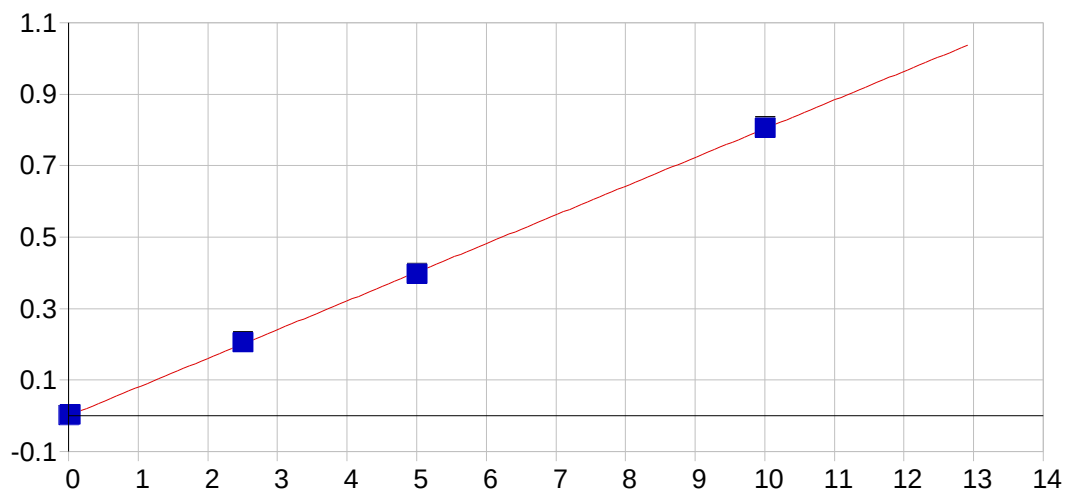


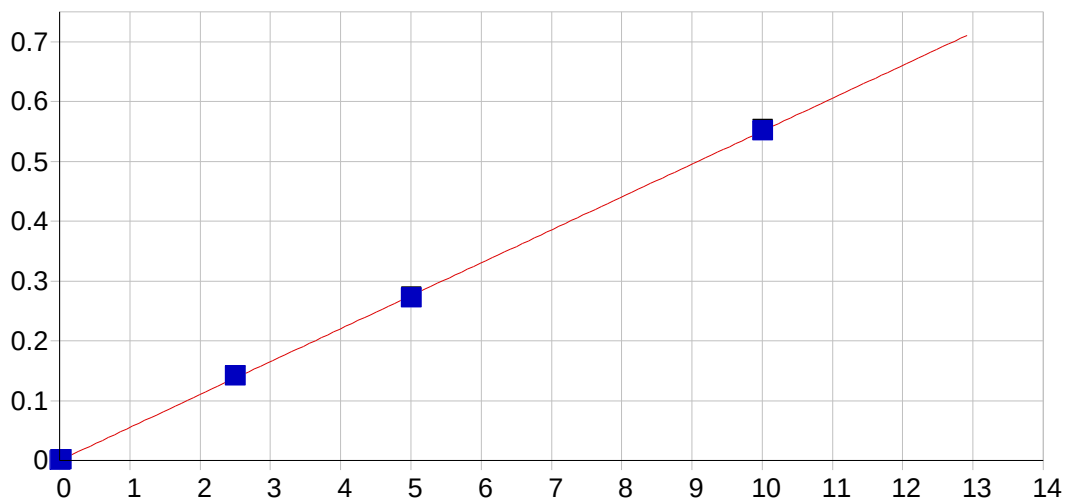


As 189.042 {478}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.080338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003499
 Predicted MQL: 0.011665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.02000	.02050	.001	2.50	.00161	.000	1
S3	2.5000	2.5430	.043	1.72	.20425	.001	1
S4	5.0000	4.9339	-.066	-1.32	.39632	.001	1
S5	10.000	10.023	.023	.226	.80511	.003	1



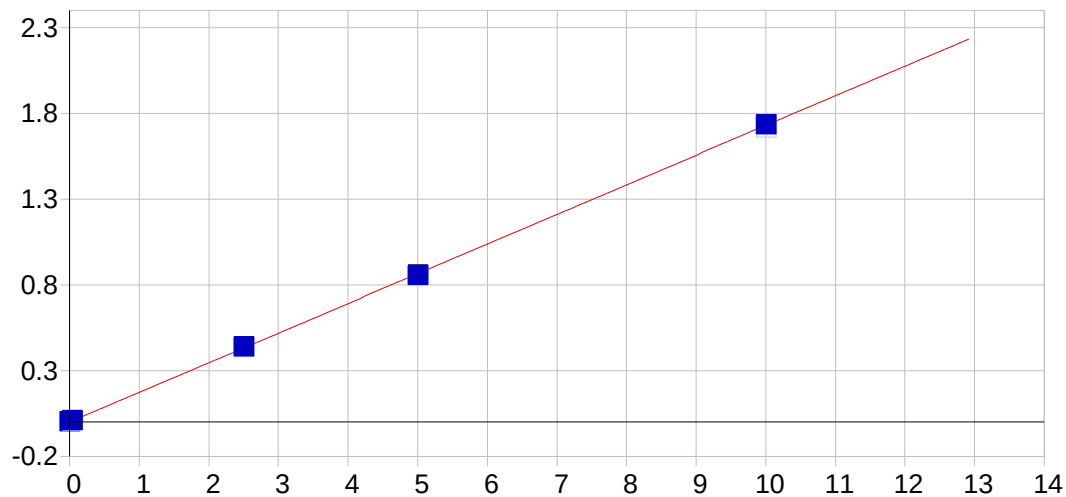
As 189.042 {479}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000161 Re-Slope: 1.000000

A1 (Gain): 0.055031 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003283
 Predicted MQL: 0.010944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.02000	.01876	-.001	-6.22	.00119	.000	1
S3	2.5000	2.5543	.054	2.17	.14073	.000	1
S4	5.0000	4.9368	-.063	-1.26	.27184	.001	1
S5	10.000	10.010	.010	.102	.55103	.002	1

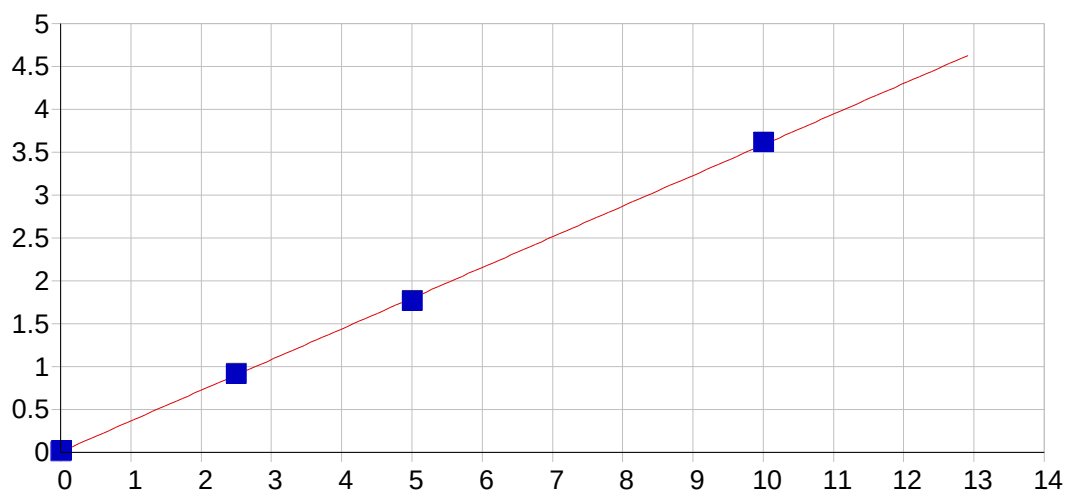


TI 190.856 {477}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.172929 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.001329
 Predicted MQL: 0.004431

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.04000	.04008	.000	.202	.00686	.000	1
S3	2.5000	2.5283	.028	1.13	.43289	.002	1
S4	5.0000	4.9541	-.046	-.918	.84795	.000	1
S5	10.000	10.018	.018	.175	1.7147	.001	1

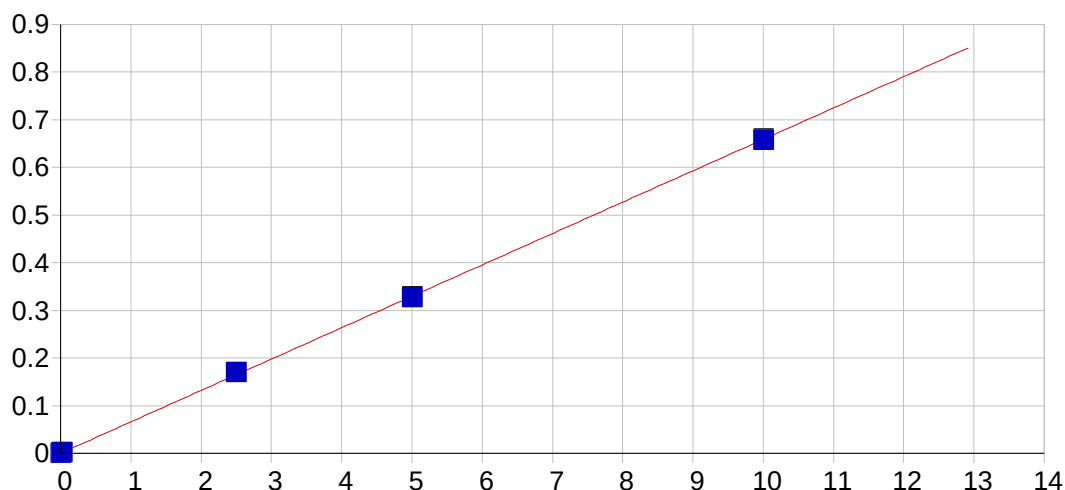


Pb 220.353 {453}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008853 Re-Slope: 1.000000
 A1 (Gain): 0.357774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.001063
 Predicted MQL: 0.003542

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00885	.000	1
S1	.01200	.01274	.001	6.13	.01333	.000	1
S3	2.5000	2.5235	.023	.939	.91047	.004	1
S4	5.0000	4.9078	-.092	-1.84	1.7623	.002	1
S5	10.000	10.068	.068	.680	3.6061	.001	1



Se 196.090 {472}

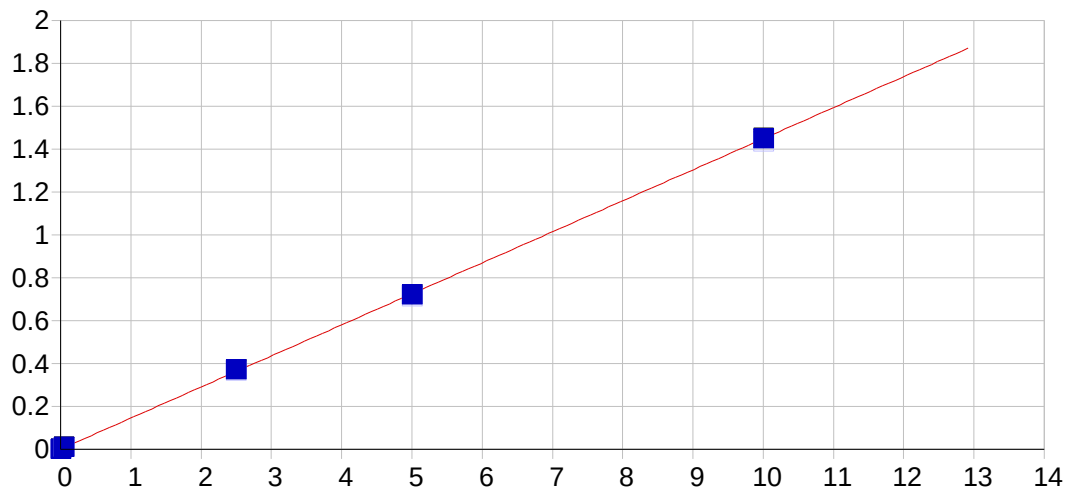
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000226 Re-Slope: 1.000000
 A1 (Gain): 0.065873 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000018
 Predicted MDL: 0.003806
 Predicted MQL: 0.012688

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.02000	.02132	.001	6.62	.00163	.000	1
S3	2.5000	2.5665	.067	2.66	.16925	.000	1
S4	5.0000	4.9578	-.042	-.844	.32674	.001	1
S5	10.000	9.9743	-.026	-.257	.65712	.002	1



Sb 206.833 {463}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

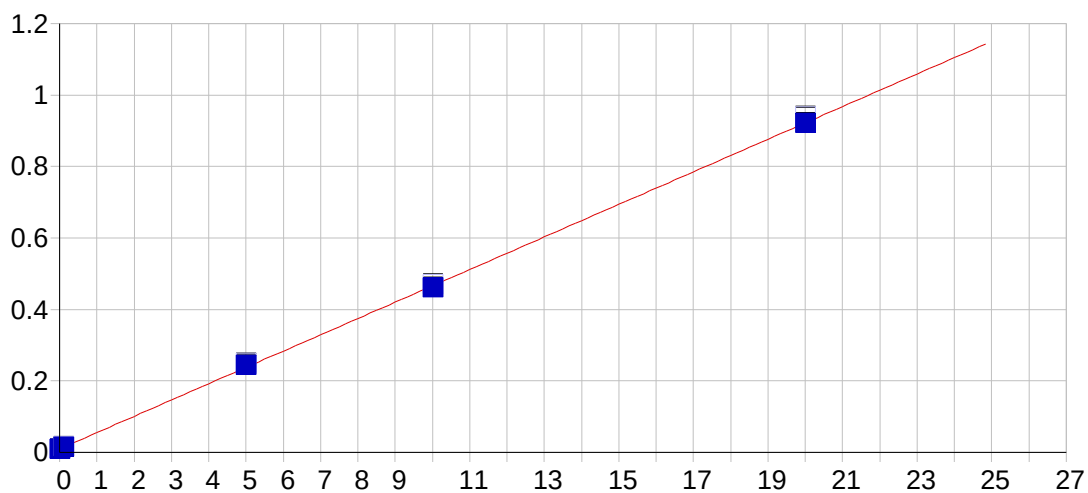
Weighting: 1/Conc

A0 (Offset): 0.001287
 A1 (Gain): 0.144744
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000046
 Predicted MDL: 0.002200
 Predicted MQL: 0.007333

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	.00129	.000	1
S1	.05000	.05209	.002	4.18	.00865	.000	1
S3	2.5000	2.5435	.044	1.74	.36538	.001	1
S4	5.0000	4.9559	-.044	-.881	.71049	.000	1
S5	10.000	9.9985	-.002	-.015	1.4322	.002	1

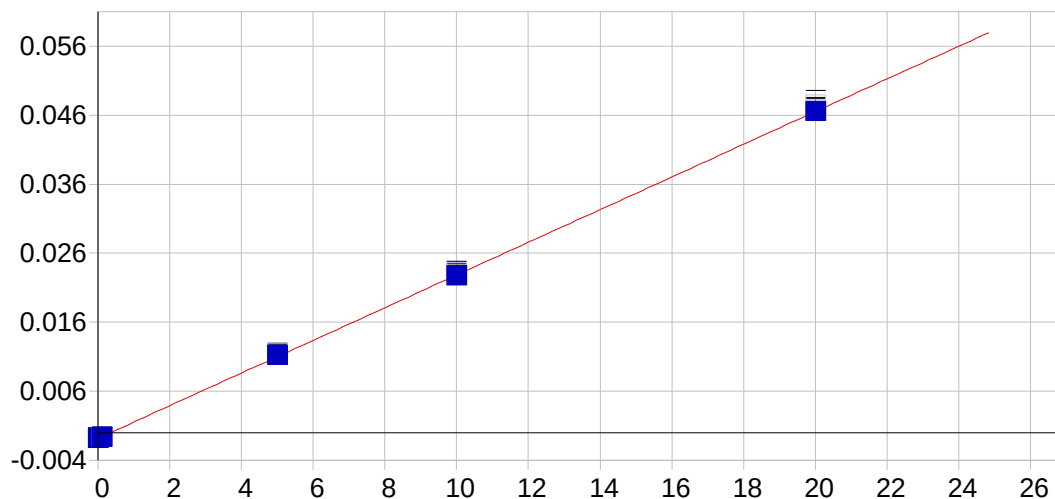


AI 308.215 {109}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009685 Re-Slope: 1.000000
 A1 (Gain): 0.045623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.003733
 Predicted MQL: 0.012445

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00968	.000	1
S1	.10000	.11455	.015	14.5	.01523	.000	1
S3	5.0000	5.1380	.138	2.76	.24864	.000	1
S4	10.000	9.8851	-.115	-1.15	.46976	.001	1
S5	20.000	19.962	-.038	-.192	.93857	.001	1



AI 309.271 {109}

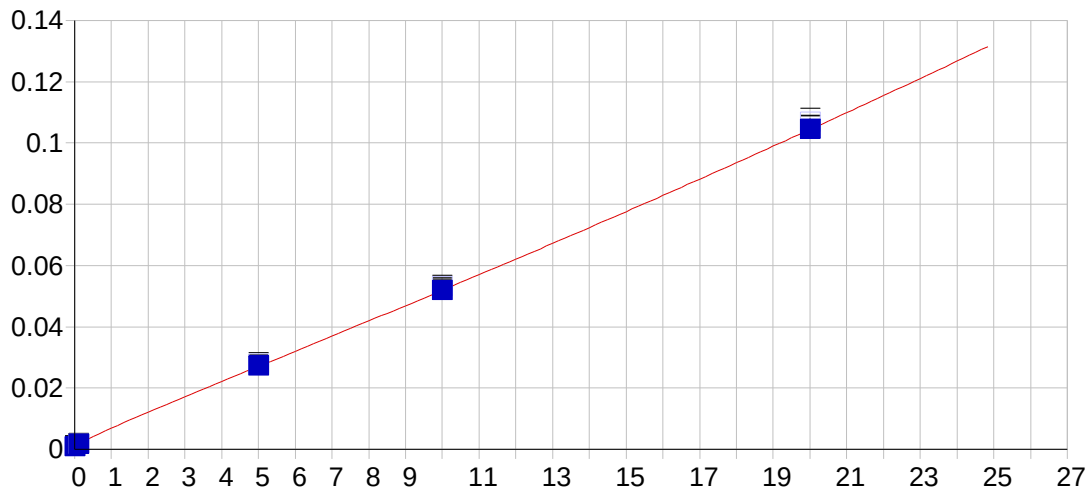
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000827 Re-Slope: 1.000000
 A1 (Gain): 0.002367 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753
 Std Error of Est: 0.000004
 Predicted MDL: 0.045586
 Predicted MQL: 0.151952

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00083	.000	1
S1	.10000	.05939	-.041	-40.6	-.00067	.000	1
S3	5.0000	5.0783	.078	1.57	.01143	.000	1
S4	10.000	9.9448	-.055	-.552	.02319	.000	1
S5	20.000	20.019	.019	.097	.04751	.001	1



AI 396.152 { 85}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Full Fit

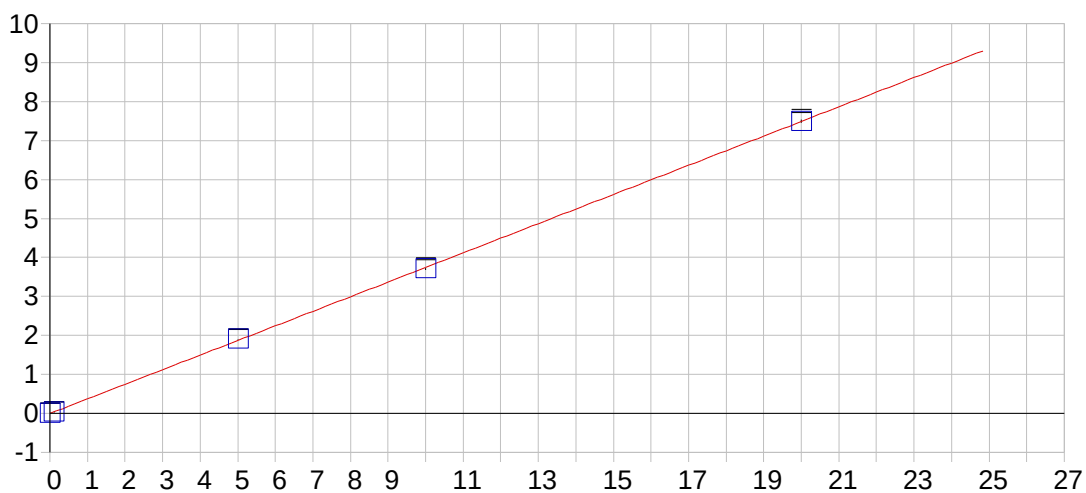
Weighting: 1/Conc

A0 (Offset): 0.000903
 A1 (Gain): 0.005905
 A2 (Curvature): 0.000108
 n (Exponent): 0.880000
 Correlation: 0.999997
 Std Error of Est: 0.000002
 Predicted MDL: 0.025623
 Predicted MQL: 0.085410

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.10000	.09772	-.002	-2.28	.00171	.000	1
S3	5.0000	5.0210	.021	.419	.02777	.000	1
S4	10.000	9.9777	-.022	-.223	.05298	.000	1
S5	20.000	20.006	.006	.028	.10680	.001	1

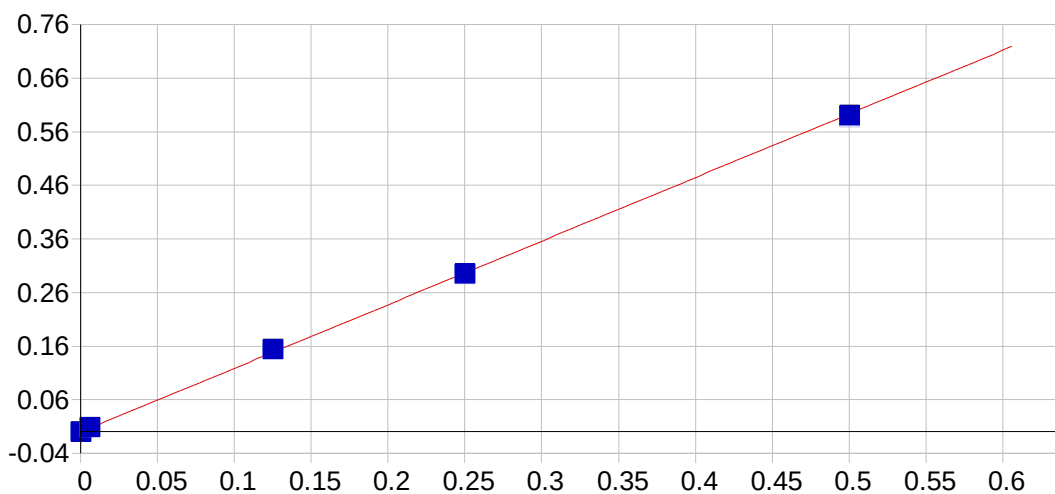


Ba 493.409 { 68}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002904 Re-Slope: 1.000000
 A1 (Gain): 0.374624 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000261
 Predicted MDL: 0.000847
 Predicted MQL: 0.002823

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00291	.000	1
S1	.10000	.10696	.007	6.96	.03717	.001	1
S3	5.0000	5.0823	.082	1.65	1.9010	.008	1
S5	20.000	20.014	.014	.071	7.4949	.037	1
S4	10.000	9.8966	-.103	-1.03	3.7046	.029	1



Be 234.861 {144}

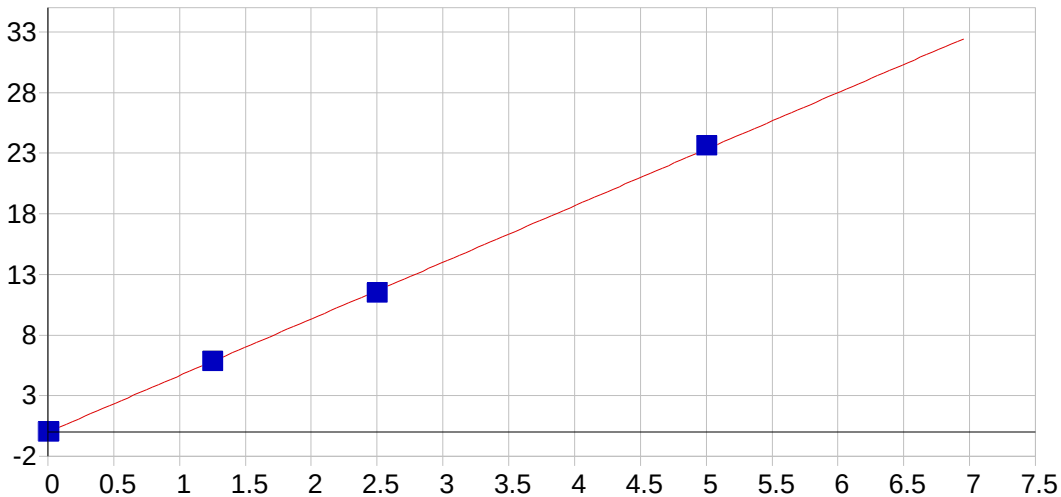
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 1.186731 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000059
 Predicted MDL: 0.000094
 Predicted MQL: 0.000312

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.00600	.00662	.001	10.3	.00761	.000	1
S3	.12500	.12935	.004	3.48	.15240	.001	1
S4	.25000	.24825	-.002	-.700	.29257	.000	1
S5	.50000	.49678	-.003	-.643	.58565	.001	1



Cd 226.502 {449}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

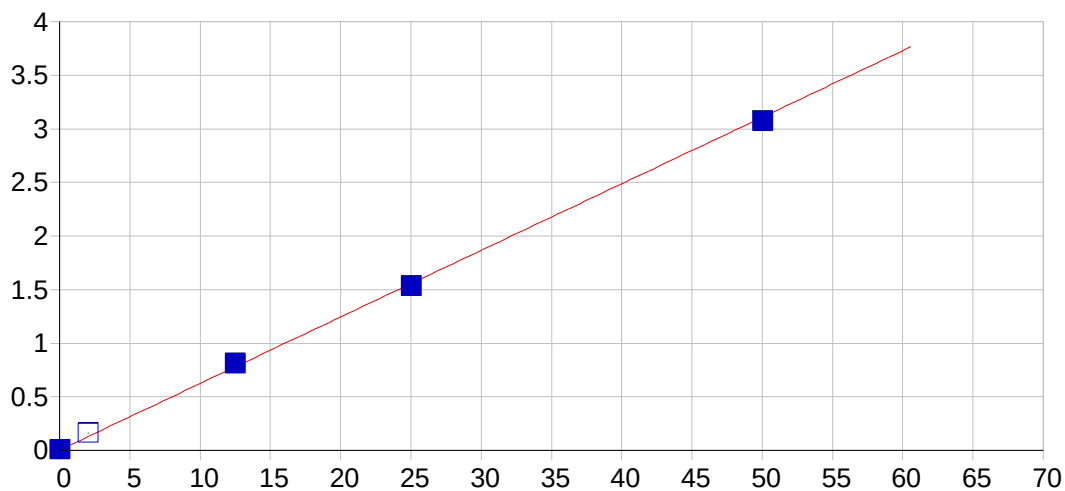
Weighting: 1/Conc

A0 (Offset): -0.005378
 A1 (Gain): 4.665986
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000575
 Predicted MDL: 0.000094
 Predicted MQL: 0.000312

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	-.00538	.000	1
S1	.00600	.00583	-.000	-2.88	.02187	.000	1
S3	1.2500	1.2410	-.009	-.716	5.7867	.011	1
S4	2.5000	2.4540	-.046	-1.84	11.448	.003	1
S5	5.0000	5.0551	.055	1.10	23.587	.024	1

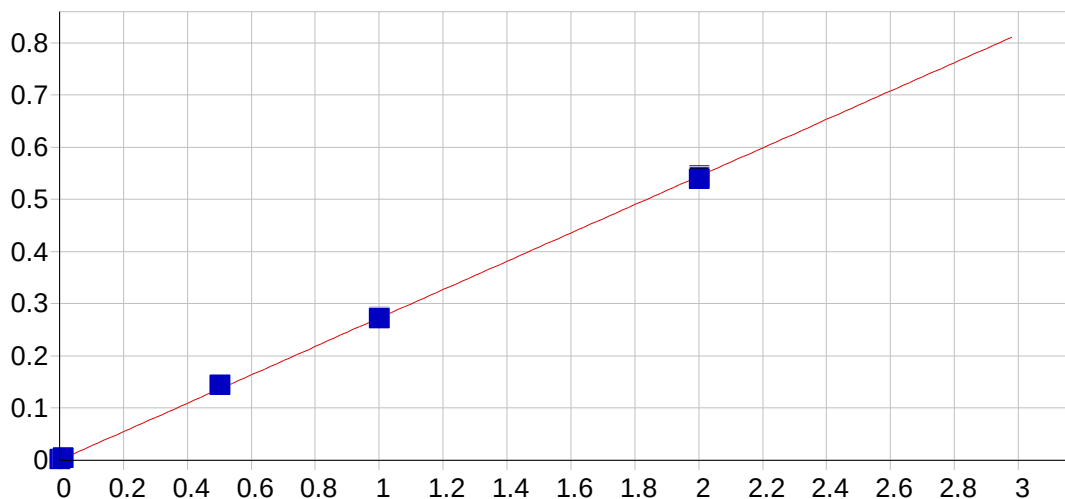


Ca 373.690 { 90}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003297 Re-Slope: 1.000000
 A1 (Gain): 0.062093 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998949 Status: OK.
 Std Error of Est: 0.001555
 Predicted MDL: 0.027067
 Predicted MQL: 0.090222

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.5592	.559	28.0	.16220	.000	1
S0	.00000	-.00058	-.001	.000	.00326	.001	1
S3	12.500	12.969	.469	3.75	.80897	.002	1
S4	25.000	24.584	-.416	-1.66	1.5306	.003	1
S5	50.000	49.388	-.612	-1.22	3.0716	.006	1



Cr 267.716 {126}

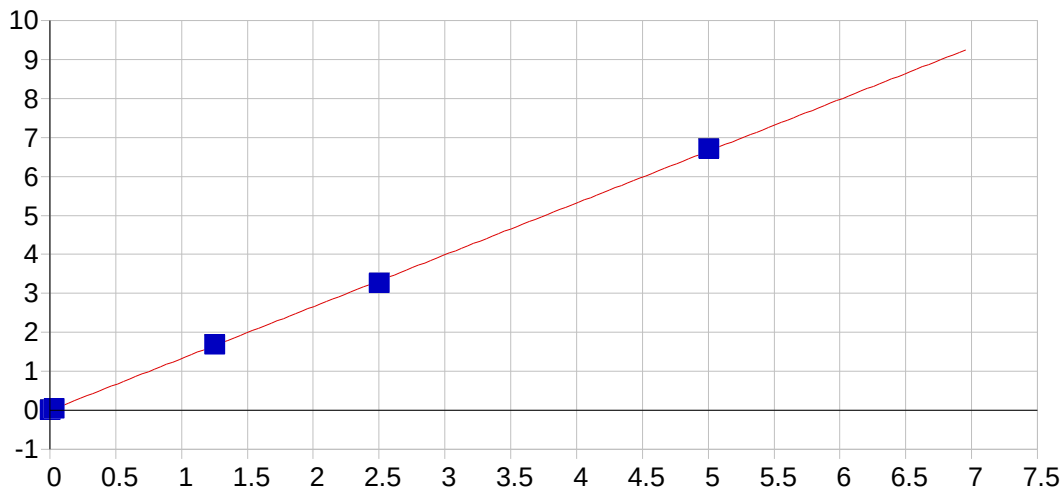
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000671 Re-Slope: 1.000000
 A1 (Gain): 0.271974 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752
 Std Error of Est: 0.000047
 Predicted MDL: 0.000553
 Predicted MQL: 0.001842

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00067	.000	1
S1	.01000	.01175	.002	17.5	.00388	.000	1
S3	.50000	.52465	.025	4.93	.14443	.001	1
S4	1.0000	.99453	-.005	-.547	.27330	.001	1
S5	2.0000	1.9791	-.021	-1.05	.54321	.001	1



Co 228.616 {447}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

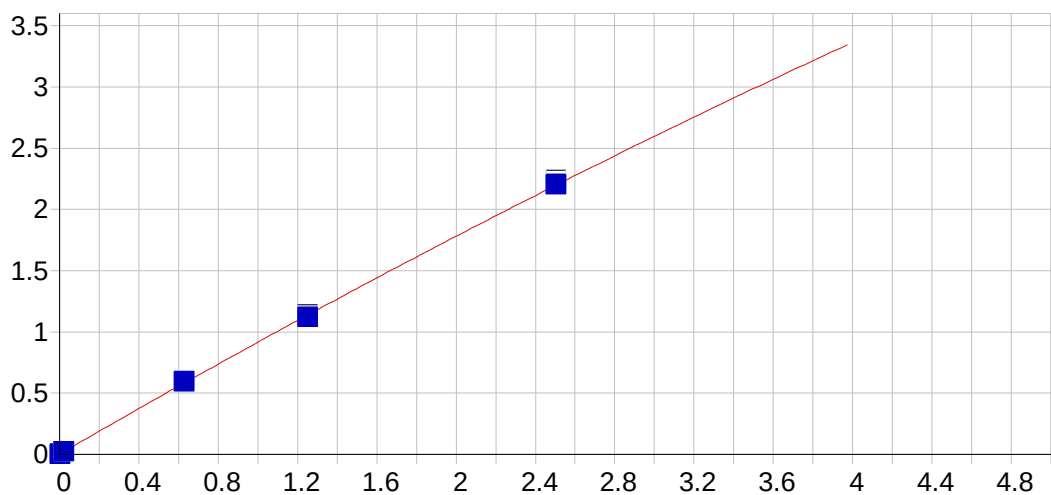
Weighting: 1/Conc

A0 (Offset): -0.000828
 A1 (Gain): 1.329599
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000338
 Predicted MDL: 0.000271
 Predicted MQL: 0.000904

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00083	.000	1
S1	.03000	.02980	-.000	-.663	.03853	.000	1
S3	1.2500	1.2583	.008	.660	1.6734	.002	1
S4	2.5000	2.4520	-.048	-1.92	3.2619	.003	1
S5	5.0000	5.0400	.040	.799	6.7055	.001	1

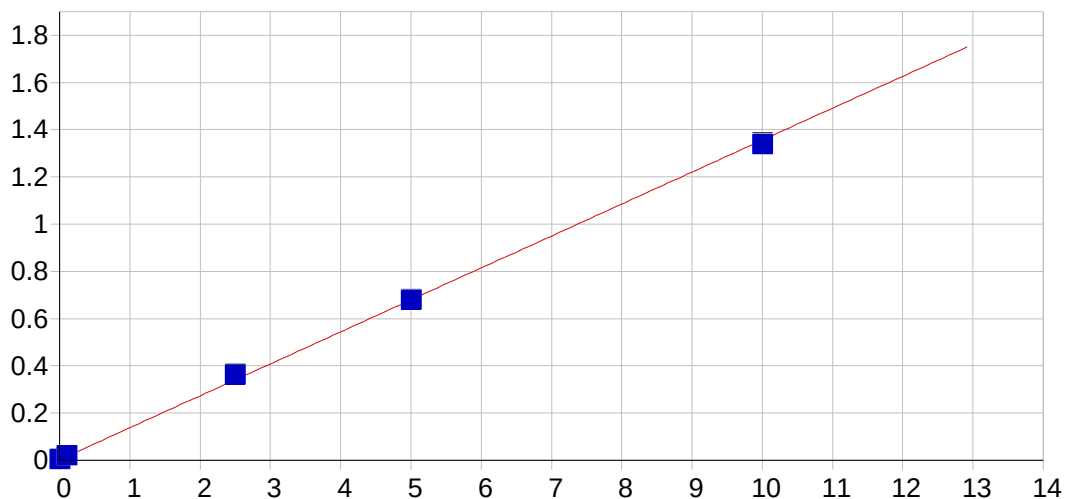


Cu 224.700 {450}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002326 Re-Slope: 1.000000
 A1 (Gain): 0.938115 Y-int: 0.000000
 A2 (Curvature): -0.024446
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000185
 Predicted MDL: 0.000498
 Predicted MQL: 0.001659

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00232	.000	1
S1	.02000	.02120	.001	6.02	.02250	.000	1
S3	.62500	.63879	.014	2.21	.60109	.000	1
S4	1.2500	1.2261	-.024	-1.91	1.1347	.002	1
S5	2.5000	2.5090	.009	.361	2.2401	.002	1



Fe 240.488 {140}

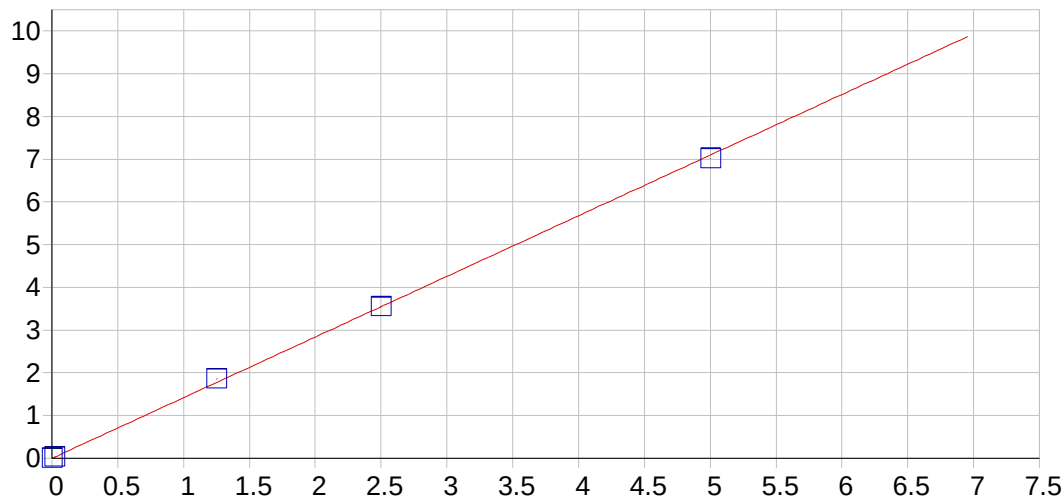
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002618 Re-Slope: 1.000000
 A1 (Gain): 0.135324 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999654
 Std Error of Est: 0.000193
 Predicted MDL: 0.000883
 Predicted MQL: 0.002944

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00262	.000	1
S1	.10000	.11472	.015	14.7	.01821	.000	1
S3	2.5000	2.6415	.142	5.66	.36134	.002	1
S4	5.0000	4.9866	-.013	-.267	.67995	.001	1
S5	10.000	9.8571	-.143	-1.43	1.3416	.002	1



Mn 257.610 {131}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

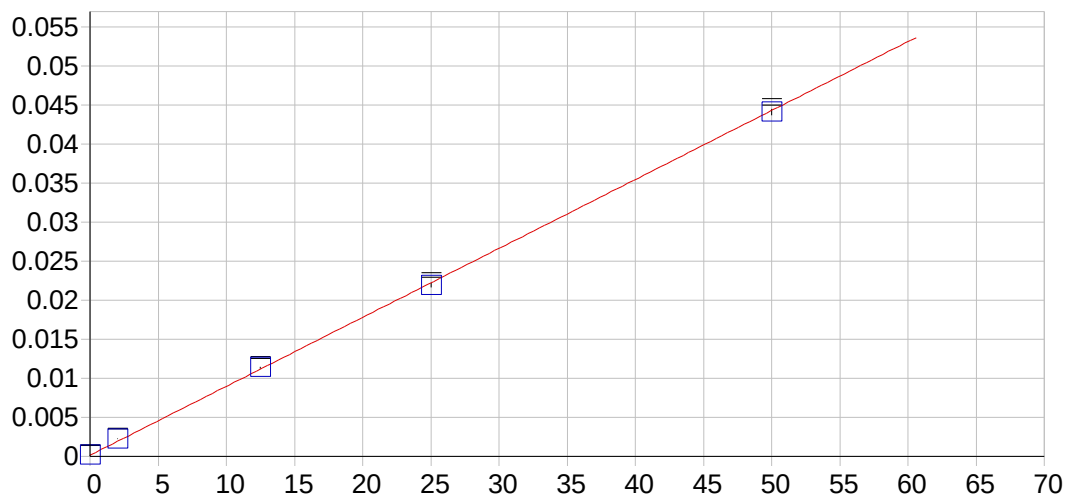
Weighting: 1/Conc

A0 (Offset): 0.000103
 A1 (Gain): 1.419190
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794
 Std Error of Est: 0.000492
 Predicted MDL: 0.000093
 Predicted MQL: 0.000309

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	.00010	.000	1
S1	.02000	.02262	.003	13.1	.03220	.000	1
S3	1.2500	1.3070	.057	4.56	1.8550	.003	1
S4	2.5000	2.4979	-.002	-.085	3.5451	.004	1
S5	5.0000	4.9425	-.057	-1.15	7.0145	.003	1

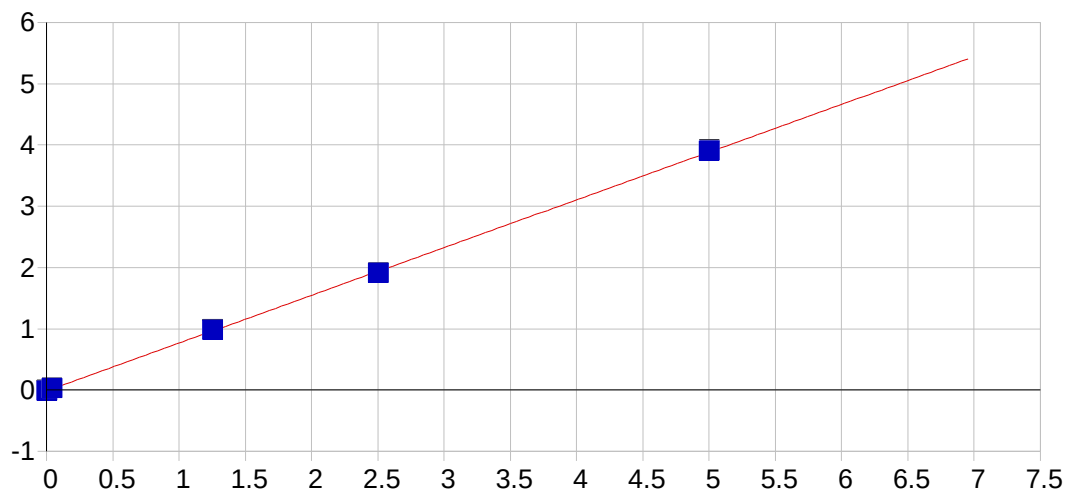


Mg 279.079 {121}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.000883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999546 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.064826
 Predicted MQL: 0.216088

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3800	.380	19.0	.00225	.000	1
S0	.00000	-.00037	-.000	.000	.00015	.000	1
S3	12.500	12.699	.199	1.59	.01137	.000	1
S4	25.000	24.651	-.349	-1.40	.02192	.000	1
S5	50.000	49.770	-.230	-.459	.04411	.000	1



Ni 231.604 {445}

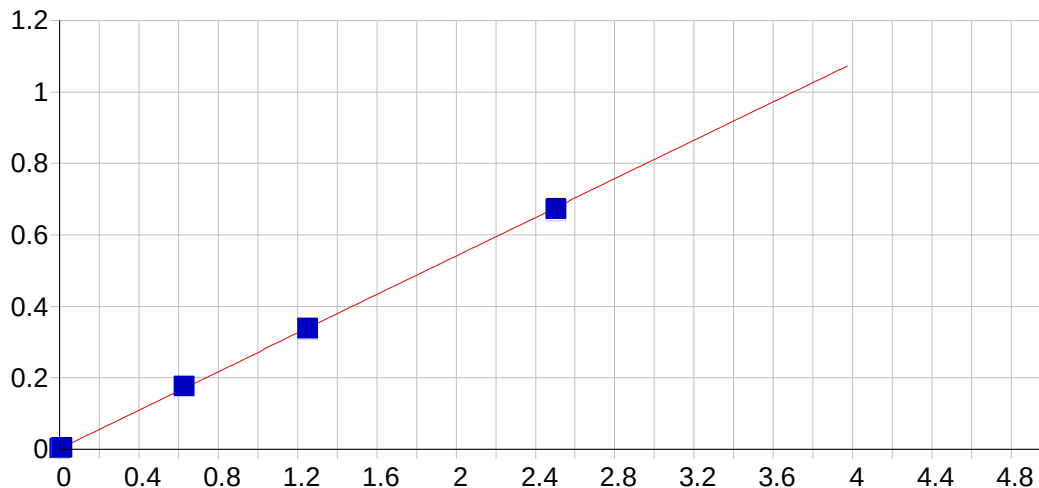
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012764 Re-Slope: 1.000000
 A1 (Gain): 0.779365 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000227
 Predicted MDL: 0.000497
 Predicted MQL: 0.001656

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01277	.000	1
S1	.04000	.04100	.001	2.51	.01921	.000	1
S3	1.2500	1.2701	.020	1.61	.97820	.003	1
S4	2.5000	2.4551	-.045	-1.80	1.9028	.002	1
S5	5.0000	5.0238	.024	.475	3.9068	.010	1



Ag 328.068 {103}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

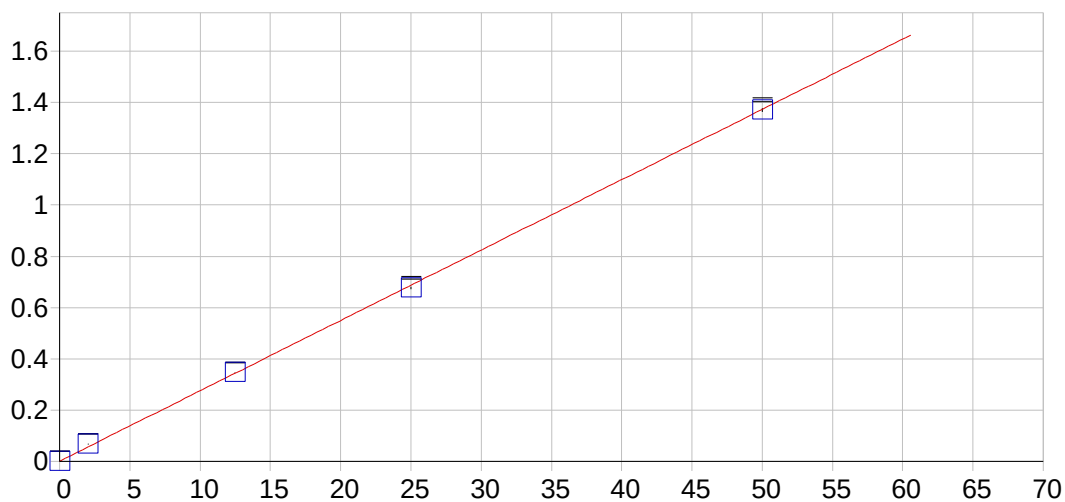
Weighting: 1/Conc

A0 (Offset): 0.001492
 A1 (Gain): 0.269820
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000033
 Predicted MDL: 0.000851
 Predicted MQL: 0.002835

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	.00149	.000	1
S1	.01000	.01063	.001	6.29	.00431	.000	1
S3	.62500	.64597	.021	3.36	.17387	.000	1
S4	1.2500	1.2452	-.005	-.385	.33363	.000	1
S5	2.5000	2.4832	-.017	-.671	.66384	.002	1

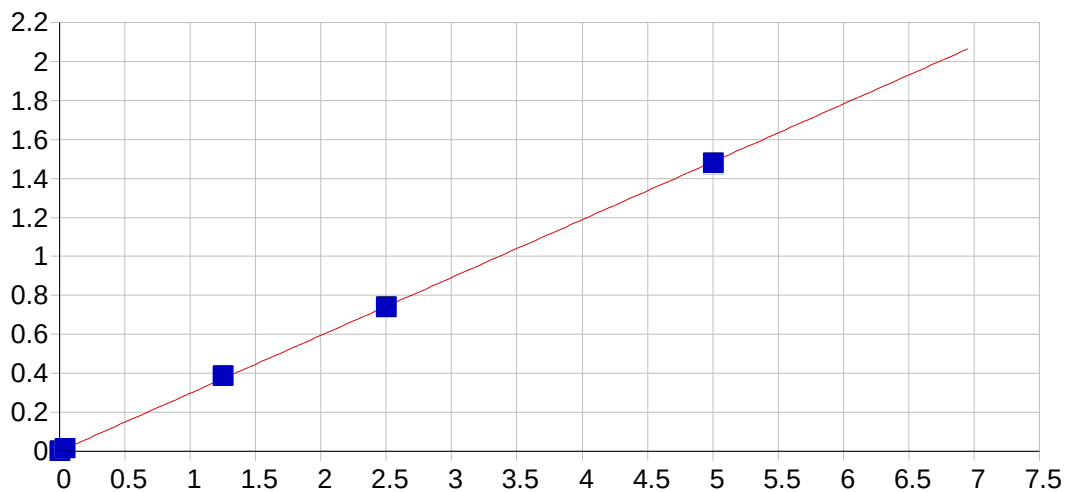


Na 589.592 { 57}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001136 Re-Slope: 1.000000
 A1 (Gain): 0.027440 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999520 Status: OK.
 Std Error of Est: 0.000464
 Predicted MDL: 0.014978
 Predicted MQL: 0.049927

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3972	.397	19.9	.06691	.001	1
S0	.00000	-.00038	-.000	.000	.00113	.000	1
S3	12.500	12.598	.098	.785	.34683	.001	1
S4	25.000	24.611	-.389	-1.56	.67646	.005	1
S5	50.000	49.894	-.106	-.213	1.3702	.007	1



V 292.402 {115}

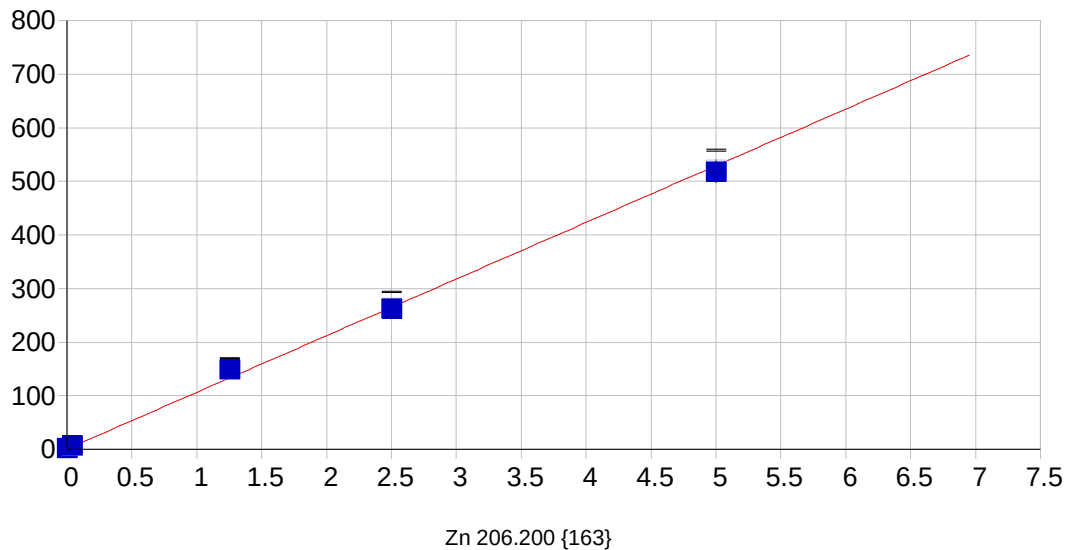
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001130 Re-Slope: 1.000000
 A1 (Gain): 0.296840 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000110
 Predicted MDL: 0.000590
 Predicted MQL: 0.001967

Status: OK.

