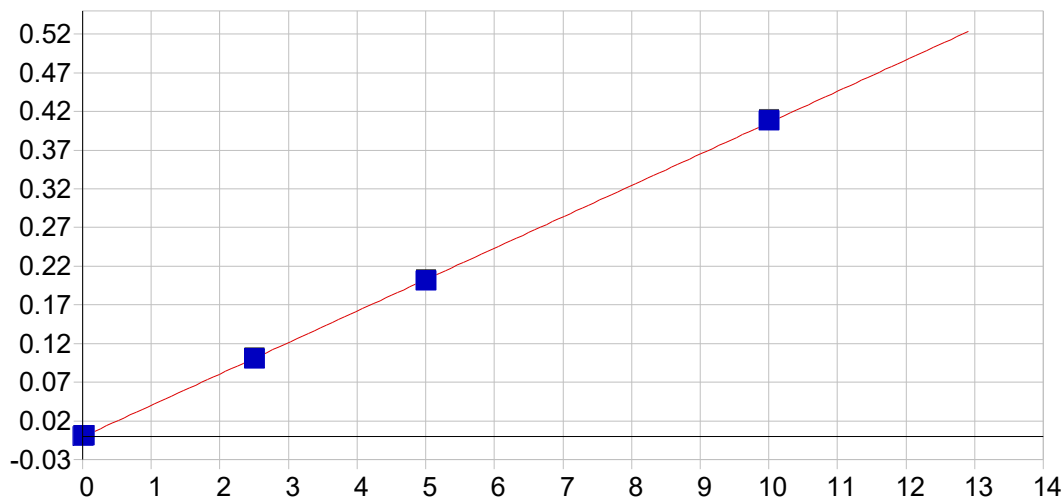


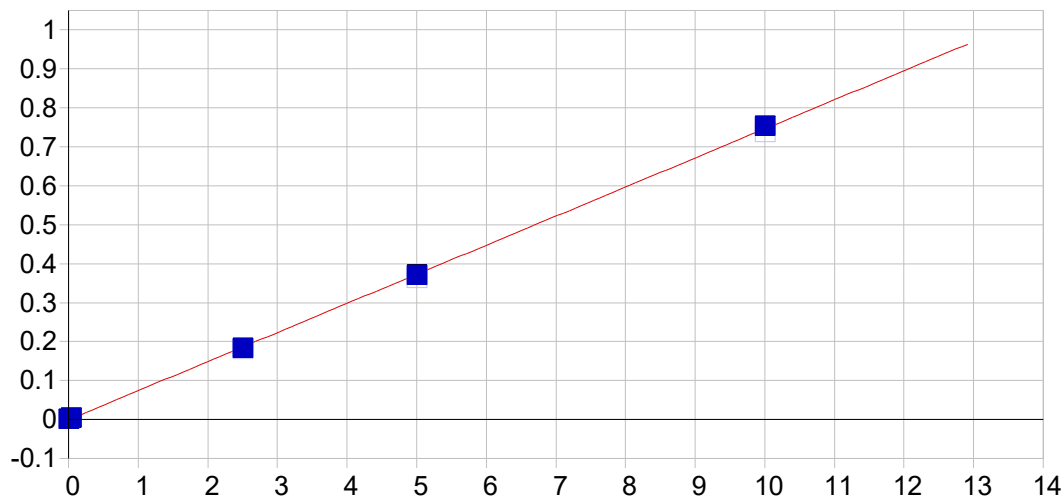


As 189.042 {479}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000426 Re-Slope: 1.000000
 A1 (Gain): 0.040575 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003139
 Predicted MQL: 0.010462

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.02000	.02515	.005	25.8	.00061	.000	1
S3	2.5000	2.4712	-.029	-1.15	.09997	.001	1
S4	5.0000	4.9597	-.040	-.807	.20107	.001	1
S5	10.000	10.064	.064	.640	.40844	.001	1



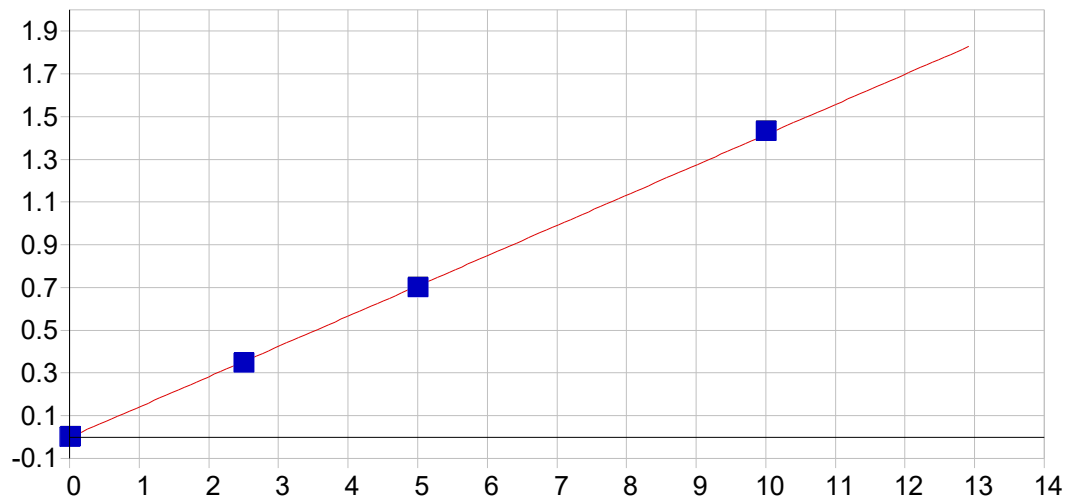
TI 190.856 {477}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000586 Re-Slope: 1.000000

A1 (Gain): 0.074663 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.001534
 Predicted MQL: 0.005114

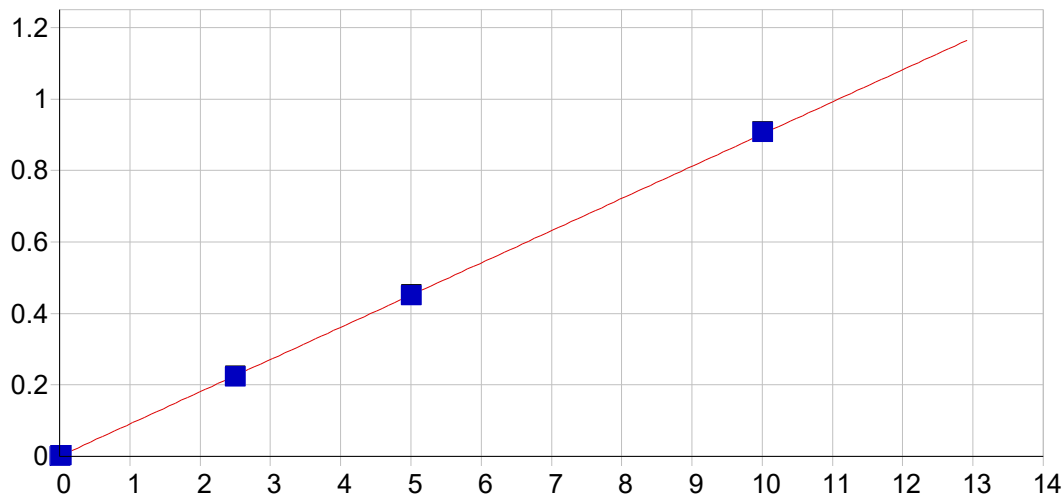
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00059	.000	1
S1	.04000	.04661	.007	16.5	.00277	.000	1
S3	2.5000	2.4507	-.049	-1.97	.17849	.001	1
S4	5.0000	4.9643	-.036	-.715	.36226	.002	1
S5	10.000	10.079	.079	.785	.73631	.000	1



Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000389 Re-Slope: 1.000000
 A1 (Gain): 0.141571 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001606
 Predicted MQL: 0.005352

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.01200	.01353	.002	12.8	.00149	.000	1
S3	2.5000	2.4447	-.055	-2.21	.34525	.001	1
S4	5.0000	4.9406	-.059	-1.19	.69813	.002	1
S5	10.000	10.113	.113	1.13	1.4295	.001	1

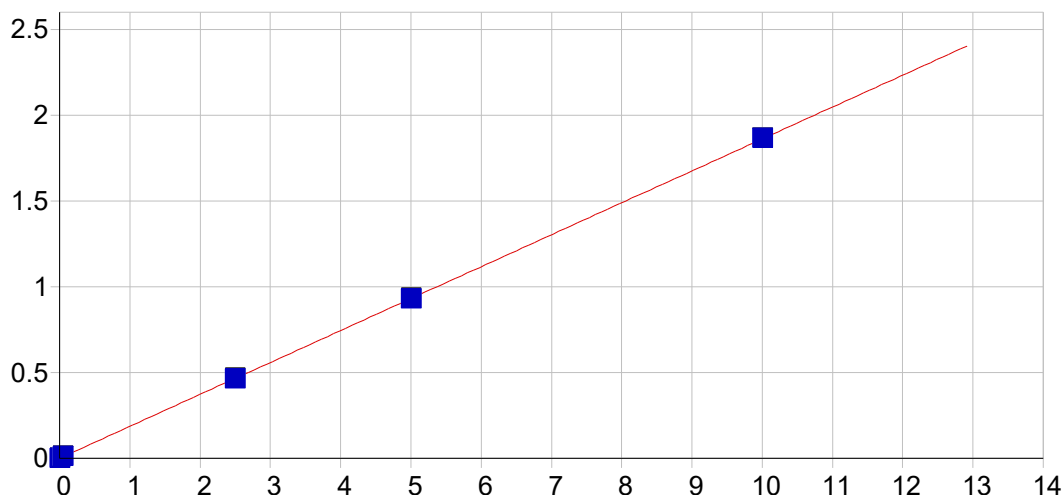


Se 196.090 {472}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000604 Re-Slope: 1.000000
 A1 (Gain): 0.090115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002169
 Predicted MQL: 0.007229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00060	.000	1
S1	.02000	.02167	.002	8.35	.00256	.000	1
S3	2.5000	2.4663	-.034	-1.35	.22283	.001	1
S4	5.0000	4.9886	-.011	-.228	.45010	.002	1
S5	10.000	10.043	.043	.434	.90557	.002	1



Sb 206.833 {463}

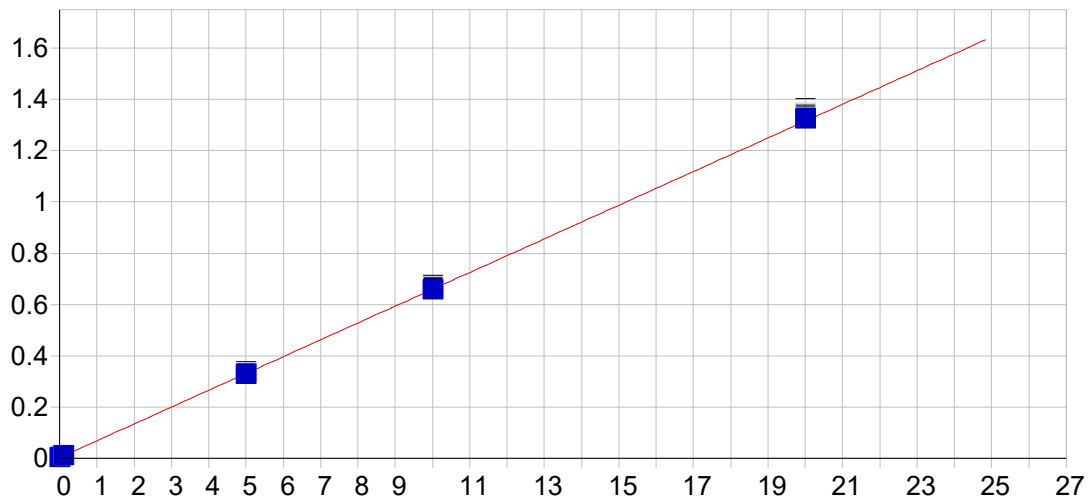
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000565 Re-Slope: 1.000000
 A1 (Gain): 0.186064 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000071
 Predicted MDL: 0.001293
 Predicted MQL: 0.004310

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00056	.000	1
S1	.05000	.05903	.009	18.1	.01152	.000	1
S3	2.5000	2.4904	-.010	-.384	.46389	.001	1
S4	5.0000	4.9825	-.018	-.350	.92753	.003	1
S5	10.000	10.018	.018	.181	1.8644	.001	1



AI 396.152 { 85}

Date of Fit: 01/15/2019 15:06:04

Type of Fit: Linear

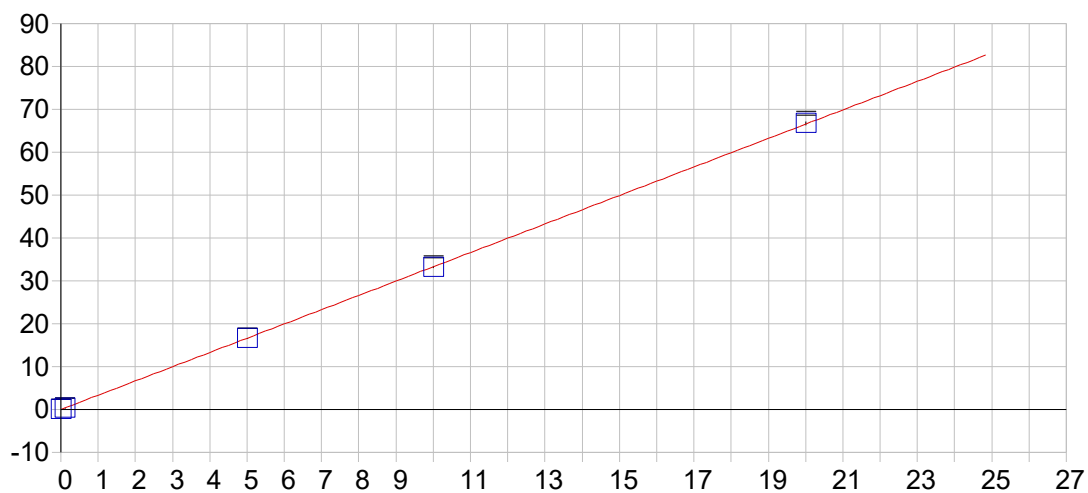
Weighting: 1/Conc

A0 (Offset): 0.002752
 A1 (Gain): 0.065632
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000034
 Predicted MDL: 0.012113
 Predicted MQL: 0.040376

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	.00275	.000	1
S1	.10000	.10383	.004	3.83	.01005	.000	1
S3	5.0000	4.9419	-.058	-1.16	.33319	.003	1
S4	10.000	9.9497	-.050	-.503	.66797	.005	1
S5	20.000	20.104	.104	.522	1.3466	.017	1

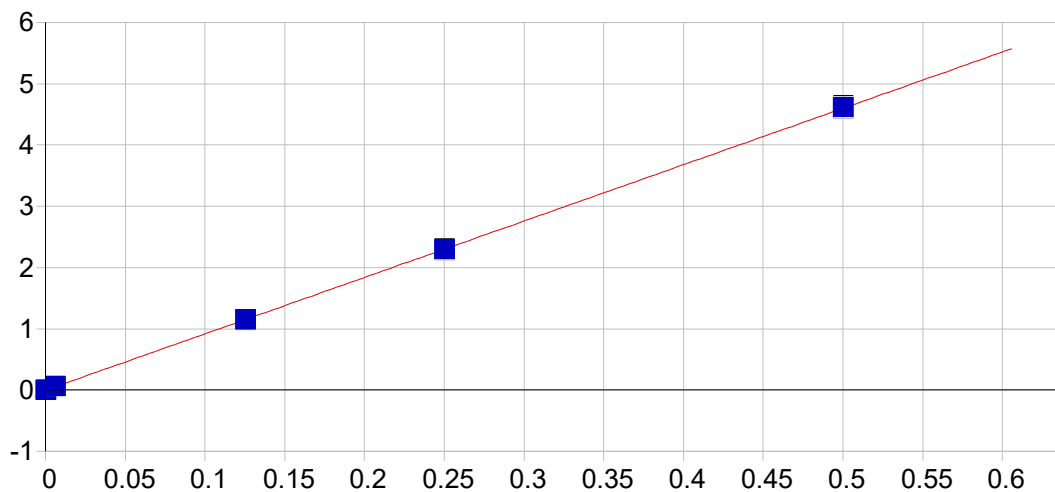


Ba 493.409 { 68}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001607 Re-Slope: 1.000000
 A1 (Gain): 3.327593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.001737
 Predicted MDL: 0.000824
 Predicted MQL: 0.002747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00165	.002	1
S1	.10000	.11202	.012	12.0	.37114	.001	1
S3	5.0000	4.9772	-.023	-.455	16.561	.026	1
S4	10.000	9.9800	-.020	-.200	33.208	.281	1
S5	20.000	20.031	.031	.154	66.653	.445	1



