	1290.6	16.116	2.1804	30.496	81.010	54.652	5.3191	29.345

#1	.00100	-.00129	-.00444	.00376	-.00119	.00527	.01940	.00009
#2	-.00124	-.00162	-.00430	.00583	-.00032	.01190	.01799	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	28.686	-.00008	-.00030	.00118	.04339	.00206	10.219
Stddev	.00003	.821	.00025	.00004	.00022	.00023	.00005	.212
%RSD	30.706	2.8626	310.43	14.189	18.346	.52203	2.2149	2.0771

#1	-.00007	29.267	-.00026	-.00027	.00103	.04323	.00209	10.369
#2	-.00011	28.105	.00010	-.00033	.00133	.04355	.00203	10.069

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00063	58.761	.00032	-.00149	3.0303	.00046	.02370
Stddev	.00007	.00012	1.779	.00020	.00001	.0707	.00011	.00392
%RSD	25.057	19.580	3.0276	60.550	1.0003	2.3333	24.981	16.522

#1	-.00025	-.00054	60.019	.00046	-.00150	3.0803	.00037	.02093
#2	-.00035	-.00072	57.503	.00019	-.00148	2.9803	.00054	.02646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2482	2.7633	-.00363	-.00020	-.01522	.0384	.16254	3.0074
Stddev	.1134	.0949	.00018	.00071	.00118	.0014	.00515	.2382
%RSD	1.5650	3.4355	4.9102	349.47	7.7490	3.593	3.1673	7.9204

#1	7.1680	2.8304	-.00376	-.00071	-.01605	.0374	.16618	3.1758
#2	7.3284	2.6962	-.00351	.00030	-.01439	.0394	.15890	2.8390

Sample Name: J5985-11 Acquired: 11/19/2018 21:07:02 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0175
Stddev .2018
%RSD 10.000

#1 1.8748
#2 2.1601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.8	49261.	4696.8	114.89	3629.1
Stddev	83.5	710.	112.4	2.83	77.0
%RSD	2.4346	1.4409	2.3930	2.4636	2.1209

#1	3489.9	48759.	4617.3	112.89	3683.5
#2	3371.7	49763.	4776.2	116.89	3574.7

Sample Name: J5985-12 Acquired: 11/19/2018 21:11:05 Type: Unk
Method: P4-ICP2(v2595) 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	-.00186	-.00044	-.00334	.00279	-.00256	-.00510	.01977	.00011
Stddev	.00017	.00163	.00055	.00175	.00090	.00685	.00034	.00007
%RSD	9.2536	372.16	16.533	62.779	35.099	134.25	1.7008	67.680

#1	-.00174	.00071	-.00373	.00155	-.00193	-.00994	.01953	.00006
#2	-.00198	-.00159	-.00295	.00403	-.00320	-.00026	.02000	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	28.606	-.00002	.00002	.00087	.04352	.00223	8.3431
Stddev	.00006	.046	.00052	.00014	.00029	.00156	.00004	.0997
%RSD	114.47	.16000	2778.0	685.04	33.822	3.5795	2.0083	1.1946

#1	-.00010	28.638	.00035	.00012	.00107	.04463	.00220	8.4136
#2	-.00001	28.574	-.00038	-.00008	.00066	.04242	.00227	8.2727

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00001	42.308	.00041	-.00147	2.3864	.00045	.00924
Stddev	.00014	.00041	.010	.00056	.00002	.0009	.00007	.00210
%RSD	103.15	2740.2	.02323	134.83	1.1342	.03683	14.561	22.699

#1	-.00004	.00028	42.301	.00081	-.00148	2.3871	.00049	.01072
#2	-.00024	-.00031	42.315	.00002	-.00146	2.3858	.00040	.00775

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6953	2.8424	-.00329	.00161	-.01588	.0374	.15306	3.6123
Stddev	.0585	.0066	.00046	.00245	.00008	.0017	.00071	.2822
%RSD	1.0279	.23127	13.911	152.63	.49587	4.426	.46226	7.8110

#1	5.6539	2.8470	-.00296	-.00013	-.01582	.0363	.15356	3.4128
#2	5.7367	2.8377	-.00361	.00334	-.01594	.0386	.15256	3.8119

Sample Name: J5985-12 Acquired: 11/19/2018 21:11:05 Type: Unk
 Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7863
 Stddev .3130
 %RSD 17.519