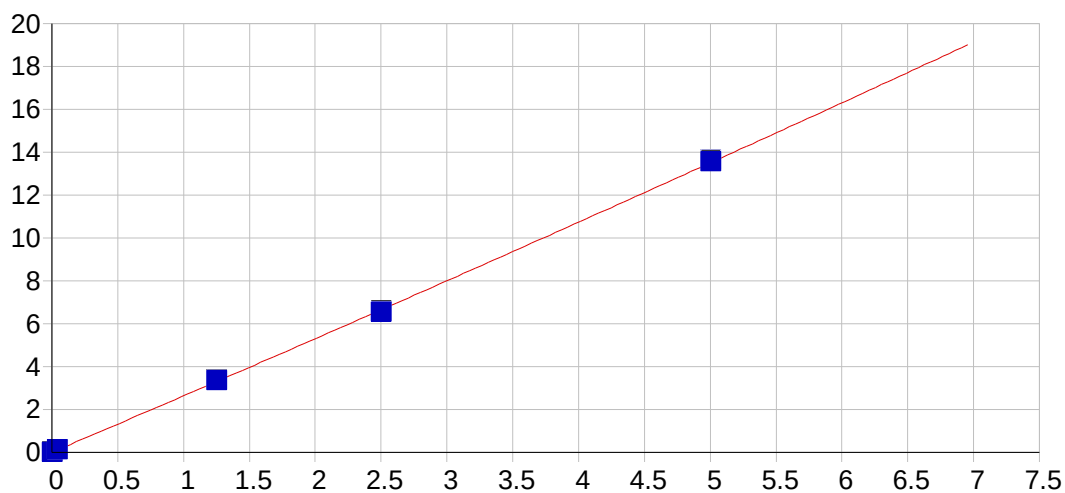
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00113	.000	1
S1	.04000	.04217	.002	5.43	.01346	.000	1
S3	1.2500	1.2953	.045	3.62	.38320	.000	1
S4	2.5000	2.4833	-.017	-.668	.73342	.001	1
S5	5.0000	4.9692	-.031	-.615	1.4665	.002	1



Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.603205 Re-Slope: 1.000000
 A1 (Gain): 105.685996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998877 Status: OK.
 Std Error of Est: 0.122000
 Predicted MDL: 0.000344
 Predicted MQL: 0.001148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.60213	.060	1
S1	.04000	.04716	.007	17.9	5.6153	.305	1
S3	1.2500	1.3900	.140	11.2	148.31	2.92	1
S4	2.5000	2.4670	-.033	-1.32	262.92	12.4	1
S5	5.0000	4.8859	-.114	-2.28	520.17	20.3	1

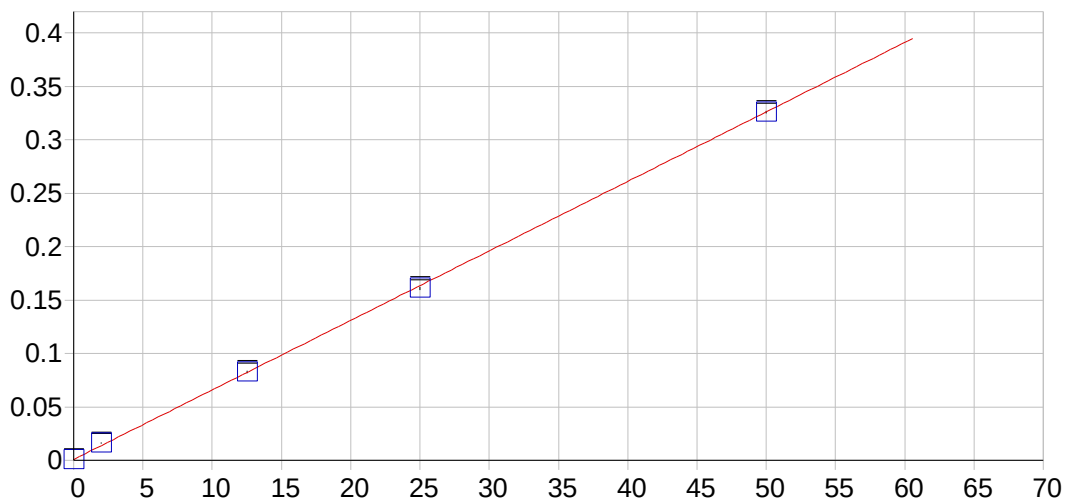


Zn 213.856 {458}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.004060 Re-Slope: 1.000000
 A1 (Gain): 2.615995 Y-int: 0.000000
 A2 (Curvature): 0.016775
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: Warning Positive Curvature
 Std Error of Est: 0.001133
 Predicted MDL: 0.000116
 Predicted MQL: 0.000387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00405	.000	1
S1	.04000	.04535	.005	13.4	.12345	.000	1
S3	1.2500	1.2712	.021	1.70	3.3776	.007	1
S4	2.5000	2.4583	-.042	-1.67	6.5782	.009	1
S5	5.0000	5.0151	.015	.302	13.629	.005	1



K 766.490 {44}

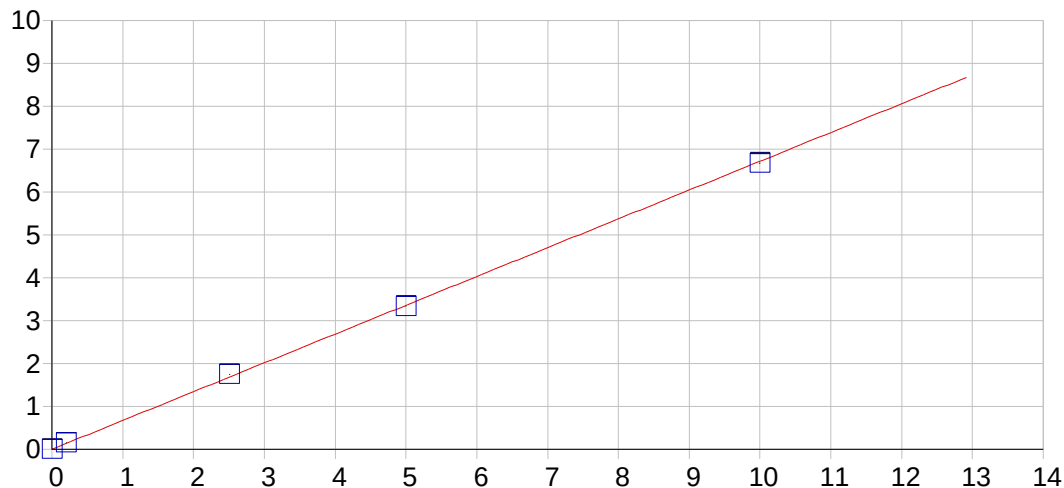
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000845 Re-Slope: 1.000000
 A1 (Gain): 0.006506 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999632
 Std Error of Est: 0.000096
 Predicted MDL: 0.060662
 Predicted MQL: 0.202207

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3446	.345	17.2	.01610	.000	1
S0	.00000	-.00032	-.000	.000	.00084	.000	1
S3	12.500	12.579	.079	.633	.08269	.001	1
S4	25.000	24.615	-.385	-1.54	.16100	.002	1
S5	50.000	49.961	-.039	-.078	.32591	.001	1



Mo 202.030 {467}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

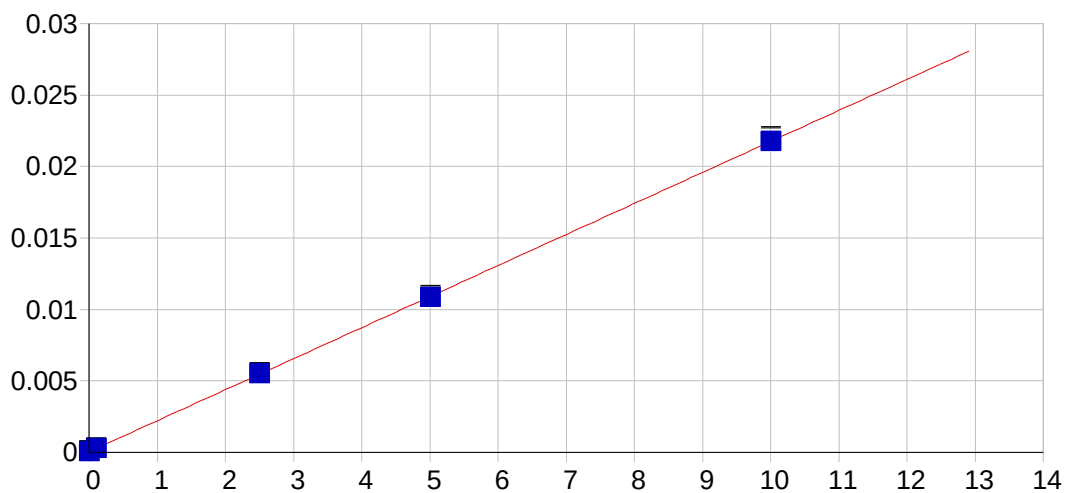
Weighting: 1/Conc

A0 (Offset): 0.000513
 A1 (Gain): 0.671655
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.000920
 Predicted MDL: 0.000381
 Predicted MQL: 0.001269

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	.00050	.000	1
S1	.20000	.21494	.015	7.47	.14488	.001	1
S3	2.5000	2.5961	.096	3.84	1.7442	.003	1
S4	5.0000	4.9617	-.038	-.766	3.3331	.003	1
S5	10.000	9.9273	-.073	-.727	6.6682	.011	1

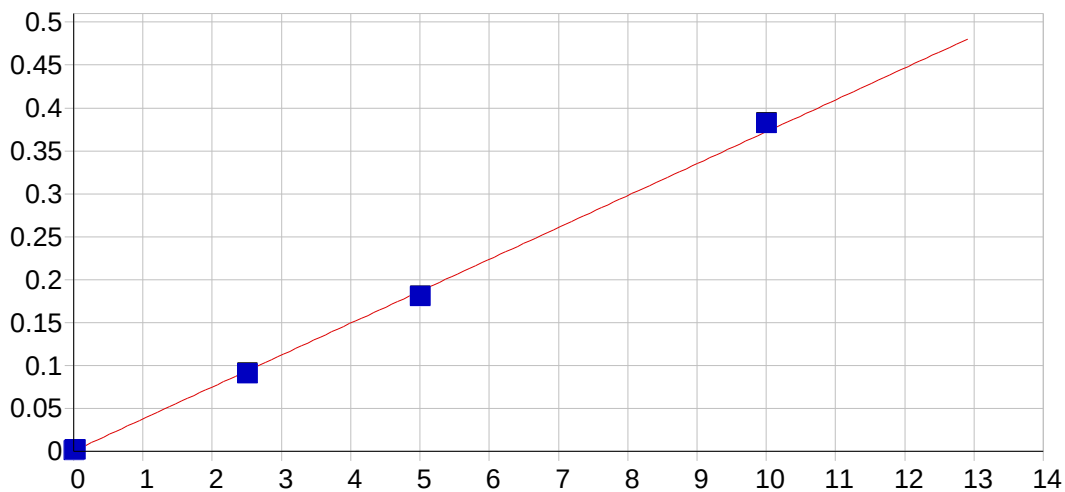


B 249.678 {135}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.002171 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000000
 Predicted MDL: 0.020734
 Predicted MQL: 0.069112

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.10000	.10036	.000	.356	.00026	.000	1
S3	2.5000	2.5091	.009	.365	.00548	.000	1
S4	5.0000	4.9771	-.023	-.458	.01082	.000	1
S5	10.000	10.013	.013	.134	.02173	.000	1



S 182.034 {485}

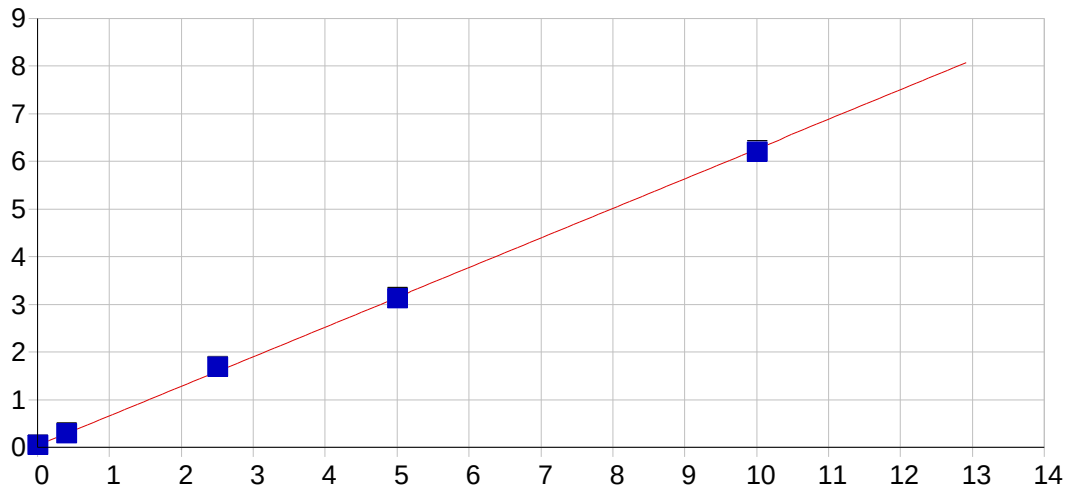
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000623 Re-Slope: 1.000000
 A1 (Gain): 0.037160 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999549
 Std Error of Est: 0.000027
 Predicted MDL: 0.004313
 Predicted MQL: 0.014375

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.02000	.01716	-.003	-14.2	.00124	.000	1
S3	2.5000	2.4133	-.087	-3.47	.09020	.001	1
S4	5.0000	4.8311	-.169	-3.38	.17994	.000	1
S5	10.000	10.258	.258	2.58	.38141	.001	1



Si 288.158 {117}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

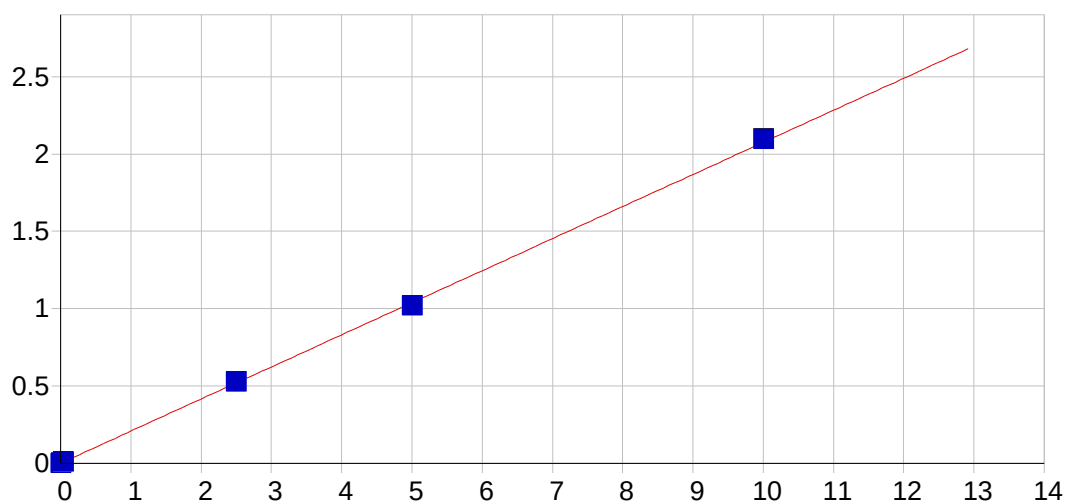
Weighting: 1/Conc

A0 (Offset): 0.033794
 A1 (Gain): 0.622546
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999690
 Std Error of Est: 0.001691
 Predicted MDL: 0.003500
 Predicted MQL: 0.011665

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	.03378	.001	1
S1	.40000	.40922	.009	2.31	.28835	.003	1
S3	2.5000	2.6512	.151	6.05	1.6834	.012	1
S4	5.0000	4.9519	-.048	-.963	3.1149	.021	1
S5	10.000	9.8878	-.112	-1.12	6.1861	.030	1

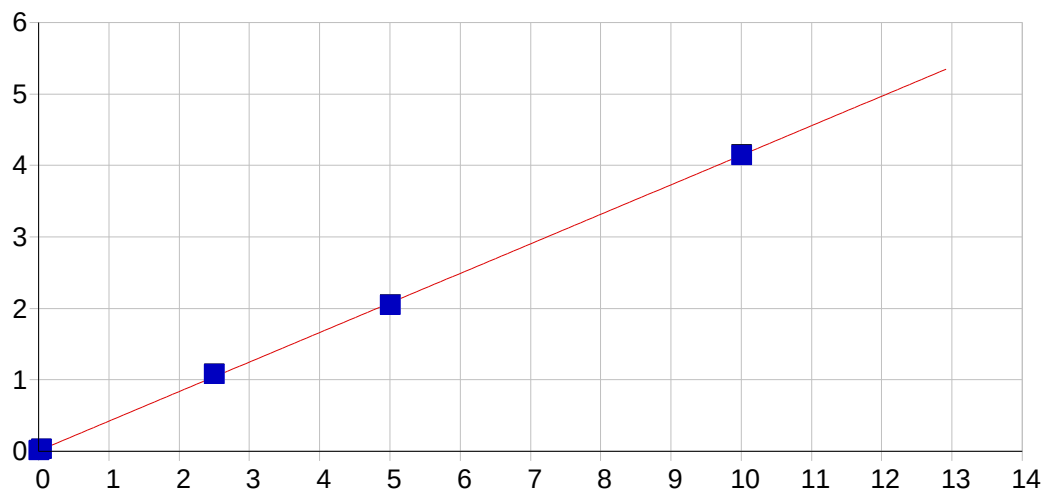


Sn 189.989 {477}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001637 Re-Slope: 1.000000
 A1 (Gain): 0.207327 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000810
 Predicted MQL: 0.002702

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00164	.000	1
S1	.04000	.03990	-.000	-.251	.00991	.000	1
S3	2.5000	2.5215	.022	.862	.52451	.001	1
S4	5.0000	4.8943	-.106	-2.11	1.0165	.001	1
S5	10.000	10.084	.084	.842	2.0927	.003	1



Ti 336.121 {100}

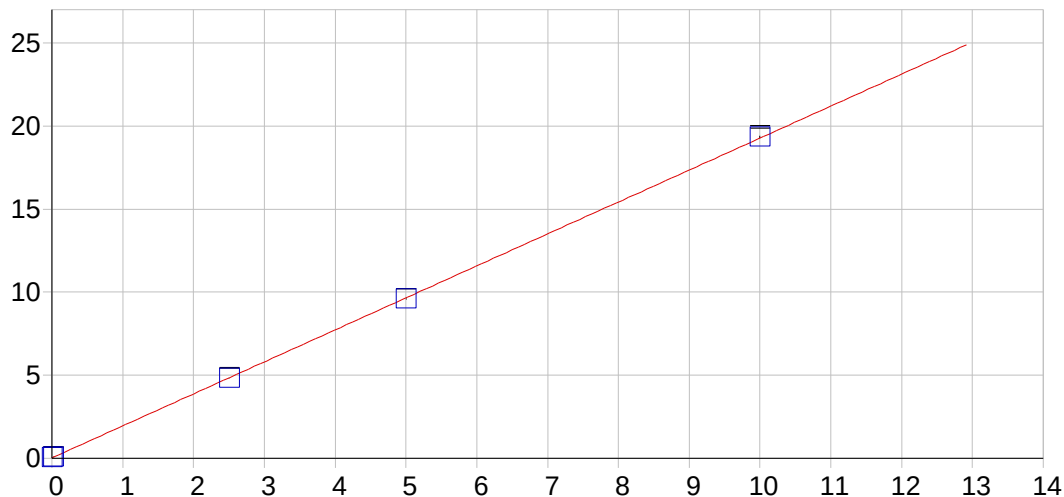
Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004504 Re-Slope: 1.000000
 A1 (Gain): 0.413658 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870
 Std Error of Est: 0.000228
 Predicted MDL: 0.003054
 Predicted MQL: 0.010180

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00450	.001	1
S1	.04000	.04410	.004	10.2	.02274	.002	1
S3	2.5000	2.5872	.087	3.49	1.0746	.003	1
S4	5.0000	4.9271	-.073	-1.46	2.0424	.012	1
S5	10.000	9.9816	-.018	-.184	4.1329	.010	1



Li 670.784 { 50}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

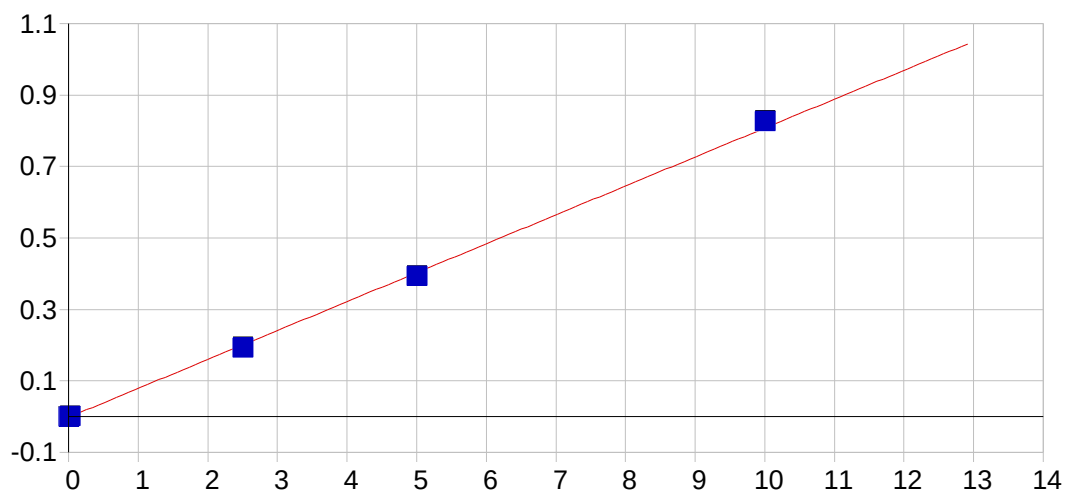
Weighting: 1/Conc

A0 (Offset): 0.029878
 A1 (Gain): 1.924490
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990
 Std Error of Est: 0.000206
 Predicted MDL: 0.002810
 Predicted MQL: 0.009367

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	.02988	.004	1
S1	.02000	.01981	-.000	-.974	.06799	.006	1
S3	2.5000	2.4927	-.007	-.291	4.8271	.013	1
S4	5.0000	4.9700	-.030	-.600	9.5946	.003	1
S5	10.000	10.037	.037	.375	19.347	.082	1

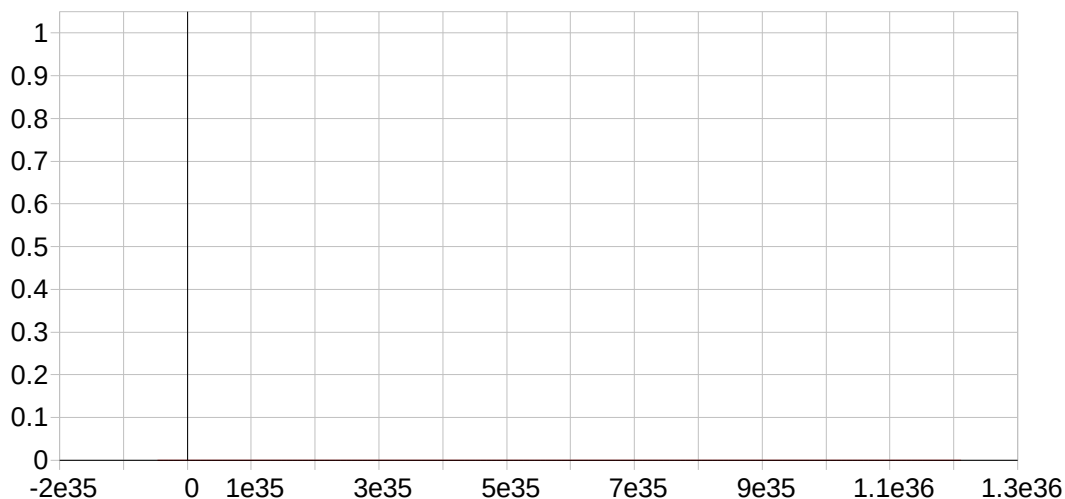


P 177.495 {490}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001801 Re-Slope: 1.000000
 A1 (Gain): 0.080929 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.002082
 Predicted MQL: 0.006942

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00180	.000	1
S1	.02000	.01806	-.002	-9.72	-.00034	.000	1
S3	2.5000	2.4037	-.096	-3.85	.19244	.001	1
S4	5.0000	4.8700	-.130	-2.60	.39174	.002	1
S5	10.000	10.228	.228	2.28	.82478	.001	1



Y 224.306 {450}*

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

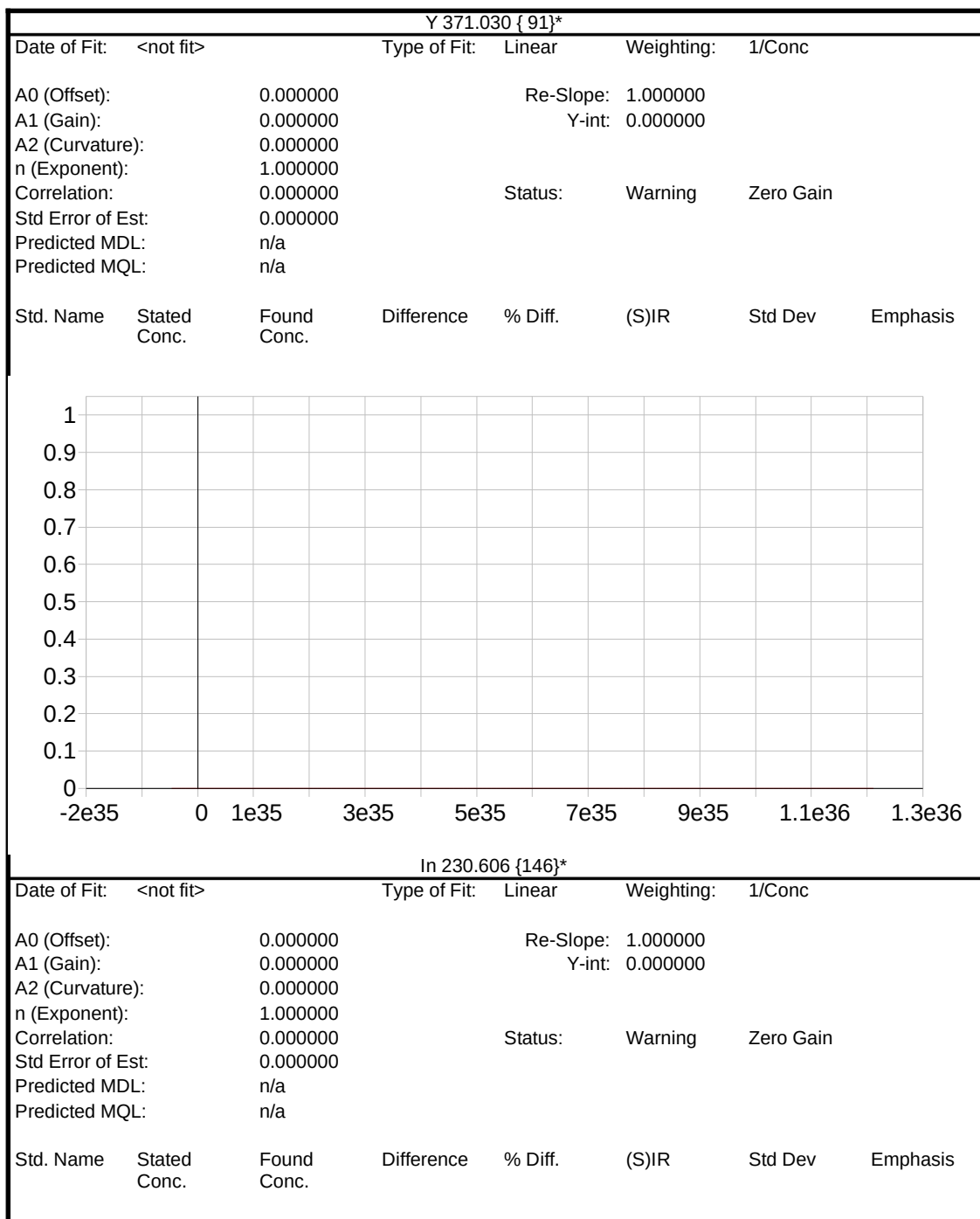
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

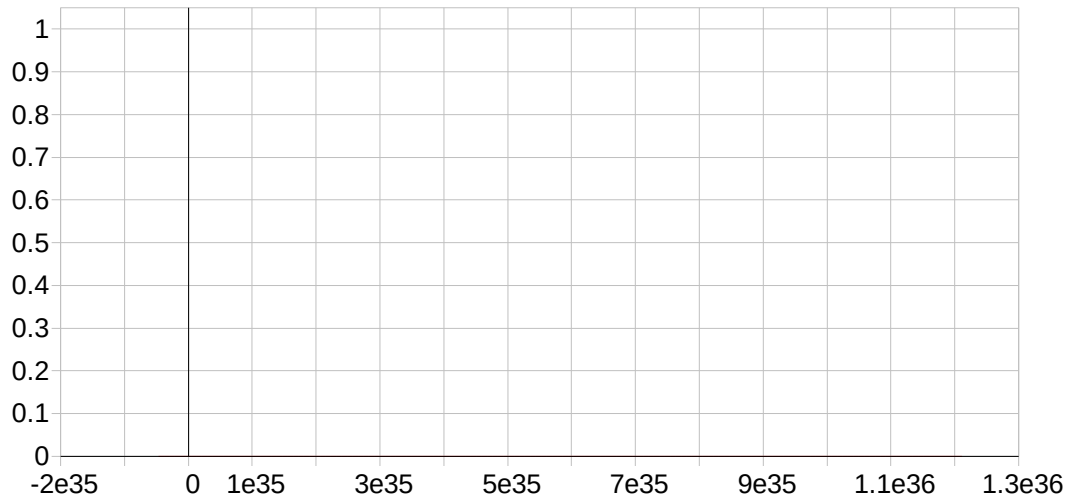
Status: Warning Zero Gain

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

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

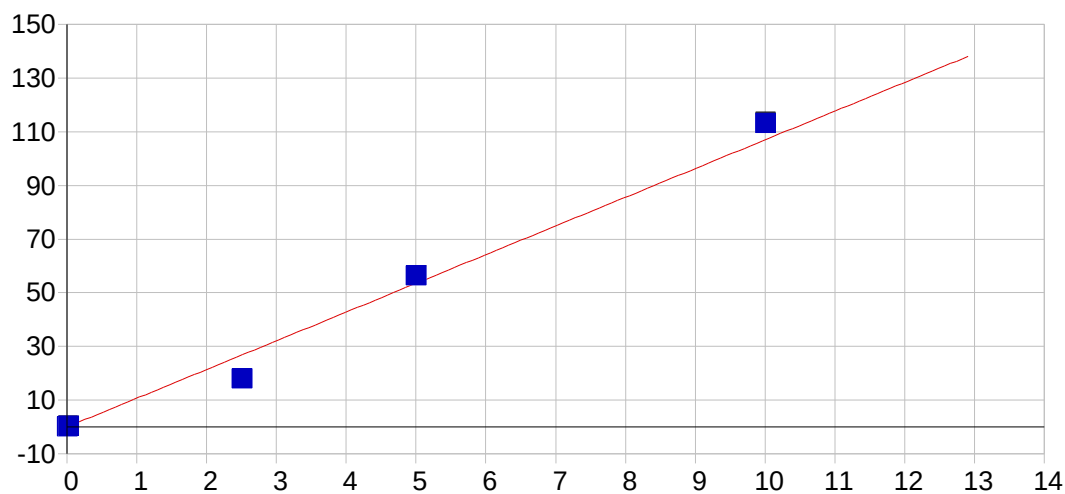
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001931

Re-Slope: 1.000000

A1 (Gain): 10.696151

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.991007

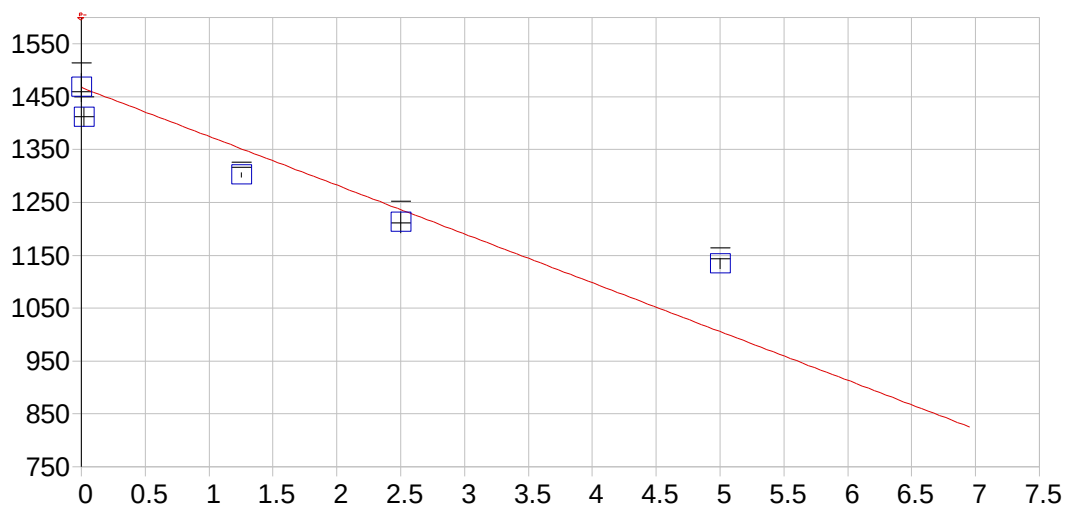
Status: OK.

Std Error of Est: 0.034923

Predicted MDL: 0.000212

Predicted MQL: 0.000705

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00191	.002	1
S1	.02000	.02668	.007	33.4	.28852	.002	1
S3	2.5000	1.6738	-.826	-33.0	17.935	.030	1
S4	5.0000	5.2559	.256	5.12	56.279	.061	1
S5	10.000	10.564	.564	5.64	113.11	.382	1

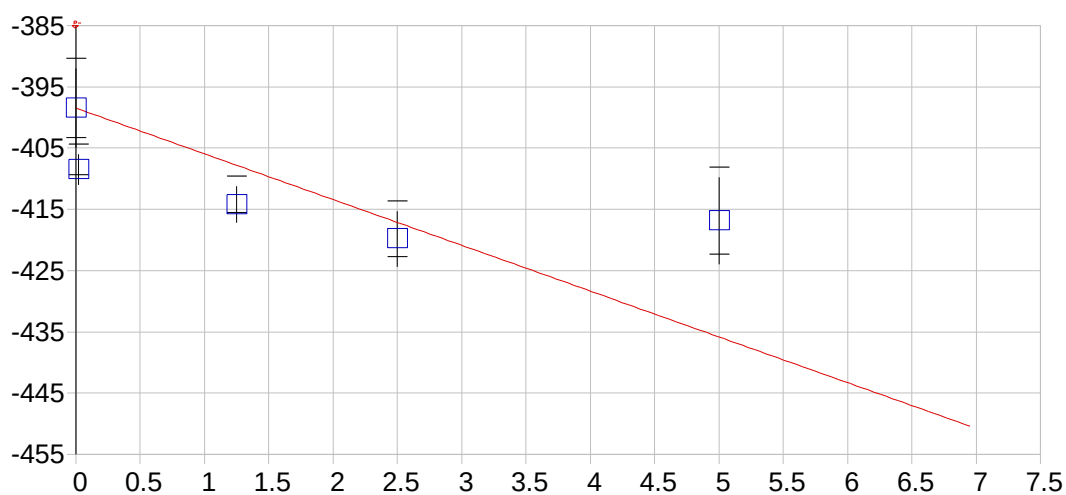


U 367.007 { 92}

Date of Fit: 6/28/2019 13:46:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1467.455700 Re-Slope: 1.000000
A1 (Gain): -92.326322 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.574560 Status: Warning Negative Gain
Std Error of Est: 2.247488
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00059	-.001	.000	1467.5	27.3	1
S1	.02000	.60527	.585	2930.	1411.6	19.1	1
S3	1.2500	1.7953	.545	43.6	1301.7	4.72	1
S4	2.5000	2.7594	.259	10.4	1212.7	20.6	1
S5	5.0000	3.6100	-1.39	-27.8	1134.2	10.0	1



U 385.958 { 87}

Date of Fit: 6/28/2019 13:46:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -398.469004

Re-Slope: 1.000000

A1 (Gain): -7.468879

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.299232

Status: Warning Negative Gain

Std Error of Est: 0.406992

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00133	-.001	.000	-398.46	6.50	1
S1	.02000	1.3402	1.32	6600.	-408.48	2.48	1
S3	1.2500	2.1111	.861	68.9	-414.24	2.97	1
S4	2.5000	2.8559	.356	14.2	-419.80	4.55	1
S5	5.0000	2.4628	-2.54	-50.7	-416.86	7.12	1

Sample Name: S0 Acquired: 6/28/2019 10:33:44 Type: Cal
Method: P4-ICP2(v3241) 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	.00016	.00011	.00885	.00023	.00129	.00090	-.00291	-.00017
Stddev	.00009	.00015	.00005	.00011	.00007	.00012	.00011	.00004
%RSD	53.095	137.76	.55734	47.445	5.7461	12.956	3.9297	21.305

#1	.00018	.00000	.00891	.00032	.00122	.00078	-.00290	-.00021
#2	.00007	.00004	.00884	.00011	.00136	.00092	-.00279	-.00016
#3	.00023	.00028	.00881	.00025	.00128	.00101	-.00302	-.00014

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	-.00538	.00326	.00067	-.00083	.00232	.00262	.00010	.00015
Stddev	.00025	.00116	.00011	.00036	.00021	.00005	.00006	.00005
%RSD	4.6287	35.436	15.951	43.480	9.2200	1.8783	62.932	30.844

#1	-.00514	.00450	.00069	-.00124	.00240	.00267	.00003	.00020
#2	-.00564	.00222	.00077	-.00069	.00249	.00261	.00016	.00012
#3	-.00535	.00306	.00056	-.00056	.00208	.00257	.00011	.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	-.01277	.00149	.00113	.00113	.00405	.00084	.00050	.00004
Stddev	.00014	.00003	.00005	.00010	.00015	.00039	.00007	.00004
%RSD	1.1261	1.9152	4.0290	9.1413	3.7020	45.708	14.994	99.784

#1	-.01278	.00151	.00118	.00102	.00413	.00040	.00052	.00008
#2	-.01262	.00151	.00109	.00122	.00413	.00108	.00042	.00005
#3	-.01290	.00146	.00110	.00115	.00387	.00105	.00056	-.00000

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	.00062	.03378	.00164	.00450	.02988	-.0018	.00191	1467.5
Stddev	.00001	.00081	.00006	.00052	.00375	.0000	.00236	27.3
%RSD	2.1479	2.3993	3.7543	11.487	12.559	1.748	123.71	1.8576

#1	.00061	.03299	.00168	.00391	.03167	-.0018	.00449	1446.4
#2	.00063	.03374	.00166	.00485	.02557	-.0018	.00137	1498.3
#3	.00063	.03461	.00157	.00475	.03240	-.0018	-.00014	1457.9

Sample Name: S0 Acquired: 6/28/2019 10:33:44 Type: Cal
Method: P4-ICP2(v3241) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-398.46
Stddev	6.50
%RSD	1.6322

#1	-397.90
#2	-392.25
#3	-405.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.7	28566.	1962.5	32.837	2890.5
Stddev	8.9	255.	16.2	.260	14.0
%RSD	.34151	.89336	.82373	.79157	.48424

#1	2611.3	28276.	1945.0	33.014	2877.0
#2	2616.3	28667.	1965.5	32.539	2889.6
#3	2628.6	28755.	1976.9	32.959	2904.9

Sample Name: S1 Acquired: 6/28/2019 10:38:10 Type: Cal
Method: P4-ICP2(v3241) 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	.00119	.00686	.01333	.00163	.00865	.00171	.03717	.00761
Stddev	.00017	.00015	.00033	.00007	.00000	.00008	.00051	.00017
%RSD	13.966	2.2330	2.4795	4.1869	.04519	4.4919	1.3758	2.2137

#1	.00130	.00699	.01297	.00159	.00864	.00164	.03658	.00772
#2	.00128	.00669	.01362	.00159	.00865	.00170	.03750	.00742
#3	.00100	.00689	.01340	.00171	.00864	.00179	.03742	.00770

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	.02187	.00388	.03853	.02250	.01821	.03220	.01921	.00431
Stddev	.00018	.00014	.00039	.00038	.00016	.00024	.00021	.00003
%RSD	.80383	3.7173	1.0019	1.6967	.87434	.74395	1.0926	.60516

#1	.02169	.00372	.03809	.02220	.01802	.03225	.01902	.00433
#2	.02186	.00395	.03884	.02237	.01830	.03194	.01917	.00428
#3	.02205	.00398	.03864	.02293	.01831	.03241	.01944	.00430

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	.01346	.12345	.14488	.00026	.00124	.28835	.00991	.02274
Stddev	.00026	.00020	.00055	.00003	.00010	.00315	.00014	.00185
%RSD	1.9238	.16369	.38216	12.054	8.2156	1.0922	1.4422	8.1317

#1	.01335	.12322	.14523	.00024	.00130	.29051	.01005	.02084
#2	.01328	.12361	.14517	.00030	.00129	.28473	.00990	.02284
#3	.01376	.12353	.14424	.00024	.00112	.28980	.00977	.02453

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06799	-.0003	.28852	1411.6	-408.48
Stddev	.00610	.0001	.00215	19.1	2.48
%RSD	8.9688	16.29	.74511	1.3558	.60813

#1	.06208	-.0004	.28964	1400.8	-409.60
#2	.06765	-.0004	.28987	1400.2	-405.63
#3	.07426	-.0003	.28604	1433.7	-410.21

Sample Name: S1 Acquired: 6/28/2019 10:38:10 Type: Cal
Method: P4-ICP2(v3241) 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	2611.8	28661.	1969.3	33.547	2856.1
Stddev	3.9	14.	18.9	1.499	3.1
%RSD	.15035	.05003	.96171	4.4692	.10797
#1	2610.8	28651.	1950.4	32.509	2857.2
#2	2608.6	28677.	1988.3	35.266	2852.6
#3	2616.2	28654.	1969.2	32.866	2858.5

Sample Name: S2 Acquired: 6/28/2019 10:42:37 Type: Cal
 Method: P4-ICP2(v3241) 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	.16220	.00225	.06691	.01610
Stddev	.00019	.00003	.00066	.00044
%RSD	.11731	1.3760	.98228	2.7405

#1	.16237	.00222	.06621	.01658
#2	.16200	.00225	.06751	.01599
#3	.16224	.00228	.06703	.01572

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	28749.	1996.6
Stddev	111.	9.2
%RSD	.38603	.46290

#1	28659.	1986.2
#2	28715.	2003.8
#3	28873.	1999.7

Sample Name: S3 Acquired: 6/28/2019 10:46:50 Type: Cal
Method: P4-ICP2(v3241) 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	.14073	.43289	.91047	.16925	.36538	.02777	1.9010	.15240
Stddev	.00035	.00224	.00393	.00039	.00071	.00038	.0081	.00059
%RSD	.25043	.51697	.43125	.23064	.19403	1.3516	.42625	.38468
#1	.14034	.43533	.91485	.16959	.36617	.02735	1.8933	.15300
#2	.14081	.43092	.90727	.16882	.36517	.02808	1.9095	.15239
#3	.14103	.43243	.90929	.16935	.36480	.02787	1.9004	.15182
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7867	.80897	.14443	1.6734	.60109	.36134	1.8550	.01137
Stddev	.0110	.00190	.00060	.0023	.00032	.00219	.0033	.00009
%RSD	.18956	.23504	.41870	.13881	.05405	.60669	.17614	.78694
#1	5.7986	.80836	.14511	1.6761	.60072	.36370	1.8585	.01128
#2	5.7771	.81110	.14425	1.6725	.60118	.36097	1.8545	.01146
#3	5.7843	.80745	.14394	1.6717	.60135	.35936	1.8520	.01136
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	.97820	.17387	.34683	.38320	3.3776	.08269	1.7442	.00548
Stddev	.00346	.00046	.00124	.00034	.0069	.00097	.0033	.00007
%RSD	.35400	.26202	.35641	.08793	.20375	1.1734	.18815	1.2743
#1	.98197	.17405	.34595	.38358	3.3855	.08163	1.7411	.00547
#2	.97745	.17420	.34824	.38310	3.3729	.08290	1.7438	.00541
#3	.97516	.17335	.34629	.38293	3.3744	.08354	1.7476	.00555
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	.09020	1.6834	.52451	1.0746	4.8271	.1924	17.935	1301.7
Stddev	.00052	.0124	.00083	.0033	.0127	.0010	.030	4.7
%RSD	.57480	.73728	.15792	.30517	.26363	.5359	.16844	.36283
#1	.09067	1.6977	.52544	1.0762	4.8214	.1934	17.965	1304.5
#2	.09028	1.6778	.52424	1.0767	4.8417	.1913	17.934	1304.4
#3	.08964	1.6748	.52385	1.0708	4.8182	.1926	17.905	1296.2

Sample Name: S3 Acquired: 6/28/2019 10:46:50 Type: Cal
 Method: P4-ICP2(v3241) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-414.24
Stddev	2.97
%RSD	.71611

#1	-414.11
#2	-411.34
#3	-417.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2584.6	28725.	1987.0	30.662	2693.4
Stddev	4.0	41.	14.4	.565	2.5
%RSD	.15356	.14156	.72362	1.8441	.09125

#1	2589.2	28682.	1970.7	30.140	2690.7
#2	2582.5	28762.	1997.8	30.584	2693.9
#3	2582.1	28731.	1992.6	31.263	2695.5

Sample Name: S4 Acquired: 6/28/2019 10:50:52 Type: Cal
Method: P4-ICP2(v3241) 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	.27184	.84795	1.7623	.32674	.71049	.05298	3.7046	.29257
Stddev	.00090	.00024	.0024	.00091	.00032	.00041	.0288	.00042
%RSD	.33086	.02827	.13387	.27737	.04549	.77232	.77608	.14260

#1	.27264	.84768	1.7616	.32777	.71047	.05319	3.7252	.29251
#2	.27200	.84815	1.7650	.32638	.71018	.05251	3.6717	.29219
#3	.27087	.84802	1.7604	.32606	.71083	.05324	3.7168	.29302

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.448	1.5306	.27330	3.2619	1.1347	.67995	3.5451	.02192
Stddev	.003	.0033	.00050	.0035	.0022	.00097	.0037	.00028
%RSD	.02764	.21562	.18476	.10598	.19254	.14192	.10392	1.2737

#1	11.451	1.5269	.27331	3.2635	1.1350	.67916	3.5410	.02186
#2	11.448	1.5316	.27279	3.2643	1.1324	.68103	3.5461	.02168
#3	11.444	1.5333	.27380	3.2580	1.1368	.67968	3.5481	.02223

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	1.9028	.33363	.67646	.73342	6.5782	.16100	3.3331	.01082
Stddev	.0023	.00047	.00503	.00053	.0087	.00155	.0030	.00011
%RSD	.11890	.13979	.74296	.07180	.13245	.96334	.08943	1.0433

#1	1.9054	.33336	.68021	.73282	6.5786	.16152	3.3318	.01091
#2	1.9016	.33336	.67075	.73379	6.5867	.15925	3.3309	.01070
#3	1.9013	.33417	.67842	.73365	6.5693	.16222	3.3365	.01086

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	.17994	3.1149	1.0165	2.0424	9.5946	.3917	56.279	1212.7
Stddev	.00044	.0210	.0006	.0124	.0028	.0015	.061	20.6
%RSD	.24714	.67503	.06054	.60885	.02922	.3863	.10814	1.6962

#1	.17952	3.0951	1.0173	2.0352	9.5943	.3930	56.347	1214.9
#2	.18041	3.1370	1.0162	2.0352	9.5975	.3922	56.229	1191.1
#3	.17990	3.1126	1.0161	2.0567	9.5919	.3900	56.260	1232.1

Sample Name: S4 Acquired: 6/28/2019 10:50:52 Type: Cal
 Method: P4-ICP2(v3241) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-419.80
Stddev	4.55
%RSD	1.0828

#1	-418.56
#2	-416.00
#3	-424.84

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.6	28260.	1988.8	32.015	2579.3
Stddev	1.6	92.	16.2	1.473	3.5
%RSD	.06239	.32698	.81511	4.6015	.13601

#1	2547.9	28176.	1991.2	32.678	2578.3
#2	2549.8	28244.	1971.5	30.327	2576.4
#3	2551.1	28359.	2003.7	33.041	2583.2

Sample Name: S5 Acquired: 6/28/2019 10:54:50 Type: Cal
Method: P4-ICP2(v3241) 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	.55103	1.7147	3.6061	.65712	1.4322	.10680	7.4949	.58565
Stddev	.00173	.0013	.0007	.00163	.0023	.00117	.0366	.00082
%RSD	.31355	.07509	.01995	.24880	.16037	1.0924	.48860	.13994

#1	.55066	1.7140	3.6066	.65557	1.4300	.10552	7.4568	.58584
#2	.54952	1.7162	3.6064	.65696	1.4321	.10705	7.4980	.58475
#3	.55292	1.7139	3.6052	.65883	1.4346	.10781	7.5299	.58635

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.587	3.0716	.54321	6.7055	2.2401	1.3416	7.0145	.04411
Stddev	.024	.0056	.00098	.0007	.0019	.0019	.0034	.00038
%RSD	.09985	.18319	.18066	.01094	.08582	.14481	.04811	.86899

#1	23.602	3.0749	.54218	6.7063	2.2379	1.3395	7.0106	.04381
#2	23.599	3.0748	.54331	6.7054	2.2415	1.3419	7.0165	.04398
#3	23.560	3.0651	.54413	6.7048	2.2409	1.3433	7.0163	.04454

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	3.9068	.66384	1.3702	1.4665	13.629	.32591	6.6682	.02173
Stddev	.0095	.00169	.0074	.0016	.005	.00136	.0112	.00027
%RSD	.24443	.25488	.54027	.11179	.03347	.41585	.16797	1.2419

#1	3.9138	.66546	1.3625	1.4667	13.633	.32447	6.6584	.02159
#2	3.9107	.66396	1.3709	1.4680	13.630	.32608	6.6659	.02157
#3	3.8960	.66208	1.3772	1.4648	13.624	.32717	6.6804	.02204

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	.38141	6.1861	2.0927	4.1329	19.347	.8248	113.11	1134.2
Stddev	.00092	.0296	.0030	.0096	.082	.0012	.38	10.0
%RSD	.24048	.47889	.14409	.23211	.42135	.1461	.33745	.88415

#1	.38101	6.2203	2.0939	4.1250	19.410	.8261	113.48	1142.1
#2	.38246	6.1683	2.0950	4.1436	19.375	.8246	113.13	1122.9
#3	.38076	6.1697	2.0893	4.1302	19.255	.8237	112.72	1137.5

Sample Name: S5 Acquired: 6/28/2019 10:54:50 Type: Cal
 Method: P4-ICP2(v3241) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-416.86
Stddev	7.12
%RSD	1.7084

#1	-409.71
#2	-423.95
#3	-416.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.8	27776.	1963.7	31.302	2428.3
Stddev	5.1	34.	15.3	1.194	8.6
%RSD	.20533	.12346	.78017	3.8132	.35468

#1	2488.3	27811.	1948.5	30.960	2420.6
#2	2489.3	27776.	1963.4	30.317	2426.7
#3	2497.7	27742.	1979.2	32.629	2437.6

Sample Name: ICV01 Acquired: 6/28/2019 10:58:47 Type: Unk
Method: P4-ICP2(v3241) 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	.99018	1.0144	.97867	1.0028	.98911	F 2.3617	.49882
Stddev	.00600	.0040	.00238	.0084	.00251	.0138	.00314
%RSD	.60597	.39748	.24298	.83756	.25328	.58551	.62986

#1	.98348	1.0106	.97616	1.0062	.98638	2.3570	.49548
#2	.99505	1.0186	.98089	1.0091	.99130	2.3773	.49927
#3	.99202	1.0141	.97896	.99329	.98966	2.3508	.50172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48724	.47390	10.007	.49760	.48913	.50319	5.0540
Stddev	.00122	.00164	.071	.00139	.00185	.00239	.0164
%RSD	.25055	.34623	.71278	.28005	.37729	.47515	.32545

#1	.48627	.47290	10.028	.49612	.48700	.50045	5.0546
#2	.48683	.47579	9.9277	.49889	.49022	.50426	5.0373
#3	.48861	.47300	10.066	.49779	.49018	.50486	5.0702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50425	5.8962	.49236	.50299	9.7381	.49154	.97489
Stddev	.00086	.0220	.00028	.00209	.0430	.00081	.00445
%RSD	.17117	.37231	.05624	.41608	.44186	.16391	.45628

#1	.50330	5.8710	.49207	.50305	9.6935	.49121	.97433
#2	.50449	5.9061	.49238	.50088	9.7417	.49096	.97959
#3	.50498	5.9115	.49262	.50506	9.7793	.49246	.97074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7243	2.4976	2.4185	F .85029	2.4013	2.3886	2.4406
Stddev	.0746	.0108	.0488	.01100	.0158	.0165	.0049
%RSD	.76768	.43344	2.0173	1.2932	.65794	.69094	.20165

#1	9.6532	2.4861	2.4566	.86225	2.4145	2.3708	2.4430
#2	9.7178	2.5076	2.3635	.84801	2.3838	2.3919	2.4350
#3	9.8020	2.4991	2.4354	.84062	2.4056	2.4033	2.4440

Sample Name: ICV01 Acquired: 6/28/2019 10:58:47 Type: Unk
 Method: P4-ICP2(v3241) 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 -.00086	F -.0019	F .00854	F 2.6864	F 2.3599
Stddev	.00137	.0004	.00023	.1702	.8210
%RSD	159.97	20.71	2.6865	6.3350	34.792
#1	-.00086	-.0023	.00830	2.5494	1.4240
#2	-.00222	-.0016	.00876	2.8769	2.6970
#3	.00051	-.0017	.00857	2.6328	2.9588
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.4	28828.	1996.5	31.436	2753.8
Stddev	19.7	83.	13.4	1.211	18.0
%RSD	.75964	.28652	.67294	3.8508	.65440
#1	2585.4	28825.	1984.1	32.832	2741.9
#2	2590.9	28912.	2010.8	30.668	2745.0
#3	2622.0	28747.	1994.7	30.809	2774.5

Sample Name: LLICV01 Acquired: 6/28/2019 11:04:56 Type: Unk
Method: P4-ICP2(v3241) 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	.02030	.04120	.01185	.02035	.05285	.10481	.10768	.00667
Stddev	.00268	.00114	.00029	.00115	.00400	.00717	.00082	.00003
%RSD	13.200	2.7760	2.4091	5.6532	7.5779	6.8441	.75820	.39201
#1	.01894	.04187	.01210	.02133	.05690	.10904	.10750	.00667
#2	.02339	.03988	.01192	.01908	.04889	.10887	.10857	.00665
#3	.01857	.04185	.01154	.02063	.05276	.09653	.10697	.00670
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	2.1282	.01122	.02996	.02150	.11410	.02279	2.0628
Stddev	.00007	.0114	.00016	.00022	.00045	.00040	.00007	.0578
%RSD	1.1342	.53668	1.4416	.73743	2.0985	.35430	.29080	2.8036
#1	.00578	2.1162	.01108	.03020	.02151	.11431	.02287	2.0136
#2	.00589	2.1294	.01139	.02976	.02104	.11435	.02274	2.1265
#3	.00590	2.1389	.01117	.02994	.02194	.11363	.02277	2.0484
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04110	.01034	2.0647	.04157	.04417	2.0276	.21626	.11356
Stddev	.00034	.00036	.0127	.00062	.00006	.0278	.00127	.02185
%RSD	.81660	3.4679	.61314	1.4986	.13917	1.3719	.58525	19.241
#1	.04110	.01028	2.0692	.04198	.04411	2.0137	.21480	.10733
#2	.04076	.01073	2.0746	.04188	.04423	2.0094	.21693	.13786
#3	.04143	.01002	2.0505	.04086	.04417	2.0596	.21705	.09551
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01865	.40342	.03989	.04161	.02101	.0187	F .02650	F 2.4304
Stddev	.00180	.00054	.00155	.00428	.00212	.0005	.00016	.0925
%RSD	9.6559	.13358	3.8961	10.286	10.099	2.895	.58553	3.8065
#1	.01673	.40354	.03814	.04646	.02102	.0191	.02657	2.4874
#2	.02030	.40389	.04111	.03997	.02312	.0181	.02660	2.4801
#3	.01891	.40283	.04043	.03839	.01888	.0190	.02632	2.3236

Sample Name: LLICV01 Acquired: 6/28/2019 11:04:56 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .53134
Stddev 1.6134
%RSD 303.64

#1 1.3499
#2 -1.3272
#3 1.5714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.4	28829.	1985.9	32.478	2846.6
Stddev	2.5	82.	10.8	1.339	1.2
%RSD	.09620	.28606	.54175	4.1236	.04105

#1	2600.0	28737.	1973.6	31.400	2845.9
#2	2604.3	28897.	1990.3	33.977	2847.9
#3	2599.9	28851.	1993.7	32.057	2845.9