Be 234.861 {144}

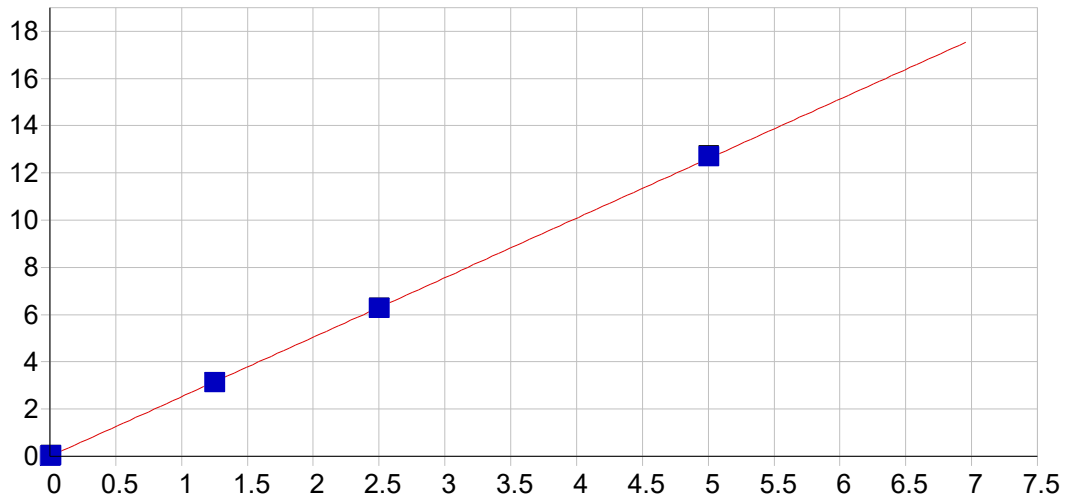
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002770 Re-Slope: 1.000000
 A1 (Gain): 9.205081 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000270
 Predicted MDL: 0.000052
 Predicted MQL: 0.000173

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00277	.000	1
S1	.00600	.00664	.001	10.7	.05774	.000	1
S3	.12500	.12390	-.001	-.879	1.1300	.008	1
S4	.25000	.24902	-.001	-.394	2.2740	.011	1
S5	.50000	.50145	.001	.289	4.5822	.027	1



Cd 214.438 {457}

Date of Fit: 01/15/2019 15:06:04

Type of Fit: Linear

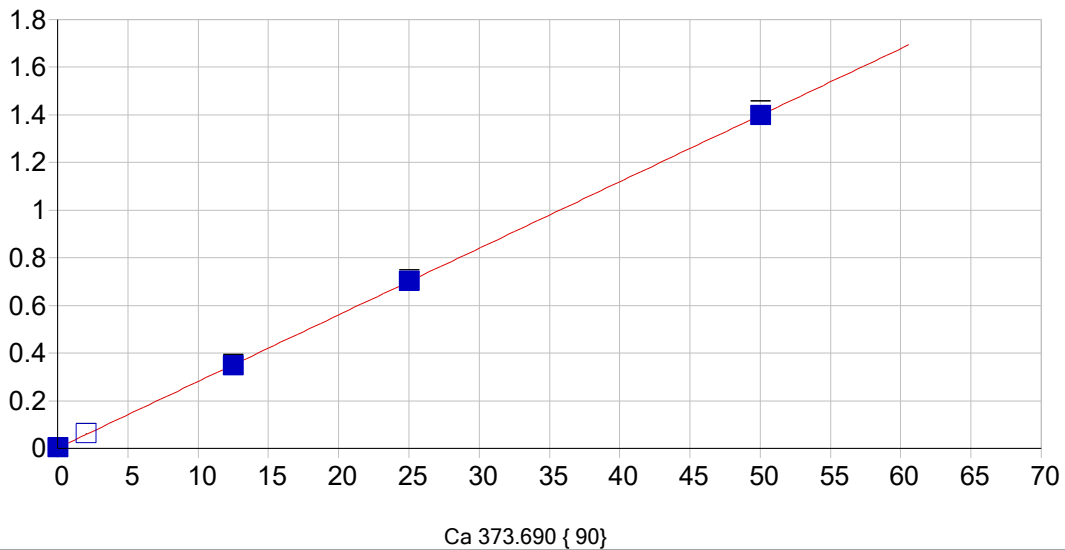
Weighting: 1/Conc

A0 (Offset): 0.000394
 A1 (Gain): 2.521056
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000199
 Predicted MDL: 0.000071
 Predicted MQL: 0.000237

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

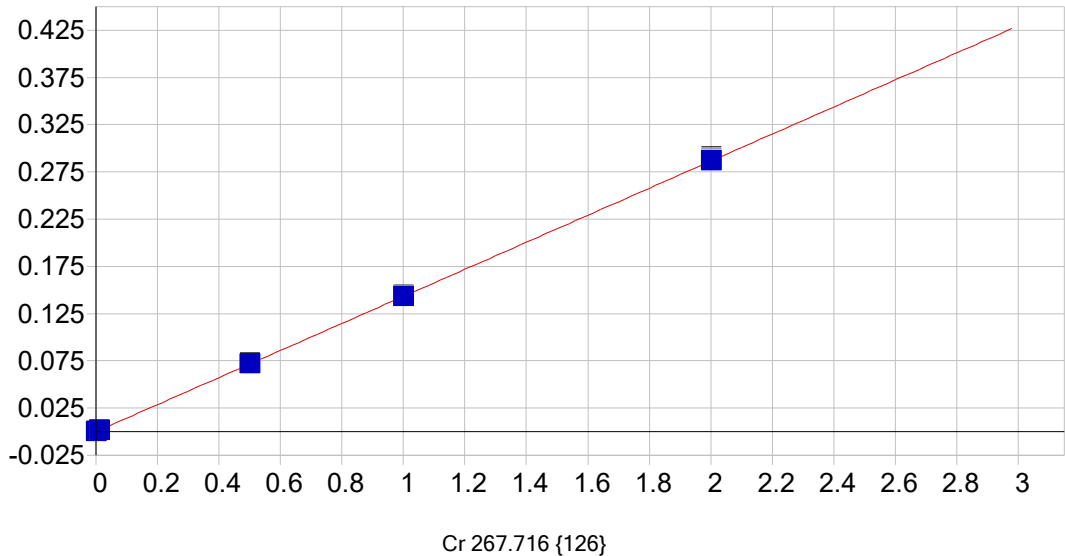
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.00600	.00666	.001	11.0	.01719	.000	1
S3	1.2500	1.2347	-.015	-1.22	3.1133	.012	1
S4	2.5000	2.4812	-.019	-.751	6.2560	.008	1
S5	5.0000	5.0334	.033	.669	12.691	.010	1



Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001699 Re-Slope: 1.000000
 A1 (Gain): 0.027938 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000192
 Predicted MDL: 0.020443
 Predicted MQL: 0.068144

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00170	.000	1
S2	2.0000	2.1583	.158	7.92	.06200	.001	1
S3	12.500	12.361	-.139	-1.11	.34689	.006	1
S4	25.000	25.036	.036	.146	.70087	.006	1
S5	50.000	49.944	-.056	-.111	1.3965	.020	1



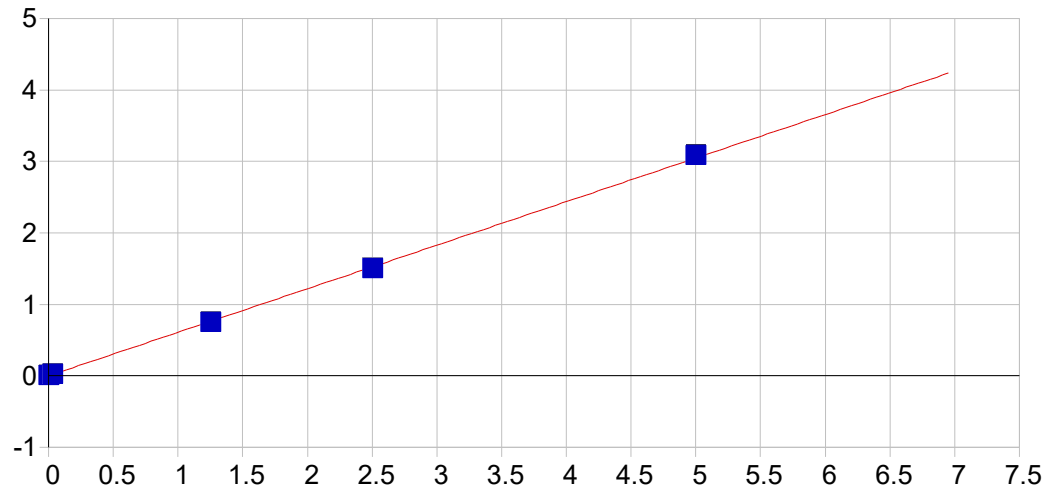
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.143236 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000007
 Predicted MDL: 0.000442
 Predicted MQL: 0.001474

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01122	.001	12.2	.00164	.000	1
S3	.50000	.50050	.000	.099	.07221	.000	1
S4	1.0000	.99764	-.002	-.236	.14392	.000	1
S5	2.0000	2.0006	.001	.032	.28859	.002	1



Co 228.616 {448}

Date of Fit: 01/15/2019 15:06:04

Type of Fit: Linear

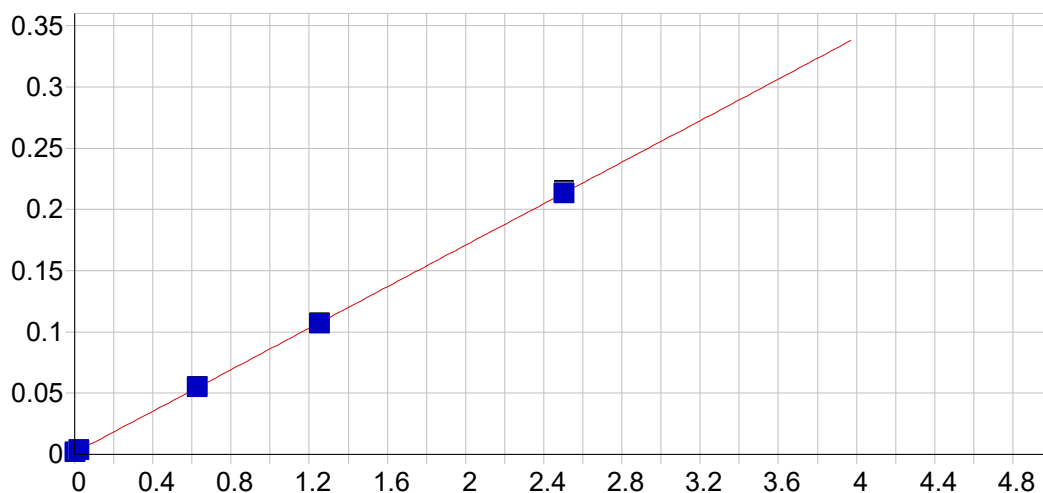
Weighting: 1/Conc

A0 (Offset): 0.000038
 A1 (Gain): 0.609370
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826
 Std Error of Est: 0.000238
 Predicted MDL: 0.000253
 Predicted MQL: 0.000842

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.03000	.03665	.007	22.2	.02231	.000	1
S3	1.2500	1.2237	-.026	-2.10	.74733	.002	1
S4	2.5000	2.4660	-.034	-1.36	1.5059	.005	1
S5	5.0000	5.0537	.054	1.07	3.0859	.003	1

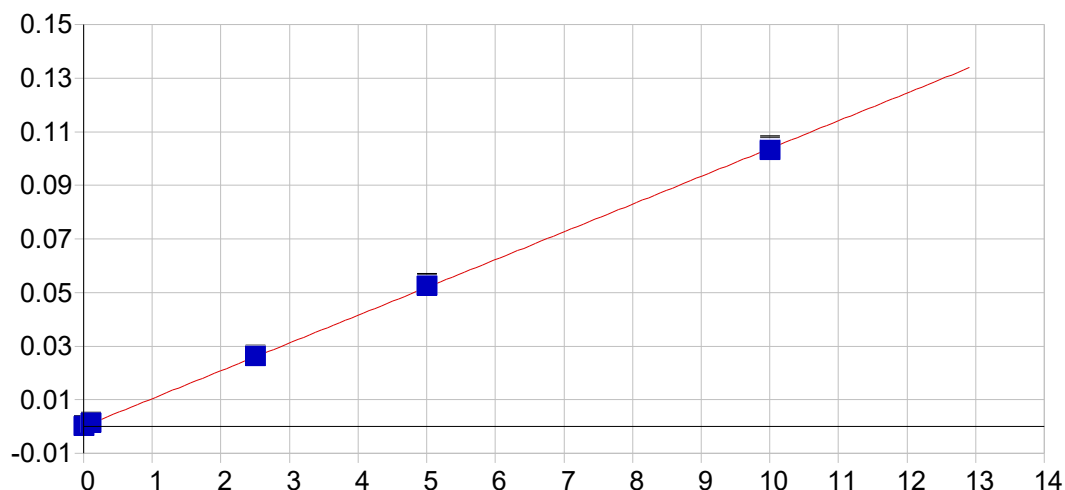


Cu 324.754 {104}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001384 Re-Slope: 1.000000
 A1 (Gain): 0.084711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.004165
 Predicted MQL: 0.013882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00138	.000	1
S1	.02000	.02292	.003	14.6	.00332	.000	1
S3	.62500	.62892	.004	.628	.05438	.000	1
S4	1.2500	1.2419	-.008	-.647	.10603	.001	1
S5	2.5000	2.5012	.001	.049	.21215	.002	1



Fe 259.837 {130}

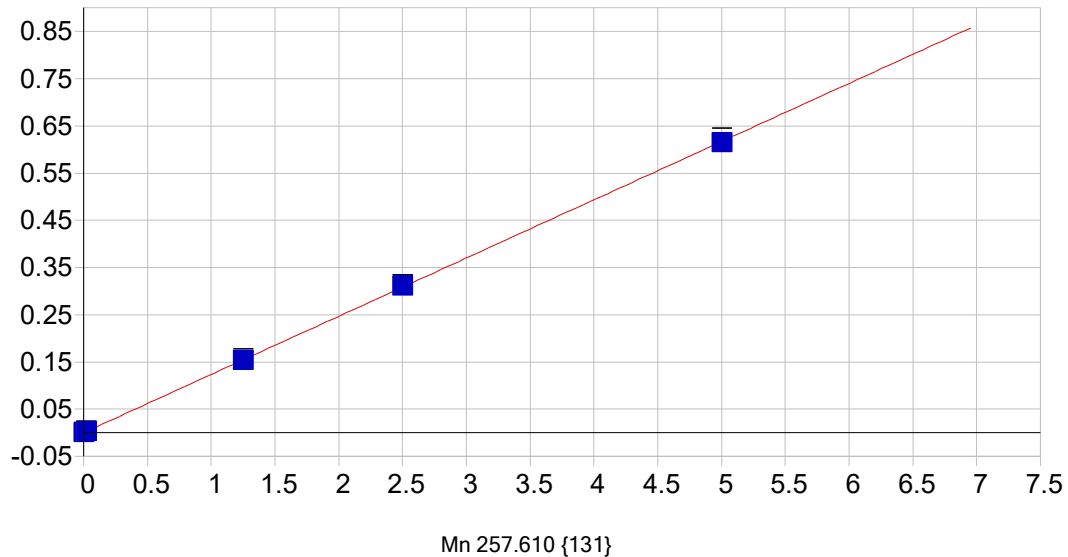
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.010365 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000008
 Predicted MDL: 0.018677
 Predicted MQL: 0.062256

Status: OK.