#1 2.0076
 #2 1.5650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.5	47036.	4577.5	112.29	3700.0
Stddev	27.2	427.	1.5	2.96	28.2
%RSD	.78198	.90841	.03239	2.6397	.76350

#1	3494.8	47338.	4576.4	110.20	3719.9
#2	3456.3	46733.	4578.5	114.39	3680.0

Sample Name: J5985-12DUP Acquired: 11/19/2018 21:15:08 Type: Unk
Method: P4-ICP2(v2595) 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	-.00084	-.00136	-.00367	.00207	-.00238	.01029	.01842	.00008
Stddev	.00153	.00014	.00072	.00318	.00070	.00743	.00039	.00001
%RSD	182.83	10.217	19.497	153.23	29.275	72.216	2.1021	8.1612

#1	.00024	-.00126	-.00418	.00432	-.00189	.01554	.01869	.00009
#2	-.00192	-.00146	-.00316	-.00017	-.00288	.00503	.01815	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	27.895	-.00047	-.00013	.00164	.05229	.00226	8.1183
Stddev	.00011	.530	.00038	.00006	.00077	.00216	.00010	.1018
%RSD	144.11	1.9000	80.647	47.811	47.180	4.1355	4.3516	1.2541

#1	-.00016	28.270	-.00020	-.00009	.00218	.05076	.00219	8.1903
#2	.00000	27.520	-.00073	-.00018	.00109	.05382	.00233	8.0463

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00012	41.257	.00064	-.00142	2.3127	.00057	.01730
Stddev	.00015	.00052	.919	.00049	.00011	.0190	.00016	.00113
%RSD	187.31	441.40	2.2266	75.718	8.0732	.82207	28.591	6.5106

#1	.00019	.00025	41.906	.00099	-.00134	2.3261	.00046	.01810
#2	-.00003	-.00049	40.607	.00030	-.00150	2.2993	.00069	.01651

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7333	2.7728	-.00319	.00188	-.01505	.0366	.14882	4.0564
Stddev	.0821	.0537	.00076	.00173	.00026	.0010	.00186	.0710
%RSD	1.4328	1.9354	23.875	92.358	1.7443	2.618	1.2509	1.7509

#1	5.7913	2.8108	-.00373	.00065	-.01486	.0373	.15013	4.1066
#2	5.6752	2.7349	-.00265	.00310	-.01524	.0360	.14750	4.0062

Sample Name: J5985-12DUP Acquired: 11/19/2018 21:15:08 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6732
Stddev .3661
%RSD 21.883

#1 1.9321
#2 1.4143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.0	46441.	4663.8	111.24	3689.9
Stddev	32.7	41.	91.3	2.67	33.6
%RSD	.94418	.08737	1.9571	2.3977	.91091

#1	3442.8	46470.	4599.3	109.35	3666.1
#2	3489.1	46413.	4728.4	113.12	3713.6

Sample Name: J5985-12LX5 Acquired: 11/19/2018 21:19:11 Type: Unk
Method: P4-ICP2(v2595) 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	-.00090	-.00212	-.00316	.00166	-.00070	.00384	.00433	.00010
Stddev	.00019	.00086	.00028	.00054	.00024	.00194	.00052	.00003
%RSD	21.450	40.302	8.7466	32.468	34.969	50.399	11.971	33.182

#1	-.00103	-.00152	-.00296	.00128	-.00053	.00247	.00396	.00012
#2	-.00076	-.00273	-.00335	.00204	-.00087	.00521	.00469	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	3.2456	-.00058	-.00037	.00058	.00375	.00024	.90496
Stddev	.00007	.1293	.00044	.00051	.00051	.00029	.00004	.03227
%RSD	124.59	3.9834	75.774	136.97	88.905	7.6748	15.462	3.5658

#1	-.00001	3.1542	-.00027	-.00001	.00021	.00395	.00027	.88214
#2	-.00011	3.3370	-.00089	-.00073	.00094	.00355	.00022	.92777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00070	5.2171	-.00054	-.00161	.41040	.00016	-.00868
Stddev	.00003	.00033	.0842	.00009	.00005	.00915	.00052	.00112
%RSD	27.535	46.668	1.6143	17.327	2.8080	2.2307	317.99	12.949

#1	-.00013	-.00093	5.1576	-.00048	-.00158	.40393	-.00020	-.00947
#2	-.00009	-.00047	5.2767	-.00061	-.00164	.41688	.00053	-.00788