Sample Name: ICB01 Acquired: 6/28/2019 11:09:21 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00038	.00050	.00030	-.00080	-.01049	.00114	.00010
Stddev	.00116	.00105	.00040	.00123	.00185	.02212	.00055	.00006
%RSD	69.020	278.74	80.425	403.05	230.18	210.95	48.444	57.857
#1	-.00083	-.00150	.00004	.00151	.00043	-.02153	.00098	.00012
#2	-.00301	.00057	.00070	.00035	.00009	.01498	.00175	.00004
#3	-.00122	-.00020	.00077	-.00094	-.00293	-.02491	.00068	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.01756	-.00020	.00008	-.00059	.00035	-.00001	-.02429
Stddev	.00007	.01876	.00034	.00019	.00006	.00042	.00004	.05917
%RSD	115.99	106.85	166.61	231.59	10.002	117.96	707.98	243.66
#1	-.00012	.01507	-.00058	-.00013	-.00065	.00070	.00005	-.08207
#2	.00002	.00017	-.00007	.00021	-.00061	.00046	-.00004	-.02697
#3	-.00008	.03744	.00004	.00017	-.00053	-.00011	-.00003	.03619
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00078	-.03633	-.00005	-.00020	-.03186	-.00004	.00902
Stddev	.00021	.00065	.01285	.00057	.00001	.04267	.00014	.01342
%RSD	272.93	83.468	35.362	1233.1	2.5712	133.92	393.80	148.78
#1	-.00002	-.00092	-.02827	-.00035	-.00019	-.07942	.00002	-.00440
#2	-.00030	-.00007	-.05114	.00061	-.00020	-.01924	.00006	.02244
#3	.00010	-.00134	-.02957	-.00040	-.00020	.00307	-.00019	.00902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.00401	-.00008	.00136	-.00153	-.0015	-.00021	F 2.3988
Stddev	.00192	.00118	.00096	.00193	.00472	.0012	.00011	.3433
%RSD	99.483	29.522	1250.6	141.94	308.18	83.04	53.804	14.312
#1	-.00395	-.00456	-.00069	-.00003	-.00376	-.0005	-.00008	2.6841
#2	-.00013	-.00482	.00103	.00356	-.00473	-.0028	-.00025	2.4944
#3	-.00172	-.00265	-.00057	.00055	.00389	-.0010	-.00030	2.0178

Sample Name: ICB01 Acquired: 6/28/2019 11:09:21 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .87031
Stddev	.77549
%RSD	89.105

#1	.07779
#2	.90558
#3	1.6276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.6	29313.	2004.7	33.914	2891.3
Stddev	8.8	90.	4.1	1.502	15.5
%RSD	.33558	.30650	.20644	4.4280	.53663

#1	2623.3	29290.	2003.8	35.641	2877.9
#2	2640.9	29413.	2009.3	33.191	2908.3
#3	2630.7	29237.	2001.2	32.911	2887.5

Sample Name: CRI01 Acquired: 6/28/2019 11:13:48 Type: Unk
Method: P4-ICP2(v3241) 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	.01747	.04175	.01273	.02279	.05253	.09409	.10896	.00668
Stddev	.00276	.00070	.00029	.00268	.00251	.01125	.00134	.00003
%RSD	15.812	1.6725	2.2533	11.752	4.7866	11.960	1.2273	.40853
#1	.01763	.04142	.01294	.02169	.05239	.08738	.11050	.00671
#2	.01462	.04127	.01240	.02584	.05009	.10708	.10808	.00668
#3	.02014	.04255	.01284	.02084	.05511	.08780	.10829	.00665
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	2.1361	.01159	.02967	.02176	.11464	.02310	2.0847
Stddev	.00007	.0276	.00016	.00025	.00026	.00049	.00008	.1094
%RSD	1.1703	1.2898	1.3982	.85657	1.1733	.42970	.35211	5.2455
#1	.00582	2.1368	.01148	.02941	.02198	.11511	.02301	2.0947
#2	.00592	2.1082	.01152	.02967	.02181	.11469	.02314	2.1887
#3	.00595	2.1633	.01178	.02992	.02148	.11413	.02316	1.9706
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04104	.01040	2.0423	.04209	.04414	2.0141	.21516	.10982
Stddev	.00015	.00045	.0071	.00014	.00021	.0553	.00018	.01710
%RSD	.36025	4.3170	.34570	.33524	.48178	2.7445	.08396	15.567
#1	.04090	.00991	2.0486	.04225	.04418	2.0766	.21530	.12532
#2	.04119	.01050	2.0438	.04206	.04391	1.9944	.21523	.11265
#3	.04102	.01079	2.0347	.04197	.04433	1.9714	.21496	.09149
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01934	.39619	.03860	.04090	.01985	.0162	F .02666	F 2.5567
Stddev	.00684	.00591	.00023	.00128	.00073	.0027	.00014	.1975
%RSD	35.356	1.4923	.60651	3.1322	3.6648	16.90	.52058	7.7250
#1	.01149	.40296	.03868	.04136	.01901	.0193	.02653	2.3446
#2	.02256	.39352	.03834	.03945	.02030	.0154	.02666	2.7353
#3	.02397	.39207	.03878	.04189	.02024	.0140	.02681	2.5903

Sample Name: CRI01 Acquired: 6/28/2019 11:13:48 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5593
Stddev	.9299
%RSD	59.634

#1	.60735
#2	1.6051
#3	2.4654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.5	29138.	2019.5	33.687	2858.2
Stddev	1.8	110.	3.9	.972	.6
%RSD	.06995	.37661	.19429	2.8850	.01982

#1	2618.8	29013.	2015.0	33.748	2858.7
#2	2616.5	29182.	2022.0	34.627	2857.5
#3	2620.1	29218.	2021.6	32.686	2858.3

Sample Name: ICSA01 Acquired: 6/28/2019 11:18:14 Type: Unk
 Method: P4-ICP2(v3241) 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	.00084	.00660	.00075	.00388	.00814	286.38	.00772	.00050
Stddev	.00058	.00315	.00068	.00367	.00278	1.19	.00018	.00007
%RSD	69.638	47.719	91.351	94.580	34.210	.41388	2.3297	13.391
#1	.00054	.00297	.00140	-.00013	.01126	285.80	.00792	.00056
#2	.00047	.00819	.00004	.00470	.00723	285.59	.00756	.00053
#3	.00151	.00863	.00080	.00706	.00592	287.74	.00770	.00043
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	254.47	.04909	-.00075	.00363	99.773	.01510	278.85
Stddev	.00004	2.24	.00092	.00050	.00048	.381	.00013	1.38
%RSD	1.2405	.87873	1.8721	66.556	13.325	.38151	.83783	.49623
#1	-.00316	252.12	.05001	-.00111	.00370	99.447	.01522	279.02
#2	-.00311	256.57	.04909	-.00018	.00311	100.19	.01509	277.38
#3	-.00319	254.72	.04817	-.00096	.00407	99.682	.01497	280.14
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01479	-.00682	.00569	.00230	-.01461	-.01119	-.00029	.06122
Stddev	.00040	.00089	.00938	.00090	.00016	.09212	.00013	.01373
%RSD	2.7103	13.001	164.97	39.045	1.0857	823.54	43.642	22.422
#1	-.01510	-.00779	-.00505	.00327	-.01452	-.07043	-.00018	.05229
#2	-.01494	-.00606	.01232	.00150	-.01480	-.05807	-.00043	.05435
#3	-.01434	-.00661	.00979	.00214	-.01452	.09494	-.00025	.07703
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01375	-.00817	.01293	-.00237	-.00110	F .0210	F .02397	4.4363
Stddev	.00655	.00034	.00167	.00232	.00197	.0038	.00111	.0884
%RSD	47.616	4.1376	12.890	98.174	179.15	18.16	4.6171	1.9936
#1	.00778	-.00831	.01101	-.00391	-.00045	.0169	.02334	4.3365
#2	.01272	-.00779	.01372	.00031	.00046	.0216	.02333	4.4671
#3	.02076	-.00842	.01404	-.00350	-.00331	.0245	.02525	4.5052

Sample Name: ICSA01 Acquired: 6/28/2019 11:18:14 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.1417
%RSD	47.395

#1	-2.2262
#2	-6.4680
#3	-4.8620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2416.4	26823.	1966.0	31.141	2308.9
Stddev	3.6	43.	17.1	.396	3.9
%RSD	.14742	.15904	.87169	1.2721	.16797

#1	2420.0	26775.	1974.6	31.010	2306.7
#2	2412.9	26838.	1946.3	30.827	2306.7
#3	2416.3	26856.	1977.2	31.586	2313.4

Sample Name: ICSAB01 Acquired: 6/28/2019 11:22:53 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10555	.11402	.05436	.06162	.65021	279.17	.56522
Stddev	.00406	.00118	.00124	.00078	.00267	1.76	.00510
%RSD	3.8447	1.0369	2.2740	1.2698	.41049	.63036	.90302

#1	.10893	.11501	.05575	.06072	.64751	277.15	.56024
#2	.10105	.11271	.05340	.06197	.65284	280.37	.57044
#3	.10668	.11435	.05392	.06217	.65028	280.00	.56497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56452	1.0539	250.15	.57619	.53039	.52391	98.253
Stddev	.00017	.0021	.94	.00137	.00052	.00129	.450
%RSD	.02932	.20097	.37686	.23819	.09714	.24577	.45790

#1	.56443	1.0564	249.30	.57591	.53003	.52281	98.505
#2	.56441	1.0525	251.16	.57768	.53015	.52358	98.521
#3	.56471	1.0529	250.00	.57498	.53098	.52533	97.734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54609	271.54	1.0372	.21736	.00233	.53387	1.1076
Stddev	.00058	1.62	.0023	.00116	.00972	.00138	.0018
%RSD	.10542	.59688	.21855	.53441	417.21	.25778	.16498

#1	.54667	269.91	1.0374	.21648	.01214	.53510	1.1097
#2	.54552	273.15	1.0349	.21868	-.00730	.53238	1.1066
#3	.54608	271.57	1.0394	.21693	.00215	.53413	1.1065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06130	1.0696	1.1807	F .00682	.97209	1.1060	1.0552
Stddev	.07809	.0010	.0273	.00158	.00309	.0062	.0037
%RSD	127.37	.09049	2.3125	23.147	.31775	.56281	.34652

#1	-.15132	1.0694	1.2110	.00862	.97547	1.1055	1.0545
#2	-.02076	1.0707	1.1729	.00565	.96942	1.1000	1.0520
#3	-.01183	1.0688	1.1581	.00620	.97139	1.1124	1.0592

Sample Name: ICSAB01 Acquired: 6/28/2019 11:22:53 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00054	F .0204	F .02270	4.6362	<.00000
Stddev	.00254	.0011	.00072	.0573	1.6687
%RSD	474.59	5.218	3.1886	1.2366	68.423
#1	-.00317	.0213	.02202	4.5792	-2.3934
#2	-.00033	.0206	.02261	4.6354	-.79331
#3	.00190	.0192	.02346	4.6938	-4.1299
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.6	26944.	1959.4	30.849	2301.9
Stddev	4.6	39.	6.3	1.336	5.5
%RSD	.19198	.14547	.32043	4.3311	.23954
#1	2411.1	26899.	1952.2	30.503	2298.0
#2	2416.5	26962.	1962.4	29.721	2308.2
#3	2407.3	26971.	1963.6	32.325	2299.6

Sample Name: CCV01 Acquired: 6/28/2019 11:27:18 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9573	5.0240	4.9517	4.9966	5.0162	10.007	9.9375	.25214
Stddev	.0198	.0082	.0014	.0161	.0100	.152	.0623	.00018
%RSD	.39942	.16297	.02825	.32311	.19881	1.5161	.62648	.07105
#1	4.9411	5.0168	4.9532	4.9844	5.0099	9.8635	9.8701	.25232
#2	4.9514	5.0329	4.9505	5.0149	5.0277	9.9921	9.9498	.25196
#3	4.9794	5.0222	4.9513	4.9904	5.0110	10.166	9.9928	.25213
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4786	24.707	.98823	2.4783	1.2575	4.9914	2.5317	24.814
Stddev	.0010	.091	.00145	.0027	.0019	.0083	.0043	.322
%RSD	.03910	.37006	.14699	.10880	.15224	.16603	.17027	1.2963
#1	2.4779	24.619	.98954	2.4814	1.2573	4.9833	2.5278	24.443
#2	2.4783	24.802	.98850	2.4770	1.2596	4.9911	2.5310	25.009
#3	2.4797	24.700	.98667	2.4765	1.2557	4.9998	2.5363	24.990
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4727	1.2440	24.553	2.4869	2.4643	24.855	5.0097	5.0489
Stddev	.0014	.0024	.150	.0058	.0021	.300	.0048	.0637
%RSD	.05696	.19263	.60938	.23146	.08539	1.2076	.09616	1.2608
#1	2.4738	1.2412	24.395	2.4847	2.4667	24.521	5.0044	5.0071
#2	2.4711	1.2457	24.573	2.4825	2.4628	24.938	5.0108	5.0175
#3	2.4731	1.2451	24.692	2.4934	2.4634	25.104	5.0138	5.1222
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9501	4.8898	4.9384	4.9340	5.0148	4.970	F 5.2577	F 4.1791
Stddev	.0067	.0416	.0152	.0277	.0296	.009	.0355	.1122
%RSD	.13617	.85066	.30749	.56034	.58975	.1745	.67548	2.6846
#1	4.9577	4.9207	4.9513	4.9342	5.0236	4.977	5.2754	4.2637
#2	4.9478	4.9063	4.9422	4.9615	5.0390	4.973	5.2810	4.2218
#3	4.9448	4.8425	4.9217	4.9062	4.9819	4.961	5.2169	4.0518

Sample Name: CCV01 Acquired: 6/28/2019 11:27:18 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5711
Stddev	1.9065
%RSD	121.35

#1	3.7652
#2	.31845
#3	.62956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2542.1	28630.	2007.4	32.161	2568.4
Stddev	4.3	25.	19.0	1.403	4.7
%RSD	.16874	.08810	.94624	4.3633	.18388

#1	2544.0	28648.	1990.8	33.059	2565.6
#2	2545.1	28640.	2003.3	32.881	2573.9
#3	2537.2	28601.	2028.1	30.544	2565.7

Sample Name: LLCCV01 Acquired: 6/28/2019 11:31:16 Type: Unk
Method: P4-ICP2(v3241) 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	.02020	.04073	.01296	.02102	.05148	.10417	.10828	.00674
Stddev	.00085	.00166	.00062	.00107	.00226	.02967	.00024	.00010
%RSD	4.2022	4.0638	4.7510	5.1109	4.3935	28.479	.21758	1.4448
#1	.02111	.04149	.01230	.02192	.05284	.12410	.10855	.00663
#2	.02005	.04187	.01352	.01983	.04886	.11833	.10815	.00681
#3	.01943	.03883	.01305	.02131	.05272	.07007	.10813	.00679
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	2.1290	.01123	.02954	.02192	.11442	.02302	2.0582
Stddev	.00004	.0227	.00044	.00015	.00046	.00116	.00009	.0839
%RSD	.68480	1.0674	3.9166	.49552	2.0778	1.0119	.39885	4.0763
#1	.00597	2.1041	.01137	.02969	.02237	.11353	.02291	2.0468
#2	.00600	2.1486	.01073	.02940	.02192	.11573	.02305	2.1472
#3	.00592	2.1342	.01158	.02953	.02146	.11399	.02309	1.9805
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04123	.01043	2.0254	.04215	.04434	2.0560	.21484	.11909
Stddev	.00040	.00034	.0156	.00029	.00020	.0273	.00114	.01373
%RSD	.97962	3.2925	.76765	.68463	.44910	1.3286	.53236	11.528
#1	.04127	.01052	2.0180	.04182	.04435	2.0313	.21598	.12707
#2	.04161	.01004	2.0433	.04231	.04453	2.0853	.21486	.12695
#3	.04081	.01071	2.0149	.04233	.04413	2.0513	.21369	.10323
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01877	.39868	.04029	.04315	.01862	.0190	F .02669	F 3.2502
Stddev	.00126	.00428	.00057	.00126	.00252	.0012	.00024	.1971
%RSD	6.7156	1.0738	1.4122	2.9317	13.512	6.328	.90190	6.0640
#1	.01988	.39941	.04058	.04172	.02043	.0181	.02645	3.4778
#2	.01740	.39408	.04065	.04413	.01969	.0204	.02693	3.1377
#3	.01903	.40254	.03963	.04359	.01575	.0186	.02668	3.1351

Sample Name: LLCCV01 Acquired: 6/28/2019 11:31:16 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5519
Stddev .8895
%RSD 34.857

#1 1.9444
#2 3.5729
#3 2.1385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.4	29143.	2007.0	32.371	2865.3
Stddev	12.1	51.	10.3	.400	10.1
%RSD	.46296	.17614	.51483	1.2363	.35420

#1	2630.9	29124.	2003.1	32.600	2871.0
#2	2608.5	29105.	2018.7	31.909	2853.6
#3	2627.8	29202.	1999.1	32.605	2871.4

Sample Name: CCB01 Acquired: 6/28/2019 11:35:44 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	.00043	-.00088	-.00210	-.00103	-.02308	.00113	.00011
Stddev	.00180	.00118	.00111	.00364	.00095	.01730	.00013	.00005
%RSD	97.849	271.93	125.18	173.09	91.834	74.980	11.481	44.467
#1	-.00174	.00152	-.00159	.00078	-.00166	-.04135	.00128	.00005
#2	-.00009	.00061	-.00145	-.00089	.00006	-.00695	.00107	.00014
#3	-.00368	-.00082	.00039	-.00620	-.00149	-.02094	.00105	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01578	-.00024	-.00014	-.00037	.00120	-.00001	-.04535
Stddev	.00006	.01990	.00028	.00014	.00049	.00053	.00008	.06214
%RSD	123.99	126.17	117.31	101.02	130.87	44.298	732.82	137.01
#1	-.00004	.03457	.00000	-.00024	-.00023	.00172	-.00006	.01634
#2	-.00011	.01784	-.00017	.00002	-.00092	.00066	.00008	-.04448
#3	.00001	-.00508	-.00054	-.00021	.00003	.00122	-.00005	-.10793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00006	-.05169	.00015	-.00047	.02265	.00003	-.01935
Stddev	.00038	.00059	.00344	.00035	.00008	.04878	.00035	.02635
%RSD	486.83	1034.3	6.6521	225.69	17.333	215.31	1097.6	136.21
#1	.00047	-.00013	-.05381	.00038	-.00048	.00423	.00043	-.04481
#2	.00006	.00072	-.05354	-.00025	-.00054	-.01423	-.00023	-.02105
#3	-.00029	-.00042	-.04772	.00032	-.00038	.07796	-.00011	.00782
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.00194	-.00096	.00022	.00053	-.0017	-.00006	F 3.3484
Stddev	.00525	.00123	.00021	.00248	.00323	.0031	.00017	.1010
%RSD	491.11	63.434	21.545	1145.6	603.53	177.3	270.91	3.0169
#1	.00686	-.00334	-.00079	.00308	.00426	-.0038	.00013	3.4550
#2	-.00027	-.00106	-.00119	-.00113	-.00141	.0018	-.00019	3.3362
#3	-.00338	-.00141	-.00091	-.00129	-.00124	-.0033	-.00012	3.2541

Sample Name: CCB01 Acquired: 6/28/2019 11:35:44 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7131
Stddev	1.2712
%RSD	74.204

#1	2.5502
#2	.25035
#3	2.3386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.0	29229.	1986.9	34.233	2882.5
Stddev	4.0	59.	8.7	.564	5.2
%RSD	.15254	.20100	.43938	1.6466	.18093

#1	2618.5	29174.	1994.0	34.568	2878.1
#2	2620.0	29291.	1989.5	33.582	2888.3
#3	2612.5	29222.	1977.1	34.548	2881.2

Sample Name: LR CHECK 1 Acquired: 6/28/2019 11:41:41 Type: Unk
Method: P4-ICP2(v3241) 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	-.08270	.03388	.11567	-.18780	.09982	1811.4	.01206	.03909
Stddev	.00387	.00447	.00918	.00655	.00319	5.0	.00084	.00060
%RSD	4.6774	13.199	7.9409	3.4865	3.1998	.27726	6.9779	1.5283

#1	-.08136	.02888	.10943	-.19535	.09777	1809.7	.01279	.03978
#2	-.08706	.03749	.11135	-.18449	.10350	1817.1	.01114	.03867
#3	-.07968	.03527	.12621	-.18357	.09820	1807.4	.01224	.03882

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07417	1685.4	-.07558	.07500	.09501	875.89	-.00613	1841.8
Stddev	.00052	12.6	.00028	.00116	.00137	1.22	.00033	3.5
%RSD	.70328	.74823	.36432	1.5407	1.4432	.13912	5.4276	.18822

#1	.07388	1684.5	-.07575	.07498	.09615	877.22	-.00629	1841.3
#2	.07477	1673.2	-.07527	.07616	.09538	875.64	-.00575	1845.4
#3	.07385	1698.4	-.07574	.07385	.09349	874.82	-.00636	1838.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02169	-.17308	1833.7	.01849	.01958	1076.1	-.00197	-.18190
Stddev	.00236	.00064	13.1	.00042	.00117	2.9	.00145	.00345
%RSD	10.863	.37128	.71355	2.2862	5.9642	.26693	73.588	1.8969

#1	.02166	-.17379	1824.3	.01898	.01841	1077.7	-.00057	-.18410
#2	.01935	-.17253	1828.1	.01826	.02074	1077.8	-.00346	-.18367
#3	.02406	-.17294	1848.6	.01823	.01959	1072.8	-.00187	-.17792

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33656	-.00718	.10062	-.04959	.01539	.2045	-.94712	<.00000
Stddev	.00221	.00089	.00381	.00092	.00135	.0061	.00145	.17165
%RSD	.65789	12.346	3.7899	1.8497	8.7902	2.987	.15304	2.6238

#1	.33911	-.00622	.09622	-.05060	.01417	.2063	-.94853	-6.7402
#2	.33522	-.00796	.10297	-.04936	.01517	.1977	-.94720	-6.4352
#3	.33534	-.00736	.10268	-.04881	.01685	.2095	-.94564	-6.4513

Sample Name: LR CHECK 1 Acquired: 6/28/2019 11:41:41 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 3.0653
 %RSD 1.1036

#1 -277.92
 #2 -274.60
 #3 -280.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.4	22415.	1819.4	25.758	1495.5
Stddev	6.4	54.	15.8	.487	4.2
%RSD	.32004	.24027	.86694	1.8902	.28237

#1	1993.6	22366.	1816.0	25.325	1493.9
#2	1991.8	22408.	1836.6	25.666	1492.3
#3	2003.7	22473.	1805.7	26.285	1500.3

Sample Name: LR CHECK 2 Acquired: 6/28/2019 11:46:18 Type: Unk
Method: P4-ICP2(v3241) 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	-.00585	-.01459	256.85	.03115	-.03969	-.22006	F .01636	-.00168
Stddev	.00258	.00203	.29	.00140	.00416	.01478	.00056	.00010
%RSD	44.026	13.950	.11448	4.5097	10.486	6.7174	3.3985	5.6819
#1	-.00870	-.01259	257.10	.03012	-.04164	-.20602	.01622	-.00166
#2	-.00518	-.01666	256.92	.03058	-.03491	-.23548	.01588	-.00178
#3	-.00368	-.01452	256.52	.03275	-.04251	-.21868	.01697	-.00159
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00919	.36757	-.13135	.01068	240.18	-.77764	49.161	-.11186
Stddev	.00015	.01199	.00052	.00004	1.72	.00407	.094	.02976
%RSD	1.5979	3.2611	.39812	.33796	.71684	.52399	.19033	26.601
#1	-.00909	.37544	-.13184	.01065	238.99	-.77444	49.112	-.08983
#2	-.00913	.35378	-.13141	.01067	239.40	-.77625	49.269	-.10004
#3	-.00936	.37350	-.13080	.01072	242.16	-.78223	49.102	-.14571
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.425	.00655	.90265	-.22218	31.780	.77513	-.01269	-.00100
Stddev	.111	.00091	.05879	.00109	.030	.08211	.00028	.01560
%RSD	.21591	13.955	6.5126	.48974	.09309	10.593	2.1793	1564.0
#1	51.306	.00652	.95581	-.22274	31.811	.84867	-.01288	.01489
#2	51.443	.00748	.91261	-.22093	31.753	.79018	-.01237	-.00159
#3	51.526	.00565	.83952	-.22288	31.776	.68654	-.01281	-.01629
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13631	.01748	.00346	.01986	.00224	.3086	.00076	4.8556
Stddev	.00515	.00344	.00088	.00259	.00146	.0076	.00015	.1961
%RSD	3.7771	19.661	25.555	13.057	65.159	2.461	19.124	4.0395
#1	.13165	.02066	.00330	.01759	.00289	.3169	.00088	4.7004
#2	.14184	.01383	.00441	.02269	.00327	.3068	.00060	5.0760
#3	.13546	.01796	.00266	.01930	.00057	.3020	.00081	4.7903

Sample Name: LR CHECK 2 Acquired: 6/28/2019 11:46:18 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3485
Stddev	.8096
%RSD	60.041

#1	1.4574
#2	2.0982
#3	.48994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.8	30049.	2028.8	33.114	2681.3
Stddev	13.7	38.	17.4	.497	8.8
%RSD	.55307	.12743	.85848	1.4994	.32707

#1	2490.0	30081.	2021.6	32.805	2691.2
#2	2474.8	30061.	2048.7	33.686	2678.0
#3	2462.7	30007.	2016.2	32.850	2674.6

Sample Name: PB120976BS Acquired: 6/28/2019 11:53:18 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74508	1.9338	.95063	1.8687	.78484	1.8402	.20291
Stddev	.00229	.0044	.00148	.0022	.00135	.0353	.00189
%RSD	.30703	.22825	.15603	.11921	.17193	1.9170	.93043

#1	.74619	1.9303	.95231	1.8713	.78395	1.8058	.20166
#2	.74660	1.9323	.94953	1.8676	.78639	1.8384	.20199
#3	.74245	1.9388	.95003	1.8672	.78417	1.8763	.20508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19354	.18511	1.0844	.41342	.19500	.31879	3.1406
Stddev	.00053	.00030	.0136	.00039	.00015	.00009	.0047
%RSD	.27168	.16328	1.2536	.09532	.07859	.02687	.14953

#1	.19354	.18522	1.0756	.41297	.19486	.31869	3.1355
#2	.19406	.18477	1.1001	.41367	.19499	.31884	3.1448
#3	.19301	.18535	1.0776	.41363	.19516	.31885	3.1413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21282	1.9707	.48728	.07198	3.2674	.31181	.19650
Stddev	.00054	.0723	.00073	.00074	.0358	.00125	.00046
%RSD	.25357	3.6702	.14967	1.0286	1.0953	.40239	.23431

#1	.21256	1.8924	.48749	.07145	3.2422	.31038	.19698
#2	.21245	2.0350	.48647	.07166	3.2517	.31271	.19606
#3	.21344	1.9846	.48789	.07282	3.3084	.31235	.19646

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.123	.41210	.27829	F 1.6771	.87320	.66716	.20490
Stddev	.134	.00158	.01346	.0091	.00804	.00247	.00287
%RSD	1.3189	.38361	4.8354	.54469	.92097	.37074	1.3985

#1	10.010	.41030	.28183	1.6697	.86655	.66573	.20159
#2	10.089	.41327	.26342	1.6744	.88214	.66574	.20642
#3	10.271	.41273	.28963	1.6873	.87093	.67002	.20668

Sample Name: PB120976BS Acquired: 6/28/2019 11:53:18 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21534	5.343	F .25567	F 4.2566	F<.00000
Stddev	.00289	.010	.00133	.1009	.22541
%RSD	1.3442	.1862	.52150	2.3715	14.474
#1	.21840	5.354	.25443	4.3307	-1.3518
#2	.21265	5.342	.25708	4.1416	-1.7984
#3	.21498	5.334	.25551	4.2974	-1.5218
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.9	28883.	1940.7	31.336	2781.7
Stddev	3.3	28.	19.2	.871	5.9
%RSD	.12803	.09853	.99153	2.7799	.21344
#1	2553.3	28910.	1945.1	30.714	2775.4
#2	2559.6	28853.	1919.7	32.332	2787.1
#3	2557.8	28885.	1957.4	30.964	2782.7

Sample Name: PB120960BS Acquired: 6/28/2019 11:57:22 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73895	1.9454	.95966	1.8695	.78632	1.8322	.20314
Stddev	.00595	.0022	.00258	.0021	.00050	.0249	.00109
%RSD	.80569	.11463	.26913	.11444	.06333	1.3596	.53714
#1	.73969	1.9436	.95670	1.8715	.78599	1.8125	.20322
#2	.73266	1.9448	.96083	1.8672	.78689	1.8240	.20200
#3	.74450	1.9479	.96145	1.8699	.78608	1.8602	.20418
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19453	.18634	1.0729	.41093	.19689	.31973	3.1336
Stddev	.00019	.00041	.0035	.00016	.00082	.00092	.0097
%RSD	.09913	.21740	.32576	.03854	.41645	.28717	.30956
#1	.19469	.18596	1.0699	.41091	.19657	.32076	3.1332
#2	.19432	.18631	1.0720	.41110	.19628	.31939	3.1434
#3	.19459	.18677	1.0767	.41078	.19782	.31902	3.1240
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21357	2.0211	.48915	.07016	3.1531	.31077	.19796
Stddev	.00027	.0330	.00134	.00085	.0204	.00068	.00074
%RSD	.12829	1.6310	.27474	1.2060	.64725	.21916	.37502
#1	.21388	2.0573	.48776	.07038	3.1699	.31134	.19770
#2	.21340	2.0132	.49044	.07088	3.1304	.31096	.19738
#3	.21342	1.9928	.48927	.06923	3.1592	.31002	.19880
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9721	.41232	.30407	F 1.7338	.86664	.67138	.20571
Stddev	.1223	.00113	.02212	.0132	.01003	.00266	.00387
%RSD	1.2260	.27420	7.2762	.75866	1.1570	.39609	1.8793
#1	9.9879	.41128	.32655	1.7188	.86549	.66831	.20979
#2	9.8427	.41214	.28232	1.7434	.87719	.67285	.20210
#3	10.086	.41352	.30334	1.7390	.85724	.67298	.20524

Sample Name: PB120960BS Acquired: 6/28/2019 11:57:22 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21379	F 5.347	F .25263	F 4.3396	F<.00000
Stddev	.00565	.010	.00012	.1703	.26166
%RSD	2.6419	.1878	.04683	3.9251	37.489

#1	.21565	5.337	.25258	4.1641	-.40688
#2	.20744	5.357	.25255	4.3505	-.91365
#3	.21827	5.348	.25277	4.5043	-.77332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.9	29010.	1955.5	32.824	2779.9
Stddev	6.3	21.	12.1	1.213	6.1
%RSD	.24549	.07332	.61921	3.6964	.21876

#1	2558.0	28992.	1956.4	34.225	2773.1
#2	2570.3	29004.	1943.0	32.100	2784.7
#3	2566.6	29033.	1967.2	32.148	2782.0

Sample Name: PB121007BS Acquired: 6/28/2019 12:01:27 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79873	2.0585	1.0091	2.0957	.81507	1.8819	.20675
Stddev	.00702	.0065	.0017	.0004	.00036	.0124	.00064
%RSD	.87906	.31408	.17012	.01862	.04405	.66091	.30960

#1	.80348	2.0656	1.0109	2.0961	.81536	1.8678	.20601
#2	.80204	2.0570	1.0089	2.0954	.81467	1.8915	.20717
#3	.79066	2.0529	1.0075	2.0956	.81519	1.8863	.20706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21537	.19983	1.0999	.42856	.20335	.34149	3.2490
Stddev	.00023	.00019	.0386	.00038	.00028	.00081	.0074
%RSD	.10860	.09650	3.5056	.08771	.13919	.23854	.22713

#1	.21541	.19961	1.0707	.42853	.20364	.34169	3.2575
#2	.21512	.19988	1.0854	.42895	.20308	.34059	3.2450
#3	.21558	.19999	1.1436	.42820	.20332	.34219	3.2445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22255	2.0879	.51328	.07708	3.0325	.32142	.21306
Stddev	.00108	.0630	.00103	.00042	.0206	.00050	.00021
%RSD	.48521	3.0154	.20127	.53850	.67794	.15467	.09947

#1	.22377	2.0639	.51236	.07686	3.0309	.32195	.21297
#2	.22217	2.0405	.51440	.07681	3.0128	.32096	.21291
#3	.22172	2.1594	.51308	.07755	3.0538	.32137	.21331

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.290	.41664	.28852	F -.00461	.96885	.68388	.20294
Stddev	.021	.00160	.01096	.00277	.00553	.00158	.00411
%RSD	.20878	.38417	3.7983	60.199	.57057	.23101	2.0231

#1	10.268	.41614	.30107	-.00614	.96414	.68412	.19846
#2	10.291	.41534	.28365	-.00141	.97494	.68219	.20383
#3	10.311	.41843	.28085	-.00628	.96748	.68532	.20653

Sample Name: PB121007BS Acquired: 6/28/2019 12:01:27 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21242	F 5.699	F .26219	F 3.5108	F 1.2861
Stddev	.00215	.011	.00154	.3590	.3974
%RSD	1.0139	.1932	.58629	10.226	30.901
#1	.21106	5.709	.26101	3.8131	1.0719
#2	.21129	5.699	.26393	3.1140	1.7447
#3	.21490	5.687	.26162	3.6052	1.0418
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2705.4	30206.	2011.5	34.597	2945.7
Stddev	.4	61.	15.0	.213	2.2
%RSD	.01655	.20158	.74659	.61702	.07458
#1	2705.7	30250.	2024.3	34.518	2944.6
#2	2705.5	30232.	1995.0	34.839	2944.4
#3	2704.9	30137.	2015.2	34.434	2948.3

Sample Name: PB121001BS Acquired: 6/28/2019 12:05:33 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79921	2.0571	1.0094	2.0999	.82011	1.9022	.20769
Stddev	.00277	.0018	.0042	.0043	.00029	.0325	.00154
%RSD	.34713	.08644	.41765	.20355	.03480	1.7104	.74387

#1	.79878	2.0587	1.0143	2.1047	.81979	1.9020	.20685
#2	.80218	2.0574	1.0072	2.0964	.82018	1.8697	.20948
#3	.79668	2.0552	1.0068	2.0986	.82035	1.9348	.20675

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21467	.19965	1.1103	.42925	.20336	.34011	3.2611
Stddev	.00013	.00021	.0317	.00137	.00035	.00074	.0102
%RSD	.05953	.10507	2.8581	.31816	.17196	.21827	.31284

#1	.21461	.19986	1.0964	.42820	.20369	.33944	3.2495
#2	.21481	.19944	1.0878	.42874	.20300	.33997	3.2683
#3	.21458	.19965	1.1466	.43079	.20340	.34091	3.2656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22221	2.0652	.51292	.07776	3.0180	.32226	.21386
Stddev	.00064	.0841	.00009	.00095	.0299	.00123	.00066
%RSD	.28822	4.0714	.01703	1.2236	.99138	.38251	.31092

#1	.22147	1.9687	.51302	.07811	2.9988	.32345	.21402
#2	.22260	2.1044	.51286	.07848	3.0027	.32099	.21442
#3	.22256	2.1226	.51288	.07668	3.0525	.32235	.21312

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.334	.41704	.31089	F -.00323	.97254	.68603	.20520
Stddev	.017	.00116	.02200	.00249	.00906	.00189	.00162
%RSD	.16701	.27904	7.0771	77.189	.93107	.27598	.78773

#1	10.348	.41723	.32369	-.00360	.98294	.68737	.20686
#2	10.339	.41580	.32349	-.00551	.96642	.68387	.20511
#3	10.315	.41810	.28548	-.00057	.96825	.68687	.20363

Sample Name: PB121001BS Acquired: 6/28/2019 12:05:33 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21255	5.731	F .26360	F 3.5052	F 1.1906
Stddev	.00325	.024	.00196	.0509	2.6461
%RSD	1.5306	.4264	.74364	1.4525	222.25
#1	.21276	5.759	.26551	3.5607	-.52858
#2	.20919	5.716	.26159	3.4606	-.13729
#3	.21569	5.718	.26370	3.4945	4.2377
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.6	29864.	1986.2	34.089	2928.1
Stddev	14.7	82.	20.9	2.595	12.5
%RSD	.54623	.27301	1.0536	7.6130	.42650
#1	2704.9	29941.	1969.9	31.386	2942.3
#2	2684.5	29874.	2009.8	36.561	2923.2
#3	2676.4	29779.	1978.9	34.320	2918.8

Sample Name: PB121001BL Acquired: 6/28/2019 12:09:39 Type: Unk
Method: P4-ICP2(v3241) 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	.00191	.00084	.00457	.00215	.00061	.00885	.00113	.00009
Stddev	.00140	.00067	.00024	.00220	.00143	.00499	.00014	.00007
%RSD	73.601	80.507	5.2177	102.57	236.45	56.402	11.961	77.709

#1	.00342	.00054	.00460	.00450	.00201	.00949	.00128	.00009
#2	.00065	.00161	.00431	.00013	-.00086	.01349	.00109	.00016
#3	.00165	.00037	.00479	.00182	.00067	.00357	.00102	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01281	-.00006	.00010	.00008	.00202	.00008	-.03172
Stddev	.00019	.02495	.00053	.00010	.00061	.00031	.00001	.13658
%RSD	1318.6	194.75	916.42	100.76	743.21	15.389	16.617	430.60

#1	-.00023	.03165	.00051	.00005	-.00021	.00230	.00009	-.00073
#2	.00011	-.01549	-.00053	.00004	-.00033	.00206	.00006	-.18113
#3	.00007	.02228	-.00016	.00022	.00079	.00169	.00009	.08670

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00041	.13458	.00017	.00004	.06741	.00017	-.00486
Stddev	.00036	.00028	.01221	.00019	.00011	.03804	.00015	.01925
%RSD	46.260	67.671	9.0756	110.63	246.61	56.422	90.238	396.06

#1	-.00088	-.00037	.12196	.00038	-.00006	.05203	-.00000	-.02208
#2	-.00038	-.00015	.13543	.00003	.00004	.11073	.00022	.01592
#3	-.00108	-.00070	.14634	.00009	.00015	.03948	.00028	-.00842

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	-.00103	.00003	.00112	.00084	-.0023	.00003	4.1884
Stddev	.00316	.00204	.00096	.00333	.00354	.0005	.00011	.2019
%RSD	154.49	197.64	3709.8	297.33	421.04	22.52	398.36	4.8215

#1	-.00394	.00130	-.00050	-.00026	.00395	-.0020	-.00010	4.0083
#2	.00160	-.00190	-.00056	.00491	.00159	-.0029	.00006	4.4067
#3	-.00379	-.00249	.00114	-.00130	-.00301	-.0020	.00012	4.1501

Sample Name: PB121001BL Acquired: 6/28/2019 12:09:39 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5076
Stddev .6845
%RSD 27.297

#1 1.7179
#2 2.9324
#3 2.8724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.1	28122.	1916.0	32.029	2784.5
Stddev	5.0	99.	7.7	1.501	5.8
%RSD	.19533	.35247	.40285	4.6871	.20705

#1	2548.5	28036.	1920.1	32.655	2788.9
#2	2542.1	28100.	1907.1	30.316	2786.7
#3	2538.7	28230.	1920.9	33.116	2778.0

Sample Name: PB120976BL Acquired: 6/28/2019 12:14:06 Type: Unk
Method: P4-ICP2(v3241) 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	-.00132	.00071	.00333	-.00085	-.00041	.01209	.00180	.00006
Stddev	.00101	.00143	.00041	.00417	.00108	.00497	.00030	.00002
%RSD	76.468	202.52	12.259	494.01	264.27	41.118	16.655	39.559

#1	-.00216	.00156	.00319	.00395	.00003	.00636	.00178	.00004
#2	-.00160	.00150	.00379	-.00283	.00038	.01458	.00151	.00005
#3	-.00020	-.00094	.00301	-.00366	-.00163	.01532	.00211	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01263	-.00030	.00013	.00019	.00124	.00010	.00857
Stddev	.00003	.01258	.00034	.00016	.00026	.00027	.00006	.10277
%RSD	128.93	99.554	112.57	128.34	136.59	21.403	61.786	1199.5

#1	.00002	.01536	.00004	.00011	.00015	.00096	.00008	.03887
#2	.00005	.02362	-.00030	.00030	.00048	.00149	.00005	-.10595
#3	-.00001	-.00108	-.00064	-.00003	-.00004	.00126	.00016	.09278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.00074	.07868	.00040	-.00010	.05134	-.00029	-.00219
Stddev	.00014	.00073	.00378	.00057	.00009	.04801	.00055	.01174
%RSD	18.690	97.818	4.8006	142.82	91.828	93.516	187.14	536.93

#1	-.00090	.00003	.08182	.00105	.00000	.02914	-.00071	-.01521
#2	-.00075	-.00142	.07449	.00006	-.00013	.10644	-.00050	.00105
#3	-.00062	-.00084	.07973	.00008	-.00018	.01845	.00033	.00760

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00183	-.00051	.00132	-.00277	-.0037	-.00048	4.2284
Stddev	.00155	.00330	.00047	.00286	.00171	.0003	.00025	.2738
%RSD	296.37	180.33	93.465	215.89	61.775	8.941	51.316	6.4742

#1	-.00089	.00123	-.00006	.00308	-.00474	-.0038	-.00046	4.2579
#2	.00219	-.00139	-.00100	-.00198	-.00193	-.0034	-.00073	4.4862
#3	.00028	-.00534	-.00046	.00287	-.00164	-.0040	-.00024	3.9411

Sample Name: PB120976BL Acquired: 6/28/2019 12:14:06 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3696
Stddev .2745
%RSD 11.584

#1 2.6770
#2 2.2827
#3 2.1490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.9	28436.	1951.8	30.780	2788.0
Stddev	7.9	47.	5.8	1.042	5.6
%RSD	.31099	.16656	.29783	3.3854	.20171

#1	2546.5	28463.	1951.4	31.575	2782.5
#2	2550.5	28464.	1957.9	31.164	2787.7
#3	2561.8	28381.	1946.3	29.600	2793.8

Sample Name: K3545-01 Acquired: 6/28/2019 12:18:33 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	.00109	.10755	.00689	-.00105	2.2245	.13455	.00024
Stddev	.00105	.00198	.00042	.00134	.00078	.0303	.00074	.00006
%RSD	371.07	182.26	.38709	19.398	74.615	1.3604	.54959	23.830
#1	-.00085	.00193	.10802	.00790	-.00107	2.1990	.13371	.00018
#2	-.00092	-.00118	.10723	.00739	-.00026	2.2166	.13482	.00023
#3	.00093	.00250	.10740	.00538	-.00182	2.2580	.13511	.00030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	109.04	.00759	.00478	.06133	22.748	.67919	10.082
Stddev	.00004	.82	.00005	.00003	.00035	.078	.00039	.041
%RSD	7.5345	.75430	.62969	.69743	.57325	.34447	.05669	.41031
#1	-.00053	109.04	.00755	.00478	.06160	22.784	.67875	10.054
#2	-.00057	108.21	.00764	.00481	.06094	22.658	.67936	10.129
#3	-.00062	109.86	.00759	.00475	.06146	22.801	.67946	10.061
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00934	-.00107	153.74	.00895	.70056	9.0976	.00311	.03403
Stddev	.00090	.00062	.64	.00044	.00037	.0253	.00020	.02107
%RSD	9.6734	58.004	.41408	4.9623	.05341	.27756	6.3644	61.929
#1	.00963	-.00055	154.32	.00851	.70013	9.0716	.00333	.02965
#2	.00833	-.00090	153.06	.00940	.70074	9.1220	.00297	.01549
#3	.01007	-.00175	153.84	.00894	.70081	9.0994	.00301	.05695
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1127	F 11.319	.00224	.09264	.01619	1.535	.49805	3.8580
Stddev	.0047	.073	.00111	.00237	.00247	.003	.00363	.2531
%RSD	.11343	.64533	49.721	2.5541	15.238	.2149	.72884	6.5606
#1	4.1095	11.313	.00103	.08996	.01774	1.533	.49525	3.6583
#2	4.1104	11.249	.00323	.09350	.01334	1.532	.49675	4.1426
#3	4.1180	11.395	.00246	.09445	.01748	1.538	.50215	3.7729

Sample Name: K3545-01 Acquired: 6/28/2019 12:18:33 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.0523
Stddev	.9388
%RSD	10.370

#1	9.3990
#2	7.9895
#3	9.7685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.3	28977.	2067.0	33.206	2588.9
Stddev	6.0	88.	10.6	.433	7.3
%RSD	.23164	.30394	.51053	1.3045	.28110

#1	2607.6	28917.	2068.9	33.559	2597.1
#2	2595.5	29079.	2076.4	32.723	2586.5
#3	2600.9	28937.	2055.6	33.337	2583.2

Sample Name: K3582-01 Acquired: 6/28/2019 12:22:52 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07411	.00519	.09883	.00678	.00254	55.415	2.8491
Stddev	.00167	.00076	.00092	.00214	.00074	.188	.0031
%RSD	2.2507	14.602	.92954	31.574	29.195	.33851	.10737

#1	.07295	.00544	.09867	.00544	.00266	55.443	2.8518
#2	.07602	.00434	.09800	.00925	.00174	55.215	2.8458
#3	.07336	.00580	.09982	.00565	.00321	55.587	2.8496

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00258	31.086	.21750	.00419	.09561	137.99
Stddev	.00002	.00011	.149	.00164	.00030	.00055	.76
%RSD	.92309	4.1728	.47899	.75467	7.1256	.58045	.54825

#1	.00175	-.00268	31.056	.21939	.00400	.09524	138.82
#2	.00173	-.00259	31.247	.21667	.00453	.09535	137.79
#3	.00177	-.00247	30.954	.21644	.00402	.09625	137.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33414	3.8498	.00129	-.00813	11.536	.35402	1.3764
Stddev	.00117	.0780	.00058	.00060	.016	.00346	.0142
%RSD	.35133	2.0271	45.006	7.3666	.13437	.97728	1.0340

#1	.33536	3.9332	.00095	-.00843	11.523	.35800	1.3928
#2	.33405	3.7786	.00096	-.00852	11.532	.35232	1.3682
#3	.33301	3.8377	.00196	-.00744	11.553	.35174	1.3681

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9240	.00607	.76006	6.8318	1.4981	.01100	.38813
Stddev	.0754	.00022	.02255	.0628	.0187	.00057	.00501
%RSD	1.2726	3.5430	2.9667	.91874	1.2449	5.1861	1.2914

#1	5.9801	.00583	.73942	6.9005	1.4768	.01113	.38413
#2	5.8383	.00617	.78413	6.8177	1.5115	.01150	.39375
#3	5.9535	.00622	.75663	6.7774	1.5059	.01038	.38650

Sample Name: K3582-01 Acquired: 6/28/2019 12:22:52 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01508	1.932	.02877	1.1280	F<.00000
Stddev	.00191	.003	.00142	.1285	.47909
%RSD	12.696	.1606	4.9343	11.392	3.8848

#1	.01508	1.930	.02736	1.0193	-12.409
#2	.01317	1.935	.03020	1.0948	-12.768
#3	.01700	1.930	.02875	1.2698	-11.819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.3	32226.	2247.9	32.177	2615.4
Stddev	7.7	155.	17.5	.487	6.5
%RSD	.26567	.48109	.77994	1.5136	.24865

#1	2901.6	32047.	2238.9	32.699	2622.1
#2	2892.1	32313.	2236.7	31.735	2609.2
#3	2886.3	32318.	2268.1	32.096	2614.9

Sample Name: CCV02 Acquired: 6/28/2019 12:27:15 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15200 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0257	5.1173	5.0514	5.0556	5.0952	10.393	10.143	.25728
Stddev	.0161	.0074	.0045	.0133	.0244	.125	.052	.00084
%RSD	.32107	.14500	.08964	.26214	.47894	1.2060	.51525	.32745
#1	5.0330	5.1101	5.0563	5.0652	5.1038	10.336	10.096	.25644
#2	5.0369	5.1249	5.0505	5.0611	5.1141	10.306	10.134	.25812
#3	5.0072	5.1169	5.0474	5.0405	5.0677	10.536	10.199	.25730
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5251	25.175	1.0078	2.5327	1.2828	5.0931	2.5802	25.063
Stddev	.0033	.075	.0038	.0045	.0039	.0080	.0046	.322
%RSD	.12962	.29725	.37513	.17637	.30002	.15630	.17843	1.2844
#1	2.5222	25.088	1.0043	2.5312	1.2843	5.0862	2.5763	24.994
#2	2.5286	25.216	1.0074	2.5377	1.2856	5.1018	2.5791	24.781
#3	2.5245	25.219	1.0118	2.5291	1.2784	5.0913	2.5853	25.414
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5193	1.2630	25.179	2.5321	2.5200	25.623	5.1024	5.0917
Stddev	.0027	.0023	.126	.0007	.0050	.223	.0109	.0844
%RSD	.10666	.18073	.50057	.02638	.19703	.87200	.21423	1.6585
#1	2.5209	1.2612	25.061	2.5328	2.5182	25.445	5.1083	5.0209
#2	2.5208	1.2656	25.164	2.5317	2.5256	25.549	5.1091	5.0690
#3	2.5162	1.2622	25.312	2.5316	2.5162	25.874	5.0898	5.1851
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0291	4.9532	5.0416	5.0288	5.1193	5.117	5.3707	4.7568
Stddev	.0116	.0057	.0108	.0233	.0135	.007	.0086	.1803
%RSD	.22969	.11617	.21429	.46429	.26448	.1464	.16039	3.7903
#1	5.0178	4.9516	5.0540	5.0035	5.1069	5.109	5.3753	4.9182
#2	5.0409	4.9595	5.0362	5.0331	5.1337	5.122	5.3761	4.5622
#3	5.0285	4.9483	5.0346	5.0496	5.1171	5.122	5.3608	4.7900

Sample Name: CCV02 Acquired: 6/28/2019 12:27:15 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15200 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9340
Stddev	.3338
%RSD	11.377

#1	2.5700
#2	3.0061
#3	3.2258

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.9	27830.	1951.4	30.317	2500.1
Stddev	5.6	80.	7.8	1.390	3.3
%RSD	.22571	.28796	.40058	4.5858	.13206

#1	2474.6	27815.	1942.4	29.709	2496.3
#2	2483.0	27917.	1955.3	31.908	2502.3
#3	2485.1	27759.	1956.5	29.335	2501.6

Sample Name: CCB02 Acquired: 6/28/2019 12:31:13 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15200 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00077	.00160	.00231	-.00164	.02135	.00098	.00006
Stddev	.00097	.00088	.00071	.00141	.00237	.00643	.00026	.00005
%RSD	76.943	114.91	44.386	61.018	144.90	30.125	26.374	84.673
#1	-.00220	.00163	.00199	.00119	-.00388	.01715	.00094	.00004
#2	-.00026	.00079	.00203	.00389	-.00188	.01814	.00074	.00002
#3	-.00131	-.00013	.00078	.00184	.00085	.02875	.00125	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.02972	-.00012	.00009	.00056	.00109	-.00005	-.03056
Stddev	.00002	.01869	.00022	.00006	.00014	.00067	.00008	.06669
%RSD	21.076	62.880	179.01	71.189	24.486	61.637	176.78	218.20
#1	-.00009	.03832	-.00038	.00002	.00072	.00119	.00005	-.05492
#2	-.00011	.04257	.00003	.00011	.00047	.00171	-.00007	-.08165
#3	-.00007	.00828	-.00002	.00014	.00049	.00037	-.00012	.04488
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	-.00011	.07535	.00051	-.00031	.03351	.00037	-.00137
Stddev	.00024	.00071	.01607	.00007	.00008	.01908	.00046	.00745
%RSD	30.984	635.37	21.326	14.548	24.507	56.920	122.76	544.63
#1	-.00099	-.00058	.05911	.00059	-.00022	.04113	.00031	-.00997
#2	-.00051	-.00047	.09125	.00052	-.00035	.01181	.00086	.00271
#3	-.00080	.00071	.07570	.00044	-.00036	.04761	-.00005	.00315
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	.00053	.00008	-.00011	.00115	-.0031	-.00008	F 4.0139
Stddev	.00205	.00169	.00040	.00342	.00090	.0030	.00005	.0693
%RSD	74.776	320.20	523.35	3075.1	78.071	96.28	67.851	1.7270
#1	.00037	.00157	-.00019	-.00093	.00107	-.0031	-.00005	3.9558
#2	.00394	.00143	.00053	-.00305	.00029	-.0061	-.00004	4.0906
#3	.00389	-.00142	-.00011	.00364	.00208	-.0001	-.00014	3.9953

Sample Name: CCB02 Acquired: 6/28/2019 12:31:13 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15200 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6762
Stddev 1.4297
%RSD 53.423

#1 2.0757
#2 4.3083
#3 1.6447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2542.6	28439.	1950.0	33.658	2779.6
Stddev	7.1	53.	18.9	1.462	8.9
%RSD	.27883	.18692	.96873	4.3420	.31949

#1	2538.0	28408.	1940.2	33.245	2770.6
#2	2539.2	28500.	1971.8	35.282	2779.8
#3	2550.8	28409.	1938.0	32.448	2788.4

Sample Name: PB120960BL Acquired: 6/28/2019 12:42:24 Type: Unk
Method: P4-ICP2(v3241) 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	.00110	-.00071	.00222	.00102	.00018	-.00353	.00114	.00011
Stddev	.00335	.00150	.00078	.00124	.00123	.00656	.00020	.00005
%RSD	304.39	210.60	35.226	121.79	664.71	185.68	17.405	48.280

#1	-.00130	-.00114	.00132	.00219	-.00114	.00004	.00135	.00007
#2	-.00033	-.00196	.00271	.00116	.00042	-.01110	.00096	.00016
#3	.00492	.00096	.00263	-.00028	.00128	.00046	.00110	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01080	.00010	-.00015	.00009	.00157	.00003	.00528
Stddev	.00009	.03077	.00057	.00030	.00020	.00094	.00007	.07159
%RSD	427.81	284.84	583.91	202.74	218.40	59.826	243.14	1354.7

#1	-.00012	-.04552	.00052	-.00008	-.00009	.00062	-.00003	.04285
#2	.00007	.00001	-.00055	.00011	.00005	.00251	.00001	-.07727
#3	-.00001	.01310	.00032	-.00048	.00030	.00159	.00011	.05028

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00039	.01237	.00024	-.00043	.00703	-.00026	-.03424
Stddev	.00013	.00024	.01230	.00027	.00015	.02775	.00030	.01478
%RSD	29.446	61.943	99.409	111.32	34.849	394.79	115.34	43.155

#1	-.00036	-.00011	.00010	.00055	-.00047	-.01582	-.00060	-.01851
#2	-.00061	-.00055	.02470	.00010	-.00026	.03791	-.00007	-.04783
#3	-.00039	-.00051	.01231	.00007	-.00055	-.00100	-.00010	-.03640

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00044	.00022	-.00156	-.00118	-.0036	-.00038	4.3197
Stddev	.00165	.00097	.00034	.00204	.00232	.0013	.00011	.0833
%RSD	449.75	220.05	151.21	130.50	196.92	37.04	30.372	1.9293

#1	-.00200	.00060	.00045	.00062	-.00308	-.0022	-.00024	4.3463
#2	.00130	-.00060	-.00017	-.00343	.00141	-.0038	-.00045	4.3865
#3	-.00040	-.00133	.00039	-.00189	-.00186	-.0048	-.00044	4.2263