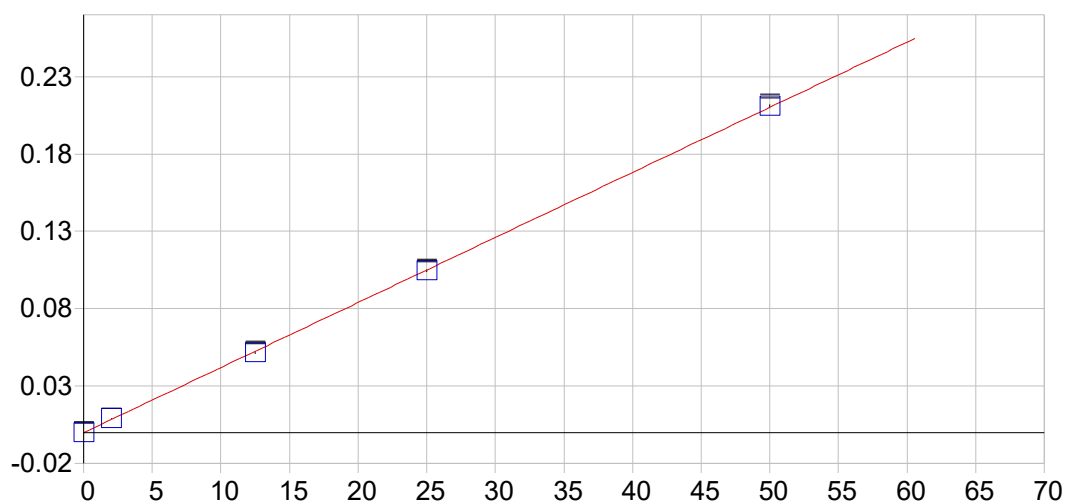
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00005	.000	1
S1	.10000	.11619	.016	16.2	.00126	.000	1
S3	2.5000	2.5129	.013	.518	.02623	.000	1
S4	5.0000	5.0351	.035	.702	.05249	.001	1
S5	10.000	9.9358	-.064	-.642	.10355	.001	1



Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000113 Re-Slope: 1.000000
 A1 (Gain): 0.123343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.001355
 Predicted MQL: 0.004515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.02000	.02186	.002	9.28	.00281	.000	1
S3	1.2500	1.2459	-.004	-.329	.15381	.003	1
S4	2.5000	2.5183	.018	.732	.31078	.003	1
S5	5.0000	4.9839	-.016	-.321	.61496	.009	1

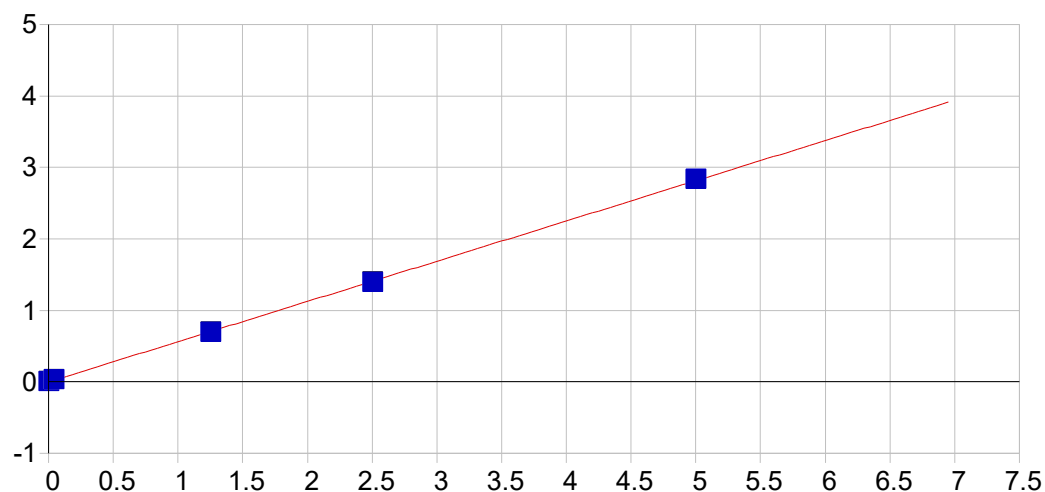


Mg 279.079 {121}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000131 Re-Slope: 1.000000
 A1 (Gain): 0.004206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.055372
 Predicted MQL: 0.184573

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00011	-.000	.000	-.00013	.000	1
S2	2.0000	2.1444	.144	7.22	.00889	.000	1
S3	12.500	12.316	-.184	-1.48	.05167	.001	1
S4	25.000	24.898	-.102	-.408	.10458	.001	1
S5	50.000	50.142	.142	.284	.21076	.001	1



Ni 231.604 {446}

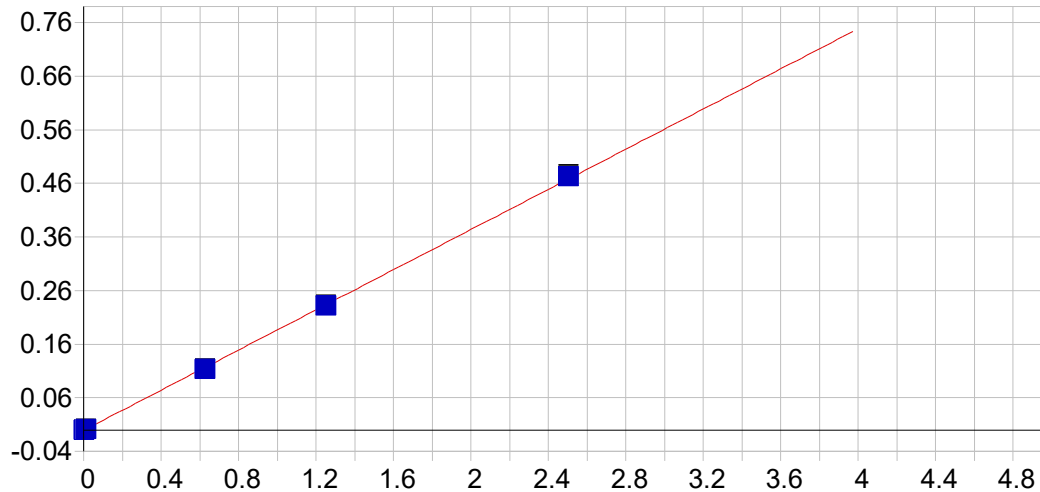
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001419 Re-Slope: 1.000000
 A1 (Gain): 0.562917 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850
 Std Error of Est: 0.000236
 Predicted MDL: 0.000347
 Predicted MQL: 0.001157

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00142	.000	1
S1	.04000	.04837	.008	20.9	.02583	.000	1
S3	1.2500	1.2328	-.017	-1.38	.69321	.004	1
S4	2.5000	2.4702	-.030	-1.19	1.3904	.006	1
S5	5.0000	5.0387	.039	.774	2.8376	.004	1



Ag 328.068 {103}

Date of Fit: 01/15/2019 15:06:04

Type of Fit: Linear

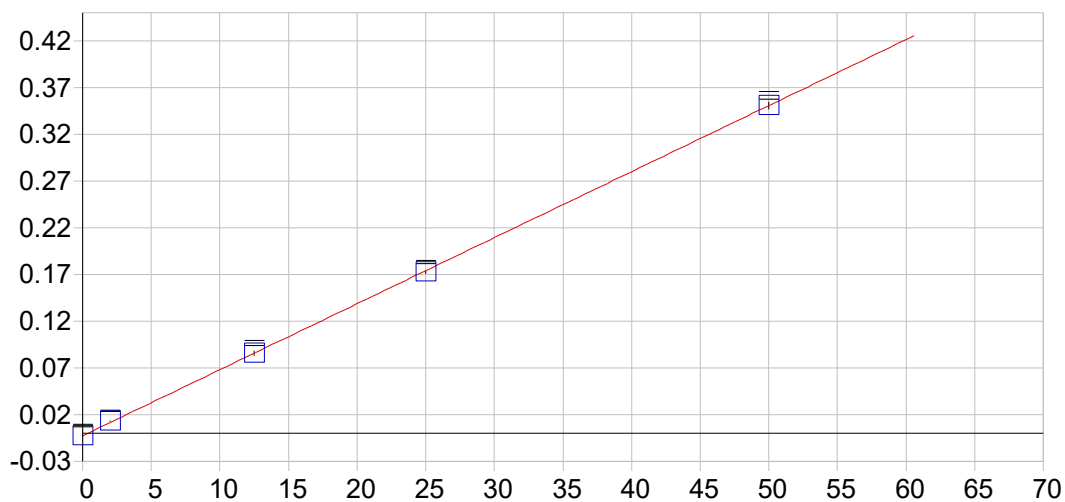
Weighting: 1/Conc

A0 (Offset): -0.000981
 A1 (Gain): 0.187403
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000023
 Predicted MDL: 0.000484
 Predicted MQL: 0.001612

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	-.00098	.000	1
S1	.01000	.01088	.001	8.77	.00105	.000	1
S3	.62500	.60871	-.016	-2.61	.11299	.001	1
S4	1.2500	1.2381	-.012	-.950	.23084	.001	1
S5	2.5000	2.5273	.027	1.09	.47223	.003	1

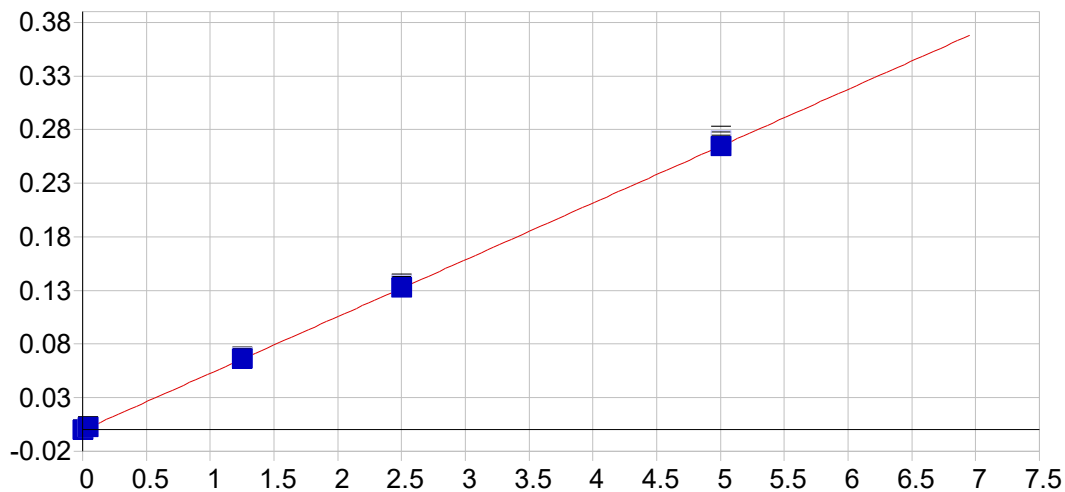


Na 818.326 { 41}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002554 Re-Slope: 1.000000
 A1 (Gain): 0.007064 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.245866
 Predicted MQL: 0.819555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	-.00256	.001	1
S2	2.0000	2.2220	.222	11.1	.01314	.000	1
S3	12.500	12.496	-.004	-.036	.08571	.002	1
S4	25.000	24.771	-.229	-.917	.17242	.002	1
S5	50.000	50.012	.012	.024	.35071	.004	1



V 292.402 {115}

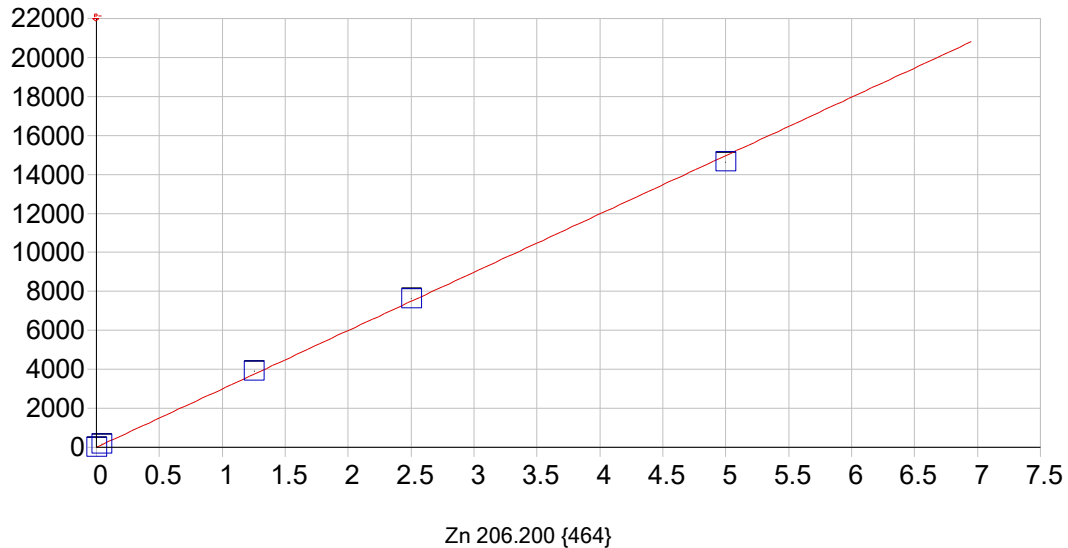
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.052963 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901
 Std Error of Est: 0.000018
 Predicted MDL: 0.005308
 Predicted MQL: 0.017694

Status: OK.

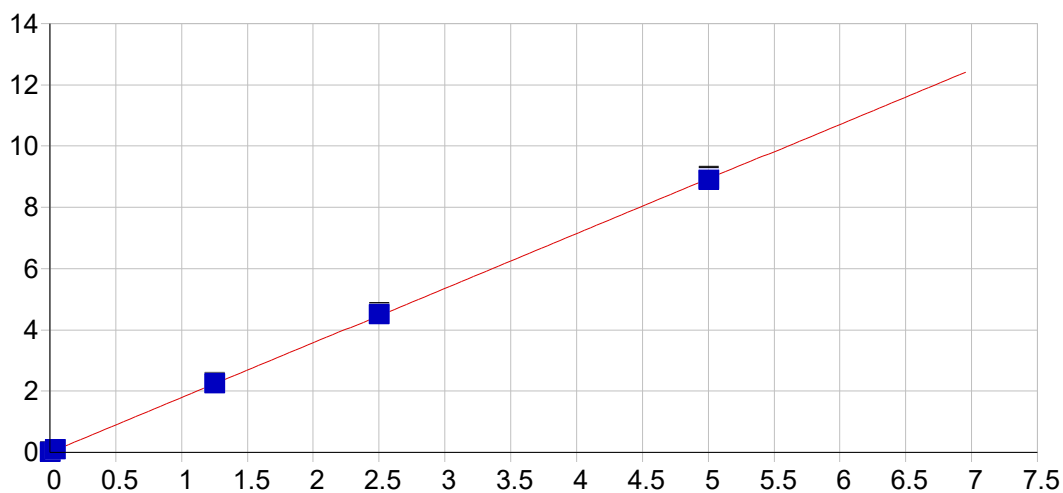
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00032	.000	1
S1	.04000	.04848	.008	21.2	.00235	.000	1
S3	1.2500	1.2511	.001	.092	.06726	.001	1
S4	2.5000	2.4974	-.003	-.104	.13459	.001	1
S5	5.0000	4.9927	-.007	-.146	.26938	.004	1



Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4.600354 Re-Slope: 1.000000
 A1 (Gain): 2992.497955 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999502 Status: OK.
 Std Error of Est: 2.286262
 Predicted MDL: 0.000209
 Predicted MQL: 0.000697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	4.5635	.219	1
S1	.04000	.05070	.011	26.7	156.31	1.35	1
S3	1.2500	1.3063	.056	4.50	3913.6	9.55	1
S4	2.5000	2.5456	.046	1.82	7622.4	18.1	1
S5	5.0000	4.8874	-.113	-2.25	14630.	17.3	1

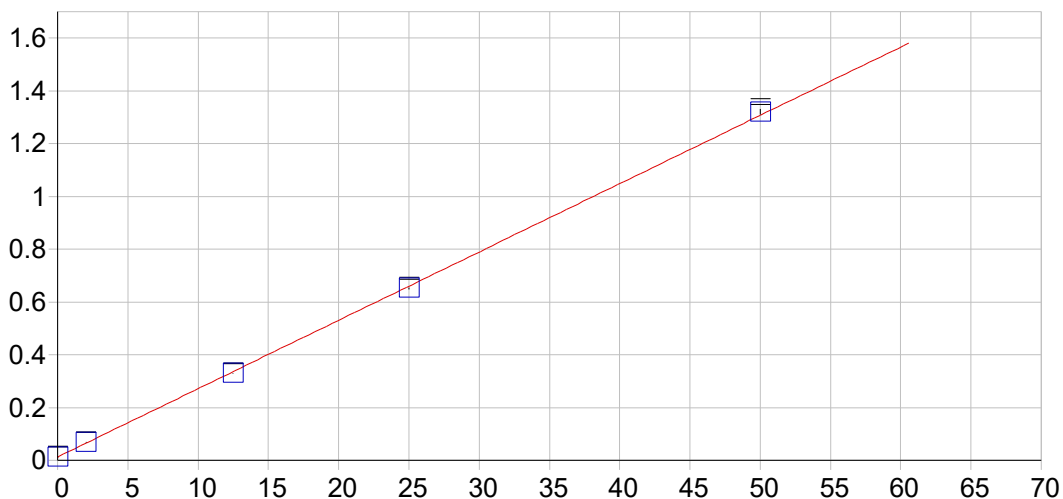


Zn 213.856 {158}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004590 Re-Slope: 1.000000
 A1 (Gain): 1.784421 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000654
 Predicted MDL: 0.000327
 Predicted MQL: 0.001089