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94803	.38968	-.00131	.00181	-.00168	.0069	.01737	3.8029
Stddev	.08154	.00695	.00021	.00059	.00058	.0006	.00054	.1952
%RSD	8.6009	1.7846	16.210	32.645	34.649	9.431	3.1202	5.1322

#1	.89037	.38476	-.00146	.00223	-.00127	.0073	.01698	3.9409
#2	1.0057	.39460	-.00116	.00139	-.00209	.0064	.01775	3.6649

Sample Name: J5985-12LX5 Acquired: 11/19/2018 21:19:11 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.80017
Stddev	.43533
%RSD	54.405

#1	.49234
#2	1.1080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3386.6	46959.	4447.7	107.19	3668.3
Stddev	41.2	192.	97.8	3.27	53.0
%RSD	1.2165	.40974	2.1996	3.0541	1.4450

#1	3415.8	46823.	4378.5	104.87	3705.8
#2	3357.5	47095.	4516.9	109.50	3630.8

Sample Name: J5985-12MS Acquired: 11/19/2018 21:23:16 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88790	2.2145	1.0337	2.3310	.89105	2.3699	.24609	.24855	.20961
Stddev	.00555	.0002	.0012	.0032	.00185	.0458	.00028	.00577	.00010
%RSD	.62534	.00866	.11375	.13863	.20729	1.9332	.11176	2.3229	.04974
#1	.89183	2.2143	1.0329	2.3333	.89236	2.4023	.24590	.25263	.20969
#2	.88398	2.2146	1.0345	2.3287	.88975	2.3375	.24629	.24447	.20954
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.404	.49148	.21106	.35387	3.3705	.25025	10.420	.54194	.07546
Stddev	.019	.01211	.00037	.00161	.0679	.00557	.046	.00102	.00105
%RSD	.06626	2.4642	.17360	.45563	2.0142	2.2271	.43861	.18879	1.3915
#1	29.390	.50004	.21132	.35501	3.4185	.25419	10.388	.54267	.07472
#2	29.418	.48291	.21080	.35273	3.3225	.24631	10.453	.54122	.07621
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	44.999	.37932	.23283	13.988	.48263	.35678	5.6438	3.9578	.74847
Stddev	.032	.00916	.00388	.097	.00126	.00523	.0288	.0063	.00373
%RSD	.07175	2.4150	1.6646	.69625	.26173	1.4666	.51041	.15927	.49872
#1	44.977	.38580	.23557	13.919	.48352	.36048	5.6642	3.9533	.74583
#2	45.022	.37284	.23009	14.056	.48174	.35308	5.6234	3.9622	.75111
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22578	.20909	6.566	.38140	3.7501	1.2113			
Stddev	.00012	.00027	.018	.00141	.2301	.1619			
%RSD	.05533	.12955	.2691	.36842	6.1361	13.365			
#1	.22569	.20928	6.578	.38040	3.9128	1.3257			
#2	.22587	.20889	6.553	.38239	3.5874	1.0968			

Sample Name: J5985-12MS Acquired: 11/19/2018 21:23:16 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.5	46915.	4533.1	108.97	3644.6
Stddev	.4	896.	27.8	1.49	8.0
%RSD	.01157	1.9099	.61371	1.3630	.21874
#1	3476.2	46282.	4552.8	107.92	3650.2
#2	3476.8	47549.	4513.4	110.02	3638.9

Sample Name: J5985-12MSD Acquired: 11/19/2018 21:27:06 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88754	2.2118	1.0338	2.3296	.89447	2.4251	.24625	.25447	.20986
Stddev	.00691	.0124	.0025	.0150	.00431	.1256	.00023	.01330	.00169
%RSD	.77830	.56297	.24273	.64455	.48201	5.1785	.09291	5.2272	.80687
#1	.88265	2.2030	1.0321	2.3190	.89142	2.5139	.24609	.26387	.20866
#2	.89242	2.2206	1.0356	2.3402	.89752	2.3363	.24641	.24506	.21106
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.522	.50320	.21100	.35358	3.3389	.25648	10.419	.54124	.08197
Stddev	.031	.02595	.00179	.00261	.0036	.01312	.080	.00297	.00233
%RSD	.10520	5.1580	.84812	.73739	.10808	5.1139	.76376	.54840	2.8446
#1	29.500	.52155	.20973	.35173	3.3363	.26575	10.362	.53914	.08362
#2	29.544	.48484	.21226	.35542	3.3414	.24720	10.475	.54333	.08033
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	44.929	.38944	.22968	13.985	.48293	.36006	5.6502	3.9678	.74753
Stddev	.068	.01766	.00052	.067	.00377	.00573	.0225	.0183	.00606
%RSD	.15224	4.5343	.22807	.48258	.78111	1.5909	.39768	.46146	.81034
#1	44.977	.40192	.23005	14.032	.48026	.35601	5.6344	3.9808	.74324
#2	44.880	.37695	.22931	13.937	.48560	.36411	5.6661	3.9549	.75181
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22353	.20846	6.554	.38039	4.4393	1.1550			
Stddev	.00100	.00122	.030	.00006	1.0227	.2048			
%RSD	.44810	.58386	.4566	.01486	23.038	17.730			
#1	.22424	.20932	6.532	.38035	5.1625	1.2998			
#2	.22282	.20760	6.575	.38043	3.7162	1.0102			