Sample Name: PB120960BL Acquired: 6/28/2019 12:42:24 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.65391
Stddev	1.0443
%RSD	159.70

#1	1.4677
#2	-.52357
#3	1.0176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.0	28193.	1936.4	32.092	2755.8
Stddev	9.7	19.	6.5	1.033	9.5
%RSD	.38693	.06623	.33764	3.2198	.34350

#1	2504.1	28171.	1931.8	32.725	2745.8
#2	2514.3	28204.	1933.6	30.900	2756.8
#3	2523.6	28203.	1943.9	32.652	2764.7

Sample Name: PB121007BL Acquired: 6/28/2019 12:46:54 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00012	.00180	.00120	-.00069	.00900	.00105	.00005
Stddev	.00145	.00137	.00059	.00277	.00167	.01565	.00026	.00005
%RSD	125.85	1142.5	32.694	230.59	241.90	173.95	25.150	102.42
#1	.00170	.00139	.00112	.00432	.00040	-.00346	.00135	.00000
#2	-.00049	-.00045	.00218	-.00094	.00014	.00389	.00097	.00005
#3	.00224	-.00130	.00208	.00021	-.00261	.02656	.00084	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.02446	-.00043	.00011	-.00012	.00174	-.00003	-.02040
Stddev	.00010	.01213	.00014	.00014	.00022	.00125	.00007	.01121
%RSD	93.150	49.582	31.757	131.03	177.00	72.000	257.87	54.980
#1	.00001	.02090	-.00049	.00015	-.00037	.00034	.00004	-.01244
#2	-.00018	.01450	-.00027	-.00005	.00003	.00276	-.00002	-.03322
#3	-.00014	.03796	-.00052	.00022	-.00003	.00212	-.00010	-.01553
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00021	.00525	.00033	-.00033	.03308	-.00009	-.00196
Stddev	.00042	.00014	.00693	.00014	.00007	.05403	.00018	.02269
%RSD	78.147	66.537	131.95	42.823	21.506	163.34	197.83	1156.0
#1	-.00080	-.00034	-.00073	.00043	-.00026	-.02896	-.00015	-.02132
#2	-.00005	-.00006	.00364	.00040	-.00040	.05842	.00011	-.00757
#3	-.00076	-.00023	.01284	.00017	-.00034	.06978	-.00023	.02300
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00249	.00011	-.00092	-.00015	-.0026	.00003	F 4.1893
Stddev	.00329	.00214	.00048	.00257	.00154	.0002	.00021	.1869
%RSD	402.56	85.952	456.34	279.52	1003.1	8.211	615.32	4.4609
#1	.00033	-.00465	-.00033	-.00388	-.00146	-.0027	.00016	4.2996
#2	-.00453	-.00246	.00062	.00062	.00154	-.0023	.00015	4.2948
#3	.00175	-.00037	.00003	.00051	-.00054	-.0027	-.00021	3.9735

Sample Name: PB121007BL Acquired: 6/28/2019 12:46:54 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3624
Stddev .0642
%RSD 4.7129

#1 1.3007
#2 1.4288
#3 1.3577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.6	28403.	1963.2	33.252	2771.0
Stddev	.7	84.	12.6	1.821	1.2
%RSD	.02823	.29540	.64086	5.4751	.04231

#1	2529.0	28325.	1964.6	33.225	2772.3
#2	2529.1	28492.	1950.0	35.086	2770.4
#3	2527.8	28392.	1975.0	31.445	2770.2

Sample Name: K3539-07 Acquired: 6/28/2019 12:51:22 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00855	.00249	.01872	.00293	.00054	.20652	.31196	.00023
Stddev	.00164	.00057	.00165	.00276	.00276	.04871	.00258	.00006
%RSD	19.206	22.940	8.8384	94.132	508.88	23.584	.82631	24.816

#1	.00797	.00219	.02061	.00460	-.00210	.15724	.31492	.00018
#2	.00728	.00315	.01801	-.00025	.00341	.20769	.31077	.00029
#3	.01041	.00214	.01754	.00444	.00032	.25463	.31020	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	201.88	-.00347	-.00012	.00586	.01780	.20941	556.00
Stddev	.00015	.94	.00057	.00013	.00048	.00122	.00066	4.26
%RSD	13.228	.46600	16.592	114.59	8.1803	6.8539	.31401	.76560

#1	-.00129	202.02	-.00319	-.00002	.00641	.01835	.20869	560.91
#2	-.00113	200.88	-.00308	-.00027	.00563	.01640	.20955	553.77
#3	-.00099	202.75	-.00413	-.00006	.00554	.01864	.20998	553.33

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00812	.00083	F 3826.5	.00131	.08868	284.21	.01740	1.9668
Stddev	.00063	.00052	26.5	.00011	.00016	1.58	.00056	.0326
%RSD	7.8171	62.195	.69175	8.6278	.17745	.55472	3.2340	1.6559

#1	-.00779	.00098	3856.2	.00144	.08851	286.00	.01797	1.9389
#2	-.00771	.00127	3818.1	.00124	.08873	283.02	.01685	1.9589
#3	-.00885	.00026	3805.3	.00125	.08881	283.61	.01738	2.0026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 504.52	4.9061	-.18410	-.00690	.08976	.3020	3.9679	6.9637
Stddev	2.42	.0593	.00054	.00455	.00182	.0041	.0240	.0096
%RSD	.47934	1.2095	.29379	65.890	2.0320	1.351	.60457	.13808

#1	506.60	4.8702	-.18459	-.00631	.08978	.3008	3.9676	6.9597
#2	505.10	4.8735	-.18352	-.00268	.08793	.2986	3.9441	6.9568
#3	501.87	4.9746	-.18419	-.01171	.09158	.3065	3.9921	6.9747

Sample Name: K3539-07 Acquired: 6/28/2019 12:51:22 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.301
Stddev	1.985
%RSD	12.179

#1	14.993
#2	15.324
#3	18.585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.8	23246.	1864.4	29.245	1925.3
Stddev	11.8	134.	11.7	.406	8.9
%RSD	.55512	.57642	.62683	1.3869	.46286

#1	2119.7	23092.	1866.8	29.285	1916.5
#2	2129.5	23335.	1874.7	29.629	1925.2
#3	2143.3	23310.	1851.7	28.821	1934.3

Sample Name: K3539-07DUP Acquired: 6/28/2019 12:55:51 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01308	.00247	.01917	.00790	-.00515	.17246	.31361	.00008
Stddev	.00295	.00039	.00014	.00182	.00248	.01727	.00127	.00000
%RSD	22.581	15.804	.70677	23.043	48.199	10.016	.40444	3.4362
#1	.01173	.00203	.01928	.00955	-.00483	.17205	.31221	.00008
#2	.01104	.00279	.01902	.00595	-.00778	.15540	.31468	.00008
#3	.01646	.00259	.01922	.00820	-.00284	.18994	.31395	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	201.54	-.00312	-.00015	.00580	.01824	.20905	554.59
Stddev	.00015	.60	.00033	.00014	.00021	.00144	.00019	1.96
%RSD	14.917	.29718	10.650	95.057	3.6517	7.9001	.09004	.35412
#1	-.00086	200.97	-.00319	-.00013	.00560	.01778	.20926	553.20
#2	-.00116	202.16	-.00276	-.00001	.00602	.01985	.20899	556.83
#3	-.00096	201.47	-.00342	-.00029	.00577	.01708	.20890	553.72
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00851	.00024	F 3809.9	.00130	.08771	286.29	.01709	1.9574
Stddev	.00024	.00069	3.1	.00047	.00025	1.60	.00025	.0161
%RSD	2.8159	292.82	.08204	36.063	.28890	.55945	1.4849	.82476
#1	-.00878	.00073	3811.4	.00076	.08782	284.55	.01737	1.9759
#2	-.00834	.00054	3811.9	.00163	.08789	287.70	.01705	1.9498
#3	-.00840	-.00055	3806.3	.00150	.08742	286.61	.01687	1.9464
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 502.14	4.9067	-.18298	-.00636	.09159	.3052	3.9673	7.0395
Stddev	.67	.0119	.00116	.00198	.00120	.0016	.0136	.0760
%RSD	.13383	.24314	.63568	31.180	1.3120	.5399	.34370	1.0792
#1	501.38	4.9123	-.18432	-.00407	.09021	.3033	3.9528	7.1165
#2	502.37	4.9148	-.18229	-.00753	.09223	.3062	3.9798	6.9646
#3	502.67	4.8930	-.18233	-.00749	.09235	.3061	3.9694	7.0373

Sample Name: K3539-07DUP Acquired: 6/28/2019 12:55:51 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.130
Stddev	.939
%RSD	6.2064

#1	15.164
#2	14.174
#3	16.051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.6	23170.	1862.7	28.877	1901.8
Stddev	8.0	19.	3.2	1.288	5.1
%RSD	.38154	.08208	.17352	4.4610	.26718

#1	2094.8	23189.	1859.0	29.786	1900.7
#2	2095.2	23151.	1864.4	29.442	1897.4
#3	2108.9	23172.	1864.7	27.403	1907.3

Sample Name: K3539-07LX5 Acquired: 6/28/2019 13:00:19 Type: Unk
Method: P4-ICP2(v3241) 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	.00192	.00065	.01045	.00325	-.00252	.05898	.06063	.00016
Stddev	.00156	.00232	.00040	.00129	.00310	.02551	.00099	.00004
%RSD	81.248	358.41	3.8054	39.619	122.73	43.249	1.6334	23.689
#1	.00295	.00163	.01067	.00178	-.00407	.06536	.05949	.00014
#2	.00013	.00231	.01068	.00382	.00104	.03089	.06114	.00015
#3	.00267	-.00200	.00999	.00416	-.00454	.08070	.06126	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	42.814	.00526	-.00018	.00194	.03055	.04353	106.38
Stddev	.00013	.223	.00025	.00023	.00028	.00144	.00005	1.50
%RSD	28.878	.52144	4.7001	126.77	14.472	4.7121	.12516	1.4085
#1	-.00062	42.919	.00539	-.00044	.00202	.03133	.04351	104.86
#2	-.00041	42.558	.00497	-.00004	.00163	.02889	.04349	107.86
#3	-.00037	42.965	.00541	-.00005	.00217	.03143	.04359	106.41
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00274	.00045	775.34	.00072	.01735	52.152	.00376	.35490
Stddev	.00062	.00092	9.32	.00035	.00005	.418	.00065	.02654
%RSD	22.560	202.23	1.2024	48.945	.27357	.80159	17.270	7.4774
#1	-.00343	.00011	773.98	.00077	.01740	52.008	.00443	.38532
#2	-.00256	-.00024	785.27	.00035	.01735	52.623	.00313	.34292
#3	-.00223	.00149	766.77	.00105	.01730	51.825	.00373	.33647
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.122	1.0139	-.03037	-.00123	.03554	.0538	.81914	5.9983
Stddev	.225	.0205	.00156	.00337	.00076	.0028	.00728	.0877
%RSD	.24721	2.0268	5.1374	274.31	2.1462	5.258	.88860	1.4612
#1	91.091	1.0366	-.02955	-.00496	.03517	.0509	.82664	5.9021
#2	91.361	.99651	-.03217	.00159	.03642	.0566	.81211	6.0735
#3	90.914	1.0086	-.02939	-.00031	.03504	.0538	.81865	6.0193

Sample Name: K3539-07LX5 Acquired: 6/28/2019 13:00:19 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.024
Stddev	.425
%RSD	3.5322

#1	12.370
#2	11.550
#3	12.153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.0	25236.	1883.4	30.399	2206.0
Stddev	11.8	96.	24.6	.489	8.5
%RSD	.51820	.37948	1.3047	1.6098	.38639

#1	2270.1	25231.	1855.7	30.307	2201.5
#2	2279.5	25143.	1902.5	29.963	2200.6
#3	2293.6	25335.	1892.1	30.929	2215.8

Sample Name: K3539-07MS Acquired: 6/28/2019 13:04:50 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0050	2.2402	1.2110	2.5110	.98134	2.7920	.58536	.27242
Stddev	.0025	.0028	.0029	.0116	.00657	.0462	.00215	.00149
%RSD	.24626	.12674	.23951	.46038	.66985	1.6543	.36678	.54806
#1	1.0072	2.2370	1.2109	2.5171	.97636	2.7397	.58434	.27072
#2	1.0055	2.2423	1.2081	2.4977	.97887	2.8091	.58782	.27354
#3	1.0024	2.2414	1.2139	2.5182	.98879	2.8272	.58391	.27299
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24075	210.56	.45461	.24691	.34120	3.4757	.44536	571.23
Stddev	.00024	.20	.00076	.00118	.00078	.0131	.00161	3.45
%RSD	.09776	.09539	.16750	.47738	.22714	.37563	.36140	.60447
#1	.24101	210.77	.45549	.24712	.34207	3.4607	.44359	571.04
#2	.24069	210.37	.45414	.24564	.34060	3.4844	.44673	574.77
#3	.24055	210.54	.45421	.24797	.34091	3.4819	.44577	567.87
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59437	.09302	F 3860.5	.36128	.34361	307.99	.47160	2.3927
Stddev	.00170	.00106	40.8	.00234	.00058	1.54	.00036	.0335
%RSD	.28640	1.1415	1.0556	.64901	.17025	.49909	.07578	1.4013
#1	.59349	.09180	3815.8	.35864	.34327	307.22	.47200	2.3955
#2	.59330	.09352	3895.6	.36312	.34327	309.76	.47150	2.4246
#3	.59634	.09373	3870.0	.36208	.34428	306.99	.47131	2.3578
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 515.77	6.0824	.67950	.22158	.36642	9.353	4.4038	7.3992
Stddev	.62	.0143	.00246	.00384	.00277	.009	.0078	.0421
%RSD	.12031	.23547	.36194	1.7328	.75532	.0995	.17702	.56943
#1	516.31	6.0834	.67669	.21954	.36595	9.349	4.3949	7.3594
#2	515.91	6.0676	.68126	.21918	.36392	9.346	4.4076	7.4433
#3	515.09	6.0962	.68056	.22601	.36940	9.364	4.4090	7.3949

Sample Name: K3539-07MS Acquired: 6/28/2019 13:04:50 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.365
Stddev	1.903
%RSD	12.385

#1	16.326
#2	16.595
#3	13.173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.5	23306.	1844.5	29.754	1901.9
Stddev	5.5	99.	11.5	.188	2.4
%RSD	.25834	.42608	.62589	.63120	.12418

#1	2113.9	23420.	1849.8	29.782	1899.3
#2	2117.1	23257.	1852.5	29.553	1902.7
#3	2124.6	23241.	1831.2	29.925	1903.8

Sample Name: K3539-07MSD Acquired: 6/28/2019 13:09:03 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0117	2.2425	1.2206	2.5211	.98912	2.7679	.58250	.27294
Stddev	.0038	.0131	.0011	.0022	.00798	.0310	.00569	.00035
%RSD	.37798	.58478	.08893	.08677	.80703	1.1194	.97719	.12798
#1	1.0093	2.2274	1.2210	2.5234	.99091	2.7333	.57606	.27286
#2	1.0097	2.2482	1.2215	2.5191	.99606	2.7930	.58686	.27332
#3	1.0161	2.2517	1.2194	2.5208	.98040	2.7774	.58457	.27264
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24166	212.50	.45727	.24696	.34147	3.4883	.44741	570.94
Stddev	.00054	.19	.00132	.00134	.00052	.0085	.00087	3.44
%RSD	.22505	.09172	.28819	.54141	.15348	.24313	.19451	.60324
#1	.24121	212.52	.45617	.24557	.34088	3.4956	.44833	567.18
#2	.24226	212.30	.45873	.24707	.34167	3.4903	.44730	571.69
#3	.24152	212.69	.45690	.24824	.34187	3.4790	.44660	573.95
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59697	.09500	F 3847.1	.36369	.34506	308.94	.47378	2.3884
Stddev	.00201	.00082	12.6	.00250	.00028	2.08	.00151	.0372
%RSD	.33682	.86586	.32754	.68813	.08142	.67447	.31857	1.5579
#1	.59516	.09467	3861.5	.36544	.34522	306.62	.47340	2.3493
#2	.59914	.09440	3838.5	.36082	.34523	309.54	.47544	2.3927
#3	.59661	.09594	3841.1	.36480	.34474	310.66	.47250	2.4233
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 519.04	6.1864	.68119	.22458	.37160	9.382	4.4397	7.6018
Stddev	.69	.0466	.00438	.00298	.00209	.021	.0055	.0712
%RSD	.13198	.75282	.64239	1.3269	.56252	.2285	.12447	.93591
#1	518.82	6.2402	.67897	.22395	.36941	9.361	4.4382	7.5720
#2	519.81	6.1578	.68623	.22782	.37358	9.382	4.4351	7.5505
#3	518.49	6.1613	.67837	.22196	.37182	9.404	4.4458	7.6830

Sample Name: K3539-07MSD Acquired: 6/28/2019 13:09:03 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.342
Stddev	.222
%RSD	1.6668

#1	13.093
#2	13.413
#3	13.520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.8	23300.	1824.9	29.690	1896.6
Stddev	1.9	44.	11.8	1.204	1.4
%RSD	.08963	.18765	.64863	4.0563	.07614

#1	2110.7	23309.	1812.8	28.493	1897.5
#2	2113.3	23339.	1836.4	30.902	1897.3
#3	2114.3	23253.	1825.4	29.675	1894.9

Sample Name: K3539-07A Acquired: 6/28/2019 13:13:15 Type: Unk
Method: P4-ICP2(v3241) 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	1.0203	2.2544	1.2217	2.5297	.99778	2.8962	.60801	.28277
Stddev	.0047	.0015	.0042	.0038	.00616	.2176	.02837	.01519
%RSD	.46308	.06635	.33933	.15175	.61735	7.5120	4.6661	5.3728
#1	1.0242	2.2534	1.2173	2.5320	.99874	2.7145	.58818	.27426
#2	1.0218	2.2536	1.2255	2.5319	1.0034	2.8369	.59533	.27375
#3	1.0151	2.2561	1.2223	2.5253	.99119	3.1373	.64050	.30032
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24274	212.37	.47301	.24827	.34470	3.6079	.46279	595.32
Stddev	.00009	1.12	.02399	.00059	.00147	.1873	.02427	30.36
%RSD	.03563	.52556	5.0718	.23922	.42769	5.1918	5.2435	5.0994
#1	.24264	211.74	.45791	.24783	.34582	3.5030	.44814	576.35
#2	.24277	211.72	.46044	.24804	.34525	3.4966	.44944	579.28
#3	.24280	213.66	.50067	.24895	.34303	3.8242	.49080	630.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59917	.09758	F 3958.8	.37540	.34970	321.97	.47773	2.4915
Stddev	.00196	.00586	193.0	.01890	.00021	16.02	.00108	.1085
%RSD	.32780	6.0017	4.8759	5.0358	.05903	4.9751	.22683	4.3547
#1	.60090	.09382	3856.0	.36475	.34950	311.96	.47896	2.4065
#2	.59958	.09459	3838.9	.36422	.34968	313.50	.47728	2.4543
#3	.59704	.10433	4181.4	.39722	.34991	340.44	.47694	2.6137
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 525.50	6.1716	.68278	.22267	.37151	9.442	4.4486	7.7337
Stddev	.24	.0405	.00374	.00194	.00447	.011	.0230	.5911
%RSD	.04604	.65670	.54753	.86967	1.2038	.1212	.51799	7.6427
#1	525.78	6.1541	.68390	.22043	.36672	9.433	4.4409	7.4835
#2	525.35	6.1427	.67861	.22378	.37558	9.454	4.4305	7.3089
#3	525.38	6.2179	.68583	.22380	.37222	9.438	4.4746	8.4087

Sample Name: K3539-07A Acquired: 6/28/2019 13:13:15 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.930
Stddev	.197
%RSD	1.4156

#1	13.708
#2	14.082
#3	14.001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.0	22592.	1837.7	30.469	1886.4
Stddev	5.8	1036.	7.3	1.983	3.6
%RSD	.27744	4.5852	.39574	6.5072	.19157

#1	2096.0	23185.	1835.4	30.872	1883.4
#2	2097.4	23195.	1845.8	28.316	1885.3
#3	2106.7	21396.	1831.8	32.220	1890.4

Sample Name: K3539-08 Acquired: 6/28/2019 13:17:28 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-B-UNTRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01216	.00277	.01912	.00631	.00279	.47223	.32528	.00015
Stddev	.00414	.00225	.00193	.00183	.00266	.01277	.00287	.00012
%RSD	34.070	81.257	10.118	28.963	95.476	2.7040	.88296	80.512
#1	.01318	.00408	.01702	.00447	.00585	.48671	.32218	.00001
#2	.00760	.00017	.01950	.00634	.00150	.46259	.32582	.00023
#3	.01569	.00406	.02083	.00812	.00101	.46739	.32785	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	204.43	-.00356	-.00019	.00413	.02304	.21947	579.15
Stddev	.00011	12.47	.00032	.00012	.00046	.00151	.00150	4.31
%RSD	11.313	6.1004	8.8635	64.878	11.070	6.5450	.68553	.74361
#1	-.00111	190.12	-.00372	-.00015	.00364	.02450	.22014	574.44
#2	-.00097	213.00	-.00320	-.00032	.00454	.02311	.22052	582.89
#3	-.00089	210.15	-.00376	-.00009	.00421	.02149	.21774	580.12
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00837	.00025	F 3864.2	.00177	.32855	300.51	.01853	2.0723
Stddev	.00033	.00070	28.9	.00070	.00141	1.86	.00035	.0171
%RSD	3.9515	285.19	.74802	39.245	.42908	.62007	1.9065	.82773
#1	-.00801	-.00034	3848.2	.00167	.32886	298.37	.01894	2.0620
#2	-.00845	.00102	3897.5	.00252	.32701	301.73	.01836	2.0629
#3	-.00866	.00005	3846.7	.00114	.32978	301.43	.01830	2.0921
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 526.89	4.9888	-.19148	-.00934	.09035	.3211	4.0247	7.4724
Stddev	5.53	.2631	.00254	.00194	.00580	.0031	.2476	.1444
%RSD	1.0492	5.2729	1.3247	20.759	6.4158	.9747	6.1516	1.9329
#1	524.69	4.6876	-.18891	-.01117	.08369	.3184	3.7429	7.3349
#2	522.79	5.1735	-.19156	-.00956	.09429	.3203	4.2074	7.4595
#3	533.17	5.1053	-.19398	-.00730	.09307	.3245	4.1239	7.6229

Sample Name: K3539-08 Acquired: 6/28/2019 13:17:28 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-J-B-UNTRE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.578
Stddev	.720
%RSD	5.7258

#1	12.343
#2	12.005
#3	13.386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.9	22982.	1895.8	29.288	1893.7
Stddev	23.8	58.	100.6	2.166	20.5
%RSD	1.1341	.25281	5.3053	7.3954	1.0821

#1	2108.6	22953.	2010.6	31.696	1901.9
#2	2116.3	22945.	1823.1	27.497	1908.9
#3	2071.8	23049.	1853.7	28.672	1870.4

Sample Name: K3539-09 Acquired: 6/28/2019 13:21:58 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-SETTL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01005	.00241	.01632	.00560	.00140	.14221	.31410	.00021
Stddev	.00375	.00057	.00205	.00112	.00052	.02687	.00068	.00004
%RSD	37.271	23.583	12.534	19.982	37.317	18.896	.21563	21.123
#1	.01427	.00179	.01680	.00447	.00154	.12579	.31423	.00024
#2	.00879	.00290	.01809	.00671	.00082	.17323	.31469	.00022
#3	.00710	.00255	.01408	.00563	.00184	.12762	.31336	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	183.24	-.00234	.00018	.00763	.00711	.20577	466.60
Stddev	.00011	.47	.00014	.00036	.00039	.00062	.00105	2.41
%RSD	11.276	.25449	5.7926	197.19	5.1088	8.7860	.51070	.51710
#1	-.00100	182.72	-.00239	.00053	.00739	.00668	.20483	464.52
#2	-.00082	183.36	-.00245	-.00018	.00808	.00682	.20691	466.03
#3	-.00101	183.63	-.00219	.00019	.00741	.00783	.20557	469.24
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00605	-.00000	F 3257.8	.00187	.07403	255.17	.01570	1.6809
Stddev	.00036	.00049	33.6	.00068	.00019	.67	.00049	.0226
%RSD	5.9668	23743.	1.0300	36.452	.26006	.26383	3.1352	1.3424
#1	-.00581	.00051	3219.2	.00211	.07381	254.46	.01538	1.6890
#2	-.00587	-.00004	3273.8	.00241	.07409	255.25	.01546	1.6983
#3	-.00647	-.00048	3280.3	.00111	.07418	255.80	.01627	1.6554
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 419.01	5.2397	-.15274	-.00849	.08087	.2245	3.4273	6.9815
Stddev	1.75	.0315	.00010	.00446	.00231	.0056	.0064	.0221
%RSD	.41850	.60035	.06726	52.546	2.8563	2.499	.18718	.31675
#1	420.81	5.2269	-.15283	-.00936	.07950	.2267	3.4208	6.9954
#2	417.30	5.2756	-.15274	-.00366	.07958	.2182	3.4336	6.9560
#3	418.91	5.2167	-.15263	-.01245	.08354	.2287	3.4275	6.9930

Sample Name: K3539-09 Acquired: 6/28/2019 13:21:58 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-SETTL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.810
Stddev	.568
%RSD	4.1118

#1	14.444
#2	13.641
#3	13.347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.6	23461.	1864.5	30.582	1948.9
Stddev	8.0	40.	3.5	1.175	9.9
%RSD	.37593	.17238	.18789	3.8426	.50545

#1	2131.9	23424.	1860.7	29.339	1940.2
#2	2147.9	23504.	1867.7	31.675	1959.6
#3	2138.9	23455.	1865.0	30.732	1946.8

Sample Name: CCV03 Acquired: 6/28/2019 13:26:29 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1861	5.2743	5.2232	5.1941	5.2689	10.588	10.375
Stddev	.0040	.0218	.0048	.0283	.0064	.114	.069
%RSD	.07769	.41362	.09147	.54408	.12108	1.0767	.66890

#1	5.1900	5.2936	5.2259	5.2138	5.2751	10.522	10.357
#2	5.1863	5.2506	5.2177	5.1617	5.2623	10.720	10.452
#3	5.1819	5.2786	5.2261	5.2068	5.2694	10.524	10.317

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26548	2.5991	25.634	1.0289	2.6134	1.3163	5.1958
Stddev	.00081	.0019	.149	.0032	.0025	.0056	.0054
%RSD	.30350	.07212	.58209	.31433	.09601	.42297	.10392

#1	.26535	2.6005	25.475	1.0306	2.6154	1.3191	5.1914
#2	.26634	2.5970	25.657	1.0309	2.6106	1.3099	5.2018
#3	.26474	2.5999	25.770	1.0251	2.6143	1.3200	5.1941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6443	25.733	2.5910	1.2934	F 31.211	2.5757	2.6066
Stddev	.0050	.290	.0025	.0064	.361	.0026	.0023
%RSD	.18845	1.1275	.09746	.49739	1.1560	.10250	.08837

#1	2.6457	25.541	2.5933	1.2947	31.325	2.5769	2.6072
#2	2.6485	26.067	2.5883	1.2991	31.500	2.5776	2.6085
#3	2.6388	25.591	2.5913	1.2865	30.807	2.5727	2.6040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.747	5.2564	5.1679	5.3617	5.1177	5.1965	5.1615
Stddev	.290	.0141	.0476	.0094	.0394	.0030	.0131
%RSD	1.0440	.26845	.92090	.17577	.76938	.05733	.25306

#1	27.709	5.2702	5.1474	5.3724	5.1089	5.1998	5.1479
#2	28.054	5.2420	5.2223	5.3578	5.0835	5.1941	5.1627
#3	27.478	5.2571	5.1340	5.3547	5.1608	5.1955	5.1739

Sample Name: CCV03 Acquired: 6/28/2019 13:26:29 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2405	5.300	5.4949	4.9454	F<.00000
Stddev	.0123	.004	.0154	.0248	.80145
%RSD	.23449	.0855	.28052	.50091	178.71
#1	5.2340	5.304	5.4912	4.9625	.04575
#2	5.2328	5.301	5.4817	4.9567	-.01799
#3	5.2547	5.295	5.5118	4.9170	-1.3732
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.7	27145.	1897.7	30.084	2432.6
Stddev	6.0	169.	13.9	.516	3.0
%RSD	.24986	.62231	.73070	1.7142	.12427
#1	2412.0	26998.	1884.7	30.272	2429.1
#2	2424.0	27106.	1912.3	30.479	2434.3
#3	2416.9	27330.	1896.2	29.501	2434.4

Sample Name: CCB03 Acquired: 6/28/2019 13:30:27 Type: Unk
Method: P4-ICP2(v3241) 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	-.00208	.00032	.00175	-.00014	-.00035	.00851	.00147	.00006
Stddev	.00177	.00137	.00102	.00433	.00146	.02916	.00044	.00004
%RSD	84.984	430.26	58.462	3190.0	420.53	342.72	29.710	58.623
#1	-.00169	-.00112	.00170	.00102	.00133	-.01893	.00102	.00005
#2	-.00400	.00047	.00280	-.00492	-.00101	.03912	.00152	.00003
#3	-.00054	.00160	.00075	.00350	-.00136	.00533	.00189	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00465	-.00027	.00012	.00029	.00157	-.00002	-.05711
Stddev	.00006	.02053	.00047	.00010	.00018	.00055	.00008	.05880
%RSD	58.554	441.25	172.74	79.779	60.622	35.339	513.12	102.97
#1	-.00004	-.02544	-.00054	.00002	.00025	.00093	-.00006	-.12359
#2	-.00016	-.00413	.00027	.00021	.00015	.00186	.00008	-.01191
#3	-.00012	.01561	-.00055	.00014	.00049	.00191	-.00006	-.03582
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00068	F 2.6364	.00025	-.00048	F .69912	.00053	.01212
Stddev	.00040	.00040	.1182	.00027	.00009	.02994	.00022	.02415
%RSD	68.952	59.309	4.4833	105.60	18.363	4.2828	40.708	199.31
#1	-.00057	-.00094	2.7550	.00018	-.00059	.72449	.00077	.00217
#2	-.00098	-.00088	2.6358	.00003	-.00043	.70679	.00045	.03966
#3	-.00018	-.00022	2.5186	.00055	-.00043	.66609	.00037	-.00547
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05663	.00386	.00118	-.00159	F .00582	-.0025	.00007	F 4.3897
Stddev	.00658	.00343	.00059	.00315	.00121	.0008	.00018	.1836
%RSD	11.623	88.901	49.899	197.31	20.814	31.62	269.59	4.1833
#1	.06286	.00282	.00066	-.00166	.00679	-.0018	.00008	4.5553
#2	.04975	.00107	.00105	.00159	.00446	-.0022	.00024	4.4215
#3	.05727	.00769	.00182	-.00470	.00621	-.0033	-.00012	4.1922

Sample Name: CCB03 Acquired: 6/28/2019 13:30:27 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .46847
 Stddev 1.0458
 %RSD 223.23

#1 1.5597
 #2 -.52503
 #3 .37077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.2	27994.	1919.8	31.795	2733.1
Stddev	11.7	112.	24.6	.476	12.3
%RSD	.46902	.39984	1.2804	1.4984	.44990

#1	2485.4	27962.	1945.3	32.025	2723.9
#2	2491.9	27902.	1917.9	31.248	2728.3
#3	2508.1	28119.	1896.2	32.114	2747.1

Sample Name: K3539-10 Acquired: 6/28/2019 13:34:56 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-B-SETTL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	.00107	.01582	-.00105	-.00179	.14176	.30902	.00025
Stddev	.00694	.00108	.00159	.00142	.00127	.00431	.00192	.00006
%RSD	90.641	100.42	10.048	134.63	70.875	3.0437	.62233	24.046
#1	.00813	.00223	.01399	.00025	-.00034	.13843	.30681	.00031
#2	.00049	.00089	.01685	-.00084	-.00236	.14664	.30989	.00019
#3	.01435	.00010	.01661	-.00257	-.00267	.14022	.31035	.00027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	180.26	-.00278	.00018	.00655	.00693	.20061	454.10
Stddev	.00012	.80	.00044	.00030	.00025	.00078	.00024	2.02
%RSD	13.242	.44163	16.000	171.88	3.7851	11.234	.12104	.44395
#1	-.00107	181.10	-.00322	.00052	.00639	.00764	.20067	454.36
#2	-.00088	179.51	-.00233	-.00000	.00683	.00707	.20034	455.98
#3	-.00083	180.15	-.00278	.00001	.00642	.00610	.20081	451.97
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00595	.00092	F 3216.2	.00271	.07041	246.95	.01563	1.6289
Stddev	.00062	.00072	20.9	.00036	.00020	1.23	.00014	.0666
%RSD	10.356	78.619	.65027	13.248	.27814	.49671	.88782	4.0877
#1	-.00528	.00141	3229.0	.00311	.07062	246.30	.01549	1.5521
#2	-.00649	.00009	3227.5	.00243	.07023	248.37	.01564	1.6705
#3	-.00609	.00127	3192.1	.00259	.07038	246.19	.01577	1.6640
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 409.63	5.1267	-.14863	-.00669	.07759	.2279	3.3604	6.8814
Stddev	2.11	.0207	.00095	.00191	.00439	.0029	.0124	.1393
%RSD	.51447	.40434	.64063	28.589	5.6562	1.291	.36959	2.0242
#1	410.79	5.1364	-.14833	-.00578	.07511	.2294	3.3690	6.9905
#2	407.20	5.1029	-.14787	-.00889	.07500	.2246	3.3462	6.9293
#3	410.91	5.1408	-.14970	-.00541	.08266	.2298	3.3660	6.7245

Sample Name: K3539-10 Acquired: 6/28/2019 13:34:56 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-J-B-SETTL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.371
Stddev	.414
%RSD	2.3821

#1	17.847
#2	17.166
#3	17.100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.0	23626.	1863.4	29.564	1963.0
Stddev	4.5	86.	14.8	2.101	3.8
%RSD	.20907	.36491	.79580	7.1051	.19591

#1	2152.5	23559.	1848.3	27.979	1960.2
#2	2150.5	23595.	1877.9	31.947	1967.4
#3	2143.9	23723.	1864.0	28.767	1961.5

Sample Name: K3539-11 Acquired: 6/28/2019 13:39:28 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01304	.00348	.02239	.00486	.00231	.15085	.25648	.00010
Stddev	.00307	.00171	.00102	.00279	.00227	.01760	.00171	.00010
%RSD	23.524	49.294	4.5632	57.454	98.397	11.665	.66829	101.93
#1	.01003	.00376	.02299	.00259	.00467	.16629	.25520	-.00001
#2	.01294	.00504	.02297	.00798	.00212	.15457	.25582	.00017
#3	.01616	.00164	.02121	.00402	.00014	.13169	.25843	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	267.35	-.00352	.00017	.00966	.01776	.07583	915.68
Stddev	.00010	1.30	.00065	.00076	.00034	.00048	.00022	6.75
%RSD	8.9787	.48541	18.579	445.15	3.4885	2.7019	.29504	.73737
#1	-.00107	266.35	-.00374	-.00014	.00928	.01745	.07563	909.67
#2	-.00112	266.89	-.00403	.00104	.00978	.01751	.07578	914.40
#3	-.00127	268.82	-.00278	-.00039	.00992	.01831	.07607	922.99
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01261	-.00005	F 5791.9	.00432	.06439	335.93	.02074	2.9282
Stddev	.00044	.00069	58.4	.00072	.00048	1.77	.00072	.0274
%RSD	3.4816	1477.1	1.0084	16.584	.73964	.52712	3.4474	.93461
#1	-.01297	.00058	5855.2	.00350	.06494	334.47	.02058	2.9014
#2	-.01212	-.00078	5740.2	.00466	.06409	335.42	.02012	2.9561
#3	-.01274	.00006	5780.2	.00481	.06414	337.90	.02153	2.9272
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 821.10	3.7587	-.30051	-.01054	.12865	.2122	6.1442	7.8980
Stddev	3.87	.0041	.00227	.00189	.00143	.0065	.0308	.0277
%RSD	.47106	.10989	.75601	17.930	1.1077	3.047	.50201	.35037
#1	825.56	3.7571	-.30313	-.01249	.12900	.2190	6.1308	7.8718
#2	818.65	3.7556	-.29932	-.00872	.12708	.2113	6.1224	7.8951
#3	819.09	3.7634	-.29907	-.01041	.12986	.2061	6.1795	7.9269

Sample Name: K3539-11 Acquired: 6/28/2019 13:39:28 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.996
Stddev	.547
%RSD	4.5572

#1	11.426
#2	12.516
#3	12.044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.2	21753.	1793.2	27.526	1748.6
Stddev	13.8	60.	7.1	1.032	11.2
%RSD	.70031	.27638	.39564	3.7484	.64318

#1	1959.7	21693.	1787.5	26.336	1736.9
#2	1979.5	21814.	1801.2	28.175	1749.7
#3	1986.3	21752.	1791.0	28.066	1759.3

Sample Name: K3539-01 Acquired: 6/28/2019 13:43:59 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00960	.00028	.02487	.00145	-.00122	.21750	.29316	.00018
Stddev	.00253	.00398	.00034	.00263	.00128	.02659	.00199	.00017
%RSD	26.309	1420.7	1.3723	181.97	105.55	12.227	.67868	97.547
#1	.00968	.00206	.02524	.00442	.00017	.24230	.29097	-.00002
#2	.01209	.00306	.02483	.00049	-.00237	.18942	.29367	.00029
#3	.00704	-.00428	.02456	-.00058	-.00144	.22078	.29485	.00027
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	191.52	-.00279	-.00004	.00506	.42275	.19128	520.60
Stddev	.00004	1.08	.00031	.00026	.00049	.00104	.00055	3.11
%RSD	4.8483	.56227	11.108	681.24	9.6282	.24537	.28879	.59653
#1	-.00093	191.55	-.00313	.00009	.00450	.42174	.19192	518.19
#2	-.00091	190.43	-.00273	.00013	.00535	.42270	.19102	519.50
#3	-.00085	192.58	-.00252	-.00033	.00534	.42382	.19091	524.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00759	-.00001	F 3438.7	.00254	.13662	266.85	.01691	1.8531
Stddev	.00032	.00105	27.8	.00046	.00053	2.11	.00054	.0371
%RSD	4.1918	7813.1	.80711	17.972	.38675	.78971	3.2112	2.0013
#1	-.00774	.00105	3470.6	.00277	.13622	265.04	.01720	1.8146
#2	-.00780	-.00004	3425.7	.00202	.13643	266.34	.01628	1.8561
#3	-.00722	-.00105	3419.9	.00284	.13722	269.17	.01725	1.8886
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 475.50	4.8937	-.17227	-.00326	.08401	.3034	3.7441	7.0706
Stddev	.22	.0478	.00088	.00406	.00427	.0023	.0143	.1726
%RSD	.04560	.97785	.51160	124.61	5.0780	.7600	.38176	2.4405
#1	475.49	4.9489	-.17317	-.00111	.08725	.3034	3.7409	6.8722
#2	475.29	4.8686	-.17224	-.00793	.07918	.3010	3.7318	7.1540
#3	475.72	4.8636	-.17141	-.00073	.08561	.3056	3.7598	7.1856

Sample Name: K3539-01 Acquired: 6/28/2019 13:43:59 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-J-A-UNTRE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.796
Stddev	.890
%RSD	6.4521

#1	13.393
#2	13.179
#3	14.817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.7	23518.	1871.9	30.922	1931.4
Stddev	2.0	60.	14.0	1.553	4.2
%RSD	.09500	.25407	.74936	5.0217	.21496

#1	2129.1	23458.	1855.8	31.961	1934.3
#2	2125.6	23578.	1881.8	31.668	1933.4
#3	2125.5	23519.	1878.0	29.137	1926.7

Sample Name: K3539-02 Acquired: 6/28/2019 13:48:27 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-J-B-UNTRE Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00488	.00007	.02880	.00512	-.00017	.24519	.20412	.00020
Stddev	.00144	.00086	.00100	.00328	.00279	.01312	.00133	.00008
%RSD	29.600	1318.5	3.4667	63.988	1665.6	5.3527	.65193	38.420
#1	.00541	.00088	.02830	.00576	.00025	.24554	.20357	.00028
#2	.00599	.00015	.02995	.00157	.00239	.23190	.20315	.00014
#3	.00325	-.00083	.02815	.00803	-.00314	.25814	.20564	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	139.08	-.00084	-.00022	.01076	.53172	.09550	303.87
Stddev	.00000	.71	.00063	.00019	.00016	.00057	.00030	1.24
%RSD	.38490	.51109	74.832	88.028	1.4649	.10727	.31224	.40684
#1	-.00059	138.52	-.00121	-.00044	.01092	.53237	.09583	305.09
#2	-.00059	139.88	-.00011	-.00011	.01075	.53147	.09526	302.62
#3	-.00059	138.85	-.00120	-.00011	.01061	.53132	.09542	303.89
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.00007	F 2219.2	.00365	.24120	182.41	.01161	1.0923
Stddev	.00036	.00069	5.5	.00051	.00075	.48	.00062	.0153
%RSD	13.109	1013.8	.24744	14.062	.30910	.26121	5.3077	1.3987
#1	-.00269	-.00057	2225.3	.00381	.24110	182.43	.01232	1.0788
#2	-.00310	.00079	2217.6	.00407	.24200	181.92	.01121	1.0892
#3	-.00239	-.00001	2214.7	.00308	.24052	182.87	.01130	1.1089
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 266.72	5.4938	-.09445	.00059	.04927	.2263	2.3746	6.5388
Stddev	.58	.0204	.00111	.00060	.00437	.0024	.0137	.1611
%RSD	.21912	.37049	1.1779	101.81	8.8731	1.046	.57481	2.4630
#1	267.27	5.4881	-.09521	.00126	.04580	.2285	2.3644	6.6667
#2	266.79	5.5164	-.09317	.00009	.04783	.2264	2.3901	6.5918
#3	266.11	5.4769	-.09497	.00043	.05418	.2238	2.3694	6.3579

Sample Name: K3539-02 Acquired: 6/28/2019 13:48:27 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-J-B-UNTRE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.496
Stddev	1.290
%RSD	8.3257

#1	15.463
#2	14.223
#3	16.802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2229.5	24505.	1899.4	31.601	2059.5
Stddev	1.9	80.	10.5	1.623	4.3
%RSD	.08448	.32522	.55249	5.1345	.20880

#1	2228.3	24417.	1902.0	32.022	2060.5
#2	2228.5	24572.	1887.9	29.810	2054.8
#3	2231.7	24527.	1908.4	32.972	2063.2

Sample Name: K3539-03 Acquired: 6/28/2019 13:52:55 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-A-SETTL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00943	.00246	.03835	.00264	-.00130	.30252	.30937	.00019
Stddev	.00859	.00168	.00181	.00241	.00069	.02793	.00250	.00013
%RSD	91.125	68.300	4.7076	91.340	53.238	9.2322	.80803	65.917
#1	.00698	.00439	.03981	.00478	-.00103	.27881	.30742	.00033
#2	.00233	.00139	.03890	.00003	-.00209	.33330	.30851	.00008
#3	.01898	.00158	.03633	.00311	-.00079	.29544	.31219	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	179.59	-.00080	.00022	.01008	1.3249	.22630	454.13
Stddev	.00014	.54	.00038	.00012	.00063	.0046	.00125	.47
%RSD	15.106	.29873	47.078	55.985	6.2425	.35133	.55147	.10363
#1	-.00090	180.21	-.00101	.00008	.00968	1.3283	.22750	453.95
#2	-.00106	179.28	-.00102	.00030	.01081	1.3269	.22637	453.78
#3	-.00078	179.28	-.00036	.00028	.00977	1.3196	.22501	454.66
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00384	.00042	F 3153.3	.00255	.18614	249.92	.01475	1.6390
Stddev	.00073	.00107	12.5	.00046	.00013	.65	.00022	.0187
%RSD	18.977	252.37	.39607	18.057	.06942	.25990	1.5069	1.1394
#1	-.00436	.00019	3141.7	.00285	.18600	249.34	.01460	1.6269
#2	-.00414	.00159	3166.5	.00278	.18626	249.80	.01501	1.6606
#3	-.00300	-.00051	3151.6	.00202	.18615	250.62	.01464	1.6297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 413.06	5.2966	-.14956	.00191	.07678	.2982	3.3529	7.1274
Stddev	1.33	.0331	.00126	.00064	.00043	.0024	.0107	.1037
%RSD	.32156	.62530	.83982	33.383	.55837	.8034	.32057	1.4544
#1	414.25	5.3317	-.14848	.00118	.07691	.2984	3.3651	7.0327
#2	413.31	5.2921	-.15094	.00230	.07714	.2957	3.3449	7.1113
#3	411.63	5.2659	-.14925	.00226	.07631	.3005	3.3486	7.2381

Sample Name: K3539-03 Acquired: 6/28/2019 13:52:55 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-J-A-SETTL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.584
Stddev	.910
%RSD	6.6984

#1	14.635
#2	13.065
#3	13.052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.5	23751.	1881.8	31.436	1965.1
Stddev	3.9	80.	14.2	.724	6.0
%RSD	.17965	.33636	.75397	2.3024	.30385

#1	2156.2	23675.	1865.7	32.084	1959.2
#2	2154.4	23835.	1892.6	30.655	1965.0
#3	2161.8	23744.	1887.0	31.569	1971.1

Sample Name: K3539-04 Acquired: 6/28/2019 13:57:22 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-B-SETTL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00848	.00237	.03563	.00222	-.00263	.26367	.30193	.00015
Stddev	.00088	.00055	.00130	.00486	.00225	.02602	.00130	.00007
%RSD	10.413	23.115	3.6479	218.85	85.670	9.8695	.43044	43.915
#1	.00747	.00284	.03643	.00047	-.00513	.27734	.30120	.00022
#2	.00886	.00177	.03633	-.00152	-.00074	.23366	.30116	.00013
#3	.00910	.00252	.03413	.00771	-.00202	.28000	.30343	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	173.12	.00244	.00055	.00912	1.1504	.21607	438.69
Stddev	.00005	.53	.00056	.00032	.00070	.0013	.00047	1.29
%RSD	5.8228	.30893	22.882	59.140	7.6818	.11096	.21597	.29307
#1	-.00089	173.58	.00259	.00049	.00974	1.1508	.21565	437.51
#2	-.00081	173.23	.00182	.00090	.00836	1.1489	.21598	438.51
#3	-.00091	172.53	.00291	.00026	.00927	1.1514	.21657	440.06
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00481	-.00041	F 3025.8	.00252	.17515	239.96	.01447	1.5720
Stddev	.00053	.00038	38.5	.00097	.00060	1.48	.00082	.0376
%RSD	10.948	91.675	1.2737	38.413	.34445	.61866	5.6666	2.3927
#1	-.00537	-.00075	2983.7	.00308	.17489	239.14	.01366	1.5825
#2	-.00432	-.00000	3034.3	.00308	.17584	239.06	.01446	1.5303
#3	-.00474	-.00048	3059.4	.00140	.17471	241.67	.01530	1.6033
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 395.37	5.0919	-.14248	-.00122	.07406	.2817	3.2359	6.9407
Stddev	.90	.0370	.00055	.00280	.00152	.0016	.0058	.0502
%RSD	.22696	.72605	.38785	228.50	2.0512	.5615	.18037	.72300
#1	396.05	5.1147	-.14299	.00198	.07417	.2814	3.2414	6.8837
#2	394.35	5.1118	-.14189	-.00250	.07250	.2834	3.2365	6.9782
#3	395.70	5.0493	-.14256	-.00316	.07553	.2803	3.2298	6.9602

Sample Name: K3539-04 Acquired: 6/28/2019 13:57:22 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-J-B-SETTL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.143
Stddev	.395
%RSD	3.0024

#1	13.467
#2	12.704
#3	13.259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.7	23927.	1893.1	30.798	1978.6
Stddev	9.7	20.	12.8	.768	8.1
%RSD	.44546	.08344	.67593	2.4925	.40836

#1	2156.7	23911.	1884.0	31.008	1969.4
#2	2174.6	23949.	1887.6	29.947	1984.3
#3	2172.0	23920.	1907.8	31.438	1982.2

Sample Name: K3539-06 Acquired: 6/28/2019 14:01:51 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01482	.00316	.03121	.01041	.00130	.22276	.27450	.00029
Stddev	.00191	.00421	.00205	.00506	.00256	.01447	.00279	.00006
%RSD	12.885	133.32	6.5820	48.625	197.27	6.4971	1.0177	21.109
#1	.01603	.00225	.03098	.01588	-.00166	.23943	.27542	.00030
#2	.01262	.00776	.02928	.00589	.00289	.21552	.27672	.00022
#3	.01580	-.00052	.03337	.00946	.00266	.21334	.27136	.00034
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	282.11	-.00324	-.00022	.01249	.25032	.08410	988.13
Stddev	.00009	.82	.00047	.00042	.00032	.00323	.00020	5.18
%RSD	7.8426	.29221	14.609	189.42	2.5861	1.2896	.23256	.52423
#1	-.00122	283.04	-.00332	-.00061	.01280	.25292	.08420	992.06
#2	-.00127	281.81	-.00367	-.00026	.01216	.25134	.08423	990.06
#3	-.00109	281.47	-.00274	.00022	.01250	.24671	.08388	982.26
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01220	.00041	F 6060.5	.00444	.07749	365.76	.02105	3.1912
Stddev	.00100	.00090	107.9	.00020	.00027	2.37	.00054	.0473
%RSD	8.2225	220.55	1.7809	4.5938	.34958	.64756	2.5659	1.4835
#1	-.01329	-.00023	6131.2	.00421	.07762	366.11	.02042	3.1457
#2	-.01198	.00144	5936.2	.00456	.07767	367.93	.02137	3.2402
#3	-.01133	.00001	6114.0	.00457	.07718	363.24	.02135	3.1877
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 885.89	3.9178	-.32513	-.00845	.13491	.2484	6.5137	8.0959
Stddev	3.04	.0165	.00061	.00012	.00226	.0019	.0116	.1200
%RSD	.34367	.42190	.18775	1.4280	1.6718	.7684	.17856	1.4825
#1	889.40	3.9241	-.32554	-.00835	.13280	.2504	6.5266	8.1829
#2	883.97	3.8990	-.32443	-.00858	.13465	.2481	6.5042	7.9590
#3	884.30	3.9302	-.32542	-.00843	.13729	.2466	6.5102	8.1458

Sample Name: K3539-06 Acquired: 6/28/2019 14:01:51 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.206
Stddev	1.175
%RSD	11.514

#1	8.9722
#2	11.312
#3	10.335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.9	21739.	1814.9	28.114	1739.9
Stddev	6.4	56.	7.2	.619	7.2
%RSD	.32233	.25753	.39482	2.2028	.41136

#1	1976.0	21711.	1813.2	27.850	1732.3
#2	1988.6	21701.	1822.7	27.671	1746.5
#3	1984.1	21803.	1808.7	28.822	1741.0

Sample Name: K3539-06DUP Acquired: 6/28/2019 14:06:21 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00807	.00322	.03073	.01021	.00440	.19604	.27711	.00023
Stddev	.00208	.00159	.00130	.00318	.00257	.03436	.00242	.00008
%RSD	25.724	49.353	4.2230	31.130	58.336	17.528	.87408	33.629
#1	.00569	.00214	.02940	.01055	.00146	.20683	.27769	.00025
#2	.00898	.00248	.03199	.01320	.00553	.22371	.27918	.00030
#3	.00954	.00504	.03079	.00687	.00621	.15758	.27445	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	281.28	-.00323	-.00001	.01135	.25027	.08423	988.91
Stddev	.00001	1.78	.00047	.00010	.00109	.00121	.00046	5.07
%RSD	1.2374	.63161	14.709	856.35	9.6083	.48525	.54541	.51267
#1	-.00112	279.92	-.00325	-.00013	.01163	.24999	.08402	987.73
#2	-.00113	280.62	-.00369	.00003	.01015	.24922	.08391	994.47
#3	-.00111	283.29	-.00274	.00006	.01227	.25160	.08476	984.53
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01174	.00009	F 6047.5	.00424	.07649	368.34	.02138	3.2041
Stddev	.00056	.00035	64.6	.00050	.00031	2.65	.00019	.0110
%RSD	4.7680	401.27	1.0681	11.792	.40626	.71839	.89418	.34185
#1	-.01155	.00002	6026.4	.00428	.07619	367.12	.02158	3.2162
#2	-.01131	-.00023	5996.1	.00372	.07681	371.37	.02120	3.2011
#3	-.01238	.00047	6120.0	.00472	.07648	366.51	.02138	3.1949
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 886.21	3.8996	-.32674	-.00480	.13585	.2492	6.5027	8.0570
Stddev	2.79	.0711	.00234	.00102	.00074	.0050	.0415	.1299
%RSD	.31451	1.8221	.71543	21.248	.54279	1.988	.63751	1.6121
#1	883.23	3.9008	-.32445	-.00466	.13651	.2539	6.4657	8.0978
#2	888.75	3.8279	-.32912	-.00386	.13505	.2496	6.4951	8.1616
#3	886.64	3.9700	-.32666	-.00588	.13597	.2440	6.5475	7.9116

Sample Name: K3539-06DUP Acquired: 6/28/2019 14:06:21 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.079
Stddev	.743
%RSD	6.7051

#1	11.489
#2	10.221
#3	11.526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.2	21854.	1836.5	28.538	1735.3
Stddev	9.1	44.	16.7	1.415	4.8
%RSD	.45942	.19978	.90670	4.9595	.27860

#1	1965.2	21892.	1845.0	29.229	1738.5
#2	1983.3	21806.	1847.2	29.475	1737.7
#3	1974.2	21863.	1817.4	26.910	1729.8