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00457	.000	1
S1	.04000	.04834	.008	20.9	.09125	.001	1
S3	1.2500	1.2548	.005	.387	2.2561	.012	1
S4	2.5000	2.5152	.015	.609	4.5176	.034	1
S5	5.0000	4.9716	-.028	-.568	8.9255	.085	1



K 769.896 {44}

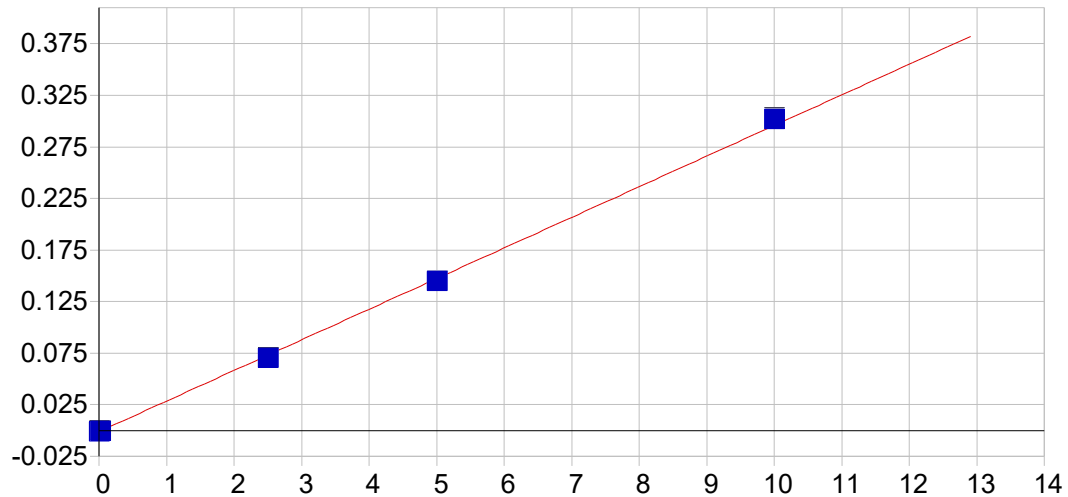
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012778 Re-Slope: 1.000000
 A1 (Gain): 0.025887 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875
 Std Error of Est: 0.000224
 Predicted MDL: 0.061422
 Predicted MQL: 0.204740

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.01278	.001	1
S2	2.0000	2.1141	.114	5.71	.06751	.001	1
S3	12.500	12.205	-.295	-2.36	.32873	.002	1
S4	25.000	24.683	-.317	-1.27	.65175	.004	1
S5	50.000	50.497	.497	.995	1.3200	.011	1



P 177.495 {490}

Date of Fit: 01/15/2019 15:06:04

Type of Fit: Linear

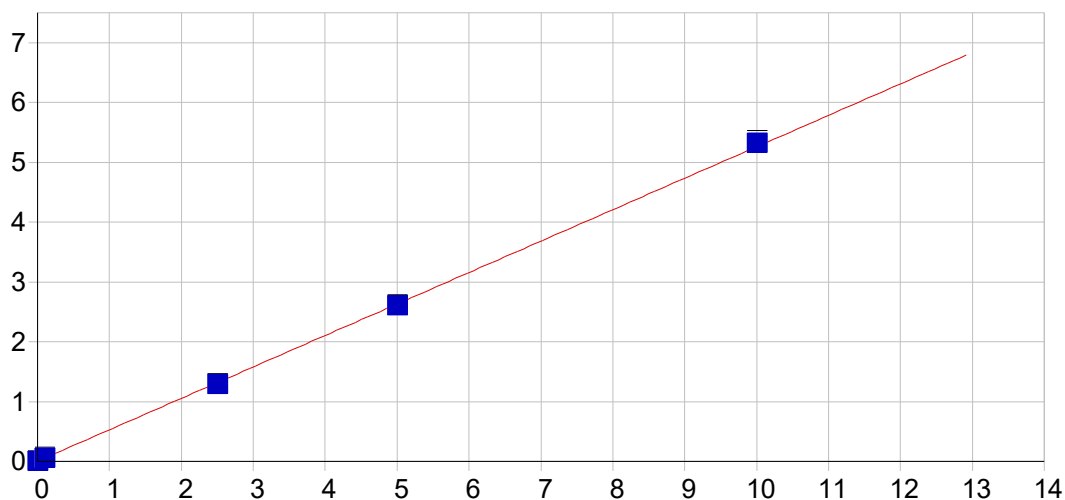
Weighting: 1/Conc

A0 (Offset): -0.001145
 A1 (Gain): 0.029689
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999710
 Std Error of Est: 0.000017
 Predicted MDL: 0.002680
 Predicted MQL: 0.008934

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	-.00115	.000	1
S1	.02000	.01973	-.000	-1.37	-.00055	.000	1
S3	2.5000	2.3950	-.105	-4.20	.07013	.000	1
S4	5.0000	4.9052	-.095	-1.90	.14483	.000	1
S5	10.000	10.200	.200	2.00	.30237	.001	1

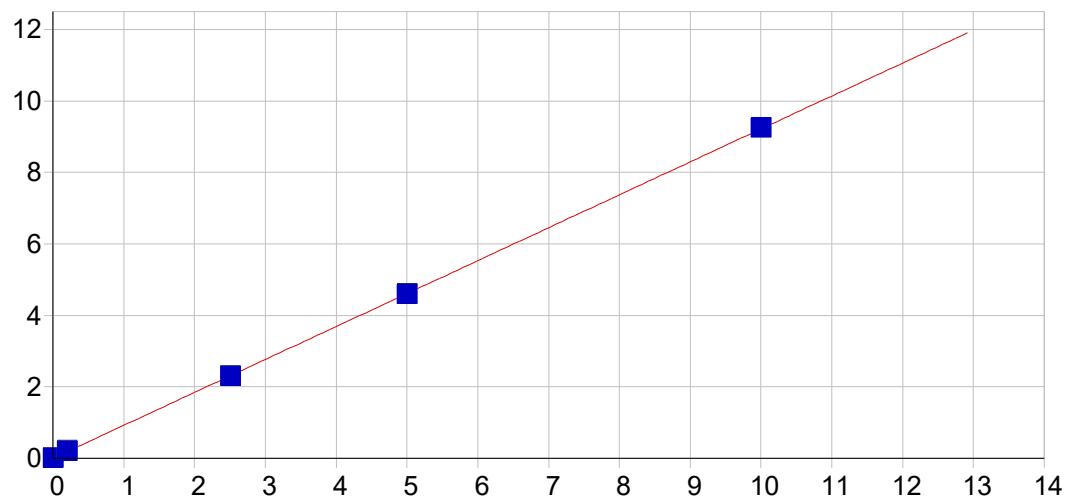


B 249.678 {135}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002564 Re-Slope: 1.000000
 A1 (Gain): 0.525637 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000416
 Predicted MDL: 0.000889
 Predicted MQL: 0.002964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00256	.000	1
S1	.10000	.10686	.007	6.86	.05861	.001	1
S3	2.5000	2.4393	-.061	-2.43	1.2837	.011	1
S4	5.0000	4.9442	-.056	-1.12	2.5993	.010	1
S5	10.000	10.110	.110	1.10	5.3123	.048	1



Mo 202.030 {467}

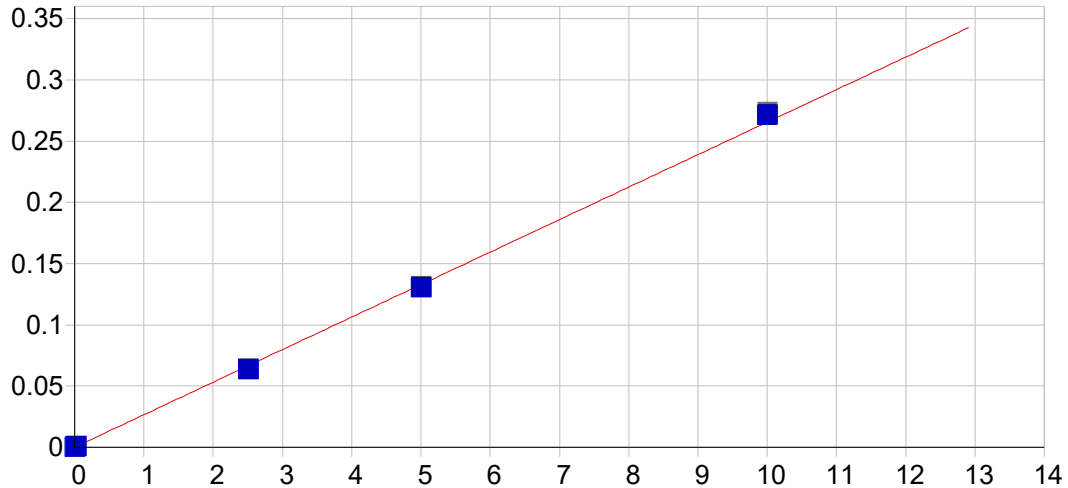
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000696 Re-Slope: 1.000000
 A1 (Gain): 0.921540 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000859
 Predicted MDL: 0.000237
 Predicted MQL: 0.000790

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00068	.000	1
S1	.20000	.22170	.022	10.9	.20502	.002	1
S3	2.5000	2.4861	-.014	-.557	2.2922	.004	1
S4	5.0000	4.9736	-.026	-.527	4.5851	.015	1
S5	10.000	10.019	.019	.186	9.2353	.005	1



S 182.034 {485}

Date of Fit: 01/15/2019 15:06:04

Type of Fit: Linear

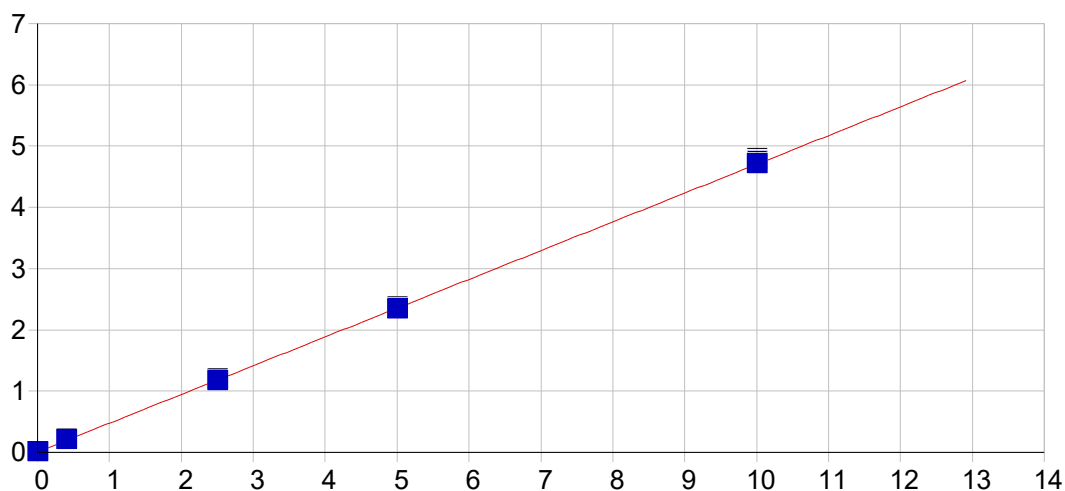
Weighting: 1/Conc

A0 (Offset): 0.000136
 A1 (Gain): 0.026536
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647
 Std Error of Est: 0.000017
 Predicted MDL: 0.003658
 Predicted MQL: 0.012192

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.02000	.02008	.000	.417	.00066	.000	1
S3	2.5000	2.3818	-.118	-4.73	.06365	.000	1
S4	5.0000	4.8984	-.102	-2.03	.13075	.001	1
S5	10.000	10.220	.220	2.20	.27258	.001	1

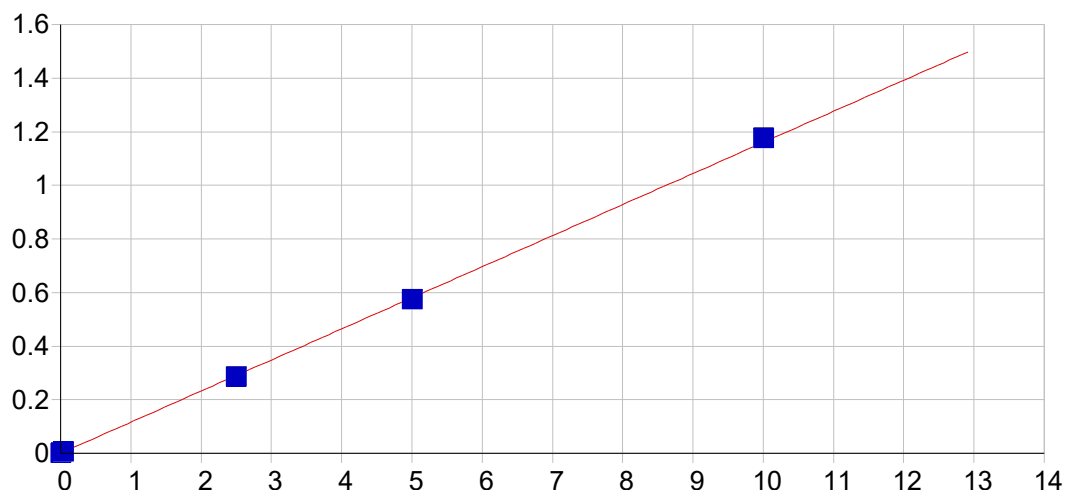


Si 251.611 {134}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007000 Re-Slope: 1.000000
 A1 (Gain): 0.469533 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000620
 Predicted MDL: 0.001021
 Predicted MQL: 0.003404

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00699	.001	1
S1	.40000	.42953	.030	7.38	.20958	.001	1
S3	2.5000	2.4856	-.014	-.576	1.1879	.010	1
S4	5.0000	4.9615	-.039	-.770	2.3642	.008	1
S5	10.000	10.024	.024	.236	4.7687	.028	1



Sn 189.989 {478}

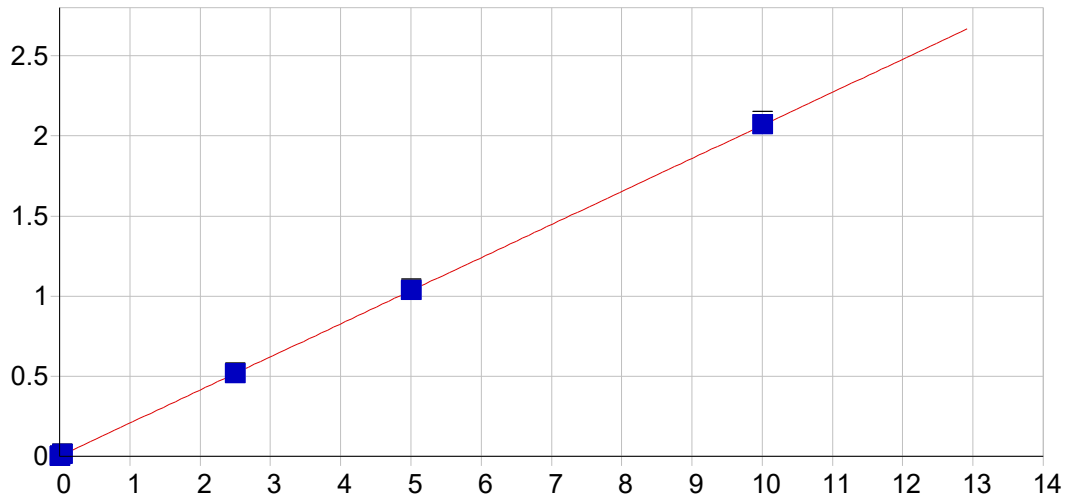
Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000380 Re-Slope: 1.000000
 A1 (Gain): 0.115961 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000065
 Predicted MDL: 0.000838
 Predicted MQL: 0.002794