Sample Name: J5985-12MSD Acquired: 11/19/2018 21:27:06 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.0	45459.	4523.9	109.79	3622.9
Stddev	34.3	2122.	9.6	.01	32.6
%RSD	.99219	4.6689	.21248	.00823	.90122
#1	3480.2	43958.	4530.7	109.79	3645.9
#2	3431.7	46959.	4517.1	109.78	3599.8

Sample Name: J5985-12A Acquired: 11/19/2018 21:30:56 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89817	2.2360	1.0435	2.3714	.90729	2.3284	.24337	.24307	.21149
Stddev	.03532	.0728	.0402	.0934	.02946	.0148	.00015	.00142	.00832
%RSD	3.9325	3.2558	3.8536	3.9364	3.2472	.63620	.06064	.58554	3.9327

#1	.92314	2.2875	1.0720	2.4374	.92812	2.3388	.24326	.24408	.21737
#2	.87319	2.1846	1.0151	2.3054	.88646	2.3179	.24347	.24206	.20561

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.223	.48193	.21268	.35870	3.3429	.24407	10.381	.54749	.07692
Stddev	.109	.00198	.00810	.01343	.0601	.00197	.017	.02078	.00265
%RSD	.37449	.41047	3.8078	3.7433	1.7988	.80537	.15950	3.7959	3.4462

#1	29.300	.48333	.21841	.36820	3.3004	.24546	10.392	.56218	.07879
#2	29.145	.48053	.20695	.34921	3.3854	.24268	10.369	.53279	.07505

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	44.621	.37123	.22942	13.822	.49174	.35065	5.7183	3.9193	.75260
Stddev	.171	.00232	.00460	.082	.01884	.00498	.2185	.0055	.02870
%RSD	.38217	.62381	2.0043	.59041	3.8319	1.4209	3.8206	.14114	3.8129

#1	44.501	.37287	.22617	13.765	.50506	.35418	5.8728	3.9232	.77289
#2	44.742	.36959	.23267	13.880	.47842	.34713	5.5638	3.9154	.73231

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22388	.20680	6.623	.37770	3.5483	1.3940
Stddev	.00391	.00215	.249	.00058	.1303	.4787
%RSD	1.7473	1.0417	3.754	.15386	3.6721	34.336

#1	.22665	.20833	6.798	.37811	3.6404	1.0555
#2	.22111	.20528	6.447	.37729	3.4561	1.7325

Sample Name: J5985-12A Acquired: 11/19/2018 21:30:56 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.7	47485.	4545.2	110.10	3606.1
Stddev	119.2	295.	22.3	2.32	129.1
%RSD	3.4828	.62024	.49019	2.1090	3.5814
#1	3339.4	47277.	4561.0	111.74	3514.8
#2	3508.1	47693.	4529.5	108.46	3697.4