Sample Name: K3539-06LX5 Acquired: 6/28/2019 14:10:52 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00242	.01230	.00300	-.00131	.05769	.05339	.00026
Stddev	.00570	.00108	.00068	.00134	.00093	.01010	.00084	.00004
%RSD	3130.5	44.627	5.5535	44.589	70.779	17.499	1.5825	16.366
#1	.00595	.00355	.01286	.00422	-.00059	.05946	.05436	.00031
#2	-.00545	.00140	.01154	.00321	-.00235	.04683	.05278	.00024
#3	.00005	.00231	.01250	.00157	-.00098	.06679	.05305	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	61.560	.00054	-.00043	.00360	.06249	.01795	190.16
Stddev	.00003	.150	.00010	.00008	.00021	.00092	.00006	1.15
%RSD	5.1372	.24423	19.161	17.888	5.8089	1.4677	.35612	.60406
#1	-.00064	61.676	.00064	-.00039	.00384	.06311	.01793	189.03
#2	-.00058	61.391	.00055	-.00052	.00350	.06293	.01802	190.11
#3	-.00062	61.615	.00043	-.00038	.00345	.06144	.01790	191.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00651	.00103	1346.6	.00188	.01429	65.245	.00469	.62678
Stddev	.00034	.00057	9.2	.00051	.00024	.316	.00015	.04672
%RSD	5.2369	55.573	.68199	26.914	1.6560	.48429	3.1108	7.4537
#1	-.00615	.00112	1351.9	.00216	.01456	64.961	.00472	.61461
#2	-.00657	.00156	1336.0	.00219	.01415	65.190	.00482	.58734
#3	-.00682	.00042	1352.0	.00130	.01416	65.585	.00453	.67838
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 164.38	.82078	-.05710	-.00363	.03170	.0373	1.3666	6.5678
Stddev	.70	.01381	.00111	.00303	.00126	.0011	.0030	.0407
%RSD	.42673	1.6827	1.9395	83.369	3.9659	2.851	.22217	.62035
#1	165.06	.82961	-.05754	-.00068	.03199	.0372	1.3687	6.5293
#2	164.41	.82786	-.05792	-.00349	.03032	.0364	1.3680	6.5636
#3	163.66	.80486	-.05584	-.00673	.03279	.0385	1.3632	6.6105

Sample Name: K3539-06LX5 Acquired: 6/28/2019 14:10:52 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6008
Stddev	1.2148
%RSD	21.690

#1	6.2180
#2	6.3831
#3	4.2013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.3	24665.	1885.3	30.457	2101.0
Stddev	6.7	43.	17.0	.687	6.4
%RSD	.29846	.17552	.90063	2.2541	.30266

#1	2227.9	24656.	1866.4	30.499	2095.0
#2	2225.2	24712.	1889.9	31.122	2100.2
#3	2237.9	24626.	1899.4	29.751	2107.7

Sample Name: K3539-06MS Acquired: 6/28/2019 14:15:24 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94555	2.0348	1.1195	2.3526	.93684	2.6498	.51302	.25830
Stddev	.00338	.0084	.0047	.0074	.00358	.0385	.00115	.00072
%RSD	.35773	.41091	.41720	.31416	.38181	1.4515	.22423	.27704
#1	.94187	2.0254	1.1144	2.3492	.93391	2.6197	.51169	.25748
#2	.94852	2.0414	1.1207	2.3611	.94082	2.6365	.51377	.25880
#3	.94625	2.0376	1.1235	2.3475	.93578	2.6931	.51359	.25862
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21994	272.93	.40259	.22607	.31127	3.3108	.29188	941.42
Stddev	.00047	2.24	.00112	.00039	.00052	.0070	.00081	3.63
%RSD	.21165	.81924	.27882	.17355	.16832	.21051	.27640	.38605
#1	.21945	270.39	.40243	.22580	.31127	3.3034	.29098	937.47
#2	.21999	274.62	.40156	.22652	.31179	3.3115	.29211	944.61
#3	.22038	273.76	.40379	.22589	.31074	3.3173	.29254	942.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53715	.08844	F 5672.5	.32336	.34104	358.70	.43089	3.4003
Stddev	.00095	.00031	79.9	.00076	.00084	2.47	.00060	.0143
%RSD	.17638	.35078	1.4092	.23359	.24637	.68905	.13938	.42005
#1	.53606	.08809	5678.2	.32423	.34091	355.93	.43063	3.4156
#2	.53773	.08870	5589.9	.32298	.34027	360.66	.43158	3.3874
#3	.53767	.08851	5749.5	.32286	.34194	359.51	.43047	3.3979
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 850.66	4.6929	.46649	.19842	.38904	8.885	6.5403	8.1880
Stddev	1.41	.0303	.00357	.00100	.00247	.027	.0614	.1483
%RSD	.16551	.64519	.76554	.50207	.63500	.2998	.93903	1.8114
#1	850.49	4.6988	.46337	.19797	.38712	8.857	6.4700	8.1519
#2	849.34	4.6601	.46572	.19956	.39183	8.888	6.5836	8.3510
#3	852.14	4.7198	.47038	.19773	.38816	8.910	6.5674	8.0611

Sample Name: K3539-06MS Acquired: 6/28/2019 14:15:24 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.5071
Stddev	.9253
%RSD	9.7328

#1	10.199
#2	8.4561
#3	9.8658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.1	22107.	1818.6	29.039	1733.1
Stddev	.8	57.	10.4	1.862	4.1
%RSD	.04064	.25599	.57392	6.4128	.23675

#1	1978.0	22156.	1829.8	28.538	1736.8
#2	1976.9	22045.	1809.1	31.100	1733.8
#3	1976.4	22121.	1816.9	27.478	1728.7

Sample Name: CCV04 Acquired: 6/28/2019 14:46:23 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2501	5.3518	5.2983	5.2383	5.3433	10.814	10.498
Stddev	.0106	.0136	.0109	.0154	.0078	.138	.072
%RSD	.20164	.25405	.20593	.29437	.14582	1.2724	.68402

#1	5.2480	5.3514	5.2970	5.2561	5.3392	10.693	10.443
#2	5.2408	5.3657	5.3099	5.2289	5.3384	10.964	10.579
#3	5.2617	5.3385	5.2882	5.2299	5.3523	10.784	10.471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26920	2.6344	25.781	1.0335	2.6553	1.3332	5.2489
Stddev	.00031	.0041	.078	.0029	.0034	.0009	.0097
%RSD	.11422	.15445	.30113	.27902	.12756	.06666	.18505

#1	.26951	2.6353	25.714	1.0342	2.6533	1.3342	5.2471
#2	.26890	2.6380	25.764	1.0359	2.6592	1.3327	5.2594
#3	.26918	2.6300	25.866	1.0303	2.6535	1.3327	5.2402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6858	26.291	2.6200	1.3030	26.835	2.5957	2.6493
Stddev	.0047	.317	.0061	.0012	.141	.0012	.0031
%RSD	.17388	1.2047	.23305	.09273	.52556	.04423	.11655

#1	2.6824	26.166	2.6190	1.3030	26.734	2.5958	2.6497
#2	2.6911	26.651	2.6265	1.3043	26.996	2.5968	2.6522
#3	2.6838	26.055	2.6144	1.3018	26.776	2.5945	2.6460

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.583	5.3287	5.2266	5.3685	5.0718	5.2638	5.1825
Stddev	.086	.0086	.0724	.0228	.0527	.0081	.0263
%RSD	.32295	.16201	1.3854	.42462	1.0393	.15326	.50734

#1	26.566	5.3311	5.2226	5.3653	5.0422	5.2600	5.1534
#2	26.676	5.3191	5.3009	5.3928	5.0406	5.2731	5.2046
#3	26.507	5.3359	5.1563	5.3475	5.1327	5.2583	5.1894

Sample Name: CCV04 Acquired: 6/28/2019 14:46:23 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2502	5.386	F 5.5092	5.3064	F<.00000
Stddev	.0568	.020	.0448	.1171	1.0605
%RSD	1.0829	.3687	.81280	2.2074	2874.6
#1	5.1919	5.378	5.4595	5.2832	-1.1224
#2	5.2530	5.408	5.5214	5.4334	.99673
#3	5.3055	5.371	5.5466	5.2026	.01501
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2416.4	27266.	1919.0	30.533	2430.0
Stddev	1.6	142.	8.6	.439	6.9
%RSD	.06698	.51912	.44601	1.4380	.28544
#1	2415.5	27278.	1926.2	30.028	2428.7
#2	2415.5	27119.	1921.2	30.824	2423.8
#3	2418.3	27401.	1909.5	30.746	2437.5

Sample Name: CCB04 Acquired: 6/28/2019 14:50:20 Type: Unk
Method: P4-ICP2(v3241) 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	-.00117	-.00076	.00259	.00093	-.00091	-.01598	.00176
Stddev	.00262	.00019	.00051	.00213	.00146	.00885	.00020
%RSD	223.49	25.500	19.905	229.08	160.80	55.391	11.274

#1	-.00397	-.00069	.00206	.00218	-.00182	-.01999	.00199
#2	.00121	-.00097	.00308	-.00153	.00077	-.00583	.00168
#3	-.00076	-.00060	.00262	.00213	-.00167	-.02212	.00162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00007	.00837	-.00031	-.00007	.00043	.00094
Stddev	.00006	.00009	.01369	.00016	.00007	.00047	.00163
%RSD	59.031	126.86	163.53	51.051	113.92	109.88	173.20

#1	.00010	-.00009	.01881	-.00020	-.00001	.00076	-.00037
#2	.00004	-.00014	-.00712	-.00023	-.00015	-.00011	.00276
#3	.00016	.00003	.01342	-.00049	-.00004	.00064	.00043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00115	-.00095	-.00051	F 1.1570	.00055	-.00063
Stddev	.00009	.06061	.00031	.00049	.0178	.00027	.00006
%RSD	421.11	5280.4	32.668	95.235	1.5405	48.997	9.8924

#1	.00005	.03261	-.00118	.00005	1.1775	.00081	-.00060
#2	.00001	-.07112	-.00060	-.00083	1.1471	.00057	-.00059
#3	-.00013	.03507	-.00108	-.00076	1.1463	.00027	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10940	.00049	.00916	F .02012	.00201	.00079	-.00094
Stddev	.04416	.00029	.02341	.00274	.00093	.00084	.00209
%RSD	40.369	59.317	255.54	13.618	46.337	105.56	223.43

#1	.09070	.00082	.03410	.02274	.00220	.00078	-.00188
#2	.15983	.00029	.00570	.02033	.00283	-.00004	.00146
#3	.07766	.00036	-.01232	.01728	.00100	.00163	-.00240

Sample Name: CCB04 Acquired: 6/28/2019 14:50:20 Type: Unk
 Method: P4-ICP2(v3241) 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	.00020	-.0042	.00002	F 4.5226	F<.00000
Stddev	.00047	.0015	.00012	.2501	.68141
%RSD	229.82	36.70	488.82	5.5301	101.37

#1	.00069	-.0038	.00009	4.5864	.11396
#2	-.00024	-.0058	-.00011	4.7346	-1.0373
#3	.00017	-.0029	.00009	4.2468	-1.0933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.0	28055.	1918.8	31.623	2723.3
Stddev	6.7	84.	7.3	.288	7.8
%RSD	.26851	.30090	.38056	.90993	.28647

#1	2482.9	28097.	1911.8	31.864	2715.6
#2	2495.6	27958.	1926.4	31.702	2731.2
#3	2485.5	28110.	1918.2	31.305	2723.1

Sample Name: K3539-06MSD Acquired: 6/28/2019 14:54:49 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95268	2.0635	1.1316	2.3971	.93814	2.6662	.51228	.25889
Stddev	.01256	.0042	.0025	.0055	.00383	.0830	.00292	.00035
%RSD	1.3181	.20468	.22065	.22976	.40786	3.1121	.56916	.13490
#1	.93822	2.0684	1.1332	2.3923	.93580	2.7486	.51348	.25928
#2	.96092	2.0606	1.1327	2.3958	.93606	2.6674	.51441	.25860
#3	.95889	2.0617	1.1287	2.4031	.94255	2.5827	.50896	.25878
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22083	276.36	.40642	.22701	.31200	3.3261	.29172	941.32
Stddev	.00018	3.28	.00244	.00058	.00234	.0085	.00095	3.31
%RSD	.08332	1.1857	.59936	.25476	.75126	.25457	.32677	.35206
#1	.22091	273.12	.40571	.22655	.30929	3.3230	.29064	940.21
#2	.22097	276.28	.40913	.22766	.31335	3.3357	.29241	945.04
#3	.22062	279.67	.40442	.22683	.31335	3.3197	.29213	938.70
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54069	.08921	F 6028.8	.32698	.34271	356.23	.43160	3.3541
Stddev	.00118	.00035	33.5	.00201	.00047	1.36	.00302	.0379
%RSD	.21751	.39104	.55570	.61438	.13589	.38294	.69950	1.1297
#1	.53967	.08881	5990.8	.32629	.34262	354.72	.42812	3.3793
#2	.54198	.08936	6054.1	.32540	.34322	357.37	.43347	3.3106
#3	.54043	.08945	6041.4	.32924	.34230	356.61	.43321	3.3725
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 866.22	4.7640	.46835	.20371	.39894	9.023	6.6072	8.0856
Stddev	1.51	.0564	.00183	.00387	.00537	.035	.0918	.0920
%RSD	.17418	1.1830	.39177	1.8987	1.3451	.3853	1.3894	1.1372
#1	866.26	4.7099	.46663	.19927	.39395	9.023	6.5132	7.9861
#2	867.71	4.7596	.47028	.20547	.39826	9.058	6.6118	8.1675
#3	864.69	4.8224	.46815	.20638	.40462	8.988	6.6966	8.1030

Sample Name: K3539-06MSD Acquired: 6/28/2019 14:54:49 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-F-UNTREAT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.682
Stddev	1.405
%RSD	13.152

#1	10.306
#2	9.5033
#3	12.237

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.6	22182.	1803.3	28.695	1747.6
Stddev	5.0	53.	18.9	1.510	2.7
%RSD	.25217	.23732	1.0469	5.2636	.15192

#1	1999.2	22174.	1822.3	27.828	1748.2
#2	1989.3	22133.	1803.0	30.439	1744.7
#3	1992.4	22238.	1784.6	27.818	1749.9

Sample Name: K3539-06A Acquired: 6/28/2019 14:59:03 Type: Unk
Method: P4-ICP2(v3241) 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	.95147	2.0557	1.1164	2.3830	.94304	2.6353	.50961	.25829
Stddev	.00695	.0149	.0025	.0077	.00735	.0364	.00289	.00114
%RSD	.73008	.72226	.22578	.32422	.77951	1.3797	.56655	.44190
#1	.95926	2.0404	1.1167	2.3771	.94259	2.6280	.50833	.25954
#2	.94926	2.0700	1.1188	2.3917	.95061	2.6748	.51291	.25731
#3	.94590	2.0566	1.1138	2.3802	.93593	2.6032	.50758	.25801
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21919	274.99	.40521	.22543	.31264	3.3156	.29151	941.91
Stddev	.00085	1.15	.00190	.00057	.00110	.0077	.00079	1.83
%RSD	.38694	.41861	.46868	.25255	.35213	.23212	.27005	.19449
#1	.21844	275.01	.40727	.22503	.31238	3.3245	.29221	942.63
#2	.22011	276.13	.40483	.22518	.31385	3.3117	.29066	943.27
#3	.21902	273.83	.40353	.22608	.31169	3.3106	.29165	939.83
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53790	.08917	F 5882.4	.32661	.34009	358.74	.43060	3.3316
Stddev	.00163	.00172	69.7	.00054	.00083	1.15	.00204	.0287
%RSD	.30330	1.9314	1.1851	.16468	.24291	.31991	.47328	.86164
#1	.53648	.09104	5937.7	.32598	.33976	359.52	.42827	3.3578
#2	.53969	.08883	5804.1	.32691	.34103	359.27	.43144	3.3361
#3	.53754	.08765	5905.4	.32692	.33948	357.42	.43208	3.3009
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 862.40	4.7722	.46596	.20143	.39518	8.947	6.6040	8.0836
Stddev	2.52	.0320	.00206	.00136	.00325	.030	.0295	.0847
%RSD	.29254	.66980	.44293	.67687	.82365	.3412	.44686	1.0477
#1	859.91	4.7597	.46672	.20063	.39778	8.922	6.5980	8.1390
#2	864.96	4.8086	.46363	.20301	.39621	8.981	6.6361	7.9861
#3	862.32	4.7484	.46755	.20066	.39153	8.938	6.5780	8.1257

Sample Name: K3539-06A Acquired: 6/28/2019 14:59:03 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.5712
Stddev	1.7341
%RSD	18.118

#1	11.433
#2	9.2790
#3	8.0018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.8	22138.	1805.5	28.309	1746.8
Stddev	7.2	11.	4.4	.763	4.2
%RSD	.36340	.04962	.24623	2.6945	.24257

#1	1982.8	22126.	1810.2	29.118	1746.5
#2	1982.5	22146.	1801.4	27.603	1742.8
#3	1995.2	22142.	1804.8	28.205	1751.2

Sample Name: PB121022BL Acquired: 6/28/2019 15:03:17 Type: Unk
Method: P4-ICP2(v3241) 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	-.00359	-.00083	-.00033	.00207	-.00018	-.00620	.00161
Stddev	.00176	.00099	.00034	.00251	.00169	.01504	.00073
%RSD	48.922	119.34	103.20	120.96	921.86	242.49	45.247

#1	-.00549	-.00051	-.00067	.00028	-.00210	.00639	.00243
#2	-.00202	-.00193	-.00032	.00493	.00044	-.02286	.00138
#3	-.00325	-.00004	.00001	.00100	.00111	-.00214	.00102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00002	-.00544	-.00028	.00018	.00075	.00110
Stddev	.00002	.00007	.02620	.00012	.00012	.00057	.00046
%RSD	43.920	317.16	481.29	41.974	64.813	75.585	41.506

#1	.00006	-.00007	-.03243	-.00032	.00005	.00138	.00082
#2	.00006	-.00006	.01989	-.00037	.00023	.00061	.00086
#3	.00002	.00006	-.00379	-.00015	.00027	.00027	.00163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.03482	.00073	-.00051	F 7.3580	.00003	.00351
Stddev	.00009	.03624	.00046	.00050	.3926	.00049	.00014
%RSD	560.56	104.06	62.405	99.094	5.3351	1582.7	4.1264

#1	-.00006	-.03593	.00028	-.00093	7.7664	.00059	.00365
#2	-.00007	.00195	.00073	-.00063	7.3242	-.00029	.00336
#3	.00008	-.07049	.00119	.00005	6.9835	-.00021	.00352

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.1514	.00016	.00066	F .09524	.00051	-.00006	.00021
Stddev	.1116	.00010	.01907	.01123	.00188	.00068	.00261
%RSD	9.6894	59.922	2892.0	11.792	369.46	1138.2	1255.9

#1	1.2783	.00024	.01201	.10766	.00062	.00007	.00305
#2	1.1074	.00018	.01133	.09227	.00233	.00054	-.00036
#3	1.0686	.00006	-.02136	.08580	-.00142	-.00079	-.00207

Sample Name: PB121022BL Acquired: 6/28/2019 15:03:17 Type: Unk
Method: P4-ICP2(v3241) 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	.00130	-.0015	.00001	F 3.7853	F<.00000
Stddev	.00284	.0013	.00012	.1943	2.0222
%RSD	217.53	84.51	1565.2	5.1341	84.926

#1	-.00180	-.0002	-.00006	3.5754	-2.9818
#2	.00376	-.0017	-.00006	3.9590	-.12666
#3	.00195	-.0027	.00014	3.8216	-4.0351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.2	28850.	1983.7	31.985	2799.4
Stddev	8.2	116.	12.5	.365	15.1
%RSD	.32373	.40066	.63008	1.1413	.53767

#1	2539.2	28724.	1976.3	32.209	2795.6
#2	2529.6	28951.	1976.7	32.182	2786.7
#3	2545.9	28876.	1998.1	31.564	2816.0

Sample Name: PB121022BS Acquired: 6/28/2019 15:07:44 Type: Unk
Method: P4-ICP2(v3241) 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	.75962	1.9746	.95961	1.8982	.78769	1.8285	.20609
Stddev	.00115	.0066	.00243	.0035	.00498	.0139	.00090
%RSD	.15076	.33165	.25314	.18234	.63170	.75998	.43558

#1	.76043	1.9735	.95916	1.9005	.79336	1.8391	.20596
#2	.76011	1.9688	.95744	1.8999	.78404	1.8127	.20526
#3	.75831	1.9817	.96223	1.8942	.78567	1.8336	.20704

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19439	.18625	1.0373	.40922	.19782	.31825	3.0943
Stddev	.00074	.00015	.0193	.00279	.00011	.00123	.0083
%RSD	.38053	.07878	1.8585	.68062	.05595	.38783	.26732

#1	.19353	.18635	1.0210	.40774	.19783	.31875	3.0916
#2	.19483	.18608	1.0322	.40748	.19793	.31684	3.0877
#3	.19480	.18631	1.0586	.41243	.19771	.31915	3.1036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21204	2.0113	.48787	.07062	F 5.9170	.30725	.19343
Stddev	.00110	.0969	.00116	.00016	.0066	.00029	.00022
%RSD	.51744	4.8174	.23860	.22229	.11101	.09483	.11360

#1	.21101	1.9115	.48826	.07046	5.9201	.30747	.19354
#2	.21192	2.0175	.48879	.07077	5.9215	.30735	.19317
#3	.21319	2.1050	.48656	.07061	5.9095	.30692	.19356

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.395	.41674	.28509	F .05866	.87940	.66978	.20201
Stddev	.079	.00125	.01509	.00388	.01732	.00153	.00241
%RSD	.75540	.29955	5.2925	6.6146	1.9700	.22885	1.1905

#1	10.403	.41817	.27237	.06259	.87105	.67103	.19959
#2	10.312	.41591	.30176	.05856	.89932	.67025	.20440
#3	10.469	.41613	.28115	.05483	.86783	.66807	.20204

Sample Name: PB121022BS Acquired: 6/28/2019 15:07:44 Type: Unk
 Method: P4-ICP2(v3241) 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	.21401	5.467	F .25237	F 4.0297	F<.00000
Stddev	.00227	.010	.00190	.2268	1.2190
%RSD	1.0587	.1878	.75399	5.6272	25.102

#1	.21152	5.459	.25019	3.8141	-6.2569
#2	.21456	5.465	.25321	4.0087	-4.0364
#3	.21595	5.479	.25370	4.2662	-4.2749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.6	28965.	1977.5	33.352	2754.4
Stddev	3.9	119.	11.1	.638	2.7
%RSD	.15387	.41006	.56091	1.9138	.09949

#1	2527.3	29011.	1988.0	32.752	2751.5
#2	2532.7	29054.	1965.9	34.023	2754.9
#3	2534.8	28830.	1978.7	33.280	2756.9

Sample Name: PB121022TB Acquired: 6/28/2019 15:11:50 Type: Unk
Method: P4-ICP2(v3241) 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	-.00417	-.00200	.00347	.00023	-.00043	.01189	.00090	.00012
Stddev	.00247	.00027	.00118	.00332	.00267	.00631	.00042	.00005
%RSD	59.173	13.359	33.927	1454.3	622.86	53.087	46.430	44.256
#1	-.00377	-.00225	.00229	.00384	-.00161	.00758	.00042	.00015
#2	-.00193	-.00172	.00347	-.00048	.00263	.00896	.00119	.00015
#3	-.00682	-.00204	.00465	-.00268	-.00231	.01914	.00109	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00933	.00067	.00020	.00261	.00671	.00019	-.01832
Stddev	.00008	.01830	.00031	.00013	.00051	.00055	.00003	.06858
%RSD	47.971	196.20	46.170	65.603	19.645	8.2604	15.758	374.33
#1	-.00021	.01166	.00073	.00005	.00214	.00722	.00017	-.09440
#2	-.00007	-.01768	.00096	.00025	.00253	.00678	.00018	.03878
#3	-.00020	-.02196	.00034	.00030	.00315	.00612	.00023	.00065
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.00183	F 384.96	-.00007	.00452	.42986	.00025	-.00307
Stddev	.00043	.00044	2.86	.00030	.00005	.05860	.00045	.03344
%RSD	25.699	23.802	.74254	412.36	1.1139	13.633	182.43	1089.5
#1	.00122	.00230	387.57	.00025	.00449	.36827	.00045	-.03819
#2	.00177	.00144	385.42	-.00013	.00449	.48493	-.00027	.02839
#3	.00207	.00176	381.91	-.00034	.00458	.43639	.00057	.00059
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05512	.00488	.00201	.00018	-.00039	-.0040	-.00024	4.8157
Stddev	.00790	.00399	.00044	.00242	.00078	.0012	.00019	.0268
%RSD	14.330	81.681	21.787	1334.9	199.90	30.40	76.891	.55631
#1	.05019	.00322	.00235	.00090	.00033	-.0049	-.00045	4.7976
#2	.06423	.00943	.00152	.00216	-.00122	-.0026	-.00008	4.8465
#3	.05094	.00199	.00217	-.00251	-.00028	-.0043	-.00021	4.8030

Sample Name: PB121022TB Acquired: 6/28/2019 15:11:50 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.8314
Stddev	1.1546
%RSD	30.136

#1	5.1507
#2	3.0047
#3	3.3390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.8	27218.	1988.7	33.258	2433.6
Stddev	9.7	75.	6.8	1.434	10.3
%RSD	.40169	.27606	.34126	4.3104	.42466

#1	2402.1	27131.	1992.7	34.086	2421.7
#2	2415.2	27261.	1980.9	31.602	2440.1
#3	2421.1	27261.	1992.5	34.084	2439.1

Sample Name: K3158-08 Acquired: 6/28/2019 15:16:23 Type: Unk
Method: P4-ICP2(v3241) 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	-.00162	-.00059	.10205	-.00061	-.00308	.10455	.09470	.00020
Stddev	.00042	.00085	.00130	.00077	.00173	.00879	.00143	.00004
%RSD	25.700	144.74	1.2744	127.32	56.033	8.4079	1.5149	22.850

#1	-.00165	-.00026	.10355	-.00086	-.00171	.11068	.09364	.00025
#2	-.00202	-.00156	.10135	-.00123	-.00502	.09448	.09634	.00018
#3	-.00119	.00005	.10125	.00026	-.00252	.10848	.09413	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	13.681	-.00012	.00378	.00590	.04168	.44611	1.3243
Stddev	.00007	.013	.00069	.00022	.00040	.00057	.00038	.0851
%RSD	125.59	.09294	553.69	5.6925	6.7787	1.3608	.08455	6.4266

#1	.00002	13.668	-.00026	.00393	.00548	.04158	.44618	1.3440
#2	-.00011	13.684	-.00073	.00353	.00594	.04116	.44571	1.2311
#3	-.00006	13.693	.00062	.00388	.00628	.04229	.44645	1.3979

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.00028	353.87	-.00122	.02825	1.2762	.00003	.00595
Stddev	.00063	.00062	2.41	.00022	.00024	.1198	.00027	.01682
%RSD	59.906	225.56	.68223	18.249	.85556	9.3890	906.01	282.56

#1	.00059	-.00069	351.12	-.00147	.02848	1.1832	.00000	-.01054
#2	.00177	-.00058	354.84	-.00104	.02827	1.2339	-.00023	.02308
#3	.00080	.00044	355.64	-.00114	.02800	1.4114	.00032	.00532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19947	.41153	.00209	-.00139	.00173	.0028	.04132	4.8856
Stddev	.00284	.00640	.00113	.00100	.00171	.0012	.00028	.0607
%RSD	1.4231	1.5552	53.935	72.414	98.835	40.74	.66980	1.2420

#1	.20228	.41880	.00095	-.00174	.00347	.0042	.04100	4.9214
#2	.19952	.40676	.00320	-.00025	.00005	.0022	.04150	4.9198
#3	.19661	.40903	.00212	-.00216	.00168	.0021	.04146	4.8155

Sample Name: K3158-08 Acquired: 6/28/2019 15:16:23 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.5144
Stddev	2.7143
%RSD	49.223

#1	3.4789
#2	4.4681
#3	8.5961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.3	27233.	1959.5	31.090	2420.7
Stddev	7.8	73.	5.9	1.017	10.4
%RSD	.31985	.26648	.30057	3.2729	.43070

#1	2427.4	27309.	1953.0	29.925	2410.8
#2	2428.2	27227.	1964.4	31.538	2419.7
#3	2441.3	27164.	1961.2	31.806	2431.6

Sample Name: K3158-08DUP Acquired: 6/28/2019 15:20:48 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	-.00206	.10356	.00234	-.00189	.09471	.09590	.00022
Stddev	.00168	.00075	.00168	.00353	.00141	.01840	.00140	.00003
%RSD	107.26	36.665	1.6239	150.43	74.545	19.426	1.4612	14.719

#1	.00063	-.00120	.10405	.00343	-.00335	.11516	.09608	.00021
#2	.00057	-.00261	.10495	-.00160	-.00176	.07949	.09442	.00025
#3	.00350	-.00236	.10169	.00520	-.00055	.08947	.09721	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	13.736	-.00008	.00424	.00543	.04180	.44974	1.3218
Stddev	.00006	.075	.00066	.00009	.00053	.00132	.00106	.0138
%RSD	289.18	.54555	806.66	2.1348	9.6742	3.1642	.23478	1.0465

#1	.00008	13.690	-.00015	.00424	.00514	.04261	.44946	1.3201
#2	.00001	13.697	-.00071	.00434	.00512	.04252	.44886	1.3364
#3	-.00003	13.823	.00061	.00416	.00604	.04028	.45091	1.3088

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.00022	359.34	-.00099	.02847	1.3005	-.00027	.00019
Stddev	.00055	.00012	.87	.00040	.00017	.0573	.00041	.00979
%RSD	52.426	54.773	.24262	40.653	.59203	4.4055	150.26	5289.6

#1	.00047	-.00017	359.02	-.00055	.02828	1.3590	-.00019	-.01010
#2	.00156	-.00036	358.67	-.00108	.02854	1.2979	-.00071	.00126
#3	.00112	-.00014	360.32	-.00135	.02859	1.2445	.00009	.00940

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19289	.40642	.00240	.00040	-.00175	.0069	.04138	5.1380
Stddev	.00526	.00106	.00117	.00113	.00150	.0010	.00026	.1608
%RSD	2.7251	.26035	48.564	284.41	85.791	15.28	.63401	3.1302

#1	.19678	.40721	.00107	-.00064	-.00174	.0080	.04123	5.1484
#2	.18691	.40522	.00290	.00160	-.00026	.0065	.04122	4.9722
#3	.19498	.40685	.00323	.00024	-.00326	.0060	.04168	5.2933

Sample Name: K3158-08DUP Acquired: 6/28/2019 15:20:48 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.3550
Stddev .8806
%RSD 13.857

#1 5.4325
#2 6.4456
#3 7.1867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.0	27132.	1968.6	32.823	2410.9
Stddev	1.6	26.	7.0	.782	1.7
%RSD	.06459	.09760	.35677	2.3839	.07024

#1	2420.6	27144.	1971.3	33.295	2412.8
#2	2421.6	27151.	1973.9	33.255	2409.5
#3	2423.7	27102.	1960.6	31.920	2410.3

Sample Name: K3158-08LX5 Acquired: 6/28/2019 15:25:14 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.00003	.02311	-.00168	-.00123	.02142	.02024	.00008
Stddev	.00293	.00102	.00045	.00263	.00143	.01469	.00079	.00005
%RSD	696.96	3318.1	1.9486	156.41	116.32	68.584	3.9004	64.735

#1	-.00028	-.00104	.02316	.00084	-.00255	.03501	.01950	.00010
#2	-.00342	-.00005	.02264	-.00441	-.00142	.00583	.02014	.00011
#3	.00244	.00100	.02354	-.00147	.00029	.02342	.02107	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	2.8657	-.00039	.00110	.00216	.01027	.09520	.25352
Stddev	.00016	.0276	.00075	.00008	.00053	.00029	.00057	.07767
%RSD	223.13	.96379	193.15	7.0271	24.759	2.7892	.59951	30.635

#1	.00008	2.8368	.00047	.00116	.00156	.01043	.09561	.33271
#2	-.00005	2.8683	-.00092	.00101	.00234	.00994	.09545	.25039
#3	-.00025	2.8918	-.00071	.00113	.00258	.01044	.09455	.17747

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	-.00062	73.354	-.00013	.00514	.42072	-.00055	.00911
Stddev	.00040	.00025	.286	.00031	.00007	.05766	.00001	.02881
%RSD	40.852	40.243	.39052	229.30	1.2808	13.705	1.9426	316.46

#1	-.00065	-.00046	73.038	.00014	.00507	.37644	-.00054	-.01546
#2	-.00085	-.00049	73.596	-.00008	.00520	.39979	-.00056	.00195
#3	-.00141	-.00091	73.427	-.00047	.00514	.48592	-.00055	.04082

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05956	.08895	.00049	-.00173	.00125	-.0005	.00862	4.5087
Stddev	.00171	.00340	.00078	.00055	.00085	.0012	.00023	.0938
%RSD	2.8678	3.8266	158.61	31.737	68.029	249.7	2.6107	2.0801

#1	.06050	.09023	.00138	-.00112	.00223	.0008	.00838	4.5847
#2	.06059	.08509	.00006	-.00219	.00085	-.0014	.00882	4.4039
#3	.05759	.09152	.00003	-.00188	.00068	-.0008	.00867	4.5375

Sample Name: K3158-08LX5 Acquired: 6/28/2019 15:25:14 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3204
Stddev	.4470
%RSD	33.853

#1	1.5340
#2	1.6204
#3	.80666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.4	27735.	1929.8	31.720	2570.2
Stddev	9.2	27.	7.5	1.309	12.1
%RSD	.37368	.09786	.39022	4.1278	.47029

#1	2464.4	27703.	1921.1	32.534	2561.7
#2	2478.9	27749.	1934.3	32.415	2584.0
#3	2461.8	27752.	1934.1	30.209	2564.8

Sample Name: K3158-08MS Acquired: 6/28/2019 15:29:40 Type: Unk
Method: P4-ICP2(v3241) 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	.79936	1.9853	1.1096	2.0426	.81412	2.0989	.31371	.20480	.20344
Stddev	.00449	.0042	.0016	.0062	.00317	.0143	.00257	.00113	.00029
%RSD	.56230	.21084	.14401	.30404	.38964	.68115	.82025	.54961	.14270
#1	.80376	1.9894	1.1110	2.0429	.81613	2.0873	.31440	.20463	.20376
#2	.79478	1.9854	1.1099	2.0486	.81576	2.1149	.31087	.20600	.20335
#3	.79954	1.9810	1.1079	2.0362	.81046	2.0945	.31588	.20377	.20320
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.501	.41028	.21296	.31686	3.1350	.67790	3.3998	.51413	.07299
Stddev	.274	.00023	.00041	.00069	.0092	.00081	.0221	.00088	.00097
%RSD	1.7668	.05556	.19126	.21736	.29350	.11939	.65059	.17074	1.3306
#1	15.503	.41023	.21336	.31716	3.1245	.67787	3.3757	.51448	.07400
#2	15.227	.41053	.21255	.31735	3.1420	.67872	3.4046	.51477	.07207
#3	15.774	.41008	.21297	.31607	3.1384	.67710	3.4192	.51313	.07289
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	373.92	.31718	.24057	12.127	.42242	.29157	.18639	1.3068	.72544
Stddev	.89	.00184	.00041	.104	.00083	.00938	.00320	.0118	.00342
%RSD	.23782	.58025	.17155	.85833	.19673	3.2179	1.7156	.89991	.47075
#1	373.46	.31886	.24060	12.103	.42150	.28161	.18404	1.3127	.72242
#2	374.94	.31747	.24097	12.037	.42312	.30024	.18511	1.2932	.72477
#3	373.35	.31522	.24015	12.241	.42263	.29285	.19003	1.3144	.72915
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20754	.21841	6.425	.29483	5.3868	3.1646			
Stddev	.00495	.00107	.012	.00430	.0229	1.0074			
%RSD	2.3872	.49019	.1845	1.4574	.42510	31.835			
#1	.21057	.21733	6.436	.29494	5.3613	2.9688			
#2	.20182	.21842	6.427	.29048	5.3933	2.2694			
#3	.21022	.21947	6.412	.29907	5.4057	4.2556			

Sample Name: K3158-08MS Acquired: 6/28/2019 15:29:40 Type: Unk
 Method: P4-ICP2(v3241) 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	2411.2	27312.	1959.7	31.935	2412.1
Stddev	2.5	57.	17.4	1.382	3.4
%RSD	.10499	.20884	.88899	4.3283	.13979
#1	2413.4	27250.	1949.7	33.180	2415.4
#2	2408.4	27325.	1979.8	32.177	2408.7
#3	2411.8	27362.	1949.6	30.448	2412.1

Sample Name: K3158-08MSD Acquired: 6/28/2019 15:33:50 Type: Unk
Method: P4-ICP2(v3241) 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	.80216	1.9876	1.1131	2.0461	.81496	2.1079	.31774	.20532	.20415
Stddev	.00122	.0020	.0007	.0045	.00340	.0093	.00069	.00033	.00033
%RSD	.15162	.09925	.06631	.21988	.41763	.44127	.21652	.16199	.16336

#1	.80076	1.9892	1.1123	2.0453	.81639	2.1031	.31736	.20558	.20379
#2	.80270	1.9883	1.1138	2.0421	.81107	2.1020	.31853	.20494	.20421
#3	.80301	1.9854	1.1133	2.0509	.81741	2.1186	.31731	.20544	.20445

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.744	.41084	.21375	.31671	3.1376	.68055	3.4831	.51585	.07251
Stddev	.045	.00199	.00077	.00111	.0032	.00131	.0534	.00101	.00088
%RSD	.28554	.48463	.35902	.35049	.10137	.19268	1.5330	.19492	1.2131

#1	15.693	.41187	.21287	.31725	3.1375	.68120	3.5447	.51633	.07156
#2	15.778	.41210	.21423	.31543	3.1408	.68141	3.4514	.51653	.07329
#3	15.761	.40854	.21415	.31744	3.1344	.67904	3.4531	.51470	.07268

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	378.57	.31597	.24100	12.253	.42305	.28797	.18772	1.3178	.72923
Stddev	2.21	.00281	.00043	.088	.00151	.01368	.00215	.0170	.00279
%RSD	.58435	.89006	.17709	.71508	.35691	4.7506	1.1443	1.2882	.38225

#1	376.03	.31331	.24059	12.153	.42178	.28839	.18766	1.3121	.72655
#2	379.65	.31891	.24144	12.312	.42264	.30144	.18561	1.3369	.72904
#3	380.04	.31568	.24096	12.295	.42472	.27409	.18990	1.3044	.73211

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20781	.22050	6.454	.29734	5.2702	2.7526
Stddev	.00436	.00214	.004	.00058	.1364	2.7309
%RSD	2.0962	.97237	.0632	.19585	2.5882	99.211

#1	.20329	.21818	6.453	.29668	5.4037	2.6659
#2	.21198	.22240	6.451	.29776	5.1311	.06610
#3	.20817	.22093	6.459	.29759	5.2758	5.5259

Sample Name: K3158-08MSD Acquired: 6/28/2019 15:33:50 Type: Unk
Method: P4-ICP2(v3241) 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	2410.0	27221.	1949.0	31.093	2409.4
Stddev	3.9	22.	3.9	.736	1.8
%RSD	.16043	.08087	.20144	2.3666	.07596
#1	2411.9	27196.	1947.8	31.151	2409.7
#2	2412.6	27227.	1945.9	31.798	2411.1
#3	2405.6	27239.	1953.4	30.330	2407.5

Sample Name: CCV05 Acquired: 6/28/2019 15:38:03 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2947	5.4104	5.2989	5.2971	5.3590	10.744	10.511
Stddev	.0110	.0051	.0038	.0045	.0075	.112	.013
%RSD	.20719	.09424	.07174	.08565	.14025	1.0454	.11967

#1	5.2884	5.4079	5.2956	5.2956	5.3670	10.660	10.525
#2	5.2882	5.4069	5.2979	5.3021	5.3520	10.700	10.509
#3	5.3073	5.4162	5.3031	5.2934	5.3581	10.872	10.500

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26812	2.6391	26.029	1.0384	2.6590	1.3369	5.2509
Stddev	.00032	.0007	.046	.0020	.0021	.0030	.0077
%RSD	.12100	.02787	.17708	.18929	.07867	.22441	.14672

#1	.26839	2.6382	26.018	1.0406	2.6567	1.3404	5.2594
#2	.26820	2.6394	26.080	1.0368	2.6607	1.3356	5.2443
#3	.26776	2.6395	25.990	1.0378	2.6596	1.3348	5.2490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6760	26.045	2.6317	1.3094	26.970	2.6042	2.6394
Stddev	.0050	.101	.0038	.0030	.050	.0054	.0016
%RSD	.18570	.38753	.14544	.22776	.18689	.20898	.05964

#1	2.6808	26.160	2.6327	1.3114	27.028	2.6093	2.6401
#2	2.6763	26.005	2.6350	1.3060	26.947	2.5985	2.6375
#3	2.6709	25.971	2.6275	1.3108	26.936	2.6047	2.6405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.461	5.3492	5.2359	5.4153	5.1179	5.3056	5.2331
Stddev	.112	.0052	.0200	.0125	.0093	.0071	.0241
%RSD	.42268	.09720	.38237	.23055	.18103	.13418	.46135

#1	26.567	5.3535	5.2165	5.4189	5.1121	5.3112	5.2161
#2	26.344	5.3435	5.2564	5.4014	5.1130	5.3081	5.2608
#3	26.472	5.3508	5.2347	5.4255	5.1286	5.2976	5.2225

Sample Name: CCV05 Acquired: 6/28/2019 15:38:03 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2837	5.445	F 5.5493	4.8877	F<.00000
Stddev	.0073	.010	.0212	.2002	.98927
%RSD	.13792	.1872	.38157	4.0952	95.704
#1	5.2887	5.455	5.5520	5.0002	-.06076
#2	5.2870	5.446	5.5690	5.0062	-2.0385
#3	5.2753	5.435	5.5269	4.6566	-1.0017
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.3	27621.	1932.9	30.612	2449.1
Stddev	3.0	133.	11.2	2.381	.9
%RSD	.12308	.48145	.58033	7.7792	.03586
#1	2433.7	27478.	1923.4	28.248	2449.4
#2	2438.8	27644.	1930.1	30.577	2449.8
#3	2433.5	27741.	1945.3	33.011	2448.1

Sample Name: CCB05 Acquired: 6/28/2019 15:46:30 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00119	.00126	-.00006	-.00315	-.00155	.00182
Stddev	.00199	.00125	.00040	.00175	.00229	.01059	.00086
%RSD	810.12	104.35	31.677	2702.4	72.777	683.50	47.080

#1	.00044	.00200	.00171	-.00135	-.00131	.00515	.00280
#2	-.00184	.00182	.00108	.00192	-.00242	.00396	.00128
#3	.00214	-.00024	.00098	-.00077	-.00572	-.01376	.00137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00000	.01260	-.00043	-.00007	.00082	.00093
Stddev	.00008	.00004	.01228	.00033	.00009	.00079	.00060
%RSD	44.758	2239.8	97.460	78.418	135.70	95.846	64.242

#1	.00012	-.00004	.00599	-.00034	-.00001	.00153	.00027
#2	.00027	-.00001	.02677	-.00014	-.00002	.00095	.00108
#3	.00015	.00005	.00504	-.00079	-.00018	-.00002	.00143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00644	-.00115	.00060	F .99586	.00031	-.00074
Stddev	.00011	.02591	.00024	.00097	.01818	.00017	.00005
%RSD	130.58	402.65	20.907	161.65	1.8260	55.256	6.7889

#1	-.00016	-.00512	-.00099	.00169	.97770	.00032	-.00070
#2	.00004	.03611	-.00142	-.00015	.99581	.00047	-.00073
#3	-.00013	-.01169	-.00103	.00025	1.0141	.00013	-.00080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11633	-.00008	-.00570	F .01881	-.00031	.00032	-.00104
Stddev	.02013	.00016	.02122	.00776	.00288	.00007	.00225
%RSD	17.303	197.39	372.20	41.221	919.81	21.303	216.64

#1	.11610	.00003	-.02499	.02503	.00293	.00029	.00100
#2	.09632	-.00026	-.00914	.02128	-.00129	.00028	-.00346
#3	.13658	-.00001	.01703	.01012	-.00258	.00040	-.00066

Sample Name: CCB05 Acquired: 6/28/2019 15:46:30 Type: Unk
Method: P4-ICP2(v3241) 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	-.00242	-.0023	-.00005	F 4.1696	F<.00000
Stddev	.00313	.0008	.00008	.1985	.68408
%RSD	129.22	35.97	177.39	4.7613	98.379
#1	-.00337	-.0032	-.00012	4.3726	-1.2916
#2	-.00497	-.0023	-.00006	3.9759	-.84591
#3	.00107	-.0015	.00004	4.1602	.05147
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.5	27941.	1907.0	31.680	2733.7
Stddev	8.6	155.	13.2	1.754	12.3
%RSD	.34601	.55644	.68970	5.5374	.44826
#1	2500.1	28064.	1891.9	31.618	2747.0
#2	2483.3	27767.	1915.5	33.464	2722.8
#3	2488.2	27994.	1913.6	29.957	2731.3

Sample Name: K3158-08A Acquired: 6/28/2019 15:50:59 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80904	2.0088	1.1217	2.0662	.82212	2.1041	.31599	.20726	.20572
Stddev	.01009	.0016	.0033	.0053	.00196	.0225	.00067	.00017	.00055
%RSD	1.2466	.08038	.29228	.25575	.23818	1.0680	.21219	.08250	.26530
#1	.81473	2.0106	1.1183	2.0604	.82304	2.0799	.31551	.20706	.20512
#2	.81499	2.0081	1.1220	2.0673	.81987	2.1082	.31676	.20735	.20585
#3	.79739	2.0076	1.1248	2.0708	.82344	2.1243	.31571	.20737	.20619
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.738	.41308	.21562	.32003	3.1669	.68661	3.4967	.51951	.07349
Stddev	.149	.00207	.00069	.00069	.0105	.00075	.0291	.00049	.00067
%RSD	.94621	.50092	.32221	.21578	.33216	.10913	.83166	.09518	.91771
#1	15.570	.41282	.21486	.32033	3.1713	.68575	3.5005	.51947	.07399
#2	15.787	.41527	.21577	.32052	3.1745	.68706	3.5237	.51904	.07273
#3	15.855	.41116	.21622	.31924	3.1549	.68702	3.4659	.52003	.07376
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	379.48	.31879	.24317	12.285	.42576	.32229	.18004	1.3287	.73487
Stddev	2.45	.00252	.00022	.120	.00128	.01413	.00045	.0116	.00174
%RSD	.64528	.79033	.09215	.97941	.30088	4.3833	.24719	.87424	.23709
#1	376.70	.32170	.24291	12.147	.42467	.30638	.18043	1.3233	.73440
#2	381.31	.31742	.24330	12.369	.42717	.32712	.18014	1.3208	.73342
#3	380.42	.31726	.24329	12.338	.42545	.33336	.17955	1.3421	.73680
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20719	.22185	6.533	.29813	5.6993	5.4061			
Stddev	.00438	.00227	.007	.00252	.1793	1.0643			
%RSD	2.1149	1.0243	.1137	.84593	3.1465	19.687			
#1	.20641	.22020	6.536	.29537	5.5375	4.4414			
#2	.20326	.22091	6.524	.29871	5.8921	5.2292			
#3	.21192	.22444	6.538	.30031	5.6681	6.5478			

Sample Name: K3158-08A Acquired: 6/28/2019 15:50:59 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW 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	2397.8	27049.	1933.5	29.845	2398.0
Stddev	6.6	91.	10.8	.533	4.8
%RSD	.27623	.33755	.55624	1.7874	.20100
#1	2403.4	26971.	1943.2	29.580	2403.3
#2	2390.5	27027.	1935.3	29.496	2393.9
#3	2399.4	27150.	1921.9	30.459	2396.8

Sample Name: K3520-01 Acquired: 6/28/2019 15:55:09 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-8R-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	.00041	.04269	.00360	.00011	.57505	.53900	.00017
Stddev	.00230	.00153	.00013	.00341	.00255	.00871	.00785	.00008
%RSD	158.10	375.87	.29324	94.648	2383.8	1.5139	1.4567	45.739

#1	.00116	.00193	.04282	.00734	.00175	.57473	.53325	.00010
#2	-.00234	-.00113	.04257	.00282	.00140	.56651	.53579	.00025
#3	-.00318	.00042	.04267	.00065	-.00283	.58391	.54794	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	76.590	.00105	.00094	.01431	7.8869	.33043	77.465
Stddev	.00009	.603	.00015	.00046	.00091	.0160	.00071	1.242
%RSD	49.404	.78709	14.494	48.289	6.3587	.20312	.21611	1.6035

#1	-.00026	76.119	.00105	.00069	.01485	7.8696	.33106	76.743
#2	-.00023	77.270	.00120	.00067	.01482	7.9012	.33057	76.753
#3	-.00008	76.382	.00090	.00147	.01326	7.8900	.32965	78.899

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	-.00002	339.04	.00124	.09011	61.883	.05589	1.7342
Stddev	.00078	.00063	2.48	.00016	.00007	.448	.00022	.0368
%RSD	64.674	2949.1	.73223	12.913	.07977	.72396	.39596	2.1218

#1	-.00206	-.00043	336.80	.00128	.09016	61.474	.05570	1.6998
#2	-.00053	-.00034	338.60	.00138	.09014	61.815	.05583	1.7299
#3	-.00103	.00071	341.71	.00107	.09002	62.362	.05613	1.7730

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6843	9.9368	.00918	.01076	.04958	1.227	1.0055	5.5874
Stddev	.0047	.1300	.00033	.00194	.00205	.001	.0089	.2168
%RSD	.17458	1.3085	3.5450	18.065	4.1349	.0847	.88564	3.8794

#1	2.6889	9.9610	.00899	.01300	.04765	1.226	1.0032	5.4265
#2	2.6796	10.053	.00956	.00952	.04936	1.226	1.0154	5.8339
#3	2.6845	9.7964	.00900	.00976	.05173	1.228	.99801	5.5017

Sample Name: K3520-01 Acquired: 6/28/2019 15:55:09 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-8R-062019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9742
 Stddev .8522
 %RSD 14.264

#1 6.8313
 #2 5.1271
 #3 5.9641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2340.6	26520.	1930.5	29.907	2314.2
Stddev	3.8	62.	20.7	1.000	6.7
%RSD	.16065	.23228	1.0709	3.3435	.29122

#1	2336.4	26462.	1923.0	30.825	2311.0
#2	2343.6	26584.	1914.5	28.841	2321.9
#3	2341.8	26514.	1953.8	30.056	2309.6

Sample Name: K3520-01DUP Acquired: 6/28/2019 15:59:31 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-8R-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	.00073	.04038	.00241	-.00042	.55984	.53736	.00016
Stddev	.00192	.00254	.00101	.00135	.00257	.00692	.00253	.00006
%RSD	56.183	349.71	2.4924	55.909	613.39	1.2366	.47063	38.924
#1	-.00459	.00027	.03980	.00088	.00203	.56529	.53725	.00013
#2	-.00120	.00347	.03979	.00292	-.00310	.55205	.53488	.00012
#3	-.00446	-.00156	.04154	.00342	-.00019	.56218	.53994	.00023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	76.604	.00144	.00079	.01397	7.8612	.32894	77.730
Stddev	.00014	.381	.00063	.00024	.00048	.0055	.00034	.908
%RSD	83.873	.49742	43.406	30.799	3.4261	.07024	.10379	1.1680
#1	-.00015	76.230	.00184	.00057	.01451	7.8667	.32897	76.768
#2	-.00003	76.590	.00177	.00076	.01361	7.8612	.32926	77.849
#3	-.00031	76.992	.00072	.00105	.01379	7.8557	.32858	78.572
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00054	338.71	.00142	.08984	61.854	.05522	1.7342
Stddev	.00044	.00069	.68	.00013	.00007	.100	.00058	.0210
%RSD	25.942	126.45	.20063	9.4913	.08154	.16234	1.0424	1.2117
#1	-.00173	-.00020	339.34	.00157	.08988	61.934	.05562	1.7127
#2	-.00215	-.00134	338.80	.00136	.08988	61.886	.05456	1.7351
#3	-.00126	-.00010	337.99	.00132	.08976	61.741	.05549	1.7547
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6632	9.9342	.00840	.01293	.04709	1.221	1.0064	5.6492
Stddev	.0044	.0180	.00100	.00107	.00018	.003	.0031	.0890
%RSD	.16355	.18157	11.950	8.2727	.39241	.2128	.31141	1.5746
#1	2.6626	9.9189	.00898	.01194	.04730	1.220	1.0028	5.7119
#2	2.6678	9.9296	.00897	.01279	.04698	1.224	1.0085	5.6882
#3	2.6592	9.9541	.00724	.01407	.04698	1.220	1.0079	5.5474

Sample Name: K3520-01DUP Acquired: 6/28/2019 15:59:31 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-8R-062019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.5643
 Stddev .2880
 %RSD 4.3869

#1 6.7911
 #2 6.6614
 #3 6.2403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2338.9	26457.	1924.5	30.433	2312.0
Stddev	3.5	115.	2.3	1.365	4.7
%RSD	.14910	.43615	.12115	4.4848	.20499

#1	2340.7	26328.	1922.2	30.040	2313.5
#2	2334.8	26491.	1924.3	29.307	2306.6
#3	2341.0	26551.	1926.9	31.951	2315.7

Sample Name: K3520-01LX5 Acquired: 6/28/2019 16:03:52 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8370 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	.00014	.01107	.00012	-.00263	.10647	.11076	.00011
Stddev	.00472	.00096	.00155	.00430	.00083	.01626	.00083	.00006
%RSD	139.93	680.60	13.980	3545.5	31.687	15.270	.75016	61.494

#1	.00079	-.00095	.00999	-.00352	-.00326	.12426	.11053	.00012
#2	-.00241	.00085	.01284	-.00099	-.00295	.09238	.11007	.00016
#3	-.00850	.00053	.01037	.00487	-.00168	.10278	.11169	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	16.288	.01693	.00044	.00459	1.7967	.07251	15.988
Stddev	.00003	.162	.00103	.00005	.00039	.0163	.00050	.230
%RSD	17.226	.99330	6.0806	12.185	8.4012	.90944	.68558	1.4399

#1	-.00018	16.106	.01812	.00050	.00499	1.8155	.07308	15.771
#2	-.00018	16.414	.01625	.00042	.00454	1.7868	.07224	16.229
#3	-.00013	16.346	.01643	.00040	.00422	1.7877	.07220	15.963

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00809	-.00002	69.656	.00043	.01889	12.490	.01339	.34095
Stddev	.00012	.00091	.485	.00071	.00014	.111	.00018	.01836
%RSD	1.4435	3732.4	.69615	166.12	.72901	.88514	1.3782	5.3838

#1	.00817	.00065	69.422	.00123	.01873	12.370	.01325	.32528
#2	.00815	-.00106	70.214	.00018	.01893	12.511	.01360	.36115
#3	.00796	.00033	69.332	-.00013	.01900	12.588	.01333	.33643

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54586	2.2076	.00168	.00338	.00867	.2409	.21449	5.0040
Stddev	.00490	.0182	.00007	.00201	.00154	.0015	.00071	.1699
%RSD	.89787	.82555	4.0500	59.551	17.709	.6258	.33163	3.3946

#1	.54836	2.2258	.00170	.00262	.00748	.2414	.21399	4.8281
#2	.54021	2.2077	.00160	.00566	.00813	.2392	.21530	5.1671
#3	.54901	2.1893	.00174	.00186	.01040	.2420	.21417	5.0169