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.04000	.04585	.006	14.6	.00570	.000	1
S3	2.5000	2.4406	-.059	-2.38	.28316	.001	1
S4	5.0000	4.9299	-.070	-1.40	.57160	.001	1
S5	10.000	10.124	.124	1.24	1.1734	.001	1



Ti 336.121 {100}

Date of Fit: 01/15/2019 15:06:04

Type of Fit: Linear

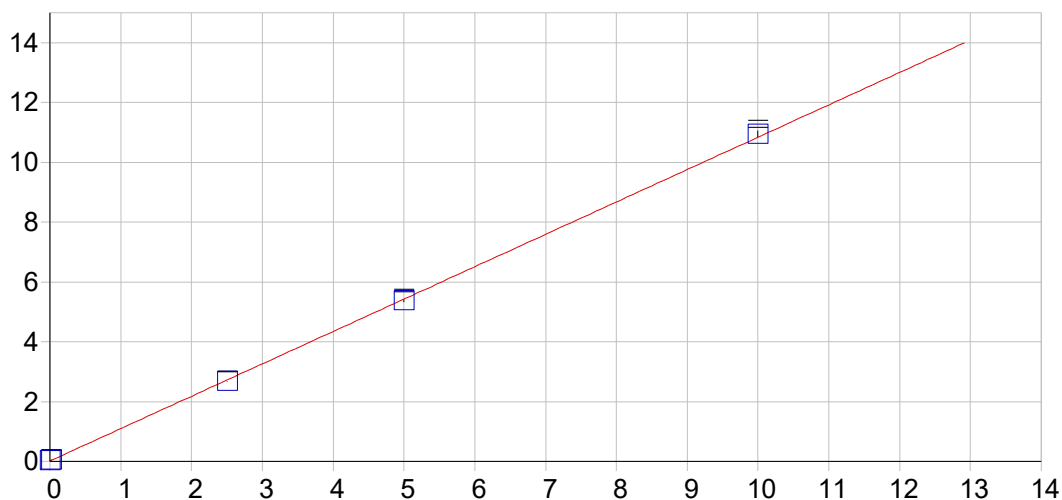
Weighting: 1/Conc

A0 (Offset): 0.001281
 A1 (Gain): 0.206447
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000060
 Predicted MDL: 0.001957
 Predicted MQL: 0.006522

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00128	.000	1
S1	.04000	.04663	.007	16.6	.01090	.001	1
S3	2.5000	2.4813	-.019	-.746	.51337	.004	1
S4	5.0000	4.9996	-.000	-.009	1.0331	.011	1
S5	10.000	10.012	.012	.125	2.0676	.020	1

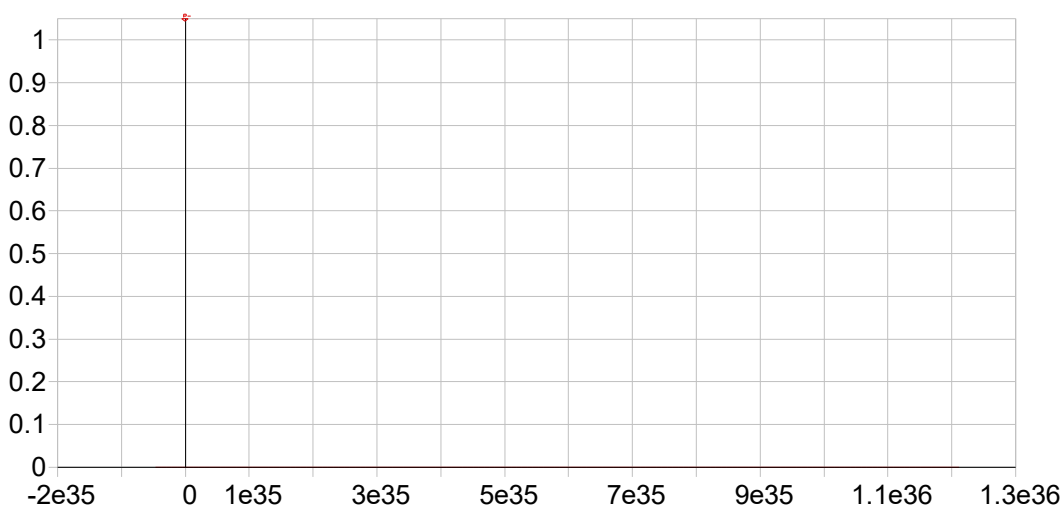


Li 670.784 { 50}

Date of Fit: 01/15/2019 15:06:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013643 Re-Slope: 1.000000
 A1 (Gain): 1.082519 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000311
 Predicted MDL: 0.001662
 Predicted MQL: 0.005539

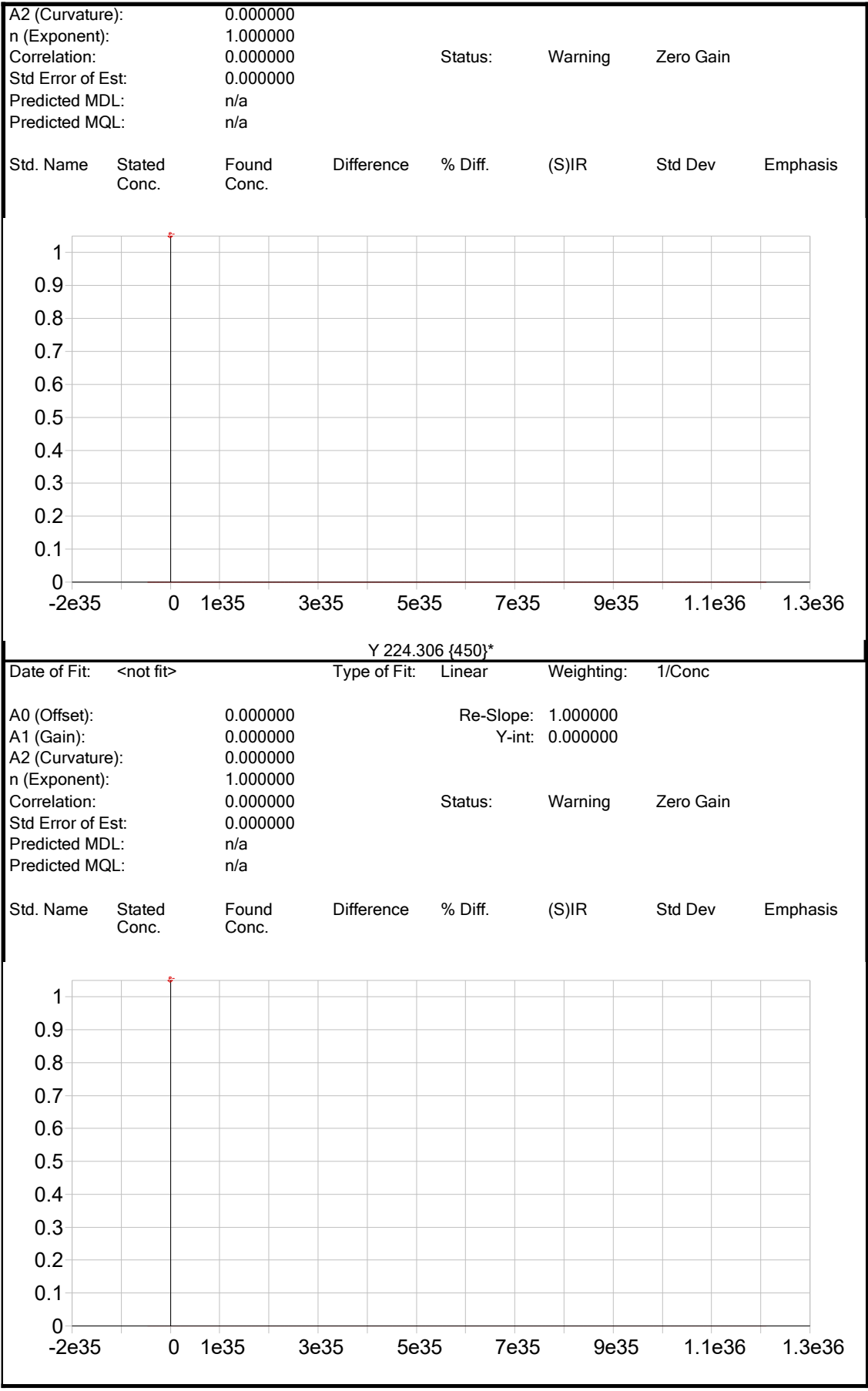
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01364	.000	1
S5	10.000	10.096	.096	.956	10.942	.116	1
S4	5.0000	4.9524	-.048	-.951	5.3747	.047	1
S3	2.5000	2.4504	-.050	-1.98	2.6663	.012	1
S1	.02000	.02157	.002	7.84	.03699	.001	1

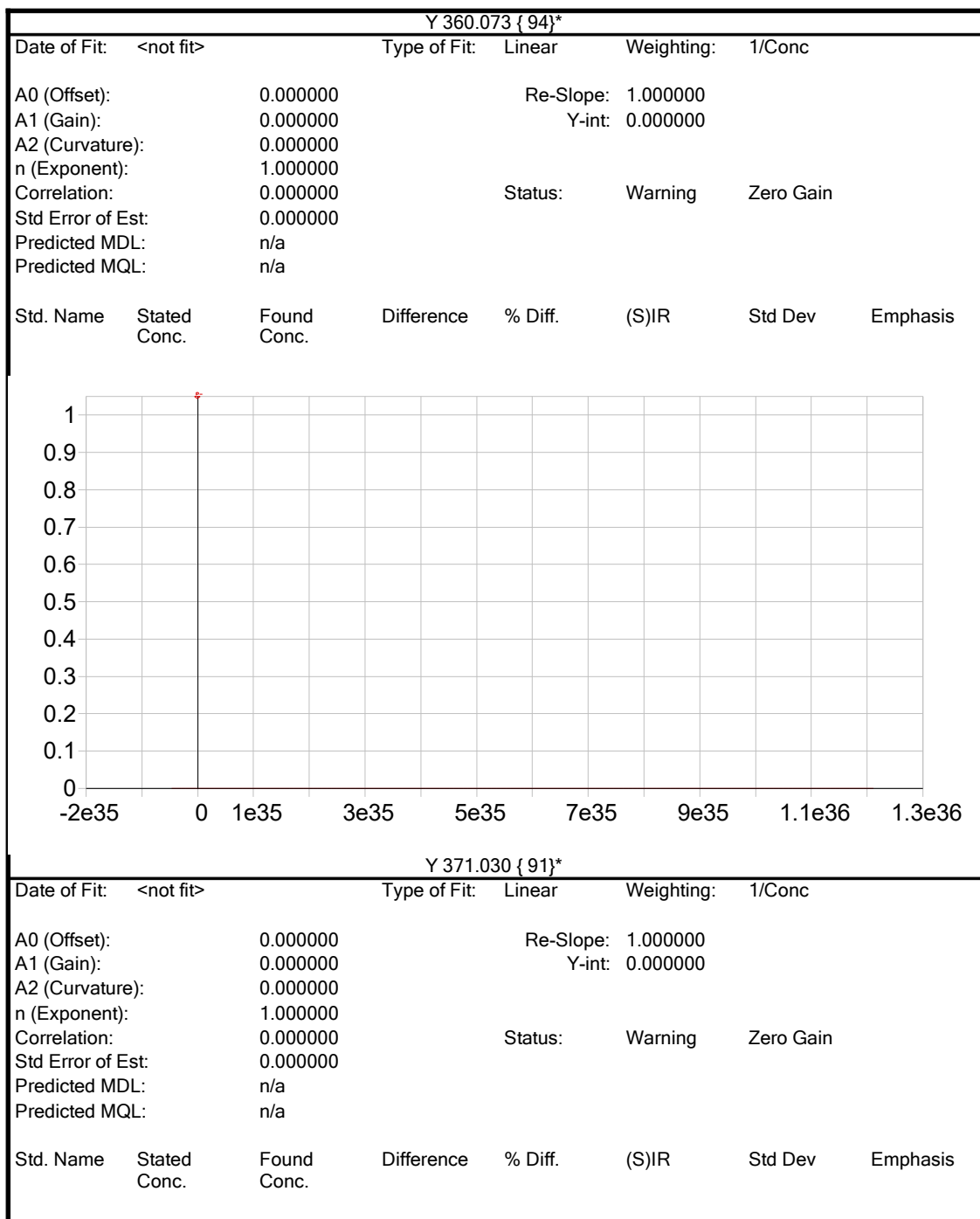


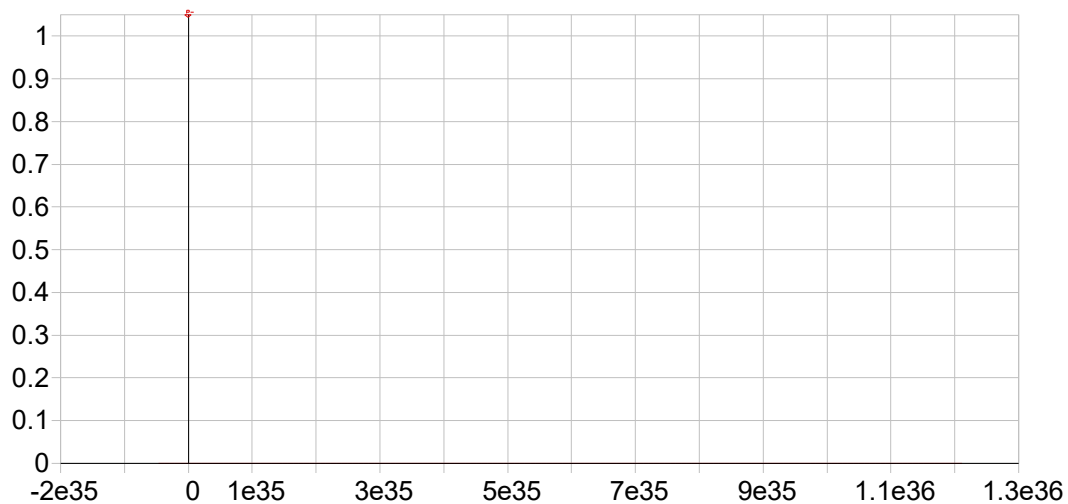
Y 224.306 {150}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

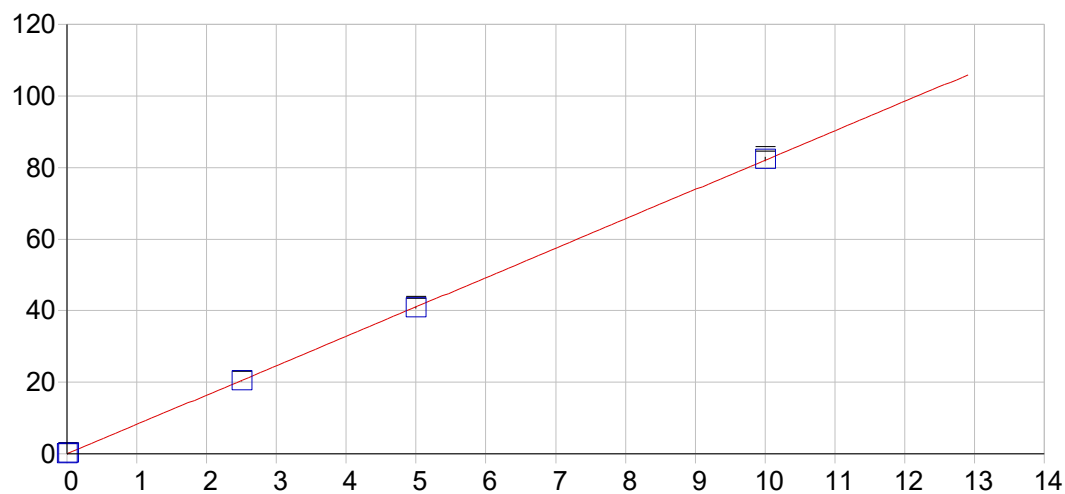
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 01/15/2019 15:06:04

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000728

Re-Slope: 1.000000

A1 (Gain): 8.204435

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999987

Status: OK.