Sample Name: CCV10 Acquired: 11/19/2018 21:34:46 Type: Unk
Method: P4-ICP2(v2595) 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	4.7742	4.8359	4.5611	4.8232	4.7172	10.202	9.5209	.25258
Stddev	.0419	.0524	.0412	.0276	.0531	.029	.0822	.00009
%RSD	.87821	1.0831	.90421	.57238	1.1259	.28021	.86376	.03543
#1	4.8038	4.8729	4.5903	4.8427	4.7548	10.181	9.5790	.25265
#2	4.7445	4.7989	4.5320	4.8037	4.6796	10.222	9.4627	.25252
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3095	25.548	1.0235	2.2855	1.2153	4.8911	2.5637	24.540
Stddev	.0236	.174	.0006	.0176	.0127	.0524	.0022	.053
%RSD	1.0207	.67961	.05737	.76859	1.0408	1.0718	.08582	.21762
#1	2.3261	25.671	1.0240	2.2979	1.2242	4.8541	2.5653	24.502
#2	2.2928	25.426	1.0231	2.2731	1.2063	4.9282	2.5622	24.577
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3585	1.2679	23.911	2.6150	2.3992	24.138	5.0196	4.9851
Stddev	.0215	.0037	.185	.0011	.0132	.169	.0430	.0226
%RSD	.91146	.28865	.77540	.04224	.55046	.69979	.85643	.45424
#1	2.3737	1.2705	24.042	2.6157	2.3899	24.258	5.0500	5.0011
#2	2.3433	1.2653	23.780	2.6142	2.4085	24.019	4.9892	4.9691
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7446	5.1659	4.6281	4.7734	4.8418	4.786	5.0020	4.8340
Stddev	.0355	.0440	.0476	.0181	.0431	.059	.0518	.0047
%RSD	.74821	.85216	1.0291	.37835	.89040	1.223	1.0357	.09739
#1	4.7697	5.1971	4.6617	4.7861	4.8723	4.828	5.0386	4.8307
#2	4.7195	5.1348	4.5944	4.7606	4.8113	4.745	4.9654	4.8373

Sample Name: CCV10 Acquired: 11/19/2018 21:34:46 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6403
Stddev .1830
%RSD 6.9307

#1 2.7697
#2 2.5109

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3303.2	44808.	4380.3	100.70	3312.1
Stddev	27.0	13.	26.7	.61	29.2
%RSD	.81864	.02795	.60944	.60627	.88067

#1	3284.1	44817.	4361.4	101.14	3291.4
#2	3322.3	44799.	4399.1	100.27	3332.7

Sample Name: CCB10 Acquired: 11/19/2018 21:38:32 Type: Unk
Method: P4-ICP2(v2595) 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	-.00154	-.00039	-.00281	.00226	.00112	.00597	.00156	.00006
Stddev	.00130	.00058	.00035	.00222	.00148	.00321	.00042	.00004
%RSD	84.539	149.20	12.400	98.432	132.12	53.735	26.663	65.600
#1	-.00062	-.00080	-.00306	.00383	.00217	.00370	.00126	.00009
#2	-.00247	.00002	-.00256	.00069	.00007	.00824	.00185	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01597	-.00019	-.00008	-.00033	.00320	-.00003	-.03344
Stddev	.00003	.01188	.00005	.00002	.00010	.01661	.00001	.00142
%RSD	296.33	74.349	26.133	21.556	30.857	518.26	23.190	4.2501
#1	.00001	.02437	-.00015	-.00009	-.00026	-.00854	-.00004	-.03444
#2	-.00003	.00758	-.00022	-.00007	-.00041	.01495	-.00003	-.03243
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00017	.17821	-.00037	-.00160	-.06811	.00101	-.01051
Stddev	.00006	.00069	.00330	.00050	.00004	.00360	.00041	.01048
%RSD	14.417	412.48	1.8523	134.92	2.7287	5.2842	40.050	99.720
#1	-.00035	.00032	.18055	-.00002	-.00157	-.07065	.00130	-.01792
#2	-.00043	-.00065	.17588	-.00073	-.00163	-.06556	.00073	-.00310
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00442	.00602	-.00070	.00245	-.00422	.0023	-.00004	F 3.4607
Stddev	.00343	.00013	.00071	.00001	.00047	.0009	.00002	.2467
%RSD	77.657	2.1880	101.03	.42771	11.227	38.55	39.403	7.1286
#1	.00685	.00612	-.00020	.00246	-.00389	.0017	-.00003	3.6352
#2	.00199	.00593	-.00120	.00244	-.00456	.0030	-.00005	3.2863

Sample Name: CCB10 Acquired: 11/19/2018 21:38:32 Type: Unk
Method: P4-ICP2(v2595) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .56669
Stddev .24981
%RSD 44.082

#1 .74333
#2 .39005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.2	47170.	4414.2	104.62	3734.9
Stddev	3.9	110.	24.2	1.81	20.9
%RSD	.11373	.23350	.54842	1.7296	.55860

#1	3431.4	47092.	4431.4	105.90	3720.1
#2	3436.9	47248.	4397.1	103.34	3749.6