Sample Name: K3520-01LX5 Acquired: 6/28/2019 16:03:52 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8370 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0205
Stddev	1.4553
%RSD	72.028

#1	2.0955
#2	3.4368
#3	.52910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.0	27292.	1910.2	30.953	2513.0
Stddev	9.6	117.	15.2	.289	6.1
%RSD	.39532	.42909	.79648	.93217	.24363

#1	2438.3	27174.	1895.9	30.955	2518.6
#2	2419.5	27294.	1908.4	30.663	2506.5
#3	2432.2	27408.	1926.2	31.240	2513.9

Sample Name: K3520-01MS Acquired: 6/28/2019 16:08:15 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-8R-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77750	1.9259	1.0162	1.9468	.78804	2.6878	.78612	.20367
Stddev	.00132	.0025	.0009	.0185	.00736	.0768	.00232	.00103
%RSD	.16943	.12827	.08753	.94809	.93448	2.8577	.29513	.50493
#1	.77871	1.9262	1.0157	1.9680	.79608	2.5992	.78344	.20264
#2	.77610	1.9282	1.0158	1.9349	.78163	2.7343	.78732	.20368
#3	.77769	1.9233	1.0173	1.9373	.78639	2.7300	.78759	.20470
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19583	83.783	.39602	.20349	.31062	11.356	.55302	85.856
Stddev	.00041	.483	.00134	.00070	.00168	.011	.00185	1.014
%RSD	.21082	.57626	.33779	.34560	.53996	.09266	.33382	1.1815
#1	.19630	83.528	.39656	.20401	.31127	11.346	.55119	84.710
#2	.19552	83.482	.39449	.20269	.30871	11.367	.55298	86.640
#3	.19568	84.340	.39700	.20377	.31187	11.355	.55489	86.217
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49356	.07131	367.23	.30748	.30133	77.036	.45842	2.1353
Stddev	.00103	.00108	2.52	.00130	.00010	.453	.00194	.0515
%RSD	.20800	1.5197	.68752	.42219	.03194	.58858	.42276	2.4128
#1	.49395	.07130	364.33	.30671	.30133	76.549	.45928	2.0824
#2	.49434	.07240	368.87	.30898	.30142	77.446	.45620	2.1853
#3	.49240	.07023	368.50	.30675	.30123	77.112	.45978	2.1381
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8138	F 11.575	.70135	.20622	.26193	7.704	1.3346	5.8920
Stddev	.0162	.008	.00279	.00199	.00370	.012	.0025	.1698
%RSD	.57613	.07220	.39777	.96301	1.4128	.1599	.19030	2.8820
#1	2.8292	11.583	.69842	.20807	.26068	7.693	1.3323	5.7371
#2	2.7969	11.574	.70397	.20412	.26609	7.717	1.3373	5.8654
#3	2.8153	11.567	.70168	.20647	.25901	7.702	1.3342	6.0736

Sample Name: K3520-01MS Acquired: 6/28/2019 16:08:15 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-8R-062019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.2014
Stddev	1.2164
%RSD	37.997

#1	4.4244
#2	3.1880
#3	1.9917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.4	26247.	1898.5	31.032	2291.9
Stddev	15.7	38.	6.9	1.161	10.7
%RSD	.67429	.14539	.36212	3.7421	.46866

#1	2311.2	26238.	1891.6	30.608	2283.1
#2	2342.6	26214.	1898.6	30.142	2303.9
#3	2325.3	26288.	1905.3	32.345	2288.8

Sample Name: K3520-01MSD Acquired: 6/28/2019 16:12:21 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-8R-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76319	1.9028	1.0077	1.9145	.78047	2.6610	.78660	.20188
Stddev	.00285	.0066	.0040	.0040	.00226	.0197	.00601	.00009
%RSD	.37359	.34853	.39168	.20975	.28962	.73922	.76396	.04477
#1	.76630	1.9017	1.0121	1.9191	.78301	2.6507	.78285	.20179
#2	.76070	1.9099	1.0063	1.9122	.77868	2.6486	.79353	.20187
#3	.76258	1.8968	1.0046	1.9121	.77971	2.6837	.78342	.20197
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19376	83.150	.39125	.20170	.30611	11.254	.54839	85.452
Stddev	.00021	.659	.00051	.00046	.00222	.024	.00075	1.234
%RSD	.10580	.79259	.13124	.23032	.72452	.21552	.13745	1.4437
#1	.19359	82.392	.39070	.20200	.30844	11.229	.54757	84.254
#2	.19371	83.479	.39172	.20194	.30587	11.255	.54856	86.718
#3	.19399	83.581	.39131	.20117	.30402	11.278	.54905	85.383
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48737	.07046	364.73	.30356	.29859	76.839	.45403	2.1673
Stddev	.00121	.00111	2.63	.00153	.00036	.571	.00108	.0575
%RSD	.24847	1.5757	.72196	.50325	.12067	.74351	.23679	2.6521
#1	.48597	.06987	361.69	.30254	.29897	76.207	.45518	2.1041
#2	.48806	.06977	366.36	.30284	.29826	77.319	.45388	2.1813
#3	.48807	.07174	366.14	.30532	.29852	76.990	.45304	2.2165
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7978	F 11.402	.69983	.20964	.25721	7.612	1.3170	5.8442
Stddev	.0128	.063	.00094	.00067	.00626	.015	.0114	.0196
%RSD	.45629	.54944	.13375	.31766	2.4330	.1927	.86532	.33597
#1	2.8115	11.389	.69896	.20890	.25125	7.626	1.3056	5.8358
#2	2.7957	11.347	.70082	.20981	.25664	7.611	1.3170	5.8301
#3	2.7862	11.470	.69972	.21019	.26373	7.597	1.3284	5.8666

Sample Name: K3520-01MSD Acquired: 6/28/2019 16:12:21 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-8R-062019 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7053
Stddev	.5897
%RSD	10.337

#1	6.1126
#2	5.0290
#3	5.9744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.8	26319.	1916.9	32.063	2288.8
Stddev	8.4	32.	9.8	1.253	6.2
%RSD	.36209	.12330	.51118	3.9089	.27245

#1	2318.7	26282.	1914.6	32.137	2281.7
#2	2329.5	26335.	1927.6	30.774	2291.2
#3	2335.3	26341.	1908.4	33.278	2293.4

Sample Name: K3520-01A Acquired: 6/28/2019 16:16:26 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8370 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76434	1.9018	1.0101	1.9160	.78035	2.6438	.78029	.20099
Stddev	.00426	.0022	.0008	.0073	.00208	.0294	.00392	.00007
%RSD	.55697	.11718	.08115	.37853	.26605	1.1118	.50298	.03644
#1	.76045	1.8996	1.0097	1.9244	.78140	2.6269	.77700	.20092
#2	.76369	1.9041	1.0111	1.9121	.78169	2.6268	.78464	.20106
#3	.76889	1.9016	1.0096	1.9116	.77796	2.6778	.77924	.20098
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19360	82.954	.38993	.20094	.30650	11.184	.54738	85.346
Stddev	.00022	.522	.00203	.00060	.00056	.034	.00107	.965
%RSD	.11348	.62933	.52010	.29930	.18325	.30397	.19574	1.1303
#1	.19376	82.391	.38856	.20119	.30665	11.177	.54756	84.429
#2	.19335	83.049	.38897	.20138	.30587	11.155	.54623	85.258
#3	.19369	83.423	.39226	.20026	.30696	11.221	.54836	86.352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48599	.06992	363.52	.30101	.29892	76.684	.45440	2.1466
Stddev	.00067	.00005	1.80	.00170	.00021	.413	.00041	.0181
%RSD	.13792	.06584	.49629	.56381	.07179	.53832	.09128	.84445
#1	.48653	.06987	361.59	.30085	.29913	76.358	.45423	2.1262
#2	.48620	.06992	363.83	.29941	.29870	76.547	.45488	2.1607
#3	.48524	.06997	365.16	.30279	.29892	77.148	.45410	2.1531
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7941	F 11.345	.69625	.20485	.25948	7.583	1.3143	5.9490
Stddev	.0104	.021	.00234	.00478	.00327	.004	.0046	.2202
%RSD	.37176	.18460	.33626	2.3340	1.2609	.0520	.35333	3.7017
#1	2.7855	11.346	.69359	.19950	.25606	7.584	1.3103	5.8702
#2	2.8056	11.366	.69717	.20870	.25982	7.578	1.3132	5.7791
#3	2.7911	11.324	.69800	.20635	.26257	7.586	1.3194	6.1978

Sample Name: K3520-01A Acquired: 6/28/2019 16:16:26 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8370 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6485
Stddev	.3889
%RSD	8.3653

#1	4.6425
#2	5.0402
#3	4.2626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.9	26419.	1918.8	31.070	2283.8
Stddev	4.1	14.	4.5	1.424	.8
%RSD	.17573	.05279	.23528	4.5832	.03374

#1	2321.7	26429.	1916.9	31.653	2283.3
#2	2316.5	26403.	1915.6	29.446	2283.4
#3	2324.5	26426.	1924.0	32.109	2284.7

Sample Name: K3520-02 Acquired: 6/28/2019 16:20:32 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SW-3-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	-.00041	.00460	.00335	-.00317	.20585	.04659	.00012
Stddev	.00423	.00054	.00102	.00173	.00182	.01456	.00053	.00012
%RSD	215.40	130.13	22.155	51.622	57.327	7.0707	1.1425	100.46
#1	.00058	-.00009	.00357	.00534	-.00507	.20533	.04659	-.00002
#2	-.00684	-.00103	.00561	.00228	-.00145	.19157	.04605	.00016
#3	.00038	-.00012	.00464	.00242	-.00299	.22066	.04712	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	70.866	.00090	.00014	.00353	.37622	.03680	16.747
Stddev	.00008	.707	.00042	.00010	.00048	.00215	.00010	.078
%RSD	24.518	.99745	46.987	74.694	13.614	.57199	.25824	.46681
#1	-.00025	70.057	.00137	.00023	.00386	.37382	.03669	16.764
#2	-.00041	71.174	.00055	.00003	.00375	.37797	.03685	16.816
#3	-.00038	71.366	.00078	.00015	.00298	.37688	.03686	16.662
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00022	39.241	.00098	.02114	3.6886	.00232	.05373
Stddev	.00046	.00039	.269	.00052	.00012	.0293	.00051	.00522
%RSD	166.74	179.15	.68673	53.694	.55403	.79359	21.924	9.7120
#1	-.00077	.00019	39.075	.00098	.02127	3.6976	.00173	.05177
#2	.00012	-.00059	39.552	.00150	.02111	3.7123	.00265	.05965
#3	-.00017	-.00025	39.096	.00045	.02104	3.6559	.00257	.04978
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.963	1.1622	-.00501	.00005	.00307	.0441	.63097	4.6862
Stddev	.038	.0060	.00087	.00178	.00115	.0012	.00446	.1133
%RSD	.22554	.52037	17.432	3594.2	37.528	2.676	.70622	2.4172
#1	17.003	1.1607	-.00588	-.00005	.00436	.0443	.62583	4.6142
#2	16.927	1.1689	-.00502	-.00168	.00270	.0428	.63362	4.6277
#3	16.958	1.1571	-.00413	.00188	.00215	.0452	.63347	4.8168

Sample Name: K3520-02 Acquired: 6/28/2019 16:20:32 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SW-3-062019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.00500
Stddev	.61902
%RSD	12377.

#1	.08730
#2	-.65105
#3	.57875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.4	27732.	1950.0	31.579	2552.3
Stddev	10.3	98.	6.4	2.646	8.8
%RSD	.42466	.35309	.32831	8.3775	.34484

#1	2438.1	27689.	1957.4	34.114	2561.0
#2	2418.7	27663.	1947.3	31.790	2543.4
#3	2422.4	27844.	1945.5	28.835	2552.6

Sample Name: K3520-04 Acquired: 6/28/2019 16:24:54 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SW-2-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	-.00084	.00513	.00223	-.00200	.04865	.12112	.00013
Stddev	.00284	.00126	.00047	.00185	.00093	.00533	.00114	.00007
%RSD	141.79	150.51	9.0989	82.639	46.681	10.961	.93817	53.400
#1	.00519	-.00186	.00475	.00431	-.00097	.04286	.12041	.00005
#2	.00104	.00057	.00500	.00078	-.00223	.04973	.12053	.00015
#3	-.00023	-.00121	.00565	.00161	-.00280	.05336	.12244	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	79.428	.00017	.00014	.00214	.25596	.03221	25.412
Stddev	.00009	.413	.00008	.00023	.00099	.00129	.00024	.256
%RSD	33.457	.51949	48.027	160.52	46.070	.50554	.75516	1.0090
#1	-.00018	79.001	.00009	.00003	.00319	.25631	.03238	25.153
#2	-.00029	79.457	.00017	-.00001	.00125	.25704	.03193	25.416
#3	-.00036	79.825	.00024	.00040	.00197	.25453	.03232	25.666
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00040	50.071	.00044	.01895	10.250	.00190	.24506
Stddev	.00026	.00056	.194	.00033	.00002	.115	.00038	.02477
%RSD	19.338	139.13	.38736	76.465	.11905	1.1252	20.022	10.109
#1	-.00104	.00024	50.122	.00017	.01893	10.117	.00200	.22545
#2	-.00154	-.00069	49.856	.00033	.01894	10.317	.00147	.23682
#3	-.00140	-.00077	50.234	.00081	.01897	10.316	.00221	.27290
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.592	1.0531	-.01041	-.00267	.01938	.0179	.94987	4.8723
Stddev	.062	.0103	.00052	.00191	.00215	.0021	.00249	.0759
%RSD	.20348	.97974	4.9573	71.508	11.075	11.89	.26163	1.5574
#1	30.641	1.0649	-.00997	-.00296	.02177	.0183	.95264	4.9381
#2	30.614	1.0492	-.01029	-.00063	.01762	.0156	.94912	4.7893
#3	30.522	1.0454	-.01098	-.00442	.01874	.0198	.94785	4.8896

Sample Name: K3520-04 Acquired: 6/28/2019 16:24:54 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SW-2-062019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6416
Stddev	1.1302
%RSD	68.850

#1	1.4282
#2	2.8633
#3	.63323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.2	27578.	1943.7	30.949	2524.0
Stddev	3.4	99.	14.3	.167	5.8
%RSD	.13897	.35766	.73403	.54040	.23126

#1	2413.4	27470.	1931.2	31.107	2518.7
#2	2419.1	27599.	1940.7	30.774	2522.9
#3	2419.3	27664.	1959.3	30.966	2530.3

Sample Name: K3520-06 Acquired: 6/28/2019 16:29:16 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-9R-062419 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	.00026	.03358	.00332	-.00110	.63190	.16815	.00003
Stddev	.00276	.00082	.00003	.00365	.00174	.01508	.00138	.00002
%RSD	154.03	314.86	.10344	109.94	157.80	2.3858	.82058	46.991

#1	.00494	-.00042	.03360	.00310	-.00037	.64925	.16733	.00004
#2	-.00015	.00003	.03359	-.00021	.00015	.62197	.16738	.00002
#3	.00057	.00117	.03354	.00708	-.00309	.62448	.16975	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	22.858	.00228	.00114	.01507	2.1559	.04442	12.994
Stddev	.00006	.025	.00037	.00017	.00081	.0054	.00021	.119
%RSD	38.352	.11084	16.213	14.637	5.3544	.25172	.46663	.91786

#1	.00017	22.850	.00197	.00132	.01552	2.1509	.04439	12.889
#2	.00008	22.886	.00269	.00099	.01556	2.1553	.04423	12.969
#3	.00019	22.837	.00217	.00112	.01414	2.1617	.04464	13.123

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00023	201.27	.00162	.10433	31.364	.04504	1.0389
Stddev	.00012	.00035	1.13	.00034	.00016	.310	.00045	.0327
%RSD	6.0555	153.38	.55938	21.270	.15610	.98719	1.0023	3.1464

#1	.00208	-.00049	200.05	.00185	.10430	31.027	.04453	1.0263
#2	.00202	.00017	201.47	.00122	.10419	31.431	.04521	1.0145
#3	.00185	-.00037	202.28	.00178	.10451	31.635	.04539	1.0761

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98768	4.7316	.00949	.00820	.00904	1.783	.25112	4.9134
Stddev	.00731	.0109	.00022	.00193	.00264	.006	.00090	.0653
%RSD	.73995	.22988	2.3237	23.521	29.174	.3148	.35658	1.3296

#1	.98409	4.7195	.00926	.00948	.00608	1.786	.25018	4.9142
#2	.99609	4.7406	.00952	.00598	.00990	1.777	.25196	4.9783
#3	.98286	4.7348	.00970	.00914	.01114	1.787	.25123	4.8477

Sample Name: K3520-06 Acquired: 6/28/2019 16:29:16 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-9R-062419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.7447
Stddev	.4156
%RSD	8.7593

#1	4.3131
#2	4.7787
#3	5.1422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.5	27118.	1955.0	32.469	2444.7
Stddev	1.7	37.	14.7	2.268	4.4
%RSD	.07246	.13814	.75068	6.9863	.17923

#1	2395.5	27075.	1948.7	33.400	2439.9
#2	2398.8	27146.	1944.5	29.883	2448.6
#3	2398.1	27132.	1971.8	34.123	2445.6

Sample Name: CCV06 Acquired: 6/28/2019 16:33:39 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15199 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3249	5.4163	5.3290	5.3000	5.3714	10.776	10.498	.27004
Stddev	.0187	.0126	.0072	.0102	.0078	.235	.130	.00057
%RSD	.35221	.23211	.13542	.19321	.14570	2.1844	1.2372	.20984
#1	5.3037	5.4028	5.3211	5.2942	5.3674	10.555	10.362	.26981
#2	5.3394	5.4277	5.3352	5.2941	5.3804	11.024	10.621	.27069
#3	5.3315	5.4185	5.3308	5.3119	5.3663	10.750	10.510	.26963
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6441	26.037	1.0418	2.6676	1.3389	5.2723	2.6906	26.232
Stddev	.0043	.174	.0052	.0048	.0039	.0122	.0045	.397
%RSD	.16143	.66868	.49518	.18008	.28869	.23069	.16532	1.5134
#1	2.6405	25.852	1.0359	2.6624	1.3430	5.2730	2.6876	25.890
#2	2.6488	26.060	1.0440	2.6719	1.3353	5.2841	2.6957	26.667
#3	2.6430	26.198	1.0456	2.6684	1.3386	5.2598	2.6885	26.139
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6322	1.3127	26.412	2.6089	2.6528	26.538	5.3579	5.2170
Stddev	.0039	.0026	.323	.0022	.0025	.359	.0027	.0584
%RSD	.14951	.19915	1.2227	.08630	.09439	1.3522	.05040	1.1187
#1	2.6284	1.3100	26.064	2.6064	2.6511	26.180	5.3576	5.1680
#2	2.6362	1.3130	26.703	2.6107	2.6557	26.898	5.3607	5.2816
#3	2.6320	1.3152	26.469	2.6095	2.6517	26.535	5.3553	5.2015
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4192	5.1293	5.3136	5.2388	5.2726	5.450	F 5.5397	5.1636
Stddev	.0086	.0683	.0048	.0282	.0158	.016	.0270	.1338
%RSD	.15841	1.3308	.08988	.53862	.30034	.3016	.48673	2.5908
#1	5.4151	5.1478	5.3178	5.2109	5.2669	5.433	5.5312	5.3039
#2	5.4291	5.0538	5.3146	5.2382	5.2604	5.450	5.5180	5.1494
#3	5.4135	5.1865	5.3084	5.2673	5.2905	5.466	5.5699	5.0374

Sample Name: CCV06 Acquired: 6/28/2019 16:33:39 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15199 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .79802
Stddev	.50896
%RSD	63.778

#1	1.3771
#2	.42184
#3	.59508

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.6	27433.	1921.0	30.490	2445.1
Stddev	1.4	111.	16.0	.238	3.8
%RSD	.05731	.40455	.83431	.77935	.15559

#1	2430.2	27513.	1908.3	30.720	2449.1
#2	2427.9	27306.	1939.0	30.504	2441.5
#3	2427.7	27478.	1915.5	30.246	2444.6

Sample Name: CCB06 Acquired: 6/28/2019 16:37:37 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15199 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.00019	.00139	.00329	.00112	.00689	.00130	.00022
Stddev	.00233	.00021	.00044	.00065	.00295	.01807	.00041	.00003
%RSD	850.17	106.72	31.404	19.752	262.91	262.16	31.342	14.952
#1	.00131	.00038	.00140	.00254	.00233	.01037	.00121	.00026
#2	.00081	-.00003	.00181	.00373	-.00224	-.01266	.00175	.00019
#3	-.00295	.00023	.00094	.00359	.00328	.02298	.00095	.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00705	-.00026	.00019	.00120	.00288	-.00003	-.04652
Stddev	.00006	.02516	.00004	.00015	.00045	.00121	.00012	.08921
%RSD	280.70	357.16	17.250	78.756	37.779	42.055	390.80	191.76
#1	.00001	-.02127	-.00021	.00023	.00156	.00335	-.00016	.01768
#2	.00009	.01558	-.00030	.00033	.00135	.00378	.00002	-.00886
#3	-.00003	.02683	-.00026	.00003	.00069	.00150	.00006	-.14839
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	.00078	F .65202	.00012	-.00067	.11577	.00072	-.00608
Stddev	.00033	.00068	.01672	.00031	.00008	.05548	.00020	.01441
%RSD	36.071	88.044	2.5651	259.57	12.519	47.920	27.044	237.07
#1	-.00123	.00009	.64100	.00042	-.00058	.09769	.00093	-.01378
#2	-.00090	.00079	.67126	-.00020	-.00074	.17804	.00054	.01055
#3	-.00058	.00145	.64379	.00014	-.00070	.07159	.00070	-.01501
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01099	.00216	-.00042	-.00056	.00001	-.0027	.00004	F 4.1570
Stddev	.00102	.00240	.00069	.00289	.00192	.0006	.00012	.1552
%RSD	9.2587	110.75	163.94	519.33	27029.	22.58	335.49	3.7334
#1	.01080	.00445	.00031	.00222	-.00184	-.0022	.00014	4.0270
#2	.01209	-.00033	-.00052	-.00035	.00199	-.0025	.00006	4.1151
#3	.01008	.00237	-.00105	-.00355	-.00014	-.0034	-.00009	4.3289

Sample Name: CCB06 Acquired: 6/28/2019 16:37:37 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15199 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .38287
Stddev 1.1591
%RSD 302.74

#1 -.07562
#2 -.47687
#3 1.7011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.9	28086.	1915.1	31.474	2744.7
Stddev	10.2	77.	7.6	1.373	3.7
%RSD	.40836	.27483	.39503	4.3614	.13429

#1	2503.7	28000.	1906.4	33.059	2744.7
#2	2509.3	28110.	1918.4	30.705	2748.4
#3	2489.5	28148.	1920.4	30.659	2741.0

Sample Name: K3542-01 Acquired: 6/28/2019 16:42:05 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-6R-062519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	.00164	.00734	.00361	-.00115	.80671	.18547	.00010
Stddev	.00213	.00082	.00218	.00210	.00245	.00995	.00256	.00007
%RSD	88.401	50.014	29.711	58.079	212.95	1.2338	1.3777	74.757
#1	.00004	.00252	.00841	.00579	-.00365	.79525	.18275	.00014
#2	-.00347	.00151	.00483	.00343	.00124	.81171	.18583	.00013
#3	-.00381	.00089	.00878	.00161	-.00104	.81318	.18782	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	243.51	-.00106	.00065	.01012	30.335	1.2935	86.416
Stddev	.00004	2.53	.00068	.00018	.00030	.058	.0013	1.220
%RSD	7.0353	1.0396	63.860	27.053	2.9242	.19131	.09937	1.4119
#1	-.00055	240.91	-.00157	.00083	.00978	30.270	1.2926	85.144
#2	-.00053	243.63	-.00133	.00063	.01032	30.354	1.2949	86.526
#3	-.00048	245.97	-.00029	.00048	.01026	30.382	1.2928	87.577
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00675	-.00148	167.94	-.00136	.03976	25.894	.00180	1.2833
Stddev	.00044	.00033	1.73	.00027	.00006	.409	.00034	.0407
%RSD	6.5597	22.568	1.0309	19.895	.14163	1.5778	18.670	3.1750
#1	-.00703	-.00170	166.36	-.00146	.03972	25.467	.00194	1.2364
#2	-.00698	-.00164	167.67	-.00105	.03983	25.934	.00203	1.3031
#3	-.00624	-.00110	169.79	-.00156	.03974	26.281	.00141	1.3103
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0335	F 18.277	.00532	.00843	.14704	.8620	2.7305	5.6890
Stddev	.0103	.071	.00134	.00175	.00170	.0038	.0191	.0607
%RSD	.99164	.38711	25.221	20.808	1.1551	.4353	.69985	1.0663
#1	1.0423	18.311	.00685	.01040	.14871	.8580	2.7118	5.6190
#2	1.0360	18.323	.00432	.00786	.14710	.8654	2.7298	5.7223
#3	1.0222	18.195	.00480	.00703	.14532	.8626	2.7500	5.7257

Sample Name: K3542-01 Acquired: 6/28/2019 16:42:05 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-6R-062519 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.0315
Stddev	.4414
%RSD	14.561

#1	3.1730
#2	2.5367
#3	3.3848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.5	26319.	1929.0	30.688	2283.2
Stddev	6.7	78.	5.5	.593	3.9
%RSD	.28851	.29761	.28321	1.9308	.17083

#1	2300.5	26257.	1922.8	30.613	2278.8
#2	2308.4	26407.	1932.7	30.138	2284.8
#3	2313.7	26293.	1931.6	31.315	2286.1

Sample Name: K3542-02 Acquired: 6/28/2019 16:46:28 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-DUP-06251 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	.00122	.00759	.00646	-.00028	.75264	.20524	.00003
Stddev	.00393	.00117	.00079	.00059	.00220	.01890	.00101	.00011
%RSD	210.70	96.156	10.352	9.0890	784.69	2.5115	.49154	407.62
#1	-.00627	.00249	.00849	.00686	.00089	.73259	.20443	-.00008
#2	.00129	.00018	.00702	.00579	-.00282	.75521	.20637	.00014
#3	-.00061	.00098	.00727	.00675	.00109	.77013	.20492	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	270.95	-.00149	.00067	.01013	33.745	1.4300	94.683
Stddev	.00003	4.20	.00023	.00016	.00055	.046	.0024	.526
%RSD	9.3254	1.5519	15.256	24.390	5.4324	.13682	.17104	.55591
#1	-.00037	266.25	-.00174	.00068	.00950	33.731	1.4323	94.450
#2	-.00033	272.27	-.00129	.00050	.01049	33.797	1.4274	95.285
#3	-.00031	274.34	-.00145	.00083	.01041	33.708	1.4301	94.312
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00682	-.00183	184.32	-.00149	.04606	28.807	.00180	1.4745
Stddev	.00028	.00062	1.04	.00050	.00024	.167	.00044	.0468
%RSD	4.0628	34.062	.56460	33.580	.51382	.57881	24.192	3.1708
#1	-.00712	-.00111	183.12	-.00206	.04625	28.876	.00227	1.4206
#2	-.00657	-.00219	184.99	-.00116	.04613	28.928	.00140	1.5006
#3	-.00677	-.00220	184.85	-.00124	.04579	28.617	.00173	1.5025
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1019	F 19.997	.00507	.00510	.17429	.9464	3.0425	5.6660
Stddev	.0032	.188	.00124	.00540	.00247	.0032	.0388	.0904
%RSD	.28599	.94154	24.474	105.78	1.4158	.3352	1.2747	1.5946
#1	1.1054	19.806	.00628	.00564	.17158	.9428	2.9989	5.7213
#2	1.1008	20.002	.00380	.01020	.17490	.9479	3.0555	5.5618
#3	1.0994	20.182	.00512	-.00054	.17640	.9485	3.0731	5.7150

Sample Name: K3542-02 Acquired: 6/28/2019 16:46:28 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-DUP-06251 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9354
Stddev	.8562
%RSD	21.756

#1	2.9728
#2	4.6117
#3	4.2217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.7	26337.	1917.5	30.445	2262.0
Stddev	7.0	125.	9.9	1.178	5.7
%RSD	.30639	.47309	.51527	3.8692	.25395

#1	2288.7	26262.	1928.9	30.025	2256.4
#2	2300.8	26268.	1913.1	29.534	2267.9
#3	2288.7	26481.	1910.7	31.775	2261.5

Sample Name: K3542-03 Acquired: 6/28/2019 16:50:51 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SW-1-062519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00077	.00747	.00188	-.00342	.27077	.18739	.00019
Stddev	.00432	.00126	.00245	.00165	.00137	.01837	.00232	.00013
%RSD	255.62	163.56	32.843	87.916	40.193	6.7849	1.2365	69.228
#1	-.00645	-.00121	.00754	.00379	-.00484	.28536	.18499	.00026
#2	.00200	.00065	.00989	.00089	-.00332	.27680	.18757	.00004
#3	-.00063	-.00174	.00498	.00097	-.00210	.25014	.18961	.00026
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	87.815	.00185	.00034	.00471	.93789	.08991	28.308
Stddev	.00008	.104	.00041	.00044	.00022	.00678	.00037	.431
%RSD	35.924	.11852	22.023	129.66	4.7515	.72251	.40713	1.5209
#1	-.00013	87.834	.00232	.00084	.00482	.93160	.08983	27.811
#2	-.00029	87.703	.00162	.00013	.00487	.94507	.09032	28.548
#3	-.00023	87.909	.00161	.00004	.00446	.93700	.08960	28.565
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00049	70.919	.00078	.04862	14.285	.00258	.46668
Stddev	.00027	.00036	.820	.00007	.00006	.261	.00041	.02377
%RSD	42.890	72.807	1.1562	8.6235	.11913	1.8236	15.984	5.0929
#1	.00036	-.00060	70.027	.00081	.04857	13.995	.00220	.49412
#2	.00064	-.00079	71.089	.00070	.04861	14.361	.00253	.45371
#3	.00091	-.00009	71.640	.00082	.04868	14.499	.00302	.45222
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.729	4.1627	-.00191	.00467	.02436	.0983	.61168	5.0463
Stddev	.007	.0239	.00016	.00295	.00179	.0015	.00350	.1361
%RSD	.06001	.57389	8.4425	63.073	7.3473	1.543	.57289	2.6977
#1	11.721	4.1855	-.00185	.00517	.02424	.0972	.60803	5.1981
#2	11.734	4.1648	-.00178	.00151	.02263	.1000	.61201	4.9351
#3	11.732	4.1378	-.00209	.00734	.02621	.0976	.61502	5.0057

Sample Name: K3542-03 Acquired: 6/28/2019 16:50:51 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SW-1-062519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8993
Stddev	.4398
%RSD	23.154

#1	2.4008
#2	1.5797
#3	1.7173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.0	27258.	1931.3	31.193	2490.7
Stddev	7.6	91.	16.4	1.338	4.2
%RSD	.31857	.33324	.84749	4.2890	.16746

#1	2388.2	27247.	1912.9	32.044	2488.5
#2	2401.1	27354.	1944.1	29.651	2488.0
#3	2401.7	27173.	1936.9	31.885	2495.5

Sample Name: K3542-04 Acquired: 6/28/2019 16:55:14 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1-062519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00862	.00405	.00005	.00913	.00231	.25799	1.7616
Stddev	.00249	.00107	.00151	.00386	.00452	.03892	.0085
%RSD	28.944	26.339	2860.0	42.251	195.68	15.085	.48204

#1	-.00613	.00463	.00172	.00829	-.00115	.27547	1.7531
#2	-.00859	.00282	-.00122	.00576	.00066	.21340	1.7701
#3	-.01112	.00471	-.00035	.01334	.00742	.28511	1.7618

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00317	244.38	-.00769	.00070	.00865	117.37
Stddev	.00014	.00023	.93	.00049	.00022	.00129	.20
%RSD	49.619	7.3674	.37962	6.3594	31.629	14.882	.16840

#1	.00031	-.00299	244.75	-.00760	.00089	.01010	117.15
#2	.00013	-.00309	245.07	-.00726	.00046	.00765	117.52
#3	.00040	-.00343	243.33	-.00822	.00077	.00820	117.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87448	106.93	-.01454	-.00580	202.65	.00210	.10144
Stddev	.00188	.73	.00015	.00070	.92	.00015	.00019
%RSD	.21524	.68715	1.0471	12.124	.45556	6.9309	.18758

#1	.87663	106.09	-.01438	-.00660	201.81	.00215	.10160
#2	.87369	107.38	-.01456	-.00526	203.64	.00221	.10150
#3	.87312	107.34	-.01468	-.00554	202.49	.00194	.10123

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.837	-.00014	1.9625	1.5464	F 32.779	.00849	.00058
Stddev	.520	.00048	.0413	.0080	.212	.00067	.00189
%RSD	.75558	354.12	2.1047	.51668	.64536	7.8424	325.14

#1	68.311	-.00037	1.9175	1.5541	33.023	.00883	.00260
#2	69.351	.00042	1.9986	1.5381	32.663	.00892	-.00116
#3	68.849	-.00045	1.9713	1.5469	32.650	.00773	.00030

Sample Name: K3542-04 Acquired: 6/28/2019 16:55:14 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-1-062519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18395	4.965	3.0514	5.0536	F<.00000
Stddev	.00218	.007	.0163	.0912	.29561
%RSD	1.1829	.1412	.53393	1.8056	11.811

#1	.18638	4.973	3.0610	5.1085	-2.4186
#2	.18218	4.963	3.0606	5.1040	-2.8315
#3	.18328	4.959	3.0326	4.9483	-2.2586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.8	26133.	1917.6	30.106	2228.6
Stddev	5.0	46.	11.9	.932	12.5
%RSD	.22045	.17718	.61994	3.0968	.56226

#1	2277.4	26120.	1904.7	29.031	2219.1
#2	2278.4	26094.	1920.1	30.592	2223.8
#3	2286.6	26184.	1928.1	30.694	2242.8

Sample Name: K3542-05 Acquired: 6/28/2019 16:59:42 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-10-062519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00540	-.00031	.00744	.00526	-.00286	.12467	1.7578	.00001
Stddev	.00344	.00242	.00140	.00205	.00202	.00384	.0020	.00007
%RSD	63.649	778.55	18.814	38.947	70.635	3.0835	.11477	699.47
#1	-.00427	.00199	.00666	.00739	-.00324	.12910	1.7558	.00006
#2	-.00267	-.00283	.00660	.00330	-.00466	.12236	1.7577	-.00007
#3	-.00926	-.00009	.00905	.00509	-.00068	.12253	1.7598	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	193.21	-.00361	.00347	.00734	18.400	1.6425	106.09
Stddev	.00013	.86	.00017	.00015	.00009	.032	.0022	.75
%RSD	13.784	.44607	4.7622	4.3664	1.2380	.17251	.13512	.70690
#1	-.00081	192.43	-.00370	.00338	.00741	18.380	1.6449	105.38
#2	-.00107	193.07	-.00341	.00338	.00737	18.437	1.6422	106.01
#3	-.00092	194.13	-.00372	.00364	.00724	18.384	1.6405	106.87
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.00111	327.15	-.00440	.04916	116.08	.00635	4.2317
Stddev	.00021	.00056	.27	.00077	.00022	.11	.00049	.0369
%RSD	11.117	50.771	.08289	17.537	.44079	.09563	7.7241	.87081
#1	.00198	-.00076	326.87	-.00385	.04915	116.00	.00681	4.2062
#2	.00210	-.00081	327.16	-.00528	.04895	116.04	.00584	4.2150
#3	.00168	-.00176	327.41	-.00407	.04939	116.21	.00640	4.2740
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4691	F 22.581	.00135	-.00652	.24393	.3709	2.2812	5.9255
Stddev	.0241	.056	.00093	.00104	.00174	.0016	.0066	.0802
%RSD	.25416	.24817	69.276	15.970	.71522	.4251	.28855	1.3533
#1	9.4885	22.520	.00218	-.00652	.24212	.3696	2.2737	5.8343
#2	9.4421	22.629	.00034	-.00757	.24407	.3727	2.2841	5.9852
#3	9.4766	22.594	.00151	-.00548	.24560	.3706	2.2859	5.9568

Sample Name: K3542-05 Acquired: 6/28/2019 16:59:42 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-10-062519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.2416
Stddev	1.0365
%RSD	14.313

#1	8.4202
#2	6.8328
#3	6.4718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.1	25968.	1910.5	29.372	2262.2
Stddev	10.0	79.	6.2	2.045	9.9
%RSD	.43754	.30406	.32393	6.9629	.43703

#1	2280.9	25953.	1915.6	31.072	2250.8
#2	2300.3	25897.	1903.6	27.102	2267.2
#3	2295.0	26053.	1912.2	29.943	2268.5

Sample Name: K3158-07 Acquired: 6/28/2019 17:04:04 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24194	.67970	1.0633	.54439	.05148	89.759	.52232
Stddev	.00568	.02053	.0063	.00886	.00113	.727	.00440
%RSD	2.3471	3.0208	.59212	1.6279	2.1917	.81002	.84160

#1	.24845	.69975	1.0703	.55432	.05050	88.930	.51743
#2	.23935	.68063	1.0615	.54154	.05271	90.289	.52596
#3	.23801	.65872	1.0581	.53730	.05124	90.057	.52357

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06685	.06832	56.609	.27490	.18707	.47553	190.01
Stddev	.00083	.00150	.363	.00093	.00160	.00403	.86
%RSD	1.2453	2.1944	.64062	.33851	.85527	.84848	.45328

#1	.06771	.06988	56.801	.27590	.18861	.47958	189.13
#2	.06680	.06818	56.834	.27406	.18717	.47551	190.04
#3	.06604	.06689	56.190	.27473	.18542	.47151	190.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3090	63.810	.36570	.00608	6.8319	.40616	.71949
Stddev	.0095	.578	.00390	.00042	.0542	.00043	.00159
%RSD	.28585	.90630	1.0653	6.9373	.79393	.10628	.22129

#1	3.3011	63.195	.37010	.00632	6.7785	.40641	.72122
#2	3.3064	64.343	.36429	.00560	6.8869	.40567	.71916
#3	3.3195	63.892	.36270	.00633	6.8303	.40641	.71809

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.675	.11686	.24622	5.0942	2.2594	.24671	3.4958
Stddev	.057	.00228	.01315	.0041	.0670	.00520	.0051
%RSD	.36284	1.9492	5.3406	.07995	2.9675	2.1067	.14686

#1	15.631	.11918	.25739	5.0981	2.3259	.25198	3.5017
#2	15.655	.11676	.24954	5.0944	2.2605	.24655	3.4932
#3	15.739	.11463	.23173	5.0900	2.1918	.24159	3.4925

Sample Name: K3158-07 Acquired: 6/28/2019 17:04:04 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21272	F 11.82	.00678	<.00000	F<.00000
Stddev	.00073	.04	.00138	.38266	2.4255
%RSD	.34392	.3175	20.330	24.687	9.5939
#1	.21350	11.85	.00784	-1.9703	-26.640
#2	.21264	11.83	.00729	-1.4581	-22.481
#3	.21204	11.77	.00523	-1.2217	-26.724
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.1	34170.	2403.8	30.854	2419.4
Stddev	2.9	105.	27.9	.889	2.7
%RSD	.09715	.30782	1.1617	2.8821	.11045
#1	3033.5	34275.	2372.2	30.382	2422.0
#2	3029.0	34169.	2413.7	31.879	2419.7
#3	3027.9	34065.	2425.3	30.300	2416.7

Sample Name: K3158-07DUP Acquired: 6/28/2019 17:08:28 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56681	1.7481	1.5822	1.3388	.12209	93.811	.61479
Stddev	.01644	.0636	.0291	.0457	.00198	.732	.00459
%RSD	2.9002	3.6361	1.8388	3.4146	1.6217	.78043	.74727

#1	.58494	1.8072	1.6080	1.3809	.12208	92.966	.61007
#2	.56260	1.7562	1.5880	1.3451	.12408	94.260	.61925
#3	.55289	1.6809	1.5506	1.2902	.12012	94.207	.61504

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15923	.17530	48.581	.47188	.31091	.78925	194.09
Stddev	.00192	.00643	.086	.00275	.00723	.01783	.97
%RSD	1.2060	3.6665	.17683	.58202	2.3268	2.2594	.49763

#1	.16127	.18142	48.606	.47428	.31789	.80626	192.99
#2	.15898	.17588	48.651	.47247	.31139	.79080	194.82
#3	.15745	.16860	48.485	.46888	.30345	.77070	194.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4795	60.374	.66532	.03743	8.3487	.53857	.87510
Stddev	.0050	.404	.01705	.00093	.0662	.00316	.00913
%RSD	.14362	.66847	2.5627	2.4918	.79309	.58644	1.0438

#1	3.4848	59.917	.68202	.03738	8.2724	.54142	.88279
#2	3.4749	60.680	.66600	.03838	8.3911	.53912	.87751
#3	3.4790	60.526	.64794	.03652	8.3826	.53518	.86500

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.418	.28511	.35812	6.4294	2.3372	.60001	3.7834
Stddev	.166	.00919	.00805	.0573	.0330	.01879	.0150
%RSD	.81361	3.2227	2.2479	.89132	1.4103	3.1308	.39528

#1	20.258	.29380	.34883	6.4956	2.3727	.61839	3.7689
#2	20.590	.28603	.36240	6.3957	2.3313	.60079	3.7988
#3	20.407	.27549	.36312	6.3970	2.3076	.58084	3.7825

Sample Name: K3158-07DUP Acquired: 6/28/2019 17:08:28 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31214	F 16.18	.12222	<.00000	F<.00000
Stddev	.00227	.25	.00178	.08441	.85620
%RSD	.72669	1.556	1.4543	5.5051	3.2091
#1	.30976	16.42	.12336	-1.5988	-26.971
#2	.31237	16.19	.12313	-1.5633	-27.353
#3	.31428	15.92	.12017	-1.4381	-25.716
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.4	34593.	2438.9	31.392	2395.7
Stddev	9.1	14.	19.4	1.087	6.0
%RSD	.29657	.03947	.79699	3.4627	.24987
#1	3079.7	34581.	2417.7	31.044	2402.6
#2	3062.4	34590.	2443.2	30.522	2391.8
#3	3066.0	34608.	2455.9	32.611	2392.6

Sample Name: K3158-07LX5 Acquired: 6/28/2019 17:12:46 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB121001BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08427	.21095	.24261	.19251	.01776	27.053	.12928
Stddev	.00337	.00416	.00455	.00517	.00079	.225	.00068
%RSD	4.0027	1.9732	1.8748	2.6848	4.4755	.83208	.52492

#1	.08369	.21277	.24614	.18915	.01740	26.800	.12852
#2	.08790	.21389	.24422	.19846	.01867	27.128	.12948
#3	.08123	.20619	.23748	.18992	.01721	27.231	.12983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02162	.01839	13.162	.08022	.04443	.14385	50.496
Stddev	.00030	.00027	.071	.00028	.00018	.00166	.234
%RSD	1.3944	1.4620	.54156	.34958	.41205	1.1565	.46411

#1	.02134	.01853	13.156	.08033	.04444	.14465	50.724
#2	.02194	.01856	13.094	.08044	.04461	.14496	50.256
#3	.02158	.01808	13.236	.07991	.04424	.14194	50.507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81717	15.045	.09119	.00419	1.9010	.10615	.14352
Stddev	.00182	.045	.00043	.00011	.0090	.00039	.00237
%RSD	.22248	.29838	.47545	2.6367	.47170	.36402	1.6497

#1	.81856	14.996	.09163	.00425	1.9071	.10636	.14451
#2	.81511	15.055	.09117	.00427	1.8907	.10571	.14524
#3	.81782	15.085	.09076	.00407	1.9053	.10639	.14082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8567	.04108	.07063	1.0461	.54126	.07096	.85110
Stddev	.0648	.00033	.03175	.0186	.02183	.00239	.00678
%RSD	1.6796	.80027	44.947	1.7747	4.0326	3.3706	.79670

#1	3.8004	.04122	.08570	1.0504	.51622	.07302	.84966
#2	3.9275	.04131	.09205	1.0622	.55623	.07152	.84515
#3	3.8422	.04070	.03416	1.0258	.55134	.06834	.85848

Sample Name: K3158-07LX5 Acquired: 6/28/2019 17:12:46 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB121001BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05210	2.516	.00301	3.1188	F<.00000
Stddev	.00089	.038	.00022	.0918	.28709
%RSD	1.7068	1.493	7.2090	2.9443	12.125

#1	.05237	2.544	.00283	3.1946	-2.6987
#2	.05111	2.531	.00294	3.1452	-2.1872
#3	.05282	2.473	.00325	3.0167	-2.2171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.6	29722.	2044.4	32.257	2657.0
Stddev	43.0	58.	14.2	1.633	44.5
%RSD	1.6134	.19596	.69344	5.0634	1.6752

#1	2643.8	29693.	2031.5	30.573	2633.1
#2	2637.9	29789.	2059.6	33.834	2629.5
#3	2715.2	29683.	2042.0	32.364	2708.3

Sample Name: K3158-07MS Acquired: 6/28/2019 17:17:13 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42993	1.2449	1.5694	1.0003	.09553	92.480	.60492
Stddev	.00130	.0036	.0019	.0037	.00132	.061	.00115
%RSD	.30291	.28805	.12197	.37272	1.3773	.06588	.19084

#1	.43104	1.2483	1.5709	1.0001	.09551	92.543	.60550
#2	.43025	1.2453	1.5673	.99663	.09686	92.421	.60568
#3	.42849	1.2412	1.5700	1.0041	.09422	92.478	.60360

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11291	.12476	43.025	.35653	.25567	.49063	191.81
Stddev	.00046	.00033	.181	.00113	.00054	.00058	.57
%RSD	.40904	.26844	.42117	.31826	.21180	.11908	.29851

#1	.11344	.12477	43.002	.35772	.25568	.49104	191.75
#2	.11272	.12508	42.856	.35640	.25621	.48996	191.27
#3	.11258	.12442	43.216	.35546	.25512	.49088	192.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4479	61.243	.50813	.02210	6.6609	.46632	.74515
Stddev	.0055	.082	.00144	.00013	.0194	.00395	.00164
%RSD	.15934	.13380	.28345	.60403	.29094	.84695	.22070

#1	3.4538	61.193	.50787	.02200	6.6831	.46965	.74661
#2	3.4469	61.198	.50969	.02206	6.6475	.46735	.74337
#3	3.4430	61.337	.50685	.02226	6.6520	.46196	.74547

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.844	.20194	.26516	5.4727	2.5151	.43425	3.8619
Stddev	.067	.00042	.01111	.0149	.0336	.00404	.0257
%RSD	.35324	.20909	4.1915	.27201	1.3368	.93115	.66614

#1	18.921	.20234	.27425	5.4690	2.5244	.43616	3.8407
#2	18.812	.20149	.26845	5.4601	2.4778	.43699	3.8544
#3	18.800	.20198	.25277	5.4891	2.5431	.42961	3.8905

Sample Name: K3158-07MS Acquired: 6/28/2019 17:17:13 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26800	F 13.03	.05603	<.00000	F<.00000
Stddev	.00392	.03	.00072	.23311	1.9486
%RSD	1.4627	.2015	1.2764	39.116	8.0222
#1	.26360	13.06	.05522	-.34857	-23.054
#2	.26927	13.04	.05658	-.81153	-26.537
#3	.27112	13.01	.05630	-.62768	-23.281
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.6	33458.	2343.2	31.772	2424.4
Stddev	14.8	46.	12.2	1.638	9.0
%RSD	.49522	.13639	.52019	5.1540	.36982
#1	2978.1	33408.	2345.3	32.212	2416.2
#2	3004.6	33496.	2354.2	29.960	2434.0
#3	2979.9	33471.	2330.1	33.145	2423.2

Sample Name: K3158-07MSD Acquired: 6/28/2019 17:21:33 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34731	1.0052	1.4360	.80720	.07474	92.381	.58535
Stddev	.00275	.0078	.0033	.00787	.00101	.325	.00237
%RSD	.79323	.77883	.23009	.97559	1.3478	.35170	.40487

#1	.34681	1.0142	1.4355	.81145	.07359	92.288	.58592
#2	.35028	1.0004	1.4396	.81203	.07518	92.112	.58275
#3	.34484	1.0009	1.4330	.79811	.07545	92.742	.58739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09276	.10029	44.046	.31846	.23386	.47267	192.91
Stddev	.00020	.00036	.115	.00297	.00162	.00059	.63
%RSD	.21063	.35630	.26144	.93221	.69245	.12529	.32779

#1	.09296	.10053	44.158	.31738	.23568	.47286	192.95
#2	.09275	.10046	44.053	.32182	.23336	.47314	192.25
#3	.09257	.09988	43.928	.31619	.23256	.47201	193.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4313	60.958	.44927	.01539	6.3629	.43873	.72333
Stddev	.0076	.328	.00035	.00061	.0242	.00401	.00245
%RSD	.22043	.53787	.07846	3.9528	.38039	.91313	.33859

#1	3.4228	60.584	.44960	.01597	6.3556	.43684	.72085
#2	3.4371	61.093	.44890	.01476	6.3432	.44333	.72575
#3	3.4342	61.196	.44931	.01545	6.3899	.43602	.72339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.978	.16209	.23103	5.9590	2.5830	.35305	3.8463
Stddev	.062	.00115	.02475	.0149	.0181	.00226	.0036
%RSD	.34366	.70682	10.714	.25062	.70227	.63916	.09264

#1	17.977	.16338	.20285	5.9431	2.5924	.35564	3.8422
#2	17.917	.16169	.24924	5.9612	2.5944	.35194	3.8487
#3	18.041	.16120	.24101	5.9727	2.5620	.35156	3.8480

Sample Name: K3158-07MSD Acquired: 6/28/2019 17:21:33 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24599	F 12.51	.02943	<.00000	F<.00000
Stddev	.00206	.03	.00042	.05090	1.1794
%RSD	.83826	.2438	1.4224	5.7915	4.7604
#1	.24775	12.54	.02904	-.92266	-23.644
#2	.24649	12.52	.02939	-.89107	-25.997
#3	.24372	12.48	.02988	-.82305	-24.684
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.1	33497.	2367.6	32.260	2414.1
Stddev	11.2	56.	14.4	.696	8.2
%RSD	.37595	.16819	.60952	2.1577	.33769
#1	2999.7	33434.	2356.0	32.010	2423.2
#2	2978.2	33518.	2363.1	31.724	2407.6
#3	2983.4	33540.	2383.8	33.047	2411.3

Sample Name: CCV07 Acquired: 6/28/2019 17:32:10 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1070	5.1813	5.0908	5.0962	5.1486	10.380	10.134
Stddev	.0121	.0092	.0017	.0006	.0078	.143	.072
%RSD	.23690	.17681	.03404	.01132	.15098	1.3811	.70760

#1	5.1098	5.1848	5.0910	5.0958	5.1448	10.281	10.151
#2	5.0938	5.1709	5.0924	5.0969	5.1434	10.314	10.056
#3	5.1175	5.1882	5.0890	5.0959	5.1575	10.544	10.196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25869	2.5302	24.889	.99383	2.5506	1.2853	5.0573
Stddev	.00028	.0025	.024	.00324	.0028	.0023	.0135
%RSD	.10712	.09758	.09709	.32635	.10949	.17913	.26594

#1	.25841	2.5319	24.882	.99117	2.5537	1.2845	5.0546
#2	.25897	2.5273	24.869	.99288	2.5483	1.2835	5.0455
#3	.25868	2.5312	24.916	.99745	2.5497	1.2879	5.0720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5701	25.316	2.5197	1.2613	24.981	2.4913	2.5333
Stddev	.0062	.453	.0030	.0018	.136	.0022	.0037
%RSD	.24109	1.7883	.11936	.13969	.54607	.08992	.14566

#1	2.5653	25.148	2.5231	1.2614	25.018	2.4892	2.5372
#2	2.5678	24.971	2.5183	1.2595	24.830	2.4911	2.5299
#3	2.5771	25.828	2.5176	1.2631	25.095	2.4937	2.5327

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.541	5.1297	5.0231	5.1954	4.9453	5.0828	5.0066
Stddev	.333	.0049	.0579	.0043	.0445	.0069	.0222
%RSD	1.3047	.09574	1.1534	.08193	.89886	.13569	.44347

#1	25.253	5.1276	4.9806	5.1983	4.9288	5.0884	4.9822
#2	25.463	5.1263	4.9997	5.1905	4.9956	5.0848	5.0117
#3	25.906	5.1354	5.0891	5.1973	4.9114	5.0751	5.0258

Sample Name: CCV07 Acquired: 6/28/2019 17:32:10 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0228	5.215	5.3101	4.9967	F<.00000
Stddev	.0299	.009	.0343	.0713	.26785
%RSD	.59535	.1677	.64676	1.4267	109.68
#1	5.0467	5.209	5.3316	4.9378	.03906
#2	5.0324	5.225	5.3283	4.9764	-.49336
#3	4.9892	5.210	5.2705	5.0759	-.27834
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.3	27181.	1919.6	29.876	2436.5
Stddev	1.4	149.	21.0	.708	4.3
%RSD	.05692	.54820	1.0917	2.3690	.17452
#1	2412.2	27061.	1904.1	29.425	2432.1
#2	2409.7	27348.	1911.4	30.692	2437.0
#3	2412.1	27134.	1943.5	29.512	2440.5

Sample Name: CCB07 Acquired: 6/28/2019 17:36:06 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	.00179	.00068	-.00086	-.00157	.01121	.00146	.00015
Stddev	.00215	.00081	.00033	.00326	.00137	.00743	.00078	.00013
%RSD	95.094	45.355	48.598	376.81	87.786	66.287	53.121	83.782
#1	.00019	.00164	.00071	.00156	-.00017	.01869	.00201	.00015
#2	-.00316	.00266	.00100	.00041	-.00292	.00383	.00057	.00002
#3	-.00382	.00106	.00034	-.00457	-.00160	.01109	.00179	.00028
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00037	-.00074	.00006	.00078	.00227	-.00007	-.06829
Stddev	.00004	.02608	.00045	.00007	.00025	.00093	.00010	.08211
%RSD	141.10	7073.6	60.918	118.42	31.990	41.232	141.68	120.23
#1	-.00000	-.00454	-.00062	-.00001	.00101	.00295	-.00001	-.13397
#2	-.00007	.02855	-.00036	.00012	.00082	.00120	-.00001	-.09468
#3	-.00001	-.02291	-.00123	.00006	.00051	.00265	-.00019	.02377
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	.00024	.31861	.00013	-.00067	.05367	.00032	-.00025
Stddev	.00038	.00018	.00684	.00043	.00010	.04297	.00054	.01256
%RSD	41.354	75.202	2.1460	322.81	15.297	80.060	169.71	4929.5
#1	-.00051	.00042	.31153	-.00030	-.00061	.10324	.00093	.01058
#2	-.00127	.00023	.31913	.00013	-.00078	.03082	.00011	.00268
#3	-.00099	.00006	.32517	.00057	-.00061	.02696	-.00009	-.01402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00734	.00432	-.00010	.00105	-.00318	-.0028	-.00005	F 4.5004
Stddev	.00289	.00169	.00079	.00324	.00230	.0008	.00006	.0413
%RSD	39.379	39.007	823.78	308.01	72.283	27.61	111.09	.91865
#1	.01066	.00333	.00066	-.00181	-.00257	-.0029	-.00008	4.5421
#2	.00593	.00337	-.00002	.00039	-.00125	-.0035	-.00009	4.4594
#3	.00542	.00627	-.00092	.00457	-.00573	-.0020	.00001	4.4997