Std Error of Est: 0.001000

Predicted MDL: 0.000090

Predicted MQL:		0.000300					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.02000	.02139	.001	6.94	.17620	.001	1
S3	2.5000	2.4834	-.017	-.666	20.375	.099	1
S4	5.0000	4.9778	-.022	-.444	40.841	.296	1
S5	10.000	10.037	.037	.375	82.353	.592	1

Sample Name: S0 Acquired: 01/15/2019 12:34:40 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00043	-.00059	-.00039	.00060	.00056	.00275	-.00165	-.00277
Stddev	.00007	.00005	.00009	.00011	.00020	.00040	.00249	.00046
%RSD	16.896	7.8674	23.341	18.427	35.637	14.408	151.19	16.670
#1	-.00044	-.00054	-.00028	.00049	.00058	.00300	.00002	-.00229
#2	-.00049	-.00058	-.00044	.00071	.00036	.00229	-.00045	-.00284
#3	-.00035	-.00063	-.00044	.00061	.00076	.00296	-.00451	-.00320
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00039	.00170	.00001	.00003	.00138	.00005	.00011	-.00013
Stddev	.00010	.00020	.00001	.00015	.00035	.00019	.00012	.00022
%RSD	24.230	11.812	111.67	448.22	25.024	366.46	102.66	169.44
#1	.00034	.00150	.00001	-.00009	.00126	.00007	-.00001	-.00007
#2	.00034	.00190	.00003	-.00001	.00177	.00023	.00012	.00006
#3	.00050	.00168	.00000	.00021	.00112	-.00014	.00023	-.00038
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00142	-.00098	-.00256	-.00032	.00457	.01278	-.00115	.00256
Stddev	.00009	.00003	.00125	.00020	.00035	.00127	.00008	.00047
%RSD	6.6137	2.5805	49.007	63.487	7.7185	9.9472	6.6781	18.257
#1	-.00152	-.00101	-.00327	-.00056	.00425	.01396	-.00106	.00294
#2	-.00141	-.00098	-.00111	-.00019	.00495	.01293	-.00118	.00271
#3	-.00134	-.00096	-.00329	-.00022	.00452	.01144	-.00120	.00204
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00068	.00014	.00699	.00038	.00128	.01364	.00072	
Stddev	.00036	.00008	.00085	.00005	.00031	.00025	.00046	
%RSD	52.699	61.585	12.097	14.141	23.936	1.8489	64.428	
#1	.00038	.00013	.00620	.00043	.00160	.01392	.00051	
#2	.00058	.00006	.00788	.00032	.00099	.01356	.00040	
#3	.00107	.00022	.00688	.00039	.00126	.01344	.00125	

Sample Name: S0 Acquired: 01/15/2019 12:34:40 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.6	3044.4	61146.	6290.0	4791.2
Stddev	34.7	34.0	376.	49.4	56.3
%RSD	1.2198	1.1161	.61509	.78488	1.1755
#1	2822.9	3075.6	60772.	6347.0	4843.1
#2	2882.7	3049.2	61524.	6264.2	4799.1
#3	2822.3	3008.2	61141.	6259.0	4731.3

Sample Name: S1 Acquired: 01/15/2019 12:38:32 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.00061	.00277	.00149	.00256	.01152	.01005	.37114	.05774
Stddev	.00015	.00016	.00014	.00003	.00009	.00025	.00117	.00041
%RSD	24.144	5.6931	9.5162	1.0351	.78021	2.5326	.31599	.71475
#1	.00075	.00263	.00162	.00253	.01142	.00978	.37236	.05742
#2	.00046	.00274	.00152	.00258	.01158	.01009	.37002	.05759
#3	.00061	.00294	.00134	.00255	.01156	.01029	.37103	.05821
Elem	Cd2144	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01719	.00164	.02231	.00332	.00126	.00281	.02583	.00105
Stddev	.00012	.00004	.00020	.00020	.00011	.00012	.00021	.00002
%RSD	.70631	2.5380	.91226	6.1655	8.9777	4.3551	.82069	1.6953
#1	.01727	.00168	.02228	.00310	.00115	.00280	.02577	.00107
#2	.01705	.00160	.02212	.00336	.00137	.00294	.02565	.00104
#3	.01724	.00163	.02253	.00351	.00125	.00269	.02606	.00105
Elem	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00235	.09125	-.00055	.05861	.20502	.00066	.20958	.00570
Stddev	.00014	.00067	.00004	.00084	.00234	.00009	.00109	.00004
%RSD	5.9390	.73111	6.6910	1.4394	1.1396	12.994	.52175	.64886
#1	.00246	.09200	-.00052	.05824	.20602	.00064	.20907	.00574
#2	.00219	.09106	-.00054	.05801	.20235	.00058	.20883	.00569
#3	.00241	.09070	-.00059	.05957	.20669	.00075	.21083	.00567
Elem	Ti3361	Li6707	Sr4077					
Units	Cts/S	Cts/S	Cts/S					
Avg	.01090	.03699	.17620					
Stddev	.00052	.00108	.00088					
%RSD	4.7976	2.9123	.50147					
#1	.01125	.03762	.17691					
#2	.01030	.03575	.17647					
#3	.01116	.03760	.17521					

Sample Name: S1 Acquired: 01/15/2019 12:38:32 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.6	3155.9	62174.	6442.4	4971.5
Stddev	18.2	28.5	330.	44.0	39.8
%RSD	.62745	.90370	.53157	.68268	.80029
#1	2879.0	3170.2	61843.	6465.0	4999.3
#2	2887.9	3174.3	62175.	6391.8	4989.2
#3	2913.9	3123.0	62504.	6470.6	4925.9

Sample Name: S2 Acquired: 01/15/2019 12:42:21 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na8183	K_7698
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06200	.00889	.01314	.06751
Stddev	.00077	.00012	.00047	.00059
%RSD	1.2402	1.3338	3.6109	.87925

#1	.06124	.00899	.01273	.06743
#2	.06278	.00891	.01304	.06695
#3	.06197	.00876	.01366	.06813

Int. Std.	Y_3710
Units	Cts/S
Avg	6435.6
Stddev	22.1
%RSD	.34338

#1	6436.2
#2	6413.3
#3	6457.4

Sample Name: S3 Acquired: 01/15/2019 12:46:06 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.09997	.17849	.34525	.22283	.46389	.33319	16.561	1.1300
Stddev	.00053	.00087	.00075	.00090	.00137	.00283	.026	.0084
%RSD	.52828	.48595	.21618	.40228	.29508	.84884	.15662	.74173

#1	.10007	.17835	.34511	.22249	.46380	.33004	16.531	1.1266
#2	.09940	.17771	.34459	.22215	.46257	.33403	16.573	1.1239
#3	.10045	.17942	.34606	.22384	.46531	.33551	16.578	1.1396

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1133	.34689	.07221	.74733	.05438	.02623	.15381	.05167
Stddev	.0123	.00583	.00034	.00178	.00026	.00025	.00253	.00094
%RSD	.39530	1.6803	.46526	.23782	.48165	.96205	1.6420	1.8153

#1	3.1123	.34019	.07216	.74671	.05468	.02597	.15090	.05066
#2	3.1016	.34965	.07256	.74595	.05417	.02648	.15525	.05181
#3	3.1261	.35082	.07189	.74934	.05430	.02622	.15529	.05252

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.69321	.11299	.08571	.06726	2.2561	.32873	.07013	1.2837
Stddev	.00365	.00055	.00244	.00065	.0124	.00159	.00037	.0110
%RSD	.52623	.48319	2.8418	.96803	.55117	.48518	.53186	.85451

#1	.69038	.11242	.08474	.06657	2.2490	.32889	.07032	1.2823
#2	.69193	.11351	.08391	.06786	2.2489	.32706	.06970	1.2735
#3	.69733	.11303	.08848	.06735	2.2705	.33024	.07037	1.2953

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.2922	.06365	1.1879	.28316	.51337	2.6663	20.375	
Stddev	.0045	.00034	.0103	.00140	.00387	.0125	.099	
%RSD	.19493	.53453	.86838	.49473	.75309	.46837	.48716	

#1	2.2926	.06360	1.1841	.28280	.50912	2.6519	20.478	
#2	2.2876	.06334	1.1800	.28198	.51431	2.6747	20.280	
#3	2.2965	.06402	1.1996	.28471	.51668	2.6721	20.368	

Sample Name: S3 Acquired: 01/15/2019 12:46:06 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.2	3159.0	63041.	6482.7	4973.3
Stddev	18.7	3.7	157.	60.7	11.7
%RSD	.63809	.11868	.24881	.93617	.23452
#1	2933.0	3158.6	63173.	6499.5	4976.1
#2	2936.9	3162.9	62867.	6533.3	4983.3
#3	2902.8	3155.4	63082.	6415.4	4960.5

Sample Name: S4 Acquired: 01/15/2019 12:49:42 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.20107	.36226	.69813	.45010	.92753	.66797	33.208	2.2740
Stddev	.00092	.00174	.00169	.00202	.00317	.00512	.281	.0107
%RSD	.45893	.48073	.24202	.44924	.34218	.76659	.84543	.47069

#1	.20046	.36073	.69660	.45017	.92474	.67203	33.346	2.2862
#2	.20063	.36190	.69786	.44805	.92688	.66965	33.392	2.2695
#3	.20214	.36415	.69995	.45209	.93098	.66221	32.885	2.2662

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.2560	.70087	.14392	1.5059	.10603	.05249	.31078	.10458
Stddev	.0084	.00568	.00030	.0045	.00070	.00069	.00295	.00069
%RSD	.13432	.81023	.20548	.30108	.65633	1.3142	.94778	.65856

#1	6.2473	.70514	.14420	1.5020	.10648	.05253	.31319	.10529
#2	6.2568	.70305	.14394	1.5049	.10638	.05317	.31166	.10455
#3	6.2640	.69443	.14361	1.5109	.10523	.05179	.30750	.10391

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3904	.23084	.17242	.13459	4.5176	.65175	.14483	2.5993
Stddev	.0056	.00093	.00167	.00115	.0339	.00378	.00021	.0098
%RSD	.40558	.40261	.96737	.85606	.75060	.57988	.14770	.37523

#1	1.3850	.23059	.17380	.13521	4.5554	.65291	.14474	2.6096
#2	1.3900	.23006	.17289	.13529	4.4899	.65481	.14467	2.5902
#3	1.3963	.23187	.17057	.13326	4.5075	.64752	.14507	2.5982

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.5851	.13075	2.3642	.57160	1.0331	5.3747	40.841
Stddev	.0154	.00055	.0084	.00110	.0108	.0474	.296
%RSD	.33480	.42378	.35448	.19270	1.0463	.88173	.72525

#1	4.5736	.13058	2.3720	.57034	1.0404	5.3971	40.973
#2	4.5792	.13029	2.3553	.57239	1.0382	5.4068	41.047
#3	4.6026	.13136	2.3654	.57207	1.0207	5.3203	40.501

Sample Name: S4 Acquired: 01/15/2019 12:49:42 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2854.3	3105.3	62104.	6388.0	4831.4
Stddev	15.1	8.5	177.	35.6	7.6
%RSD	.53021	.27360	.28535	.55794	.15819
#1	2840.2	3102.7	62038.	6359.6	4829.9
#2	2852.3	3114.8	61970.	6376.4	4839.7
#3	2870.3	3098.4	62305.	6428.0	4824.6

Sample Name: S5 Acquired: 01/15/2019 12:53:15 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.40844	.73631	1.4295	.90557	1.8644	1.3466	66.653	4.5822
Stddev	.00077	.00034	.0008	.00191	.0008	.0166	.445	.0266
%RSD	.18787	.04653	.05459	.21062	.04238	1.2309	.66690	.58037

#1	.40922	.73626	1.4302	.90647	1.8636	1.3373	66.180	4.5942
#2	.40844	.73667	1.4297	.90685	1.8644	1.3658	66.716	4.6006
#3	.40768	.73599	1.4286	.90337	1.8652	1.3368	67.062	4.5517

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.691	1.3965	.28859	3.0859	.21215	.10355	.61496	.21076
Stddev	.010	.0198	.00212	.0027	.00193	.00099	.00851	.00136
%RSD	.07522	1.4174	.73348	.08676	.91108	.96045	1.3836	.64430

#1	12.698	1.3851	.29101	3.0889	.21264	.10291	.61085	.20997
#2	12.695	1.4193	.28706	3.0851	.21380	.10469	.62474	.21232
#3	12.680	1.3850	.28771	3.0838	.21003	.10303	.60928	.20997

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8376	.47223	.35071	.26938	8.9255	1.3200	.30237	5.3123
Stddev	.0040	.00303	.00429	.00436	.0847	.0111	.00073	.0476
%RSD	.13913	.64111	1.2240	1.6171	.94852	.84040	.24223	.89678

#1	2.8405	.47443	.34853	.26623	9.0169	1.3172	.30269	5.3204
#2	2.8331	.47348	.35566	.27435	8.8497	1.3322	.30289	5.3554
#3	2.8392	.46878	.34796	.26756	8.9100	1.3106	.30153	5.2612

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.2353	.27258	4.7687	1.1734	2.0676	10.942	82.353	
Stddev	.0050	.00070	.0279	.0013	.0200	.116	.592	
%RSD	.05439	.25618	.58410	.10988	.96934	1.0639	.71838	

#1	9.2321	.27299	4.7799	1.1741	2.0589	10.891	82.229	
#2	9.2410	.27298	4.7892	1.1742	2.0905	11.076	81.833	
#3	9.2327	.27177	4.7370	1.1719	2.0534	10.860	82.996	

Sample Name: S5 Acquired: 01/15/2019 12:53:15 Type: Cal
Method: NON EPA-6010-200.7(v49) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.1	2999.2	61024.	6248.7	4568.6
Stddev	16.4	4.0	339.	50.7	8.2
%RSD	.58912	.13218	.55477	.81150	.17851
#1	2768.1	2994.7	60700.	6248.7	4560.5
#2	2796.8	3000.7	60996.	6197.9	4568.5
#3	2796.3	3002.2	61375.	6299.4	4576.8

Sample Name: ICV01 Acquired: 01/15/2019 12:57:03 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.070696	1.092176	1.059906	1.050861	1.025474	2.648020
Stddev	.012736	.007902	.006013	.008088	.010372	.016817
%RSD	1.189508	.7235072	.5673253	.7696597	1.011402	.6350829

#1	1.056840	1.088154	1.053500	1.041547	1.015751	2.628700
#2	1.073353	1.087094	1.060790	1.054924	1.024281	2.655989
#3	1.081893	1.101280	1.065428	1.056112	1.036391	2.659371

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5221701	.5139150	.5311630	10.57042	.5329423	.5324567
Stddev	.0008852	.0057865	.0034491	.09030	.0029702	.0035230
%RSD	.1695151	1.125974	.6493410	.8543095	.5573215	.6616587

#1	.5212079	.5166926	.5277646	10.46660	.5363711	.5296509
#2	.5229497	.5177891	.5310638	10.61384	.5311617	.5313087
#3	.5223528	.5072634	.5346606	10.63081	.5312940	.5364106

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5326883	5.444400	.5266543	6.279161	.5369675	.4510491
Stddev	.0043208	.082570	.0095006	.070211	.0044948	.0037291
%RSD	.8111276	1.516608	1.803946	1.118167	.8370752	.8267703

#1	.5286675	5.352769	.5158249	6.219022	.5326965	.4542760
#2	.5321406	5.467399	.5305509	6.356317	.5365490	.4469664
#3	.5372568	5.513033	.5335870	6.262144	.5416569	.4519047

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76516	.4974769	1.098401	10.33475	F 2.797531	2.684069
Stddev	.08582	.0035256	.004991	.06018	.015802	.030448
%RSD	.7971843	.7086919	.4543567	.5823238	.5648465	1.134393

#1	10.74285	.4975934	1.094238	10.27242	2.783850	2.700203
#2	10.85993	.5009427	1.103934	10.39252	2.793915	2.703055
#3	10.69271	.4938944	1.097031	10.33930	2.814827	2.648950

Sample Name: ICV01 Acquired: 01/15/2019 12:57:03 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.737015	F 2.791972	2.613506	2.727435	2.728585	F 2.821342
Stddev	.023710	.021024	.029973	.020279	.019958	.014106
%RSD	.8662550	.7530264	1.146862	.7435166	.7314424	.4999596

#1	2.714467	2.770594	2.627108	2.710763	2.705914	2.806214
#2	2.734841	2.792698	2.634266	2.721530	2.743504	2.834132
#3	2.761737	2.812624	2.579143	2.750011	2.736336	2.823681

Elem	Sr4077
Units	ppm
Avg	2.612981
Stddev	.013826
%RSD	.5291095

#1	2.620134
#2	2.621766
#3	2.597045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.023	3079.182	61288.51	6365.895	4855.421
Stddev	11.503	19.327	326.99	52.071	25.110
%RSD	.4077715	.6276534	.5335285	.8179639	.5171493

#1	2829.668	3098.836	61051.24	6339.627	4879.697
#2	2825.434	3078.509	61661.51	6332.191	4857.011
#3	2807.967	3060.200	61152.77	6425.868	4829.553

Sample Name: LLICV01 Acquired: 01/15/2019 13:09:56 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226712	.0439847	.0116075	.0197343	.0544667	.1010736	.1049382
Stddev	.0019266	.0011228	.0005661	.0000783	.0001559	.0087095	.0005339
%RSD	8.497964	2.552769	4.877285	.3967445	.2862170	8.616977	.5087582

#1	.0239304	.0434020	.0109668	.0197850	.0542868	.1109707	.1049873
#2	.0236297	.0452790	.0118155	.0197737	.0545613	.0976713	.1043814
#3	.0204533	.0432729	.0120402	.0196441	.0545521	.0945788	.1054458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062017	.0060526	2.066069	.0103799	.0334897	.0181041	.1083284
Stddev	.0000272	.0000332	.021800	.0000576	.0003653	.0025722	.0050785
%RSD	.4384216	.5490938	1.055165	.5547311	1.090864	14.20763	4.688047

#1	.0061827	.0060881	2.042898	.0103928	.0338724	.0192340	.1048404
#2	.0062328	.0060477	2.086174	.0104299	.0331446	.0151604	.1059898
#3	.0061895	.0060222	2.069135	.0103169	.0334522	.0199180	.1141548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214477	2.109574	.0445090	.0102388	2.212372	.0405974	.0447946
Stddev	.0007516	.033534	.0007502	.0005148	.104557	.0042180	.0010527
%RSD	3.504543	1.589603	1.685505	5.027884	4.725993	10.38978	2.349964

#1	.0208451	2.110158	.0452644	.0098420	2.213608	.0396950	.0435822
#2	.0212081	2.142811	.0437641	.0108205	2.316305	.0451936	.0453245
#3	.0222899	2.075751	.0444986	.0100540	2.107203	.0369037	.0454769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.962834	.0188766	.1030308	.2045484	.0192814	.4055107	.0425994
Stddev	.018750	.0009278	.0004839	.0011222	.0020800	.0031216	.0007299
%RSD	.9552465	4.915218	.4696574	.5486222	10.78764	.7697935	1.713472

#1	1.971073	.0178238	.1024722	.2058429	.0170932	.4055334	.0434337
#2	1.941375	.0192313	.1033217	.2038505	.0212330	.4023778	.0422858
#3	1.976053	.0195748	.1032985	.2039518	.0195179	.4086209	.0420786

Sample Name: LLICV01 Acquired: 01/15/2019 13:09:56 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0433832	.0211724	.0200582
Stddev	.0012604	.0008855	.0001232
%RSD	2.905309	4.182493	.6144001

#1	.0425720	.0220803	.0199944
#2	.0427423	.0203111	.0199799
#3	.0448353	.0211256	.0202002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.649	3105.782	60707.69	6289.903	4908.973
Stddev	32.400	18.389	249.58	33.127	32.542
%RSD	1.151921	.5920827	.4111248	.5266763	.6629018

#1	2844.537	3085.921	60919.07	6313.200	4873.645
#2	2813.649	3109.210	60771.66	6304.530	4915.548
#3	2779.761	3122.216	60432.35	6251.980	4937.724

Sample Name: ICB01 Acquired: 01/15/2019 13:13:47 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012866	-.000454	-.000175	-.002857	.0007115	-.002741	.0007799
Stddev	.0019742	.001331	.000945	.000801	.0006216	.004936	.0002897
%RSD	153.4509	292.8873	539.6240	28.03381	87.37059	180.0518	37.15059

#1	-.000693	-.000141	.000309	-.003126	.0001947	-.001859	.0008885
#2	.001297	-.001914	.000430	-.003488	.0014013	-.008059	.0004515
#3	.003255	.000692	-.001264	-.001956	.0005384	.001694	.0009996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0000130	-.012399	.0001008	.0003232	-.003565	.0116160
Stddev	.000030	.0000539	.013059	.0001545	.0004259	.002853	.0136295
%RSD	1028.627	414.5338	105.3200	153.2872	131.8067	80.02799	117.3338

#1	-.000006	.0000713	-.027052	-.000016	-.000040	-.000961	.0225848
#2	-.000031	-.000035	-.008156	.000276	.000792	-.003120	.0159054
#3	.000028	.000003	-.001990	.000043	.000218	-.006615	-.003642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000323	-.012999	.0001687	.0002864	.2196549	.0025829	-.000389
Stddev	.002058	.023913	.0001325	.0003946	.0976247	.0014853	.000163
%RSD	637.3783	183.9564	78.56525	137.7661	44.44457	57.50609	41.93564

#1	.001137	-.023402	.0001488	.0007408	.1114492	.0039956	-.000511
#2	.000571	.014353	.0003100	.0000292	.3011296	.0027188	-.000454
#3	-.002676	-.029950	.0000472	.0000894	.2463858	.0010343	-.000204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468479	-.001868	.0011481	.0001835	.0015691	.0011796	-.001245
Stddev	.0786130	.001590	.0008815	.0001464	.0014283	.0015050	.000676
%RSD	167.8048	85.11174	76.77934	79.76639	91.02532	127.5822	54.24923

#1	.0614339	-.000037	.0019812	.0000845	.0009182	-.000254	-.001965
#2	-.038037	-.002895	.0002251	.0003516	.0005822	.001046	-.000624
#3	.117146	-.002673	.0012378	.0001143	.0032068	.002747	-.001147

Sample Name: ICB01 Acquired: 01/15/2019 13:13:47 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000306	.0021919	-.000102
Stddev	.001280	.0009761	.000048
%RSD	418.5278	44.53188	47.40611

#1	-.000579	.0014287	-.000046
#2	.001088	.0018552	-.000135
#3	-.001427	.0032918	-.000124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.977	2985.893	59823.74	6203.683	4675.566
Stddev	22.258	29.963	203.36	22.262	43.924
%RSD	.7969170	1.003471	.3399390	.3588471	.9394415

#1	2797.672	3016.140	60002.34	6225.430	4715.624
#2	2768.746	2985.316	59602.41	6204.680	4682.477
#3	2812.513	2956.223	59866.47	6180.940	4628.596

Sample Name: CRI01 Acquired: 01/15/2019 13:21:31 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206903	.0451999	.0120339	.0189190	.0562363	.0996897	.1065443
Stddev	.0037863	.0013913	.0008614	.0021371	.0008245	.0025382	.0017316
%RSD	18.29999	3.078206	7.158467	11.29594	1.466122	2.546088	1.625282

#1	.0231449	.0442273	.0129784	.0213806	.0554926	.1008034	.1057594
#2	.0163297	.0467936	.0112913	.0175374	.0571229	.1014806	.1053442
#3	.0225962	.0445787	.0118321	.0178391	.0560935	.0967850	.1085295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061823	.0062952	2.065757	.0105884	.0345357	.0208271	.0949300
Stddev	.0000770	.0000796	.035504	.0002834	.0004656	.0015045	.0107165
%RSD	1.246117	1.263875	1.718698	2.676496	1.348075	7.223655	11.28882

#1	.0062139	.0062109	2.067820	.0109047	.0344972	.0219078	.1020035
#2	.0060944	.0063058	2.029266	.0103576	.0340906	.0191089	.0826002
#3	.0062384	.0063690	2.100185	.0105029	.0350193	.0214648	.1001862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202815	2.127895	.0456451	.0102849	2.019925	.0417019	.0450866
Stddev	.0008167	.053730	.0002718	.0003685	.195710	.0031739	.0004789
%RSD	4.027100	2.525024	.5955222	3.583028	9.688984	7.610829	1.062069

#1	.0193705	2.133572	.0453547	.0100885	2.184169	.0447997	.0455749
#2	.0209484	2.071553	.0456871	.0107100	1.803377	.0384571	.0450669
#3	.0205255	2.178561	.0458935	.0100562	2.072230	.0418489	.0446178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.050443	.0210429	.1017671	.2089088	.0173441	.4065933	.0428506
Stddev	.060106	.0024965	.0023026	.0020023	.0002120	.0086137	.0015027
%RSD	2.931370	11.86409	2.262608	.9584415	1.222340	2.118509	3.506764

#1	2.020302	.0186768	.1016946	.2073784	.0173505	.4055657	.0428327
#2	2.011370	.0207996	.0995016	.2081731	.0171290	.3985394	.0413570
#3	2.119655	.0236521	.1041051	.2111748	.0175528	.4156747	.0443622

Sample Name: CRI01 Acquired: 01/15/2019 13:21:31 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0438643	.0201359	.0202819
Stddev	.0010028	.0008241	.0004458
%RSD	2.286228	4.092835	2.197966

#1	.0429861	.0200562	.0198638
#2	.0436497	.0193545	.0202309
#3	.0449570	.0209970	.0207510

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2824.422	3067.249	60969.31	6288.177	4816.041
Stddev	15.790	21.688	55.99	136.474	32.801
%RSD	.5590435	.7070676	.0918312	2.170328	.6810790

#1	2808.595	3088.945	60939.41	6299.440	4850.132
#2	2840.174	3067.234	61033.90	6418.670	4813.288
#3	2824.497	3045.570	60934.62	6146.420	4784.704

Sample Name: ICSA01 Acquired: 01/15/2019 13:25:21 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034878	-.011526	-.006559	-.023937	.0054619	292.7983
Stddev	.0020962	.000510	.000892	.003084	.0027491	1.4814
%RSD	60.10185	4.422421	13.59579	12.88540	50.33234	.5059378

#1	.0010781	-.011129	-.007541	-.022126	.0022915	293.0495
#2	.0048905	-.012101	-.005800	-.022186	.0071855	291.2074
#3	.0044947	-.011347	-.006336	-.027498	.0069087	294.1380

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061413	.0009055	.0010877	273.2612	.0559919	.0026051
Stddev	.0007157	.0000271	.0000165	.6008	.0005267	.0001302
%RSD	11.65461	2.998138	1.519992	.2198596	.9407573	4.997416

#1	.0066912	.0009148	.0011012	273.0986	.0556798	.0027550
#2	.0053320	.0008750	.0010926	273.9265	.0556958	.0025208
#3	.0064006	.0009268	.0010692	272.7584	.0566000	.0025394

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082297	90.77959	.0115453	291.3075	-.000020	-.009252
Stddev	.0049009	.28197	.0011207	1.0271	.000421	.000140
%RSD	59.55106	.3106110	9.706908	.3525755	2158.117	1.510865

#1	.0112924	90.79941	.0115533	290.8683	-.000341	-.009260
#2	.0025773	90.48823	.0104207	290.5731	.000458	-.009387
#3	.0108194	91.05113	.0126620	292.4812	-.000175	-.009108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3834768	.0068179	.0102242	-.050157	-.005869	F -.195114
Stddev	.0398537	.0039482	.0002989	.038131	.005277	.003764
%RSD	10.39273	57.90912	2.922979	76.02387	89.90605	1.929211

#1	.3380274	.0027537	.0105392	-.007126	-.011947	-.197906
#2	.3999496	.0106388	.0099447	-.063595	-.003206	-.196603
#3	.4124533	.0070611	.0101887	-.079749	-.002455	-.190833

Sample Name: ICSA01 Acquired: 01/15/2019 13:25:21 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011046	.0169390	-.000074	-.001639	-.002051	.0117275
Stddev	.0004747	.0023974	.000638	.001008	.001596	.0007581
%RSD	42.97444	14.15338	864.7817	61.49387	77.82874	6.464284

#1	.0014199	.0194325	.000580	-.000643	-.003143	.0125636
#2	.0005587	.0167336	-.000695	-.002658	-.002791	.0110850
#3	.0013353	.0146508	-.000106	-.001615	-.000219	.0115338

Elem	Sr4077
Units	ppm
Avg	.1112831
Stddev	.0015984
%RSD	1.436304

#1	.1120988
#2	.1094415
#3	.1123091

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.524	2771.082	58136.07	6198.707	4088.303
Stddev	15.396	23.897	299.59	34.782	36.660
%RSD	.5884194	.8623597	.5153304	.5611121	.8967012

#1	2633.715	2794.726	58471.66	6164.196	4123.287
#2	2611.853	2771.578	58040.99	6198.171	4091.450
#3	2604.004	2746.941	57895.55	6233.753	4050.171

Sample Name: ICSAB01 Acquired: 01/15/2019 13:29:11 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1120328	.1176290	.0461857	.0296792	.6576395	289.8206
Stddev	.0073335	.0017410	.0014494	.0016757	.0072764	3.1449
%RSD	6.545845	1.480036	3.138149	5.646142	1.106442	1.085123

#1	.1159515	.1158994	.0464930	.0300871	.6516847	291.7919
#2	.1035724	.1193811	.0446073	.0311134	.6554836	291.4762
#3	.1165743	.1176064	.0474568	.0278372	.6657502	286.1938

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5478770	.5355404	1.096027	271.6670	.5875253	.5602896
Stddev	.0030479	.0010113	.007050	2.0637	.0038890	.0037529
%RSD	.5563027	.1888412	.6432032	.7596306	.6619375	.6698195

#1	.5457657	.5351068	1.089578	272.8768	.5833607	.5567132
#2	.5513711	.5366962	1.094950	272.8401	.5910626	.5599584
#3	.5464941	.5348182	1.103553	269.2842	.5881525	.5641971

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5469144	90.31017	.5433670	290.1492	1.105778	.2159458
Stddev	.0032672	.37267	.0073009	1.7766	.006919	.0004321
%RSD	.5973832	.4126536	1.343645	.6122892	.6257276	.2001080

#1	.5444987	90.61205	.5349397	291.7864	1.101328	.2157325
#2	.5456128	90.42480	.5473816	290.4009	1.102256	.2164431
#3	.5506318	89.89365	.5477797	288.2602	1.113749	.2156618

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3727986	.5119092	1.127936	-.131603	1.258512	F .8952530
Stddev	.0966328	.0088376	.005496	.013112	.010671	.0061971
%RSD	25.92090	1.726395	.4872636	9.963473	.8478751	.6922183

#1	.2662202	.5017059	1.125470	-.120149	1.250236	.8886924
#2	.3974753	.5171607	1.124105	-.145905	1.254743	.8960590
#3	.4547003	.5168609	1.134233	-.128755	1.270555	.9010077

Sample Name: ICSAB01 Acquired: 01/15/2019 13:29:11 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.093392	1.286390	1.047309	F 1.153960	1.066708	1.231477
Stddev	.009393	.007006	.004688	.008674	.005861	.012385
%RSD	.8590346	.5446332	.4476013	.7517101	.5494594	1.005676
#1	1.083554	1.282144	1.042762	1.144552	1.060498	1.220143
#2	1.094357	1.282549	1.047041	1.155687	1.072143	1.244696
#3	1.102265	1.294477	1.052126	1.161642	1.067483	1.229591

Elem	Sr4077
Units	ppm
Avg	1.163353
Stddev	.003773
%RSD	.3243449
#1	1.162127
#2	1.167586
#3	1.160345

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2663.151	2856.311	59081.72	6150.457	4232.927
Stddev	16.632	3.858	128.87	35.773	9.864
%RSD	.6245293	.1350804	.2181282	.5816366	.2330330
#1	2646.778	2856.533	58974.88	6114.377	4227.425
#2	2680.031	2860.053	59045.44	6151.079	4244.315
#3	2662.645	2852.346	59224.85	6185.916	4227.042

Sample Name: CCV01 Acquired: 01/15/2019 13:42:40 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.082033	5.125561	5.110030	5.079493	5.129122	10.13158	10.33626
Stddev	.003885	.023624	.019523	.018092	.009362	.07224	.09620
%RSD	.0764412	.4608978	.3820490	.3561700	.1825319	.7130453	.9307109

#1	5.086007	5.126294	5.115569	5.099401	5.127363	10.20992	10.42168
#2	5.078244	5.101579	5.088336	5.064057	5.120764	10.06758	10.23205
#3	5.081849	5.148809	5.126185	5.075020	5.139239	10.11725	10.35505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2502551	2.492048	24.96466	1.001368	2.513975	1.278112	4.987734
Stddev	.0009708	.008860	.15849	.019344	.008011	.024795	.022630
%RSD	.3879382	.3555139	.6348552	1.931800	.3186498	1.939985	.4537137