Sample Name: CCB07 Acquired: 6/28/2019 17:36:06 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .26779
Stddev	.73358
%RSD	273.94

#1	.11414
#2	1.0660
#3	-.37679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.3	27938.	1924.0	32.428	2729.7
Stddev	2.0	98.	4.8	1.377	8.9
%RSD	.07923	.34997	.24791	4.2464	.32769

#1	2491.4	27877.	1920.1	33.475	2722.2
#2	2495.3	27886.	1929.3	30.868	2739.6
#3	2493.1	28050.	1922.5	32.941	2727.3

Sample Name: K3158-07A Acquired: 6/28/2019 17:40:34 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB121001BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37291	1.0857	1.4799	.86687	.08079	92.580	.59111
Stddev	.00208	.0016	.0031	.00480	.00148	.220	.00163
%RSD	.55830	.14862	.20810	.55386	1.8270	.23717	.27602

#1	.37171	1.0841	1.4829	.87172	.08175	92.647	.59112
#2	.37171	1.0858	1.4799	.86212	.08153	92.758	.59274
#3	.37531	1.0873	1.4768	.86677	.07909	92.335	.58948

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09886	.10820	43.907	.33084	.24038	.47681	192.80
Stddev	.00047	.00006	.109	.00045	.00074	.00104	.51
%RSD	.48042	.05768	.24830	.13635	.30655	.21759	.26388

#1	.09936	.10823	43.997	.33067	.24009	.47667	193.35
#2	.09879	.10824	43.938	.33049	.24122	.47791	192.35
#3	.09842	.10813	43.786	.33135	.23983	.47586	192.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4336	61.078	.46799	.01694	6.2561	.44582	.72146
Stddev	.0015	.298	.00065	.00036	.0095	.00150	.00245
%RSD	.04467	.48742	.13872	2.1510	.15248	.33573	.33915

#1	3.4321	61.176	.46785	.01699	6.2598	.44437	.72429
#2	3.4336	61.314	.46870	.01728	6.2632	.44574	.71999
#3	3.4352	60.743	.46743	.01655	6.2453	.44736	.72012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.255	.17643	.22849	5.7527	2.5581	.38050	3.8415
Stddev	.042	.00083	.01212	.0174	.0384	.00101	.0154
%RSD	.23176	.47256	5.3027	.30303	1.4991	.26573	.40182

#1	18.293	.17640	.23603	5.7683	2.5615	.37933	3.8249
#2	18.264	.17727	.21452	5.7339	2.5181	.38110	3.8554
#3	18.209	.17561	.23493	5.7560	2.5946	.38107	3.8441

Sample Name: K3158-07A Acquired: 6/28/2019 17:40:34 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB121001BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25323	F 12.70	.03712	<.00000	F<.00000
Stddev	.00117	.02	.00090	.20686	.75199
%RSD	.46082	.1771	2.4181	24.580	2.8869
#1	.25323	12.72	.03654	-1.0805	-26.893
#2	.25206	12.69	.03815	-.72341	-25.801
#3	.25440	12.68	.03666	-.72093	-25.451
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.6	33435.	2349.6	31.613	2409.9
Stddev	12.5	124.	14.3	1.520	9.7
%RSD	.42099	.37226	.60822	4.8090	.40407
#1	2964.0	33291.	2336.3	32.514	2399.0
#2	2980.1	33513.	2364.7	29.858	2412.9
#3	2988.7	33499.	2347.7	32.468	2417.7

Sample Name: K3163-13 Acquired: 6/28/2019 17:44:56 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01268	-.01992	2.6144	.00719	.01451	150.24	.85009
Stddev	.00081	.00173	.0050	.00390	.00289	.68	.00690
%RSD	6.3608	8.6826	.18956	54.277	19.891	.45436	.81163

#1	.01320	-.01896	2.6092	.01082	.01632	149.91	.84961
#2	.01175	-.02192	2.6191	.00767	.01118	151.03	.85722
#3	.01308	-.01888	2.6148	.00306	.01603	149.79	.84345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01182	.00729	68.742	.28924	.27460	.55071	317.82
Stddev	.00029	.00027	.335	.00202	.00035	.00102	.57
%RSD	2.4322	3.7053	.48699	.69938	.12688	.18575	.17996

#1	.01204	.00713	68.771	.29080	.27456	.54956	318.39
#2	.01191	.00760	68.394	.28696	.27427	.55105	317.25
#3	.01149	.00714	69.062	.28997	.27497	.55153	317.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4885	67.001	.32190	-.03010	23.076	.87851	.96727
Stddev	.0268	.314	.00044	.00045	.095	.00169	.00121
%RSD	.41287	.46869	.13735	1.5016	.41377	.19231	.12458

#1	6.4646	66.752	.32200	-.02982	23.049	.88029	.96798
#2	6.4835	67.354	.32141	-.03062	23.182	.87693	.96588
#3	6.5174	66.898	.32228	-.02986	22.996	.87832	.96796

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6206	.00253	.24514	3.5645	1.9632	.03356	7.6913
Stddev	.0230	.00027	.01243	.0205	.0158	.00089	.0133
%RSD	.30119	10.834	5.0709	.57446	.80406	2.6526	.17226

#1	7.6009	.00266	.25709	3.5442	1.9805	.03446	7.6867
#2	7.6458	.00221	.23228	3.5851	1.9495	.03268	7.6809
#3	7.6153	.00271	.24604	3.5642	1.9598	.03355	7.7062

Sample Name: K3163-13 Acquired: 6/28/2019 17:44:56 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-062719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16815	7.214	.03404	<.00000	F<.00000
Stddev	.00037	.017	.00117	.28617	1.3049
%RSD	.21935	.2415	3.4462	6.9596	1.9189
#1	.16808	7.226	.03273	-3.8585	-66.563
#2	.16782	7.222	.03499	-4.0550	-68.329
#3	.16855	7.194	.03440	-4.4223	-69.110
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.0	34475.	2505.9	30.955	2292.3
Stddev	5.7	47.	20.2	.639	1.3
%RSD	.18528	.13663	.80465	2.0646	.05610
#1	3091.3	34479.	2496.0	30.257	2290.9
#2	3093.2	34519.	2529.1	31.098	2293.4
#3	3082.5	34425.	2492.6	31.511	2292.6

Sample Name: K3163-15 Acquired: 6/28/2019 17:49:30 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01766	-.02150	.16509	.00622	.01059	116.45	.65693
Stddev	.00397	.00225	.00131	.00442	.00187	.67	.00395
%RSD	22.496	10.480	.79448	71.166	17.641	.57898	.60180

#1	.02113	-.02141	.16615	.00536	.01136	116.67	.65701
#2	.01853	-.02380	.16363	.00228	.00846	115.69	.65294
#3	.01333	-.01929	.16549	.01100	.01196	116.98	.66085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01022	.00576	60.784	.26905	.21430	.45647	274.47
Stddev	.00012	.00017	.186	.00121	.00066	.00082	1.70
%RSD	1.1900	2.9608	.30615	.44930	.31003	.17877	.61925

#1	.01020	.00557	60.899	.27002	.21506	.45553	276.36
#2	.01035	.00590	60.884	.26770	.21381	.45694	273.07
#3	.01011	.00581	60.569	.26944	.21403	.45694	273.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8775	62.128	.29430	-.02660	14.204	.73933	.70282
Stddev	.0066	.480	.00115	.00053	.130	.00508	.00222
%RSD	.13445	.77282	.38973	1.9796	.91454	.68644	.31575

#1	4.8723	62.098	.29539	-.02616	14.252	.73802	.70447
#2	4.8754	61.663	.29311	-.02646	14.057	.74493	.70030
#3	4.8849	62.622	.29440	-.02719	14.303	.73504	.70368

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9273	.00333	.22279	4.3434	1.5212	.02570	7.1746
Stddev	.0545	.00057	.00936	.0274	.0072	.00114	.0151
%RSD	.68722	17.059	4.1994	.63013	.47506	4.4526	.21094

#1	7.9176	.00274	.23275	4.3748	1.5134	.02695	7.1577
#2	7.8784	.00388	.21420	4.3307	1.5277	.02543	7.1790
#3	7.9860	.00337	.22141	4.3246	1.5224	.02471	7.1870

Sample Name: K3163-15 Acquired: 6/28/2019 17:49:30 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-062719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13193	7.458	-.01397	<.00000	F<.00000
Stddev	.00151	.030	.00264	.15795	2.1143
%RSD	1.1470	.3979	18.875	3.1966	3.8878

#1	.13029	7.489	-.01629	-5.1035	-51.954
#2	.13327	7.430	-.01110	-4.7880	-55.803
#3	.13223	7.456	-.01451	-4.9323	-55.395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.7	36570.	2651.9	31.538	2370.0
Stddev	10.2	193.	17.3	.422	10.0
%RSD	.31243	.52695	.65054	1.3374	.42291

#1	3282.3	36411.	2646.5	32.024	2364.6
#2	3286.6	36785.	2638.0	31.329	2381.6
#3	3267.1	36515.	2671.2	31.261	2363.9

Sample Name: K3554-02 Acquired: 6/28/2019 17:53:54 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02670	.00150	.39745	.00575	.01073	145.23	2.6314
Stddev	.00398	.00073	.00400	.00445	.00208	.74	.0159
%RSD	14.908	48.685	1.0053	77.334	19.403	.51219	.60369

#1	.02269	.00229	.39308	.00076	.01124	144.84	2.6214
#2	.03065	.00136	.40091	.00930	.01252	146.09	2.6498
#3	.02674	.00085	.39836	.00720	.00844	144.77	2.6232

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01584	.00362	57.995	.37635	.21607	.55753	289.68
Stddev	.00041	.00039	.520	.00155	.00063	.00072	1.18
%RSD	2.5961	10.848	.89693	.41062	.29044	.12919	.40669

#1	.01536	.00385	58.589	.37656	.21536	.55835	289.90
#2	.01607	.00316	57.781	.37777	.21633	.55729	290.73
#3	.01608	.00383	57.617	.37470	.21653	.55697	288.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0636	81.172	.43468	-.02417	7.4222	.62010	1.1710
Stddev	.0075	.608	.00058	.00029	.0486	.00443	.0070
%RSD	.24541	.74877	.13304	1.2154	.65518	.71460	.59772

#1	3.0584	81.251	.43416	-.02450	7.3873	.62001	1.1638
#2	3.0723	81.736	.43458	-.02392	7.4778	.62458	1.1777
#3	3.0602	80.528	.43530	-.02411	7.4016	.61571	1.1714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.642	.00904	.20708	5.8929	2.3246	.03103	3.2348
Stddev	.106	.00009	.01456	.0019	.0025	.00064	.0191
%RSD	.83975	.94744	7.0320	.03255	.10880	2.0581	.59164

#1	12.619	.00913	.22237	5.8945	2.3248	.03174	3.2471
#2	12.757	.00904	.20550	5.8935	2.3270	.03085	3.2128
#3	12.549	.00896	.19337	5.8908	2.3220	.03050	3.2446

Sample Name: K3554-02 Acquired: 6/28/2019 17:53:54 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-11 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33911	7.163	-.03203	<.00000	F<.00000
Stddev	.00403	.020	.00287	.12142	2.1969
%RSD	1.1891	.2766	8.9725	3.4128	4.0667
#1	.34283	7.166	-.03040	-3.4681	-56.554
#2	.33483	7.182	-.03535	-3.6960	-52.889
#3	.33966	7.142	-.03034	-3.5093	-52.623
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3072.4	34016.	2446.8	30.630	2335.2
Stddev	15.6	137.	27.6	.892	15.4
%RSD	.50690	.40197	1.1261	2.9124	.66162
#1	3088.1	33999.	2415.6	31.656	2347.8
#2	3056.9	33888.	2456.7	30.043	2318.0
#3	3072.3	34160.	2468.0	30.190	2339.7

Sample Name: K3554-06 Acquired: 6/28/2019 17:58:19 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02050	.00029	.20674	.01026	.00901	127.22	1.2464
Stddev	.00083	.00111	.00135	.00367	.00089	1.17	.0165
%RSD	4.0646	386.42	.65443	35.796	9.9179	.91687	1.3221

#1	.02119	-.00089	.20541	.00913	.00921	126.34	1.2355
#2	.02074	.00044	.20670	.01437	.00980	128.55	1.2654
#3	.01958	.00131	.20812	.00729	.00804	126.78	1.2384

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01333	.00032	20.562	.23033	.15819	.24986	265.48
Stddev	.00021	.00024	.058	.00239	.00016	.00172	2.37
%RSD	1.5712	76.284	.28255	1.0370	.09808	.68715	.89198

#1	.01312	.00036	20.540	.22792	.15834	.25018	264.62
#2	.01334	.00006	20.628	.23270	.15803	.24800	268.16
#3	.01353	.00054	20.519	.23038	.15819	.25139	263.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4567	61.412	.28366	-.02006	5.8242	.33392	.86101
Stddev	.0752	.671	.00167	.00026	.0870	.00332	.00375
%RSD	1.0080	1.0919	.59042	1.2725	1.4938	.99418	.43506

#1	7.4587	61.476	.28202	-.01981	5.7873	.33237	.86435
#2	7.5308	62.049	.28537	-.02005	5.9236	.33773	.85696
#3	7.3805	60.712	.28360	-.02032	5.7617	.33167	.86172

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.786	.00311	.21270	.62584	5.5640	.02221	2.9162
Stddev	.208	.00018	.00699	.00746	.0461	.00211	.0034
%RSD	1.0504	5.6627	3.2882	1.1922	.82905	9.4870	.11809

#1	19.685	.00291	.20529	.63381	5.5925	.01978	2.9155
#2	20.025	.00325	.21919	.61902	5.5108	.02331	2.9199
#3	19.648	.00318	.21361	.62469	5.5887	.02354	2.9131

Sample Name: K3554-06 Acquired: 6/28/2019 17:58:19 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-15 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34142	7.041	-.11375	<.00000	F<.00000
Stddev	.00161	.020	.00259	.41071	1.1062
%RSD	.47193	.2821	2.2785	15.393	2.6136
#1	.34307	7.064	-.11236	-3.1404	-41.049
#2	.33986	7.027	-.11674	-2.4701	-42.951
#3	.34132	7.032	-.11216	-2.3940	-42.979
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3043.7	33582.	2397.2	30.969	2417.8
Stddev	5.8	205.	10.6	2.116	6.3
%RSD	.19169	.61176	.44371	6.8320	.26148
#1	3037.8	33668.	2386.1	31.993	2410.7
#2	3049.4	33347.	2407.3	28.536	2422.7
#3	3043.9	33730.	2398.0	32.378	2420.1

Sample Name: K3554-10 Acquired: 6/28/2019 18:02:53 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02060	.00174	.20809	.00738	.00870	117.23	1.2527
Stddev	.00418	.00281	.00297	.00206	.00087	.42	.0018
%RSD	20.263	161.25	1.4250	27.885	9.9800	.35929	.14398

#1	.01612	.00460	.20649	.00899	.00900	117.12	1.2515
#2	.02132	.00163	.20628	.00506	.00772	117.69	1.2548
#3	.02438	-.00101	.21152	.00809	.00937	116.87	1.2518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01442	.00430	21.217	.22350	.20048	.33693	272.01
Stddev	.00004	.00002	.093	.00082	.00031	.00079	.46
%RSD	.31057	.56236	.43997	.36669	.15674	.23556	.17081

#1	.01443	.00433	21.316	.22401	.20082	.33770	272.17
#2	.01437	.00429	21.206	.22393	.20019	.33611	272.37
#3	.01446	.00429	21.130	.22255	.20043	.33697	271.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3297	69.002	.34677	-.02071	8.8548	.30256	1.0160
Stddev	.0490	.030	.00071	.00025	.0426	.00262	.0020
%RSD	.58794	.04360	.20593	1.2261	.48061	.86609	.19930

#1	8.3393	69.037	.34693	-.02100	8.9001	.30545	1.0183
#2	8.3731	68.987	.34739	-.02057	8.8487	.30188	1.0151
#3	8.2766	68.982	.34599	-.02055	8.8157	.30035	1.0145

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.758	.00358	.18519	.50613	4.4327	.02475	2.2861
Stddev	.030	.00050	.01305	.00182	.0388	.00058	.0096
%RSD	.14667	14.104	7.0445	.35962	.87452	2.3282	.42034

#1	20.788	.00413	.20025	.50572	4.4754	.02535	2.2939
#2	20.759	.00313	.17733	.50812	4.4232	.02420	2.2753
#3	20.727	.00347	.17799	.50455	4.3996	.02470	2.2889

Sample Name: K3554-10 Acquired: 6/28/2019 18:02:53 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-16 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38797	7.571	-.11259	<.00000	F<.00000
Stddev	.00285	.003	.00068	.13267	1.3585
%RSD	.73510	.0381	.60401	2.9324	2.6596
#1	.39111	7.569	-.11269	-4.4677	-51.300
#2	.38727	7.575	-.11321	-4.6756	-49.623
#3	.38553	7.571	-.11186	-4.4289	-52.313
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.9	35902.	2532.3	31.919	2363.7
Stddev	3.8	88.	15.2	.425	1.8
%RSD	.11651	.24477	.59850	1.3320	.07656
#1	3221.3	35831.	2514.8	32.289	2361.7
#2	3215.6	35874.	2541.1	31.455	2364.9
#3	3222.7	36000.	2541.1	32.012	2364.7

Sample Name: K3555-02 Acquired: 6/28/2019 18:07:28 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03846	-.00368	.20624	.00851	.00698	94.539	.89807
Stddev	.00230	.00110	.00073	.00052	.00147	.555	.00455
%RSD	5.9856	29.821	.35347	6.1131	21.074	.58745	.50626

#1	.03599	-.00291	.20614	.00898	.00850	93.898	.89287
#2	.03883	-.00493	.20557	.00859	.00686	94.871	.90129
#3	.04055	-.00319	.20702	.00795	.00557	94.849	.90005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00900	-.00070	35.165	.24574	.13170	.31242	194.49
Stddev	.00016	.00005	.295	.00062	.00053	.00129	.11
%RSD	1.7337	7.1797	.83967	.25296	.40224	.41335	.05577

#1	.00918	-.00065	35.351	.24507	.13111	.31097	194.38
#2	.00892	-.00074	35.321	.24584	.13183	.31346	194.50
#3	.00889	-.00072	34.825	.24630	.13215	.31283	194.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8122	55.459	.27117	-.01374	7.3763	.27421	.69657
Stddev	.0037	.417	.00112	.00030	.0298	.00061	.00157
%RSD	.09781	.75250	.41193	2.1580	.40426	.22365	.22555

#1	3.8163	55.207	.27127	-.01355	7.3423	.27473	.69483
#2	3.8090	55.229	.27224	-.01359	7.3888	.27437	.69788
#3	3.8111	55.941	.27001	-.01408	7.3979	.27353	.69700

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.969	.00509	.39346	1.9554	3.4296	.01821	3.1198
Stddev	.055	.00049	.01267	.0109	.0535	.00108	.0250
%RSD	.32642	9.5719	3.2191	.55658	1.5589	5.9555	.80069

#1	16.905	.00556	.37903	1.9592	3.4816	.01816	3.1356
#2	17.009	.00459	.39856	1.9640	3.4325	.01931	3.1329
#3	16.992	.00512	.40277	1.9432	3.3748	.01715	3.0910

Sample Name: K3555-02 Acquired: 6/28/2019 18:07:28 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-17 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28473	3.665	.13643	<.00000	F<.00000
Stddev	.00126	.010	.00104	.16290	.72066
%RSD	.44219	.2752	.76316	170.70	2.9829
#1	.28400	3.669	.13698	.09023	-24.459
#2	.28402	3.673	.13707	-.16211	-23.337
#3	.28619	3.654	.13523	-.21441	-24.682
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.6	32821.	2303.0	31.877	2467.8
Stddev	8.0	16.	25.5	1.968	2.6
%RSD	.27355	.04846	1.1089	6.1750	.10391
#1	2933.4	32819.	2279.4	29.640	2470.4
#2	2917.8	32807.	2299.5	32.646	2465.3
#3	2922.7	32838.	2330.1	33.344	2467.8

Sample Name: K3555-06 Acquired: 6/28/2019 18:11:54 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.01598	.13039	.00528	.00943	107.16	1.0300
Stddev	.00058	.00171	.00261	.00144	.00125	.43	.0071
%RSD	39.753	10.727	2.0011	27.316	13.247	.40175	.68989

#1	.00213	-.01566	.12802	.00629	.00964	106.75	1.0237
#2	.00103	-.01445	.13319	.00591	.01057	107.61	1.0377
#3	.00125	-.01784	.12996	.00363	.00809	107.12	1.0287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00922	.00040	70.592	.18268	.19595	.39027	241.87
Stddev	.00029	.00018	.386	.00088	.00054	.00028	.51
%RSD	3.1216	43.707	.54665	.48358	.27338	.07092	.21076

#1	.00897	.00035	70.622	.18176	.19657	.39040	242.44
#2	.00914	.00026	70.962	.18277	.19564	.39046	241.69
#3	.00954	.00060	70.192	.18352	.19565	.38995	241.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7798	99.606	.33902	-.02143	6.3412	.37150	.69222
Stddev	.0197	.791	.00089	.00013	.0342	.00069	.00140
%RSD	.29123	.79383	.26205	.59481	.53917	.18485	.20257

#1	6.7843	98.693	.33830	-.02158	6.3391	.37189	.69235
#2	6.7969	100.10	.33874	-.02136	6.3764	.37191	.69076
#3	6.7582	100.03	.34001	-.02136	6.3081	.37071	.69356

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.392	.00140	.56782	.67484	3.9978	.02765	6.7129
Stddev	.048	.00027	.02138	.00730	.0159	.00033	.0371
%RSD	.35619	19.370	3.7652	1.0815	.39698	1.1806	.55318

#1	13.339	.00164	.56255	.68141	3.9928	.02795	6.6704
#2	13.431	.00111	.54957	.67612	3.9850	.02730	6.7293
#3	13.407	.00144	.59134	.66698	4.0156	.02769	6.7389

Sample Name: K3555-06 Acquired: 6/28/2019 18:11:54 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-18 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25768	6.954	-.03636	<.00000	F<.00000
Stddev	.00127	.014	.00252	.22624	.76290
%RSD	.49309	.1950	6.9188	17.338	2.0814
#1	.25722	6.969	-.03927	-1.4825	-36.250
#2	.25670	6.945	-.03492	-1.3820	-37.533
#3	.25911	6.947	-.03489	-1.0502	-36.177
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.9	33305.	2383.3	31.238	2383.1
Stddev	9.4	112.	10.2	1.292	8.3
%RSD	.31721	.33658	.42861	4.1353	.34855
#1	2975.0	33294.	2375.8	30.059	2382.8
#2	2977.6	33199.	2379.2	31.037	2391.5
#3	2960.2	33423.	2394.9	32.618	2374.9

Sample Name: K3555-10 Acquired: 6/28/2019 18:16:29 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05159	.00225	.38690	.01107	.00435	92.253	1.3432
Stddev	.00085	.00222	.00143	.00565	.00168	.148	.0013
%RSD	1.6523	98.823	.36864	51.022	38.680	.16032	.09486

#1	.05113	.00446	.38656	.01005	.00567	92.093	1.3445
#2	.05107	.00002	.38846	.00600	.00246	92.385	1.3419
#3	.05258	.00227	.38567	.01715	.00492	92.280	1.3431

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00963	.00158	126.55	.17859	.13715	.30312	178.22
Stddev	.00016	.00011	.65	.00080	.00059	.00064	1.02
%RSD	1.6639	7.2577	.51401	.45031	.42779	.21177	.56996

#1	.00944	.00145	127.26	.17775	.13771	.30248	179.20
#2	.00970	.00167	126.41	.17867	.13654	.30377	177.17
#3	.00974	.00161	125.98	.17935	.13720	.30310	178.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0362	52.458	.23890	-.01361	6.1164	.24786	.88149
Stddev	.0024	.019	.00157	.00062	.0004	.00090	.00399
%RSD	.06082	.03639	.65602	4.5537	.00739	.36476	.45231

#1	4.0382	52.437	.24009	-.01293	6.1162	.24889	.88521
#2	4.0370	52.475	.23948	-.01415	6.1161	.24753	.88198
#3	4.0334	52.461	.23712	-.01375	6.1169	.24717	.87728

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.020	.00233	.15056	2.8653	1.5089	.02427	1.5486
Stddev	.055	.00006	.00247	.0079	.0238	.00111	.0047
%RSD	.32433	2.3615	1.6426	.27529	1.5790	4.5901	.30406

#1	17.031	.00237	.14802	2.8586	1.5312	.02356	1.5434
#2	16.960	.00236	.15071	2.8633	1.4838	.02556	1.5498
#3	17.068	.00227	.15295	2.8740	1.5116	.02371	1.5525

Sample Name: K3555-10 Acquired: 6/28/2019 18:16:29 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26426	9.367	.71582	<.00000	F<.00000
Stddev	.00125	.010	.00448	.12445	.69419
%RSD	.47457	.1114	.62524	4.9366	2.8905
#1	.26403	9.361	.72062	-2.5527	-24.591
#2	.26314	9.379	.71506	-2.6264	-24.212
#3	.26561	9.362	.71177	-2.3836	-23.245
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3254.6	36404.	2609.6	31.448	2424.4
Stddev	16.4	167.	26.3	.511	10.4
%RSD	.50368	.45986	1.0071	1.6261	.43034
#1	3236.7	36234.	2579.2	31.277	2413.5
#2	3258.2	36569.	2625.7	31.044	2425.2
#3	3268.9	36410.	2623.7	32.023	2434.3

Sample Name: K3555-14 Acquired: 6/28/2019 18:20:55 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01456	.00570	.25378	.00759	.00965	110.37	1.6045
Stddev	.00359	.00141	.00089	.00143	.00208	.97	.0175
%RSD	24.627	24.639	.34877	18.888	21.554	.87572	1.0895

#1	.01623	.00731	.25305	.00640	.01185	109.26	1.5844
#2	.01701	.00471	.25476	.00719	.00772	110.94	1.6138
#3	.01045	.00508	.25353	.00918	.00936	110.92	1.6155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01042	-.00003	22.429	.20011	.14592	.35479	198.80
Stddev	.00022	.00042	.085	.00195	.00044	.00054	1.57
%RSD	2.0738	1464.8	.38111	.97468	.29842	.15222	.78980

#1	.01019	.00045	22.346	.19790	.14580	.35489	196.99
#2	.01046	-.00033	22.516	.20081	.14640	.35528	199.53
#3	.01062	-.00020	22.426	.20161	.14555	.35421	199.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1371	66.397	.30524	-.01355	3.7237	.28163	1.0951
Stddev	.0464	.680	.00145	.00036	.0477	.00305	.0040
%RSD	.90428	1.0242	.47435	2.6583	1.2819	1.0812	.36592

#1	5.0836	65.620	.30685	-.01314	3.6701	.27932	1.0993
#2	5.1610	66.685	.30481	-.01382	3.7615	.28508	1.0947
#3	5.1668	66.885	.30405	-.01370	3.7396	.28050	1.0913

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.688	.00211	.15609	1.3313	4.0027	.02025	1.1216
Stddev	.159	.00049	.01718	.0040	.0184	.00062	.0039
%RSD	.76790	23.103	11.005	.29880	.45938	3.0485	.35031

#1	20.509	.00184	.13850	1.3301	4.0052	.02018	1.1171
#2	20.811	.00267	.15694	1.3281	4.0197	.02089	1.1233
#3	20.745	.00182	.17283	1.3357	3.9832	.01966	1.1245

Sample Name: K3555-14 Acquired: 6/28/2019 18:20:55 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38595	6.431	-.06381	<.00000	F<.00000
Stddev	.00291	.040	.00080	.35496	1.7980
%RSD	.75444	.6282	1.2511	20.736	6.4349
#1	.38285	6.464	-.06299	-2.0901	-28.539
#2	.38637	6.442	-.06458	-1.3860	-25.921
#3	.38863	6.386	-.06385	-1.6593	-29.364
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.3	34955.	2461.4	31.210	2463.3
Stddev	3.9	343.	8.1	1.380	7.8
%RSD	.12634	.98175	.32860	4.4226	.31500
#1	3126.3	35350.	2457.3	29.707	2459.5
#2	3118.9	34783.	2456.2	32.421	2458.3
#3	3124.8	34732.	2470.7	31.503	2472.3

Sample Name: CCV08 Acquired: 6/28/2019 18:25:22 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0104	5.1007	4.9888	5.0211	5.0547	10.278	9.9781	.25532
Stddev	.0105	.0103	.0009	.0076	.0058	.042	.0207	.00026
%RSD	.21033	.20195	.01775	.15195	.11492	.41229	.20762	.10135
#1	5.0024	5.1038	4.9878	5.0220	5.0608	10.231	9.9563	.25542
#2	5.0223	5.1091	4.9894	5.0283	5.0540	10.289	9.9975	.25503
#3	5.0064	5.0892	4.9893	5.0131	5.0492	10.314	9.9807	.25552
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4975	24.723	.98047	2.5051	1.2673	5.0164	2.5298	24.837
Stddev	.0017	.214	.00213	.0011	.0017	.0031	.0037	.061
%RSD	.06841	.86424	.21697	.04529	.12986	.06231	.14635	.24620
#1	2.4977	24.479	.98289	2.5063	1.2681	5.0200	2.5338	24.795
#2	2.4990	24.878	.97891	2.5041	1.2654	5.0149	2.5264	24.907
#3	2.4957	24.811	.97960	2.5048	1.2685	5.0144	2.5292	24.809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4897	1.2446	24.683	2.4743	2.5754	25.274	5.0392	4.9600
Stddev	.0027	.0035	.069	.0061	.0020	.024	.0040	.0456
%RSD	.10665	.28216	.27861	.24652	.07740	.09536	.07861	.91925
#1	2.4908	1.2466	24.604	2.4799	2.5769	25.276	5.0348	4.9180
#2	2.4916	1.2467	24.732	2.4751	2.5762	25.249	5.0401	5.0085
#3	2.4866	1.2405	24.712	2.4678	2.5731	25.297	5.0426	4.9535
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0811	4.8909	4.9993	4.9569	5.0219	5.119	5.2809	5.3449
Stddev	.0105	.0220	.0091	.0279	.0350	.011	.0284	.1565
%RSD	.20692	.45068	.18127	.56268	.69615	.2149	.53685	2.9281
#1	5.0885	4.8801	5.0098	4.9274	4.9853	5.131	5.2542	5.1646
#2	5.0858	4.9163	4.9934	4.9829	5.0550	5.112	5.3107	5.4452
#3	5.0691	4.8764	4.9949	4.9605	5.0254	5.113	5.2778	5.4249

Sample Name: CCV08 Acquired: 6/28/2019 18:25:22 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .85211
Stddev	.40308
%RSD	47.304

#1	.72713
#2	1.3029
#3	.52632

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.4	27490.	1925.2	30.692	2467.3
Stddev	4.6	67.	11.1	.303	6.2
%RSD	.18629	.24196	.57705	.98792	.25251

#1	2440.2	27478.	1931.3	31.025	2460.2
#2	2448.8	27430.	1912.3	30.432	2471.5
#3	2447.1	27562.	1931.8	30.618	2470.3

Sample Name: CCB08 Acquired: 6/28/2019 18:29:20 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	.00074	.00139	.00140	-.00078	.00619	.00225	.00022
Stddev	.00126	.00075	.00053	.00067	.00176	.00608	.00022	.00009
%RSD	56.039	100.88	38.492	47.690	224.78	98.237	9.9641	41.649
#1	-.00197	.00153	.00114	.00207	-.00277	.01289	.00247	.00021
#2	-.00361	.00004	.00200	.00073	.00056	.00462	.00202	.00032
#3	-.00114	.00066	.00102	.00140	-.00013	.00105	.00225	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00550	-.00090	.00012	.00078	.00276	.00002	-.05741
Stddev	.00002	.01758	.00039	.00015	.00045	.00106	.00010	.05298
%RSD	215.46	319.81	43.229	130.22	56.921	38.367	526.83	92.282
#1	.00002	-.02287	-.00057	.00021	.00028	.00172	-.00009	-.03272
#2	-.00001	-.00590	-.00133	-.00006	.00114	.00384	.00006	-.11822
#3	.00002	.01228	-.00081	.00020	.00092	.00272	.00009	-.02128
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.00061	.25097	.00042	-.00062	.02692	.00068	.00885
Stddev	.00008	.00024	.00643	.00030	.00009	.02594	.00041	.03061
%RSD	10.020	39.324	2.5612	70.531	15.086	96.359	60.126	345.77
#1	-.00092	.00089	.24535	.00046	-.00054	-.00303	.00113	.03882
#2	-.00076	.00051	.24959	.00069	-.00060	.04206	.00057	-.02237
#3	-.00080	.00044	.25798	.00010	-.00072	.04172	.00033	.01011
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00626	.00450	-.00028	.00253	-.00008	-.0032	-.00002	F 4.3830
Stddev	.00324	.00194	.00027	.00020	.00397	.0006	.00027	.1865
%RSD	51.694	43.202	94.305	7.9074	5242.7	20.25	1328.0	4.2560
#1	.00580	.00668	-.00031	.00275	-.00174	-.0033	-.00001	4.2398
#2	.00970	.00296	-.00000	.00236	.00446	-.0037	-.00029	4.3153
#3	.00328	.00386	-.00053	.00248	-.00295	-.0025	.00024	4.5940

Sample Name: CCB08 Acquired: 6/28/2019 18:29:20 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .04344
Stddev	.79349
%RSD	1826.7

#1	.35896
#2	.63064
#3	-.85928

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.3	28161.	1927.4	32.120	2753.9
Stddev	3.0	13.	12.2	1.211	4.9
%RSD	.12038	.04692	.63323	3.7688	.17797

#1	2510.1	28159.	1922.7	31.784	2750.7
#2	2515.8	28148.	1918.2	33.464	2759.5
#3	2511.2	28175.	1941.3	31.114	2751.5

Sample Name: K3555-18 Acquired: 6/28/2019 18:33:49 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02910	.00436	.35703	.01126	.00673	85.972	1.6948
Stddev	.00358	.00137	.00106	.00277	.00246	.090	.0052
%RSD	12.319	31.427	.29623	24.576	36.616	.10463	.30451

#1	.03269	.00384	.35614	.01081	.00494	85.870	1.6890
#2	.02907	.00591	.35820	.00875	.00954	86.039	1.6970
#3	.02552	.00333	.35676	.01423	.00571	86.007	1.6986

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00892	-.00055	22.232	.17233	.14210	.28801	189.52
Stddev	.00035	.00010	.157	.00109	.00080	.00080	.58
%RSD	3.9374	17.567	.70541	.63259	.56250	.27617	.30642

#1	.00926	-.00046	22.413	.17285	.14300	.28869	189.69
#2	.00856	-.00065	22.135	.17108	.14184	.28820	188.88
#3	.00893	-.00055	22.147	.17307	.14147	.28714	190.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1904	48.771	.23046	-.01197	3.7012	.26456	.99628
Stddev	.0087	.213	.00048	.00034	.0113	.00204	.00203
%RSD	.16802	.43712	.20830	2.8180	.30479	.77155	.20419

#1	5.1814	48.841	.22992	-.01193	3.7016	.26606	.99708
#2	5.1988	48.940	.23083	-.01165	3.7122	.26224	.99779
#3	5.1909	48.532	.23063	-.01232	3.6897	.26539	.99396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.140	.00243	.15171	5.0963	3.3084	.02073	1.2998
Stddev	.025	.00040	.02162	.0158	.0301	.00119	.0056
%RSD	.15554	16.386	14.254	.31070	.90930	5.7194	.43158

#1	16.154	.00281	.14993	5.0882	3.3338	.02100	1.2991
#2	16.155	.00246	.17417	5.1145	3.2752	.02175	1.3057
#3	16.111	.00202	.13103	5.0861	3.3162	.01943	1.2946

Sample Name: K3555-18 Acquired: 6/28/2019 18:33:49 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-13 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27503	7.053	-.02817	<.00000	F<.00000
Stddev	.00200	.024	.00119	.32311	1.1372
%RSD	.72594	.3386	4.2119	193.57	5.1430

#1	.27273	7.047	-.02927	-.50543	-21.387
#2	.27636	7.079	-.02691	.13821	-23.423
#3	.27599	7.032	-.02833	-.13355	-21.527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.4	33748.	2368.6	32.502	2525.3
Stddev	.8	31.	11.4	1.198	2.3
%RSD	.02643	.09137	.48308	3.6863	.08991

#1	3015.3	33782.	2356.7	31.119	2526.4
#2	3014.0	33742.	2369.7	33.161	2522.7
#3	3013.9	33721.	2379.5	33.225	2526.9

Sample Name: K3555-22 Acquired: 6/28/2019 18:38:07 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01470	.00094	.14291	.00831	.00882	107.27	1.1657
Stddev	.00173	.00277	.00217	.00191	.00184	.36	.0054
%RSD	11.792	293.13	1.5175	23.007	20.872	.33514	.46218

#1	.01435	-.00124	.14525	.00931	.00863	106.96	1.1602
#2	.01659	.00001	.14096	.00610	.01074	107.18	1.1660
#3	.01318	.00406	.14252	.00951	.00708	107.66	1.1710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01225	.00077	15.733	.20142	.14420	.30471	232.68
Stddev	.00035	.00021	.033	.00035	.00014	.00033	.55
%RSD	2.8224	27.147	.20783	.17388	.09374	.10892	.23478

#1	.01209	.00100	15.759	.20142	.14412	.30434	232.05
#2	.01264	.00059	15.743	.20177	.14436	.30485	233.02
#3	.01201	.00073	15.696	.20107	.14413	.30496	232.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8593	58.920	.28158	-.01755	4.4934	.28174	.80652
Stddev	.0129	.242	.00068	.00058	.0156	.00042	.00238
%RSD	.21937	.40996	.24321	3.2998	.34794	.14874	.29560

#1	5.8534	58.861	.28153	-.01700	4.4779	.28160	.80637
#2	5.8740	59.185	.28229	-.01816	4.5092	.28222	.80422
#3	5.8504	58.713	.28093	-.01748	4.4931	.28142	.80898

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.859	.00254	.15517	.87265	2.6624	.01877	1.9131
Stddev	.033	.00018	.01224	.00653	.0308	.00205	.0140
%RSD	.17290	7.2619	7.8903	.74777	1.1550	10.938	.73266

#1	18.822	.00236	.16347	.87076	2.6965	.01769	1.9287
#2	18.871	.00273	.14111	.86728	2.6369	.02114	1.9088
#3	18.884	.00253	.16094	.87991	2.6537	.01749	1.9017

Sample Name: K3555-22 Acquired: 6/28/2019 18:38:07 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-14 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30784	6.423	-.12671	<.00000	F<.00000
Stddev	.00107	.002	.00088	.30800	2.0694
%RSD	.34793	.0338	.69698	14.927	5.1870
#1	.30661	6.425	-.12569	-1.9765	-39.971
#2	.30838	6.424	-.12717	-1.8081	-41.926
#3	.30854	6.421	-.12726	-2.4055	-37.789
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3165.9	35437.	2505.9	32.102	2443.5
Stddev	3.8	18.	17.2	.943	4.5
%RSD	.11847	.04956	.68820	2.9372	.18443
#1	3164.7	35457.	2488.3	32.199	2440.5
#2	3170.2	35425.	2506.6	31.114	2448.6
#3	3163.0	35429.	2522.8	32.992	2441.2

Sample Name: K3563-01 Acquired: 6/28/2019 18:42:42 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02776	-.01790	.16560	.00695	.00923	112.11	.66778
Stddev	.00199	.00050	.00291	.00379	.00068	.55	.00226
%RSD	7.1843	2.7886	1.7589	54.523	7.3924	.48709	.33837

#1	.02844	-.01846	.16664	.00350	.00990	111.53	.66651
#2	.02551	-.01771	.16784	.01100	.00926	112.19	.66645
#3	.02932	-.01752	.16231	.00634	.00853	112.61	.67039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00929	.00505	131.54	.26294	.19771	.45042	258.95
Stddev	.00022	.00014	.75	.00047	.00038	.00105	.73
%RSD	2.3896	2.7777	.57066	.17927	.19356	.23258	.28192

#1	.00905	.00512	131.18	.26344	.19767	.44938	258.48
#2	.00949	.00489	131.04	.26289	.19810	.45042	259.79
#3	.00933	.00515	132.40	.26250	.19734	.45147	258.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6398	94.143	.29688	-.02527	5.3005	.52801	.82027
Stddev	.0096	.571	.00031	.00051	.0241	.00202	.00127
%RSD	.16950	.60610	.10516	2.0181	.45473	.38239	.15478

#1	5.6341	93.553	.29709	-.02585	5.2730	.52637	.82006
#2	5.6508	94.185	.29652	-.02489	5.3107	.53026	.82164
#3	5.6344	94.692	.29703	-.02509	5.3179	.52738	.81912

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.651	.25360	.16292	8.4008	2.0566	.02424	6.1051
Stddev	.034	.00121	.02440	.0155	.0120	.00138	.0270
%RSD	.23516	.47637	14.975	.18405	.58395	5.7078	.44225

#1	14.631	.25266	.16873	8.4151	2.0572	.02371	6.0863
#2	14.631	.25319	.18388	8.3844	2.0683	.02321	6.0930
#3	14.691	.25496	.13614	8.4030	2.0443	.02581	6.1361

Sample Name: K3563-01 Acquired: 6/28/2019 18:42:42 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19632	9.264	-.02187	<.00000	F<.00000
Stddev	.00197	.025	.00076	.07816	1.8462
%RSD	1.0056	.2707	3.4767	2.7695	3.5914
#1	.19452	9.243	-.02135	-2.9015	-51.537
#2	.19843	9.292	-.02274	-2.7453	-53.183
#3	.19602	9.257	-.02152	-2.8192	-49.498
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.3	35496.	2564.2	31.137	2321.7
Stddev	2.0	58.	7.3	1.530	5.1
%RSD	.06283	.16425	.28356	4.9132	.22135
#1	3163.2	35550.	2559.0	30.627	2322.1
#2	3163.1	35504.	2572.5	32.857	2316.3
#3	3166.6	35434.	2561.0	29.928	2326.6

Sample Name: K3563-03 Acquired: 6/28/2019 18:47:15 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02195	-.01848	.11529	.00821	.01235	118.44	.62167
Stddev	.00091	.00112	.00374	.00190	.00132	.21	.00079
%RSD	4.1637	6.0807	3.2437	23.145	10.700	.17691	.12719

#1	.02156	-.01909	.11392	.00713	.01386	118.20	.62087
#2	.02299	-.01917	.11243	.01040	.01179	118.53	.62169
#3	.02129	-.01719	.11952	.00709	.01141	118.58	.62245

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01042	.00428	79.221	.24945	.22431	.45677	281.21
Stddev	.00020	.00011	.107	.00142	.00066	.00023	1.36
%RSD	1.9616	2.4665	.13481	.56864	.29269	.05039	.48524

#1	.01029	.00427	79.190	.25040	.22495	.45673	281.77
#2	.01032	.00439	79.133	.25013	.22364	.45656	279.65
#3	.01066	.00418	79.340	.24782	.22433	.45701	282.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5860	92.418	.33621	-.02745	7.8562	.51425	.93142
Stddev	.0149	.280	.00099	.00035	.0120	.00224	.00562
%RSD	.22548	.30267	.29441	1.2693	.15261	.43532	.60294

#1	6.5999	92.216	.33524	-.02768	7.8697	.51499	.92498
#2	6.5879	92.300	.33722	-.02705	7.8468	.51173	.93403
#3	6.5704	92.737	.33617	-.02762	7.8521	.51602	.93526

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.722	.00522	.22242	3.7264	3.3478	.02156	7.0422
Stddev	.048	.00026	.03337	.0064	.0258	.00095	.0286
%RSD	.32294	4.9964	15.001	.17257	.77156	4.3959	.40593

#1	14.767	.00541	.24183	3.7330	3.3274	.02052	7.0232
#2	14.673	.00493	.24155	3.7202	3.3392	.02237	7.0283
#3	14.727	.00533	.18390	3.7259	3.3769	.02180	7.0751

Sample Name: K3563-03 Acquired: 6/28/2019 18:47:15 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24176	7.958	-.10348	<.00000	F<.00000
Stddev	.00167	.008	.00129	.17484	1.7387
%RSD	.69108	.1019	1.2456	5.4985	3.1501

#1	.24012	7.966	-.10476	-3.0729	-54.719
#2	.24346	7.950	-.10218	-3.3815	-57.123
#3	.24170	7.957	-.10349	-3.0848	-53.745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.5	35195.	2500.5	31.089	2363.9
Stddev	22.1	128.	11.0	1.098	13.2
%RSD	.70162	.36368	.43915	3.5311	.55836

#1	3176.4	35082.	2490.7	32.345	2379.1
#2	3144.0	35334.	2512.4	30.609	2357.5
#3	3134.1	35170.	2498.4	30.312	2355.1

Sample Name: K3573-01 Acquired: 6/28/2019 18:51:48 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-SOIL-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01017	-.00196	.11328	.01130	.00251	67.967	.53054
Stddev	.00128	.00223	.00187	.00365	.00276	.305	.00415
%RSD	12.585	114.03	1.6534	32.284	110.17	.44814	.78294

#1	.00908	.00010	.11170	.00933	.00539	67.689	.52679
#2	.01158	-.00434	.11535	.00907	-.00012	67.919	.52983
#3	.00985	-.00164	.11279	.01552	.00225	68.293	.53501

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00581	-.00107	31.485	.09946	.08968	.37993	147.18
Stddev	.00021	.00005	.046	.00061	.00062	.00095	.38
%RSD	3.5310	4.3244	.14493	.61128	.69680	.25093	.25685

#1	.00571	-.00104	31.516	.09921	.08899	.38078	146.74
#2	.00567	-.00112	31.506	.10015	.08984	.38010	147.42
#3	.00604	-.00104	31.433	.09901	.09021	.37890	147.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8509	34.586	.15642	-.01040	1.5694	.15939	.43076
Stddev	.0073	.309	.00037	.00010	.0108	.00060	.00157
%RSD	.14957	.89433	.23494	.94506	.68604	.37795	.36387

#1	4.8535	34.243	.15607	-.01049	1.5599	.15872	.42906
#2	4.8566	34.673	.15638	-.01041	1.5673	.15957	.43214
#3	4.8428	34.843	.15680	-.01030	1.5811	.15988	.43109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3095	.00137	.12627	.90332	2.4124	.01219	1.6490
Stddev	.0854	.00027	.01308	.00174	.0195	.00145	.0096
%RSD	.91697	19.881	10.362	.19285	.80665	11.873	.57988

#1	9.2427	.00144	.14106	.90165	2.4329	.01282	1.6516
#2	9.2800	.00107	.11621	.90318	2.3941	.01322	1.6384
#3	9.4057	.00160	.12153	.90512	2.4104	.01053	1.6569

Sample Name: K3573-01 Acquired: 6/28/2019 18:51:48 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-SOIL-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12448	8.970	-.04702	<.00000	F<.00000
Stddev	.00115	.028	.00006	.08447	1.8898
%RSD	.92300	.3141	.13332	14.670	9.7485

#1	.12343	8.938	-.04705	-.64910	-21.253
#2	.12571	8.991	-.04694	-.48342	-17.474
#3	.12429	8.981	-.04705	-.59482	-19.430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3190.5	35704.	2511.9	33.291	2549.8
Stddev	4.7	116.	6.8	1.450	8.8
%RSD	.14863	.32606	.27049	4.3540	.34583

#1	3194.2	35811.	2504.5	34.400	2558.7
#2	3192.2	35721.	2513.6	33.823	2549.7
#3	3185.2	35580.	2517.8	31.651	2541.1

Sample Name: K3573-02 Acquired: 6/28/2019 18:56:11 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-SOIL-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00867	-.00166	.09964	.00866	.00110	58.169	.52561
Stddev	.00156	.00064	.00120	.00176	.00141	.035	.00069
%RSD	18.013	38.518	1.2032	20.278	128.35	.05953	.13200

#1	.00696	-.00096	.09828	.01036	-.00051	58.180	.52596
#2	.01001	-.00221	.10053	.00878	.00171	58.131	.52481
#3	.00905	-.00183	.10012	.00685	.00211	58.197	.52605

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00532	.00018	32.681	.08187	.08535	.36382	122.58
Stddev	.00009	.00022	.116	.00037	.00019	.00022	.54
%RSD	1.6813	125.83	.35417	.45639	.22444	.06034	.44383

#1	.00527	-.00003	32.805	.08210	.08554	.36365	123.20
#2	.00542	.00016	32.663	.08144	.08535	.36375	122.34
#3	.00526	.00041	32.576	.08207	.08516	.36407	122.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7889	28.767	.14820	-.00905	1.1086	.12002	.40316
Stddev	.0210	.071	.00062	.00017	.0068	.00040	.00087
%RSD	.43900	.24549	.41995	1.8965	.61297	.33426	.21458

#1	4.8111	28.690	.14753	-.00923	1.1088	.12047	.40349
#2	4.7864	28.829	.14876	-.00902	1.1153	.11970	.40380
#3	4.7693	28.781	.14831	-.00889	1.1017	.11989	.40218

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7007	.00051	.09336	.64038	2.3371	.01084	1.1023
Stddev	.0503	.00018	.01421	.00293	.0080	.00098	.0061
%RSD	.57873	35.908	15.218	.45807	.34125	9.0400	.54978

#1	8.7560	.00042	.09197	.63970	2.3444	.01191	1.1092
#2	8.6575	.00072	.10821	.64359	2.3384	.01061	1.0977
#3	8.6885	.00039	.07990	.63784	2.3286	.00999	1.1000

Sample Name: K3573-02 Acquired: 6/28/2019 18:56:11 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-SOIL-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12078	F 13.85	-.04074	<.00000	F<.00000
Stddev	.00026	.05	.00049	.08331	1.3141
%RSD	.21690	.3307	1.1975	2.6242	8.4891
#1	.12104	13.90	-.04130	-3.1296	-14.048
#2	.12079	13.83	-.04044	-3.1235	-15.759
#3	.12051	13.81	-.04048	-3.2708	-16.631
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3487.4	39081.	2714.3	31.350	2534.7
Stddev	2.4	170.	17.4	.349	4.6
%RSD	.06939	.43474	.63998	1.1132	.18154
#1	3488.4	38889.	2696.0	31.043	2530.0
#2	3484.6	39141.	2716.3	31.730	2534.8
#3	3489.1	39213.	2730.6	31.278	2539.2

Sample Name: K3576-01 Acquired: 6/28/2019 19:00:38 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10528	-.00304	12.038	.00720	.03711	92.714	2.4877
Stddev	.00027	.00074	.023	.00292	.00307	.053	.0108
%RSD	.26103	24.456	.19186	40.511	8.2806	.05678	.43524

#1	.10556	-.00379	12.063	.00523	.04051	92.740	2.4968
#2	.10501	-.00230	12.017	.00581	.03627	92.749	2.4905
#3	.10526	-.00304	12.035	.01055	.03454	92.653	2.4757

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02691	.02765	224.08	.58267	.32485	20.989	337.05
Stddev	.00019	.00025	.58	.00094	.00011	.029	1.02
%RSD	.72418	.90816	.25824	.16213	.03342	.13722	.30265

#1	.02678	.02741	224.20	.58163	.32489	21.004	337.11
#2	.02713	.02761	224.60	.58347	.32493	20.956	338.03
#3	.02682	.02791	223.46	.58291	.32472	21.008	336.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0830	62.388	1.0234	-.01363	19.503	.50444	26.734
Stddev	.0638	.147	.0027	.00078	.062	.00312	.045
%RSD	1.0492	.23502	.26202	5.7459	.31538	.61893	.16825

#1	6.0432	62.472	1.0256	-.01440	19.546	.50550	26.772
#2	6.1566	62.474	1.0204	-.01283	19.530	.50093	26.684
#3	6.0492	62.219	1.0243	-.01365	19.432	.50690	26.744

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.401	.37016	.47476	F 20.328	2.8262	1.1614	3.8088
Stddev	.098	.00057	.00673	.029	.0216	.0060	.0150
%RSD	.56336	.15445	1.4174	.14472	.76449	.51474	.39452

#1	17.360	.37039	.47584	20.308	2.8420	1.1647	3.8060
#2	17.513	.36951	.48088	20.314	2.8016	1.1545	3.8250
#3	17.331	.37058	.46755	20.362	2.8350	1.1650	3.7954

Sample Name: K3576-01 Acquired: 6/28/2019 19:00:38 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17867	F 13.75	.73808	<.00000	F<.00000
Stddev	.00120	.03	.00405	.04889	.67093
%RSD	.67271	.2011	.54916	2.2357	.98930
#1	.17838	13.72	.74127	-2.1784	-67.176
#2	.17764	13.76	.73946	-2.2394	-67.766
#3	.17999	13.77	.73352	-2.1427	-68.515
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.0	33175.	2414.9	32.106	2275.0
Stddev	7.0	125.	12.0	.824	5.0
%RSD	.24144	.37801	.49658	2.5675	.21886
#1	2904.9	33117.	2412.9	33.032	2269.4
#2	2917.1	33089.	2403.9	31.452	2278.7
#3	2916.9	33319.	2427.7	31.834	2276.9

Sample Name: K3584-01 Acquired: 6/28/2019 19:05:08 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04651	-.00998	.24367	.00693	.01137	109.88	.82691
Stddev	.00116	.00385	.00241	.00384	.00309	.39	.00230
%RSD	2.4973	38.565	.98912	55.327	27.177	.35064	.27822

#1	.04537	-.00575	.24095	.00688	.00898	109.58	.82567
#2	.04647	-.01328	.24553	.01080	.01486	109.74	.82551
#3	.04769	-.01091	.24454	.00313	.01027	110.31	.82957

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00820	.00157	1356.6	.27292	.11314	.26784	193.85
Stddev	.00035	.00034	9.0	.00170	.00028	.00048	.15
%RSD	4.2737	21.689	.66508	.62211	.25171	.17979	.07488

#1	.00811	.00125	1365.2	.27103	.11299	.26829	193.96
#2	.00790	.00154	1347.2	.27432	.11295	.26733	193.68
#3	.00858	.00193	1357.4	.27340	.11346	.26790	193.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1401	211.91	.48279	-.01975	10.278	.28594	1.0092
Stddev	.0074	.83	.00032	.00018	.063	.00157	.0021
%RSD	.17969	.39324	.06720	.92383	.60988	.55061	.20420

#1	4.1407	210.95	.48277	-.01960	10.243	.28612	1.0073
#2	4.1323	212.45	.48313	-.01970	10.241	.28741	1.0090
#3	4.1471	212.34	.48248	-.01996	10.351	.28428	1.0114

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.203	.02424	.27123	F 42.721	.63912	.02661	4.9527
Stddev	.182	.00072	.00699	.097	.00812	.00040	.0295
%RSD	.90010	2.9655	2.5768	.22784	1.2711	1.5069	.59576

#1	20.206	.02341	.27423	42.613	.64831	.02677	4.9821
#2	20.019	.02464	.27621	42.802	.63289	.02692	4.9231
#3	20.383	.02468	.26324	42.748	.63617	.02616	4.9528

Sample Name: K3584-01 Acquired: 6/28/2019 19:05:08 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-0D015-03- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19211	7.018	6.6146	3.7957	F<.00000
Stddev	.00274	.011	.0388	.0825	3.0005
%RSD	1.4262	.1584	.58663	2.1744	43.566

#1	.19368	7.030	6.6499	3.8642	-10.183
#2	.19371	7.016	6.5731	3.7041	-6.1651
#3	.18895	7.008	6.6207	3.8189	-4.3138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.6	28069.	2138.5	29.541	2002.5
Stddev	2.8	14.	18.3	.577	2.9
%RSD	.11482	.04964	.85762	1.9521	.14498

#1	2482.6	28058.	2118.4	29.206	2005.6
#2	2477.0	28085.	2154.3	30.207	2002.1
#3	2479.2	28065.	2142.7	29.210	1999.8

Sample Name: K3163-14 Acquired: 6/28/2019 19:09:33 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00512	-.00323	.00721	.00192	-.00260	.10170	.09322	.00025
Stddev	.00333	.00154	.00065	.00241	.00099	.01904	.00103	.00011
%RSD	65.121	47.565	9.0015	125.94	38.054	18.725	1.1102	42.972

#1	-.00237	-.00193	.00774	.00178	-.00351	.10319	.09204	.00036
#2	-.00416	-.00283	.00741	.00440	-.00154	.11996	.09397	.00015
#3	-.00883	-.00493	.00649	-.00043	-.00275	.08196	.09364	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	12.504	-.00044	.00968	.00804	.14637	.93007	.89083
Stddev	.00004	.272	.00069	.00028	.00011	.00246	.00102	.07284
%RSD	1788.8	2.1724	155.06	2.9164	1.4015	1.6796	.10946	8.1763

#1	-.00002	12.196	-.00079	.00936	.00816	.14915	.92889	.82468
#2	-.00004	12.608	.00035	.00980	.00796	.14448	.93065	.87892
#3	.00005	12.709	-.00089	.00989	.00799	.14548	.93067	.96889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	-.00005	323.43	-.00302	.02142	.64682	.00003	.00212
Stddev	.00040	.00064	2.54	.00046	.00009	.01581	.00042	.01882
%RSD	25.127	1251.0	.78410	15.131	.42327	2.4445	1512.6	887.38

#1	.00193	.00006	320.51	-.00265	.02152	.63701	.00039	-.00172
#2	.00115	.00052	324.76	-.00287	.02135	.66506	-.00043	-.01448
#3	.00164	-.00074	325.03	-.00353	.02138	.63839	.00011	.02257

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25421	.94529	.00146	.00344	-.00090	.0035	.08239	5.4915
Stddev	.01166	.01382	.00039	.00139	.00222	.0012	.00109	.1447
%RSD	4.5852	1.4617	26.442	40.528	245.51	35.36	1.3259	2.6354

#1	.26646	.96017	.00113	.00501	.00015	.0046	.08113	5.3244
#2	.25291	.94285	.00188	.00297	-.00345	.0022	.08296	5.5779
#3	.24326	.93286	.00135	.00234	.00059	.0037	.08308	5.5722

Sample Name: K3163-14 Acquired: 6/28/2019 19:09:33 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-062719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.5968
Stddev	1.7070
%RSD	22.470

#1	8.9694
#2	8.1354
#3	5.6854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2424.1	27149.	1952.7	33.363	2443.5
Stddev	12.1	70.	8.7	1.446	14.2
%RSD	.50065	.25703	.44386	4.3344	.58275

#1	2410.8	27092.	1948.1	31.703	2428.0
#2	2426.6	27129.	1947.4	34.039	2446.6
#3	2434.7	27227.	1962.7	34.348	2455.9

Sample Name: CCV09 Acquired: 6/28/2019 19:13:59 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15202 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9944	5.1097	4.9599	5.0450	5.0484	10.187	9.8923
Stddev	.0364	.0066	.0100	.0155	.0108	.114	.1032
%RSD	.72873	.12927	.20251	.30792	.21339	1.1208	1.0437

#1	5.0359	5.1021	4.9664	5.0620	5.0559	10.058	9.7741
#2	4.9795	5.1141	4.9649	5.0413	5.0533	10.225	9.9650
#3	4.9679	5.1129	4.9483	5.0315	5.0361	10.277	9.9378

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25383	2.4985	24.804	.98312	2.4964	1.2682	5.0185
Stddev	.00066	.0028	.403	.00237	.0077	.0025	.0057
%RSD	.26064	.11385	1.6254	.24128	.30750	.19591	.11319

#1	.25307	2.5015	24.348	.98414	2.5024	1.2701	5.0132
#2	.25417	2.4981	25.114	.98482	2.4989	1.2654	5.0245
#3	.25425	2.4958	24.951	.98041	2.4877	1.2689	5.0178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5264	24.741	2.4933	1.2427	24.666	2.4915	2.4730
Stddev	.0044	.286	.0050	.0028	.274	.0073	.0059
%RSD	.17502	1.1572	.20040	.22416	1.1101	.29455	.23943

#1	2.5226	24.438	2.4951	1.2405	24.365	2.4885	2.4768
#2	2.5312	25.007	2.4971	1.2458	24.902	2.4998	2.4760
#3	2.5252	24.777	2.4876	1.2418	24.730	2.4861	2.4662

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.139	5.0311	5.0611	5.0843	4.8815	5.0007	4.9434
Stddev	.152	.0120	.0471	.0097	.0245	.0103	.0464
%RSD	.60394	.23884	.93122	.19064	.50111	.20503	.93967

#1	24.982	5.0448	5.0273	5.0829	4.8878	5.0075	4.8905
#2	25.284	5.0226	5.0410	5.0754	4.9022	5.0057	4.9776
#3	25.153	5.0259	5.1149	5.0946	4.8545	4.9889	4.9621

Sample Name: CCV09 Acquired: 6/28/2019 19:13:59 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15202 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0152	5.148	5.2598	5.1985	F<.00000
Stddev	.0562	.011	.0496	.0451	1.0182
%RSD	1.1207	.2189	.94295	.86719	128.30

#1	4.9515	5.142	5.2045	5.2469	-.14757
#2	5.0579	5.141	5.3003	5.1576	-1.9673
#3	5.0362	5.161	5.2747	5.1909	-.26593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.0	27886.	1945.2	31.580	2491.7
Stddev	8.7	132.	12.6	.384	6.9
%RSD	.35236	.47263	.64524	1.2163	.27734

#1	2461.0	27946.	1949.8	31.186	2485.5
#2	2474.5	27734.	1931.0	31.953	2490.4
#3	2477.4	27976.	1954.8	31.600	2499.2

Sample Name: CCB09 Acquired: 6/28/2019 19:17:57 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15202 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	.00114	.00029	-.00109	-.00185	.00773	.00158
Stddev	.00174	.00038	.00113	.00064	.00179	.01215	.00003
%RSD	107.00	33.580	389.42	58.608	97.108	157.20	2.1726

#1	.00036	.00097	-.00044	-.00092	-.00123	.00901	.00154
#2	-.00237	.00158	.00159	-.00180	-.00387	-.00501	.00160
#3	-.00288	.00087	-.00028	-.00055	-.00044	.01918	.00160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00001	.02131	-.00009	.00026	.00043	.00299
Stddev	.00006	.00007	.01746	.00016	.00006	.00070	.00016
%RSD	40.400	612.16	81.927	172.46	23.390	163.27	5.3923

#1	.00010	-.00009	.04143	-.00020	.00028	-.00033	.00296
#2	.00011	.00001	.01021	-.00017	.00030	.00058	.00316
#3	.00020	.00005	.01229	.00009	.00019	.00103	.00284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.04868	-.00015	.00081	.24038	.00029	-.00058
Stddev	.00007	.01435	.00046	.00084	.00925	.00049	.00007
%RSD	5313.7	29.476	307.80	103.20	3.8498	171.36	12.415

#1	-.00003	-.04897	-.00067	.00038	.23579	.00053	-.00065
#2	-.00005	-.06289	.00006	.00028	.25103	.00061	-.00051
#3	.00008	-.03419	.00017	.00178	.23432	-.00028	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05208	.00011	-.01890	.00499	.00345	-.00042	-.00141
Stddev	.00938	.00041	.03711	.00428	.00261	.00118	.00228
%RSD	18.006	355.05	196.40	85.716	75.697	282.27	161.37

#1	.04579	.00038	.01552	.00271	.00216	-.00173	-.00097
#2	.06286	.00031	-.05822	.00993	.00646	-.00006	-.00388
#3	.04760	-.00035	-.01399	.00234	.00174	.00054	.00061

Sample Name: CCB09 Acquired: 6/28/2019 19:17:57 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15202 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.0029	.00002	F 4.5024	F<.00000
Stddev	.00354	.0007	.00021	.2086	.65576
%RSD	425.75	23.05	1340.4	4.6322	65.267
#1	-.00217	-.0036	-.00009	4.2619	-1.7618
#2	-.00008	-.0027	-.00012	4.6123	-.64052
#3	.00474	-.0023	.00026	4.6331	-.61193
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.5	28637.	1949.7	32.222	2792.5
Stddev	8.9	103.	10.2	.988	5.1
%RSD	.34685	.35810	.52142	3.0664	.18173
#1	2547.7	28543.	1938.2	31.775	2787.0
#2	2564.9	28746.	1957.5	33.355	2793.6
#3	2560.0	28620.	1953.4	31.536	2797.0

Sample Name: K3163-16 Acquired: 6/28/2019 19:22:25 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00256	.00666	.00595	-.00114	.14315	.12166	.00026
Stddev	.00507	.00094	.00095	.00255	.00247	.01338	.00135	.00003
%RSD	306.92	36.545	14.315	42.897	216.10	9.3436	1.1072	11.821

#1	.00419	-.00155	.00595	.00590	.00105	.12801	.12020	.00023
#2	-.00487	-.00274	.00630	.00853	-.00382	.14809	.12286	.00027
#3	-.00428	-.00339	.00775	.00342	-.00066	.15336	.12193	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	20.299	-.00053	.00955	.01041	1.7265	1.0856	2.2174
Stddev	.00001	.205	.00041	.00036	.00027	.0107	.0005	.0423
%RSD	6.5789	1.0108	77.592	3.7716	2.5820	.62112	.04925	1.9067

#1	-.00009	20.062	-.00034	.00971	.01043	1.7319	1.0850	2.1691
#2	-.00010	20.425	-.00100	.00914	.01067	1.7335	1.0860	2.2480
#3	-.00010	20.411	-.00025	.00981	.01013	1.7142	1.0858	2.2350

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00044	352.52	-.00314	.02723	.65057	-.00012	-.00545
Stddev	.00023	.00040	1.53	.00023	.00010	.02138	.00018	.04605
%RSD	10.847	91.486	.43479	7.2606	.38510	3.2857	152.30	844.24

#1	.00193	.00083	350.91	-.00338	.02720	.67173	.00001	.04489
#2	.00237	.00047	352.69	-.00313	.02734	.65101	-.00032	-.04544
#3	.00206	.00003	353.96	-.00292	.02714	.62898	-.00004	-.01581

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32197	1.1227	.00351	.00202	-.00115	.0015	.11068	5.1810
Stddev	.01084	.0097	.00077	.00354	.00162	.0009	.00104	.1744
%RSD	3.3659	.86133	21.914	174.84	140.13	59.85	.94140	3.3661

#1	.33274	1.1204	.00263	.00539	-.00185	.0007	.10948	5.0929
#2	.31107	1.1333	.00381	.00235	.00069	.0014	.11137	5.0682
#3	.32209	1.1144	.00408	-.00167	-.00230	.0025	.11119	5.3819

Sample Name: K3163-16 Acquired: 6/28/2019 19:22:25 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-062719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1261
 Stddev .6713
 %RSD 10.958

#1 6.3745
 #2 5.3660
 #3 6.6377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.8	27664.	2011.6	33.001	2453.0
Stddev	3.5	40.	1.4	.600	3.3
%RSD	.14410	.14320	.07119	1.8184	.13564

#1	2454.0	27642.	2012.7	32.693	2449.7
#2	2460.9	27709.	2012.2	32.617	2452.9
#3	2458.7	27639.	2010.0	33.692	2456.3

Sample Name: K3554-04 Acquired: 6/28/2019 19:26:50 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	-.00177	.00588	.00243	-.00155	.74716	.39620	.00049
Stddev	.00119	.00182	.00071	.00179	.00035	.01618	.00742	.00004
%RSD	68.512	102.33	12.015	73.461	22.538	2.1659	1.8736	7.2819

#1	-.00037	-.00137	.00614	.00303	-.00158	.74016	.38809	.00051
#2	-.00256	-.00376	.00509	.00384	-.00118	.73566	.39786	.00045
#3	-.00228	-.00019	.00643	.00042	-.00188	.76567	.40266	.00051

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	6.5900	.00089	.00200	.00787	2.3970	.19331	1.1298
Stddev	.00009	.0584	.00033	.00017	.00049	.0056	.00100	.0196
%RSD	50.475	.88558	37.023	8.5497	6.1890	.23326	.51847	1.7301

#1	-.00010	6.5228	.00071	.00182	.00825	2.3908	.19248	1.1087
#2	-.00014	6.6276	.00068	.00202	.00732	2.3987	.19302	1.1472
#3	-.00027	6.6197	.00126	.00216	.00803	2.4015	.19442	1.1334

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	.00016	292.70	.00116	.06711	.55158	-.00039	.02650
Stddev	.00011	.00024	3.86	.00072	.00030	.04413	.00021	.02681
%RSD	5.2361	147.54	1.3179	62.349	.44340	8.0004	52.547	101.16

#1	.00224	.00042	288.36	.00061	.06743	.58012	-.00060	.04112
#2	.00202	.00010	294.03	.00198	.06706	.50075	-.00018	-.00444
#3	.00212	-.00004	295.72	.00089	.06684	.57386	-.00040	.04282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19361	1.7773	.00125	.02549	.00022	.0044	.04025	5.3975
Stddev	.00599	.0118	.00092	.00276	.00310	.0034	.00055	.0452
%RSD	3.0962	.66274	74.145	10.809	1419.1	77.42	1.3566	.83687

#1	.19952	1.7901	.00066	.02722	-.00123	.0033	.03993	5.4492
#2	.19376	1.7749	.00231	.02695	-.00190	.0083	.03994	5.3780
#3	.18754	1.7669	.00077	.02232	.00378	.0017	.04088	5.3654

Sample Name: K3554-04 Acquired: 6/28/2019 19:26:50 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-11 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5495
 Stddev .1709
 %RSD 3.7564

#1 4.4469
 #2 4.7467
 #3 4.4547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.4	27696.	1997.9	33.810	2498.5
Stddev	5.8	88.	13.5	1.150	7.3
%RSD	.23311	.31699	.67734	3.4026	.29321

#1	2474.7	27757.	1984.7	32.492	2495.3
#2	2471.6	27595.	1997.3	34.612	2493.3
#3	2482.8	27735.	2011.7	34.326	2506.8

Sample Name: K3554-08 Acquired: 6/28/2019 19:31:14 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-15 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	-.00152	.00322	.00253	-.00148	.06450	.10401	.00034
Stddev	.00318	.00103	.00106	.00352	.00098	.01154	.00065	.00004
%RSD	103.60	67.938	32.881	138.82	65.916	17.888	.62261	12.626

#1	-.00673	-.00255	.00443	.00094	-.00083	.07043	.10338	.00039
#2	-.00101	-.00049	.00245	.00656	-.00261	.05121	.10397	.00033
#3	-.00146	-.00151	.00278	.00009	-.00101	.07187	.10468	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	5.9427	.00002	.00011	.00327	.01819	.05082	1.7107
Stddev	.00003	.0706	.00003	.00032	.00008	.00032	.00022	.0248
%RSD	23.186	1.1884	193.11	280.98	2.5087	1.7408	.43206	1.4506

#1	-.00009	5.8740	.00003	-.00002	.00320	.01793	.05074	1.7010
#2	-.00013	6.0151	-.00002	-.00012	.00324	.01811	.05107	1.7388
#3	-.00014	5.9391	.00003	.00048	.00336	.01854	.05065	1.6921

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00047	329.47	-.00041	.01827	.52859	-.00033	-.01228
Stddev	.00065	.00051	2.48	.00008	.00019	.06457	.00037	.01182
%RSD	42.935	108.35	.75367	18.405	1.0163	12.215	114.06	96.258

#1	.00095	.00055	326.63	-.00032	.01806	.45648	-.00007	-.02536
#2	.00137	-.00007	330.54	-.00046	.01832	.58105	-.00016	-.00237
#3	.00222	.00094	331.24	-.00044	.01842	.54825	-.00075	-.00910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21462	.30973	.00190	.00216	.00299	.0069	.03971	5.0056
Stddev	.00406	.00484	.00067	.00180	.00082	.0022	.00022	.1953
%RSD	1.8897	1.5625	35.241	83.484	27.420	31.81	.56646	3.9015

#1	.21260	.30816	.00219	.00008	.00212	.0090	.03947	5.2218
#2	.21929	.31515	.00238	.00320	.00308	.0071	.03992	4.8421
#3	.21196	.30586	.00114	.00319	.00375	.0046	.03973	4.9528

Sample Name: K3554-08 Acquired: 6/28/2019 19:31:14 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-15 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.3835
Stddev .7961
%RSD 12.472

#1 7.1947
#2 6.3527
#3 5.6033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.8	27999.	2011.7	32.539	2467.8
Stddev	15.4	63.	7.9	.612	14.9
%RSD	.62870	.22499	.39099	1.8811	.60250

#1	2469.1	27934.	2012.6	31.832	2484.5
#2	2438.4	28005.	2003.5	32.910	2455.9
#3	2450.7	28059.	2019.1	32.874	2463.2

Sample Name: K3554-12 Acquired: 6/28/2019 19:35:42 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00292	.00333	.00032	.00046	.04640	.13283	.00027
Stddev	.00218	.00203	.00087	.00478	.00188	.01712	.00132	.00011
%RSD	75.362	69.465	25.982	1482.3	407.64	36.907	.99325	41.775

#1	-.00039	-.00171	.00296	-.00212	.00089	.05705	.13143	.00018
#2	-.00441	-.00180	.00272	-.00274	-.00159	.05550	.13300	.00039
#3	-.00387	-.00527	.00433	.00583	.00209	.02664	.13406	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	7.4932	-.00043	.00012	.00669	.03717	.02069	2.0448
Stddev	.00006	.0900	.00028	.00005	.00050	.00062	.00015	.0687
%RSD	44.250	1.2007	64.284	43.944	7.4336	1.6698	.70437	3.3602

#1	-.00010	7.3942	-.00054	.00008	.00716	.03647	.02059	2.0560
#2	-.00022	7.5157	-.00012	.00010	.00675	.03740	.02063	2.1072
#3	-.00011	7.5699	-.00063	.00017	.00617	.03765	.02086	1.9712

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	.00030	321.92	.00020	.01995	.53072	-.00038	.01435
Stddev	.00034	.00081	2.73	.00001	.00021	.05778	.00052	.01295
%RSD	133.74	265.91	.84949	4.9760	1.0482	10.887	137.78	90.243

#1	-.00065	-.00023	318.76	.00020	.02019	.59738	-.00097	-.00025
#2	-.00002	-.00010	323.55	.00020	.01985	.49980	.00003	.01884
#3	-.00010	.00124	323.45	.00021	.01981	.49499	-.00020	.02446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14876	.53184	.00123	.00027	.00312	.0212	.04995	5.6250
Stddev	.00242	.00300	.00097	.00064	.00232	.0028	.00044	.0683
%RSD	1.6283	.56444	79.265	231.21	74.128	13.02	.88643	1.2137

#1	.15135	.53410	.00228	.00100	.00571	.0180	.04946	5.6992
#2	.14655	.52843	.00035	-.00020	.00125	.0228	.05007	5.6111
#3	.14836	.53299	.00105	.00003	.00242	.0228	.05032	5.5648

Sample Name: K3554-12 Acquired: 6/28/2019 19:35:42 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-16 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8631
 Stddev 1.4870
 %RSD 25.362

#1 6.6531
 #2 4.1478
 #3 6.7885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2461.1	27613.	1980.2	33.802	2480.7
Stddev	11.2	126.	9.7	1.834	8.0
%RSD	.45520	.45747	.48874	5.4268	.32064

#1	2455.2	27576.	1972.7	32.674	2475.9
#2	2454.1	27509.	1976.7	32.815	2476.3
#3	2474.0	27753.	1991.1	35.919	2489.9

Sample Name: K3555-04 Acquired: 6/28/2019 19:40:10 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-17 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00410	-.00328	.00264	.00308	.00116	.07727	.15017	.00032
Stddev	.00310	.00083	.00074	.00362	.00237	.01393	.00102	.00006
%RSD	75.463	25.427	28.186	117.56	204.19	18.032	.67865	18.172

#1	-.00768	-.00285	.00212	.00719	-.00152	.07562	.14914	.00030
#2	-.00233	-.00424	.00349	.00034	.00202	.06424	.15019	.00028
#3	-.00230	-.00275	.00230	.00172	.00298	.09196	.15117	.00039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	10.901	-.00060	.00306	.00734	.04195	1.0321	.84454
Stddev	.00003	.090	.00032	.00007	.00044	.00107	.0013	.01695
%RSD	1202.5	.82165	52.494	2.1868	6.0393	2.5411	.12754	2.0068

#1	.00001	10.837	-.00077	.00311	.00704	.04074	1.0309	.82628
#2	.00002	10.864	-.00080	.00299	.00713	.04274	1.0318	.84760
#3	-.00004	11.004	-.00024	.00309	.00785	.04237	1.0335	.85976

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	.00072	298.79	-.00342	.02366	.89637	-.00021	.00065
Stddev	.00035	.00054	1.31	.00042	.00008	.04455	.00012	.02244
%RSD	15.030	75.483	.43796	12.393	.34425	4.9703	58.547	3443.1

#1	.00201	.00016	297.39	-.00354	.02366	.84894	-.00017	-.02387
#2	.00270	.00076	299.00	-.00376	.02358	.93734	-.00035	.02016
#3	.00227	.00124	299.98	-.00294	.02374	.90283	-.00011	.00566

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20505	.87543	.00145	.00069	.00337	.0052	.09137	5.4765
Stddev	.00507	.00065	.00094	.00342	.00173	.0015	.00046	.0717
%RSD	2.4734	.07418	64.782	493.57	51.443	29.23	.50231	1.3085

#1	.20504	.87577	.00238	-.00247	.00456	.0036	.09096	5.4149
#2	.19998	.87583	.00148	.00433	.00138	.0054	.09187	5.5552
#3	.21012	.87468	.00050	.00023	.00417	.0066	.09130	5.4596

Sample Name: K3555-04 Acquired: 6/28/2019 19:40:10 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-17 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.6313
 Stddev .5738
 %RSD 10.190

#1 5.6526
 #2 5.0472
 #3 6.1943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.7	27673.	2001.3	32.068	2487.5
Stddev	11.5	43.	6.5	1.142	12.9
%RSD	.46931	.15502	.32543	3.5621	.51709

#1	2463.8	27650.	1995.0	30.759	2501.4
#2	2440.9	27723.	2000.9	32.864	2476.0
#3	2450.6	27647.	2008.0	32.582	2485.1

Sample Name: K3555-08 Acquired: 6/28/2019 19:44:36 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00011	.00339	.00377	-.00150	.05755	.16653	.00022
Stddev	.00199	.00090	.00042	.00017	.00026	.00986	.00031	.00002
%RSD	239.58	811.74	12.409	4.4467	17.570	17.128	.18885	7.2387

#1	.00090	.00085	.00343	.00388	-.00180	.06536	.16684	.00023
#2	-.00038	-.00024	.00295	.00357	-.00129	.04647	.16621	.00023
#3	-.00301	-.00094	.00379	.00385	-.00142	.06081	.16654	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	15.268	-.00039	.00176	.01960	.02789	.69946	1.3153
Stddev	.00004	.153	.00021	.00007	.00021	.00023	.00094	.0177
%RSD	103.49	1.0030	53.044	3.8801	1.0534	.81740	.13387	1.3457

#1	-.00000	15.133	-.00016	.00174	.01977	.02771	.69898	1.3355
#2	-.00003	15.238	-.00057	.00171	.01937	.02815	.70054	1.3081
#3	-.00008	15.435	-.00045	.00184	.01967	.02780	.69885	1.3024

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	.00032	310.78	-.00227	.02005	.61999	-.00035	.01026
Stddev	.00030	.00052	.78	.00042	.00028	.09894	.00038	.02707
%RSD	22.017	165.31	.25190	18.599	1.3998	15.958	108.79	263.70

#1	.00115	-.00008	310.13	-.00263	.01976	.50726	-.00024	-.01846
#2	.00123	.00091	310.55	-.00180	.02031	.69240	-.00004	.03529
#3	.00171	.00012	311.65	-.00237	.02009	.66032	-.00077	.01396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12302	.41701	.00202	-.00339	.00162	.0158	.06098	5.3201
Stddev	.00242	.00563	.00136	.00343	.00286	.0009	.00012	.0728
%RSD	1.9632	1.3507	67.178	101.28	176.52	5.480	.19528	1.3688

#1	.12031	.42014	.00209	-.00563	-.00058	.0157	.06085	5.3442
#2	.12380	.42038	.00334	-.00509	.00486	.0149	.06103	5.3779
#3	.12494	.41050	.00063	.00056	.00059	.0167	.06107	5.2383

Sample Name: K3555-08 Acquired: 6/28/2019 19:44:36 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-18 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.4517
 Stddev .7300
 %RSD 11.314

#1 6.8061
 #2 5.6122
 #3 6.9368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.9	28073.	2000.4	32.390	2490.8
Stddev	37.5	109.	14.1	.500	36.4
%RSD	1.5153	.38795	.70247	1.5441	1.4624

#1	2517.7	27956.	1989.1	32.633	2531.9
#2	2445.2	28093.	1995.9	31.815	2462.6
#3	2464.9	28171.	2016.1	32.723	2477.7

Sample Name: K3555-12 Acquired: 6/28/2019 19:49:03 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00223	.00492	.00407	.00019	.17899	.16732	.00037
Stddev	.00091	.00189	.00072	.00335	.00292	.02160	.00316	.00003
%RSD	40.737	84.991	14.601	82.339	1560.3	12.067	1.8868	7.8507

#1	-.00308	-.00431	.00424	.00427	-.00191	.15693	.16686	.00035
#2	-.00127	-.00062	.00484	.00732	.00352	.20010	.17068	.00036
#3	-.00239	-.00175	.00567	.00062	-.00104	.17994	.16442	.00040

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	25.863	-.00021	.00537	.00384	1.9515	.47325	1.0218
Stddev	.00005	.173	.00019	.00018	.00039	.0059	.00145	.0308
%RSD	26.022	.66742	90.442	3.3286	10.141	.30298	.30618	3.0156

#1	-.00014	25.694	-.00003	.00557	.00414	1.9579	.47468	1.0559
#2	-.00023	26.039	-.00020	.00522	.00340	1.9502	.47328	.99583
#3	-.00016	25.855	-.00042	.00532	.00398	1.9463	.47179	1.0138

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	.00033	317.50	-.00064	.03170	1.1432	-.00033	.00563
Stddev	.00024	.00049	1.90	.00057	.00021	.0088	.00013	.03506
%RSD	13.674	145.59	.59752	87.911	.66707	.77357	39.009	623.07

#1	.00178	.00072	316.35	-.00003	.03152	1.1381	-.00022	.00416
#2	.00192	-.00021	319.69	-.00115	.03164	1.1380	-.00029	-.02867
#3	.00146	.00050	316.47	-.00075	.03193	1.1534	-.00047	.04139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39914	.61363	.00250	.00273	.00140	.0011	.19422	5.4351
Stddev	.00316	.00912	.00091	.00184	.00468	.0007	.00013	.0532
%RSD	.79094	1.4861	36.488	67.337	333.56	61.68	.06439	.97833

#1	.39839	.61771	.00147	.00401	-.00365	.0007	.19408	5.4940
#2	.40260	.60318	.00320	.00062	.00558	.0018	.19431	5.3906
#3	.39642	.61999	.00283	.00356	.00228	.0007	.19426	5.4208

Sample Name: K3555-12 Acquired: 6/28/2019 19:49:03 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-9 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.8263
Stddev	.3890
%RSD	5.6980

#1	6.8620
#2	6.4208
#3	7.1962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.2	27783.	1990.4	33.775	2465.5
Stddev	16.9	127.	13.0	2.305	19.1
%RSD	.68783	.45607	.65425	6.8259	.77509

#1	2461.8	27676.	1984.0	33.187	2480.7
#2	2464.1	27751.	2005.4	36.318	2471.7
#3	2433.8	27923.	1981.9	31.821	2444.0

Sample Name: K3555-16 Acquired: 6/28/2019 19:53:27 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	-.00294	.00607	.00388	-.00064	.13920	.18963	.00028
Stddev	.00427	.00010	.00129	.00230	.00182	.00640	.00202	.00002
%RSD	135.68	3.4414	21.178	59.195	284.64	4.5982	1.0630	5.6639

#1	-.00127	-.00290	.00756	.00641	-.00272	.14616	.18731	.00030
#2	-.00802	-.00306	.00537	.00330	.00013	.13356	.19055	.00028
#3	-.00013	-.00287	.00529	.00193	.00067	.13787	.19102	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	6.0115	.00020	.00389	.01147	.19080	1.0987	1.6519
Stddev	.00006	.0511	.00013	.00005	.00052	.00101	.0028	.0840
%RSD	137.66	.85041	66.146	1.1861	4.5574	.53153	.25798	5.0873

#1	-.00011	5.9805	.00005	.00386	.01183	.19119	1.0957	1.5561
#2	.00001	6.0705	.00031	.00386	.01172	.19156	1.1013	1.7132
#3	-.00003	5.9834	.00025	.00394	.01087	.18965	1.0993	1.6864

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	.00045	344.50	-.00343	.06283	.76454	-.00040	.00577
Stddev	.00061	.00073	2.49	.00040	.00045	.03320	.00034	.03585
%RSD	42.805	163.50	.72209	11.643	.71011	4.3419	86.589	620.81

#1	.00073	.00046	341.65	-.00307	.06332	.72736	-.00018	.02356
#2	.00186	.00116	346.19	-.00336	.06274	.77504	-.00079	.02925
#3	.00168	-.00029	345.67	-.00386	.06244	.79121	-.00022	-.03549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09678	.47331	.00181	-.00049	.00299	.0027	.03297	5.3618
Stddev	.00299	.00186	.00032	.00215	.00046	.0028	.00029	.1618
%RSD	3.0859	.39299	17.683	434.07	15.253	103.6	.86567	3.0186

#1	.09879	.47121	.00216	-.00080	.00352	.0058	.03265	5.3112
#2	.09335	.47398	.00171	.00179	.00277	.0009	.03307	5.2312
#3	.09820	.47475	.00154	-.00247	.00270	.0013	.03319	5.5429

Sample Name: K3555-16 Acquired: 6/28/2019 19:53:27 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-12 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.6678
Stddev	2.9043
%RSD	43.557

#1	3.6512
#2	9.4449
#3	6.9074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.7	27635.	2001.4	34.534	2489.2
Stddev	28.1	77.	6.4	1.305	31.5
%RSD	1.1358	.27948	.32057	3.7777	1.2647

#1	2445.3	27723.	2005.6	33.741	2458.0
#2	2474.2	27605.	1994.0	33.821	2488.5
#3	2501.5	27578.	2004.6	36.039	2521.0

Sample Name: K3555-20 Acquired: 6/28/2019 19:57:54 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	-.00136	.00579	.00263	-.00137	.09547	.33803	.00041
Stddev	.00251	.00105	.00039	.00287	.00046	.00776	.00280	.00003
%RSD	140.82	77.531	6.6756	109.10	33.225	8.1332	.82776	8.1888

#1	-.00021	-.00180	.00535	-.00060	-.00087	.09090	.33491	.00044
#2	-.00467	-.00212	.00605	.00489	-.00175	.10443	.33886	.00038
#3	-.00046	-.00016	.00599	.00359	-.00150	.09107	.34032	.00041

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	6.6770	-.00117	.00780	.01074	2.9857	1.8259	.83689
Stddev	.00004	.0641	.00014	.00014	.00056	.0065	.0030	.03400
%RSD	147.44	.96049	12.238	1.7407	5.2133	.21827	.16247	4.0624

#1	.00002	6.6247	-.00102	.00765	.01025	2.9823	1.8224	.87585
#2	-.00004	6.6577	-.00130	.00785	.01062	2.9932	1.8274	.81327
#3	-.00006	6.7485	-.00118	.00790	.01135	2.9816	1.8278	.82154

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	.00080	313.96	-.00581	.03689	1.1026	.00006	-.01612
Stddev	.00036	.00025	2.47	.00004	.00012	.0942	.00028	.02100
%RSD	22.243	31.448	.78683	.67220	.32953	8.5451	481.01	130.25

#1	.00137	.00052	311.29	-.00577	.03703	1.0097	-.00000	-.04010
#2	.00143	.00088	314.40	-.00585	.03680	1.1981	.00037	-.00722
#3	.00202	.00101	316.18	-.00582	.03684	1.1001	-.00019	-.00104

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10400	.33687	.00107	.00154	.00182	.0014	.06338	5.6661
Stddev	.00757	.00214	.00090	.00180	.00161	.0014	.00053	.1572
%RSD	7.2775	.63486	84.128	116.63	88.458	97.44	.82966	2.7738

#1	.10679	.33505	.00084	.00344	.00040	.0024	.06279	5.6075
#2	.10978	.33633	.00031	.00132	.00358	-.0002	.06354	5.8442
#3	.09544	.33922	.00206	-.00014	.00149	.0021	.06381	5.5467

Sample Name: K3555-20 Acquired: 6/28/2019 19:57:54 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-13 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8675
 Stddev 1.8197
 %RSD 31.014

#1 5.3443
 #2 4.3666
 #3 7.8915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.0	27498.	1971.4	32.090	2450.3
Stddev	10.8	56.	5.8	.394	10.4
%RSD	.44578	.20420	.29536	1.2280	.42378

#1	2421.7	27557.	1969.4	31.643	2439.4
#2	2423.8	27445.	1978.0	32.239	2451.5
#3	2441.4	27494.	1966.9	32.387	2460.1

Sample Name: K3555-24 Acquired: 6/28/2019 20:02:20 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00232	.00343	.00352	.00097	.06018	.11245	.00032
Stddev	.00076	.00171	.00002	.00324	.00136	.00863	.00277	.00013
%RSD	81.807	73.686	.65126	92.035	139.99	14.343	2.4672	40.566

#1	.00179	-.00284	.00340	.00599	.00254	.06997	.10938	.00026
#2	.00058	-.00372	.00344	.00470	.00017	.05691	.11318	.00048
#3	.00040	-.00041	.00344	-.00015	.00020	.05366	.11479	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	3.8488	-.00058	.00059	.00588	.01834	.05810	1.4033
Stddev	.00005	.0280	.00039	.00025	.00047	.00072	.00045	.0542
%RSD	26.801	.72851	66.868	42.713	7.9838	3.9208	.77115	3.8613

#1	-.00022	3.8483	-.00071	.00087	.00540	.01849	.05766	1.3583
#2	-.00022	3.8771	-.00015	.00053	.00590	.01756	.05808	1.3880
#3	-.00013	3.8211	-.00089	.00037	.00633	.01897	.05855	1.4635

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	.00008	307.50	-.00013	.02150	.55420	-.00027	-.01005
Stddev	.00025	.00042	2.97	.00011	.00028	.06778	.00020	.02349
%RSD	25.516	517.76	.96723	82.503	1.3153	12.230	75.316	233.74

#1	.00095	-.00040	304.17	-.00023	.02170	.61776	-.00039	-.00405
#2	.00075	.00025	308.44	-.00017	.02118	.48287	-.00039	-.03595
#3	.00125	.00040	309.89	-.00001	.02162	.56196	-.00004	.00986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26403	.18302	.00199	-.00025	.00226	.0075	.02630	5.0461
Stddev	.00176	.00473	.00023	.00262	.00357	.0044	.00015	.2044
%RSD	.66596	2.5862	11.612	1042.6	158.16	57.86	.58342	4.0511

#1	.26368	.18753	.00172	.00089	-.00186	.0125	.02641	4.8979
#2	.26247	.18344	.00216	-.00325	.00418	.0059	.02635	4.9610
#3	.26593	.17809	.00208	.00160	.00445	.0042	.02612	5.2793

Sample Name: K3555-24 Acquired: 6/28/2019 20:02:20 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-14 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.1842
 Stddev 1.0720
 %RSD 20.678

#1 6.1882
 #2 4.0552
 #3 5.3093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.3	27759.	2015.3	32.958	2491.9
Stddev	7.4	57.	34.1	1.364	9.3
%RSD	.29736	.20522	1.6925	4.1384	.37284

#1	2465.6	27818.	1977.8	31.810	2481.9
#2	2471.1	27755.	2023.6	34.466	2493.4
#3	2480.2	27704.	2044.6	32.599	2500.3

Sample Name: CCV10 Acquired: 6/28/2019 20:06:48 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0592	5.1810	5.0366	5.0954	5.1110	10.385	9.9812	.25710
Stddev	.0069	.0177	.0134	.0090	.0136	.062	.0506	.00054
%RSD	.13652	.34253	.26675	.17608	.26519	.59619	.50715	.21114
#1	5.0516	5.1981	5.0494	5.1058	5.1231	10.394	9.9682	.25754
#2	5.0652	5.1627	5.0377	5.0896	5.0964	10.442	10.037	.25727
#3	5.0607	5.1822	5.0226	5.0910	5.1136	10.319	9.9385	.25649
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5391	25.223	.99488	2.5332	1.2818	5.0987	2.5630	24.870
Stddev	.0047	.318	.00156	.0054	.0012	.0119	.0054	.051
%RSD	.18667	1.2617	.15675	.21465	.08964	.23348	.20907	.20329
#1	2.5443	24.868	.99567	2.5393	1.2820	5.1102	2.5676	24.900
#2	2.5351	25.483	.99589	2.5287	1.2805	5.0865	2.5571	24.812
#3	2.5378	25.319	.99309	2.5317	1.2828	5.0995	2.5642	24.898
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5350	1.2575	25.082	2.5308	2.5093	25.531	5.1071	5.0478
Stddev	.0037	.0028	.106	.0075	.0047	.137	.0064	.0492
%RSD	.14568	.22222	.42088	.29594	.18810	.53739	.12512	.97555
#1	2.5392	1.2584	25.011	2.5386	2.5148	25.596	5.1145	5.0301
#2	2.5322	1.2544	25.203	2.5237	2.5069	25.624	5.1035	5.1035
#3	2.5335	1.2598	25.032	2.5300	2.5064	25.373	5.1033	5.0099
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1195	4.9339	5.0804	5.0141	5.1128	5.235	5.3618	5.4106
Stddev	.0276	.0812	.0109	.0408	.0769	.012	.0745	.2350
%RSD	.53871	1.6460	.21435	.81266	1.5038	.2187	1.3892	4.3434
#1	5.1455	4.8438	5.0901	4.9679	5.0246	5.248	5.2758	5.4873
#2	5.0905	4.9562	5.0686	5.0449	5.1482	5.226	5.4018	5.1468
#3	5.1224	5.0016	5.0825	5.0295	5.1656	5.233	5.4078	5.5977

Sample Name: CCV10 Acquired: 6/28/2019 20:06:48 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1177
Stddev	.8379
%RSD	74.964

#1	1.0944
#2	1.9670
#3	.29175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.0	28160.	1949.0	32.353	2493.6
Stddev	4.8	86.	18.4	1.824	4.2
%RSD	.19310	.30616	.94336	5.6364	.16670

#1	2472.9	28067.	1968.8	31.802	2489.4
#2	2473.6	28176.	1945.9	34.388	2493.7
#3	2481.5	28237.	1932.4	30.868	2497.7

Sample Name: CCB10 Acquired: 6/28/2019 20:10:46 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	.00100	.00035	-.00070	.00016	.01074	.00128
Stddev	.00164	.00143	.00028	.00157	.00087	.00821	.00057
%RSD	99.537	142.32	78.504	224.12	535.84	76.481	44.408

#1	.00023	.00226	.00060	.00010	.00024	.01493	.00065
#2	-.00237	-.00055	.00041	.00030	-.00074	.00128	.00174
#3	-.00278	.00130	.00005	-.00251	.00099	.01601	.00146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00000	-.00200	-.00080	.00007	.00067	.00367
Stddev	.00003	.00009	.00875	.00026	.00009	.00009	.00064
%RSD	32.055	2677.5	436.46	32.379	131.82	13.917	17.363

#1	.00008	-.00005	-.00000	-.00092	-.00003	.00060	.00424
#2	.00014	-.00005	-.01158	-.00099	.00013	.00077	.00380
#3	.00010	.00010	.00557	-.00051	.00011	.00062	.00298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.04653	-.00048	.00013	.32115	.00012	-.00070
Stddev	.00020	.08192	.00023	.00083	.01419	.00007	.00008
%RSD	993.12	176.08	48.527	660.95	4.4188	57.084	10.900

#1	.00018	.14112	-.00026	.00043	.32123	.00009	-.00076
#2	-.00003	-.00015	-.00046	.00077	.33530	.00007	-.00074
#3	-.00021	-.00140	-.00072	-.00081	.30692	.00020	-.00061

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03823	.00016	-.00405	-.00117	.00258	-.00039	-.00052
Stddev	.04908	.00048	.00641	.00474	.00074	.00026	.00038
%RSD	128.41	307.32	158.46	404.74	28.505	65.531	72.792

#1	-.00708	.00057	-.00037	.00430	.00254	-.00054	-.00021
#2	.03139	-.00037	-.01145	-.00399	.00187	-.00010	-.00094
#3	.09037	.00026	-.00032	-.00383	.00334	-.00055	-.00040

Sample Name: CCB10 Acquired: 6/28/2019 20:10:46 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.0014	-.00000	F 4.4494	F<.00000
Stddev	.00429	.0030	.00011	.0828	.53537
%RSD	2728.0	210.9	2767.2	1.8600	228.04
#1	-.00400	-.0049	-.00007	4.4747	-.46446
#2	.00458	-.0000	-.00006	4.3569	-.61698
#3	-.00011	.0006	.00012	4.5165	.37711
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.2	28686.	1929.6	32.803	2793.4
Stddev	7.3	176.	10.7	.750	8.6
%RSD	.28706	.61280	.55223	2.2877	.30757
#1	2544.8	28504.	1918.8	31.961	2784.1
#2	2558.2	28701.	1930.1	33.402	2795.2
#3	2556.5	28854.	1940.0	33.045	2801.0

Sample Name: K3563-02 Acquired: 6/28/2019 20:15:14 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-COMP-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	-.00326	-.00191	.00479	.00249	-.00058	.10699	.22229	.00031
Stddev	.00161	.00081	.00111	.00295	.00066	.01429	.00143	.00006
%RSD	49.575	42.617	23.199	118.47	114.07	13.355	.64393	18.023

#1	-.00405	-.00116	.00509	.00123	-.00004	.09371	.22078	.00028
#2	-.00433	-.00180	.00572	.00587	-.00132	.10515	.22246	.00026
#3	-.00140	-.00278	.00356	.00038	-.00038	.12211	.22363	.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	46.895	-.00058	.01309	.00373	.05355	1.7022	10.021
Stddev	.00014	.420	.00030	.00019	.00065	.00037	.0031	.060
%RSD	89.821	.89610	52.203	1.4548	17.394	.69017	.17889	.59448

#1	.00030	46.415	-.00023	.01319	.00400	.05322	1.7051	10.071
#2	.00001	47.199	-.00077	.01322	.00299	.05350	1.7024	9.9553
#3	.00016	47.070	-.00075	.01287	.00419	.05395	1.6991	10.039

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00697	.00028	352.74	-.00564	.10549	1.2941	-.00017	.03243
Stddev	.00068	.00082	1.09	.00050	.00007	.0462	.00015	.00841
%RSD	9.6948	293.95	.30803	8.9023	.06656	3.5736	89.434	25.932

#1	.00722	-.00063	352.04	-.00620	.10543	1.2808	-.00033	.03555
#2	.00620	.00051	352.19	-.00522	.10557	1.2559	-.00013	.03885
#3	.00749	.00097	353.99	-.00550	.10547	1.3455	-.00004	.02291

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78168	.92986	.00232	.00169	.00226	-.0014	.11868	5.3653
Stddev	.00315	.00740	.00079	.00281	.00038	.0005	.00135	.1790
%RSD	.40347	.79617	34.283	165.78	16.669	34.18	1.1334	3.3369

#1	.78479	.93036	.00321	.00014	.00267	-.0009	.11718	5.5044
#2	.77849	.93700	.00169	.00494	.00193	-.0015	.11977	5.1633
#3	.78175	.92222	.00206	.00001	.00219	-.0019	.11909	5.4281

Sample Name: K3563-02 Acquired: 6/28/2019 20:15:14 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.1727
 Stddev 1.6222
 %RSD 22.616

#1 5.3059
 #2 7.9729
 #3 8.2394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.0	27404.	1961.1	32.273	2448.8
Stddev	9.9	133.	13.8	.764	7.2
%RSD	.40619	.48680	.70178	2.3661	.29349

#1	2433.1	27252.	1961.5	31.640	2440.6
#2	2452.4	27464.	1947.1	32.057	2454.0
#3	2446.6	27497.	1974.6	33.121	2451.9

Sample Name: K3563-04 Acquired: 6/28/2019 20:19:38 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00132	.00371	.00498	-.00104	.07076	.22098	.00019
Stddev	.00190	.00104	.00053	.00214	.00062	.01236	.00270	.00005
%RSD	103.95	78.605	14.251	42.948	59.377	17.469	1.2240	28.089

#1	-.00310	-.00066	.00320	.00735	-.00165	.05861	.21812	.00018
#2	.00036	-.00251	.00425	.00442	-.00104	.08332	.22133	.00025
#3	-.00274	-.00078	.00367	.00318	-.00042	.07034	.22349	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	24.447	-.00062	.01105	.00250	.02258	1.1657	3.7415
Stddev	.00008	.253	.00066	.00016	.00028	.00033	.0034	.0906
%RSD	1848.4	1.0341	107.16	1.4284	11.187	1.4583	.29279	2.4218

#1	.00007	24.731	.00015	.01100	.00258	.02248	1.1619	3.7711
#2	-.00010	24.363	-.00095	.01092	.00274	.02231	1.1665	3.6397
#3	.00002	24.247	-.00105	.01123	.00219	.02295	1.1685	3.8135

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	.00023	280.94	-.00337	.09916	.85457	-.00008	.03948
Stddev	.00016	.00071	1.87	.00057	.00067	.05005	.00028	.01526
%RSD	2.7749	312.49	.66423	16.848	.67680	5.8568	355.96	38.644

#1	.00576	.00010	278.79	-.00301	.09847	.81888	-.00029	.02217
#2	.00608	.00099	282.00	-.00307	.09981	.83305	-.00018	.04529
#3	.00587	-.00041	282.04	-.00402	.09919	.91178	.00024	.05098

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47989	.70703	.00171	-.00055	.00254	-.0027	.06675	5.1515
Stddev	.00297	.01658	.00071	.00290	.00019	.0011	.00059	.1592
%RSD	.61991	2.3449	41.685	525.89	7.3497	38.92	.87737	3.0899

#1	.48164	.72529	.00249	.00280	.00266	-.0032	.06721	4.9991
#2	.48158	.69291	.00155	-.00216	.00262	-.0015	.06694	5.1389
#3	.47646	.70290	.00109	-.00229	.00232	-.0034	.06609	5.3167

Sample Name: K3563-04 Acquired: 6/28/2019 20:19:38 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-COMP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.0945
Stddev .1231
%RSD 2.0196

#1 6.0843
#2 6.2224
#3 5.9768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.4	28129.	1988.4	32.031	2520.1
Stddev	6.6	76.	45.3	1.504	3.4
%RSD	.26398	.27037	2.2782	4.6963	.13541

#1	2493.2	28062.	1940.0	30.314	2519.0
#2	2502.8	28113.	1995.5	33.114	2523.9
#3	2490.2	28212.	2029.8	32.666	2517.4

Sample Name: CCV11 Acquired: 6/28/2019 20:24:04 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0023	5.1063	4.9667	5.0188	5.0470	10.236	9.9331
Stddev	.0294	.0062	.0160	.0286	.0247	.166	.0947
%RSD	.58751	.12172	.32240	.56962	.48887	1.6263	.95382
#1	4.9700	5.0996	4.9499	4.9878	5.0186	10.046	9.8255
#2	5.0095	5.1120	4.9818	5.0245	5.0591	10.306	9.9699
#3	5.0275	5.1072	4.9684	5.0441	5.0632	10.357	10.004
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25519	2.5030	25.076	.99292	2.4945	1.2653	5.0723
Stddev	.00074	.0073	.134	.00127	.0070	.0068	.0074
%RSD	.28944	.29126	.53352	.12751	.28086	.53573	.14606
#1	.25473	2.4946	25.163	.99428	2.4866	1.2575	5.0664
#2	.25604	2.5071	25.144	.99270	2.4998	1.2690	5.0806
#3	.25481	2.5073	24.922	.99178	2.4971	1.2695	5.0698
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5426	24.920	2.4937	1.2528	24.899	2.5163	2.4735
Stddev	.0052	.320	.0053	.0020	.228	.0067	.0082
%RSD	.20298	1.2829	.21319	.16308	.91454	.26841	.33109
#1	2.5417	24.554	2.4876	1.2526	24.638	2.5154	2.4643
#2	2.5481	25.063	2.4964	1.2550	25.002	2.5235	2.4800
#3	2.5379	25.144	2.4971	1.2509	25.057	2.5101	2.4762
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.177	5.0367	5.0171	5.0534	4.9149	5.0074	4.9783
Stddev	.288	.0201	.0587	.0381	.0396	.0203	.0147
%RSD	1.1419	.39985	1.1709	.75298	.80647	.40523	.29580
#1	24.876	5.0134	4.9578	5.0107	4.9605	4.9884	4.9622
#2	25.207	5.0477	5.0752	5.0659	4.8962	5.0288	4.9910
#3	25.449	5.0488	5.0184	5.0836	4.8881	5.0050	4.9817

Sample Name: CCV11 Acquired: 6/28/2019 20:24:04 Type: Unk
 Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-062719 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0629	5.154	5.3304	4.8246	F<.00000
Stddev	.0162	.022	.0203	.1250	1.0065
%RSD	.31922	.4216	.38020	2.5902	84.898
#1	5.0760	5.129	5.3536	4.7468	-2.2924
#2	5.0678	5.168	5.3213	4.9688	-.93924
#3	5.0448	5.165	5.3162	4.7583	-.32507
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.2	28143.	1953.9	31.805	2526.0
Stddev	9.3	44.	21.9	2.263	6.2
%RSD	.36975	.15562	1.1217	7.1143	.24729
#1	2514.9	28190.	1929.2	29.380	2533.0
#2	2499.4	28103.	1961.6	32.176	2521.0
#3	2498.5	28135.	1970.9	33.859	2523.8

Sample Name: CCB11 Acquired: 6/28/2019 20:28:03 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8372 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	.00024	.00064	.00021	.00037	.00752	.00143	.00018
Stddev	.00631	.00066	.00099	.00456	.00157	.00255	.00053	.00015
%RSD	226.50	277.71	154.42	2137.6	429.62	33.894	36.857	81.609
#1	-.00193	.00041	.00116	.00431	-.00032	.01039	.00096	.00014
#2	.00305	-.00049	-.00050	-.00469	-.00075	.00554	.00132	.00035
#3	-.00948	.00079	.00126	.00102	.00216	.00663	.00200	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00007	-.00066	.00016	.00065	.00191	-.00012	-.05641
Stddev	.00009	.00832	.00038	.00014	.00033	.00032	.00009	.04161
%RSD	1502.8	11741.	58.099	90.138	49.770	16.606	77.169	73.765
#1	.00010	-.00961	-.00056	.00032	.00073	.00207	-.00022	-.09887
#2	-.00003	.00371	-.00033	.00003	.00030	.00211	-.00010	-.01569
#3	-.00008	.00569	-.00108	.00013	.00093	.00154	-.00004	-.05469
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	.00005	.30089	.00036	-.00062	.02315	.00059	.01340
Stddev	.00069	.00085	.00604	.00066	.00006	.06395	.00047	.01816
%RSD	137.29	1693.7	2.0074	185.33	9.4199	276.28	80.084	135.54
#1	.00029	-.00087	.29535	.00075	-.00067	-.05062	.00113	.02037
#2	-.00095	.00080	.29997	-.00041	-.00056	.06286	.00030	-.00721
#3	-.00084	.00022	.30733	.00073	-.00063	.05720	.00033	.02705
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00080	-.00058	-.00048	.00169	-.0010	.00019	F 4.4902
Stddev	.00418	.00282	.00041	.00252	.00204	.0011	.00003	.1255
%RSD	311.64	354.46	71.881	530.77	120.46	103.2	18.711	2.7958
#1	.00017	.00232	-.00064	.00241	-.00052	-.0019	.00015	4.4161
#2	-.00607	-.00152	-.00013	-.00227	.00211	.0001	.00020	4.6351
#3	.00187	-.00319	-.00095	-.00157	.00349	-.0013	.00021	4.4193

Sample Name: CCB11 Acquired: 6/28/2019 20:28:03 Type: Unk
Method: P4-ICP2(v3241) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8372 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .18460
Stddev	.32427
%RSD	175.66

#1	-.03329
#2	.02983
#3	.55725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2571.1	28832.	1949.3	33.579	2819.9
Stddev	8.0	76.	15.8	.833	6.9
%RSD	.30933	.26428	.80961	2.4811	.24458

#1	2573.8	28746.	1938.7	32.630	2814.0
#2	2562.2	28859.	1941.8	33.918	2818.1
#3	2577.5	28890.	1967.5	34.189	2827.5