#1	.2513733	2.496373	25.14728	1.013448	2.518081	1.292634	5.009348
#2	.2496273	2.481856	24.86300	.979057	2.504743	1.249482	4.964209
#3	.2497647	2.497913	24.88370	1.011600	2.519099	1.292219	4.989643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.501292	24.97015	2.540435	1.234050	24.97413	2.540577	2.540010
Stddev	.006897	.21123	.008399	.027788	.33399	.023387	.033425
%RSD	.2757379	.8459390	.3306076	2.251795	1.337331	.9205573	1.315948

#1	2.506902	25.02819	2.543544	1.250395	25.35976	2.559503	2.547310
#2	2.503383	24.73596	2.530925	1.201964	24.78527	2.514431	2.503538
#3	2.493592	25.14629	2.546836	1.249790	24.77736	2.547798	2.569182

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.59938	5.083759	4.991700	5.016904	5.007914	4.995183	5.033268
Stddev	.14578	.012317	.042342	.012414	.024733	.030072	.015658
%RSD	.5694693	.2422847	.8482461	.2474493	.4938752	.6020226	.3110936

#1	25.65262	5.087729	5.035286	5.022122	5.021062	5.021988	5.040810
#2	25.43447	5.069946	4.950723	5.002732	4.979384	4.962664	5.015266
#3	25.71106	5.093601	4.989091	5.025857	5.023296	5.000897	5.043728

Sample Name: CCV01 Acquired: 01/15/2019 13:42:40 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.068156	5.073937	5.101282
Stddev	.039124	.046565	.033903
%RSD	.7719516	.9177280	.6646020

#1	5.110708	5.117152	5.131032
#2	5.033741	5.024623	5.064370
#3	5.060019	5.080034	5.108445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2784.395	3017.827	61074.53	6256.343	4683.547
Stddev	32.439	8.859	1006.56	36.855	19.816
%RSD	1.165042	.2935459	1.648081	.5890743	.4231070

#1	2762.283	3009.170	60312.41	6221.572	4664.651
#2	2821.635	3026.874	62215.55	6252.480	4704.170
#3	2769.267	3017.436	60695.64	6294.977	4681.821

Sample Name: LLCCV01 Acquired: 01/15/2019 13:46:12 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210393	.0460916	.0129887	.0234936	.0574639	.0946133	.1031511
Stddev	.0040387	.0017612	.0008950	.0006421	.0014549	.0033721	.0009426
%RSD	19.19614	3.821091	6.890288	2.733253	2.531810	3.564094	.9138305

#1	.0241991	.0447208	.0128813	.0227525	.0564756	.0972820	.1023422
#2	.0164890	.0454762	.0121523	.0238833	.0567815	.0957344	.1041863
#3	.0224296	.0480780	.0139325	.0238451	.0591346	.0908234	.1029249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059835	.0065142	2.004373	.0105846	.0350178	.0216498	.0954782
Stddev	.0001220	.0000816	.027941	.0003747	.0003307	.0012096	.0069551
%RSD	2.038585	1.253342	1.394000	3.540516	.9444588	5.586937	7.284481

#1	.0059453	.0064257	2.006768	.0105301	.0348045	.0222908	.1016377
#2	.0058851	.0065300	2.031039	.0102401	.0348502	.0224039	.0879354
#3	.0061199	.0065867	1.975311	.0109836	.0353988	.0202546	.0968616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209665	2.079848	.0465523	.0102274	2.052229	.0379588	.0459109
Stddev	.0005568	.048724	.0006246	.0002859	.081335	.0060964	.0006452
%RSD	2.655554	2.342693	1.341798	2.795906	3.963249	16.06068	1.405259

#1	.0216046	2.109993	.0462289	.0099508	2.068241	.0312033	.0451730
#2	.0207149	2.023635	.0461556	.0102095	1.964078	.0430509	.0461915
#3	.0205799	2.105916	.0472723	.0105219	2.124366	.0396221	.0463683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.058471	.0198407	.1093336	.2115489	.0184705	.3981267	.0478766
Stddev	.103928	.0036184	.0028766	.0012205	.0032842	.0088146	.0005107
%RSD	5.048778	18.23699	2.631068	.5769272	17.78101	2.214030	1.066755

#1	2.004628	.0181853	.1066861	.2101750	.0148730	.3926129	.0474967
#2	1.992512	.0239906	.1089201	.2119640	.0192300	.3934743	.0476758
#3	2.178272	.0173462	.1123946	.2125077	.0213084	.4082928	.0484572

Sample Name: LLCCV01 Acquired: 01/15/2019 13:46:12 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0410093	.0233171	.0201191
Stddev	.0007530	.0013436	.0001732
%RSD	1.836158	5.762227	.8610880

#1	.0418702	.0217951	.0199495
#2	.0404736	.0238176	.0201119
#3	.0406840	.0243385	.0202958

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.608	2828.342	57062.22	6109.243	4433.628
Stddev	9.136	6.937	185.95	115.420	17.600
%RSD	.3483502	.2452731	.3258642	1.889272	.3969662

#1	2619.595	2835.527	57213.39	6137.560	4448.552
#2	2615.360	2827.814	57118.68	6207.870	4438.114
#3	2632.870	2821.683	56854.59	5982.300	4414.220

Sample Name: CCB01 Acquired: 01/15/2019 13:50:05 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000217	.0003258	.0007547	-.000545	.0008523	-.013200	.0002294
Stddev	.0009036	.0017581	.0006035	.002042	.0009416	.007332	.0001976
%RSD	4165.966	539.5269	79.96472	374.5335	110.4666	55.54273	86.13503

#1	.0008959	.0015477	.0003420	-.001727	.0004001	-.010555	.0001474
#2	.0000777	.0011189	.0004748	.001812	.0019347	-.007558	.0000860
#3	-.000909	-.001689	.0014473	-.001720	.0002223	-.021487	.0004547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000068	.0000787	-.008347	-.000073	.0002713	.0002163	-.004321
Stddev	.0000030	.0000086	.020249	.000410	.0001957	.0026470	.003810
%RSD	44.72896	10.86881	242.5821	559.8541	72.14195	1223.717	88.18060

#1	.0000058	.0000885	.015034	-.000543	.0000953	.0022668	-.006312
#2	.0000044	.0000729	-.019946	.000206	.0002365	-.002772	-.006722
#3	.0000102	.0000747	-.020129	.000118	.0004820	.001154	.000072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001453	.0249815	.0000806	.0002458	.0976263	.0048526	-.000099
Stddev	.000954	.0943142	.0002194	.0000524	.1277644	.0040176	.000213
%RSD	65.66943	377.5366	272.1457	21.31148	130.8709	82.79347	214.5159

#1	-.000839	.1033898	.0002082	.0003060	.1516232	.0014404	-.000229
#2	-.000968	.0512318	.0002065	.0002100	-.048271	.0038368	-.000215
#3	-.002552	-.079677	-.000173	.0002216	.189527	.0092806	.000147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368685	-.001826	.0037227	.0003072	.0007148	.0026367	-.000389
Stddev	.0245322	.001336	.0001655	.0000720	.0015341	.0007660	.000602
%RSD	66.53961	73.17099	4.444450	23.42956	214.6365	29.04980	154.6250

#1	.0091521	-.001628	.0037324	.0003878	.0015749	.0026663	-.000691
#2	.0557939	-.000600	.0038831	.0002494	.0016258	.0033874	-.000780
#3	.0456597	-.003250	.0035526	.0002843	-.001056	.0018564	.000304

Sample Name: CCB01 Acquired: 01/15/2019 13:50:05 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000754	.0023402	.0001205
Stddev	.000602	.0008547	.0000306
%RSD	79.81876	36.52314	25.41338

#1	-.000059	.0032995	.0001513
#2	-.001103	.0016596	.0001201
#3	-.001098	.0020615	.0000901

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2776.875	3005.071	60355.98	6380.093	4710.373
Stddev	37.579	31.721	526.68	29.916	62.967
%RSD	1.353285	1.055572	.8726237	.4689007	1.336773

#1	2817.269	3033.783	60795.54	6358.010	4759.779
#2	2770.405	3010.411	60500.18	6414.140	4731.867
#3	2742.951	2971.020	59772.22	6368.130	4639.473

Sample Name: LR CHECK 1 Acquired: 01/15/2019 13:54:25 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039880	-.094412	-.122184	-.193371	.0459598	2181.200	.0046094
Stddev	.009548	.003145	.005113	.002479	.0024358	70.864	.0011322
%RSD	23.94079	3.331000	4.184353	1.282055	5.299919	3.248832	24.56323

#1	-.050549	-.094799	-.122800	-.190595	.0445349	2162.978	.0048318
#2	-.032139	-.097345	-.126961	-.195363	.0445722	2121.228	.0033825
#3	-.036953	-.091091	-.116791	-.194156	.0487724	2259.396	.0056139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062587	.0018079	1776.803	-.053831	.0855358	.1060032	861.2344
Stddev	.0000732	.0002535	57.098	.001319	.0011009	.0017408	11.8473
%RSD	1.169973	14.02339	3.213537	2.449591	1.287110	1.642239	1.375616

#1	.0063381	.0021001	1750.698	-.053370	.0845602	.1070754	852.8267
#2	.0062442	.0016454	1737.425	-.052804	.0853178	.1039946	856.0925
#3	.0061938	.0016783	1842.288	-.055318	.0867295	.1069397	874.7839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023089	1896.832	.0406688	-.083282	1935.544	.0184781	.1463593
Stddev	.004072	26.222	.0006708	.000966	23.563	.0028415	.0017721
%RSD	17.63696	1.382406	1.649511	1.159710	1.217383	15.37739	1.210809

#1	-.018890	1879.436	.0399015	-.082194	1921.032	.0156674	.1478003
#2	-.027022	1884.067	.0409602	-.083611	1922.868	.0213493	.1443806
#3	-.023355	1926.992	.0411446	-.084040	1962.731	.0184176	.1468971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	900.6861	-.017670	^ *****	.0061056	.3187323	.0069098	.0140976
Stddev	14.0023	.008260	-----	.0005492	.0078059	.0013435	.0033603
%RSD	1.554629	46.74400	-----	8.994916	2.449062	19.44351	23.83596

#1	891.3607	-.025014	^ -----	.0055386	.3261007	.0053828	.0166236
#2	893.9102	-.019268	^ -----	.0061430	.3195439	.0079102	.0102839
#3	916.7875	-.008728	^ -----	.0066350	.3105522	.0074365	.0153853

Sample Name: LR CHECK 1 Acquired: 01/15/2019 13:54:25 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.046295	.0687612	.0150779
Stddev	.002858	.0032406	.0002437
%RSD	6.173458	4.712872	1.616188

#1	-.043012	.0661142	.0148243
#2	-.047643	.0677942	.0150992
#3	-.048229	.0723753	.0153102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.552	2262.167	50686.27	5453.663	2913.403
Stddev	25.253	28.485	448.55	80.997	34.314
%RSD	1.131642	1.259205	.8849559	1.485184	1.177795

#1	2232.746	2287.909	50824.54	5482.503	2943.107
#2	2256.186	2267.028	51049.42	5516.294	2921.261
#3	2205.722	2231.564	50184.87	5362.193	2875.842

Sample Name: LR CHECK 2 Acquired: 01/15/2019 13:58:26 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016620	.0128196	261.0925	-.020374	-.011384	113.7476	101.3252
Stddev	.0079285	.0018397	2.6869	.000648	.001394	.8327	1.8336
%RSD	477.0329	14.35046	1.029115	3.178604	12.24188	.7320891	1.809613

#1	.0002408	.0125888	258.6925	-.021121	-.009853	113.9085	100.4473
#2	.0102050	.0111062	260.5898	-.019981	-.012579	112.8461	100.0955
#3	-.005460	.0147638	263.9954	-.020019	-.011721	114.4881	103.4326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001424	-.000523	144.9370	-.164589	.0139931	245.3486	72.34690
Stddev	.000072	.000238	1.7841	.000355	.0004907	1.4328	.72206
%RSD	5.064736	45.63574	1.230932	.2158665	3.506929	.5839948	.9980516

#1	-.001341	-.000346	145.2199	-.164988	.0135432	244.5267	72.39489
#2	-.001456	-.000794	143.0284	-.164305	.0145164	244.5160	71.60205
#3	-.001474	-.000428	146.5627	-.164476	.0139196	247.0031	73.04377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.49264	146.6123	49.51300	-.001825	153.8245	-.007709	36.56072
Stddev	.74839	1.4092	.52210	.000159	1.2404	.004549	2.77819
%RSD	1.609691	.9611572	1.054467	8.731629	.8063579	59.01540	7.598839

#1	46.79132	146.9661	49.08816	-.002008	153.9684	-.002741	34.90389
#2	45.64103	145.0599	49.35498	-.001712	152.5185	-.011672	35.01015
#3	47.04556	147.8108	50.09585	-.001756	154.9867	-.008713	39.76811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.87449	-2.73794	-.130023	-.036260	-.297723	.2206052	-.005586
Stddev	.34917	.02349	.003185	.000511	.015153	.0078560	.001431
%RSD	.6603715	.8579048	2.449487	1.410246	5.089610	3.561136	25.62303

#1	52.76024	-2.72394	-.127547	-.035792	-.306566	.2194758	-.006970
#2	52.59677	-2.72484	-.128906	-.036184	-.280226	.2133750	-.005676
#3	53.26648	-2.76506	-.133616	-.036806	-.306377	.2289649	-.004112

Sample Name: LR CHECK 2 Acquired: 01/15/2019 13:58:26 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.019070	.0123433	.0034532
Stddev	.001758	.0034950	.0001251
%RSD	9.218771	28.31501	3.621946

#1	-.020843	.0088124	.0035340
#2	-.019039	.0124162	.0033091
#3	-.017328	.0158013	.0035163

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.221	2711.522	57495.56	6231.463	4289.147
Stddev	145.490	21.176	4003.93	77.164	32.176
%RSD	5.786667	.7809733	6.963897	1.238299	.7501646

#1	2604.590	2731.283	59794.66	6211.611	4315.973
#2	2591.683	2714.115	59819.77	6316.613	4297.996
#3	2346.389	2689.169	52872.24	6166.164	4253.473

Sample Name: K1114-01DLX10 Acquired: 01/15/2019 14:02:09 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PM-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004782	-.000509	.0192851	-.000809	.0005908	.0778691	.1123602
Stddev	.001287	.001095	.0025284	.001396	.0006943	.0162286	.0010213
%RSD	26.92066	215.1575	13.11062	172.5444	117.5191	20.84081	.9089751

#1	-.005971	-.000380	.0217502	-.000344	.0007939	.0965657	.1116506
#2	-.003415	-.001663	.0194074	-.002378	.0011610	.0674287	.1135307
#3	-.004959	.000516	.0166978	.000295	-.000182	.0696128	.1118991

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	.0027438	9.362823	-.002406	.0015772	.0288534	.0450444
Stddev	.000024	.0000881	.063177	.000021	.0000311	.0004950	.0050373
%RSD	37.41584	3.210243	.6747592	.8872238	1.972857	1.715521	11.18302

#1	-.000058	.0026767	9.372039	-.002408	.0015507	.0290245	.0430010
#2	-.000090	.0027112	9.295545	-.002384	.0016114	.0292401	.0413499
#3	-.000044	.0028436	9.420886	-.002426	.0015693	.0282955	.0507823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2719015	.9196542	.0000646	.0007270	33.76967	.0059542	6.282936
Stddev	.0017473	.0362569	.0003608	.0004356	.45000	.0070377	.047466
%RSD	.6426377	3.942446	558.6270	59.91268	1.332549	118.1959	.7554766

#1	.2707073	.9589225	.0004315	.0010366	33.53997	.0007146	6.275593
#2	.2710902	.8874478	.0000518	.0002290	33.48089	.0031946	6.239570
#3	.2739070	.9125924	-.000290	.0009155	34.28817	.0139535	6.333646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042548	.0006357	.0335136	-.000693	.4052662	.2753620	-.001041
Stddev	.041526	.0027320	.0005468	.000110	.0111718	.0032951	.000784
%RSD	3.983158	429.7750	1.631621	15.81145	2.756664	1.196627	75.23760

#1	1.048314	-.001398	.0341376	-.000576	.3940578	.2783075	-.001617
#2	1.080890	-.000436	.0332853	-.000793	.4053396	.2718035	-.000149
#3	.998440	.003741	.0331180	-.000710	.4164011	.2759751	-.001359

Sample Name: K1114-01DLX10 Acquired: 01/15/2019 14:02:09 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PM-A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000309	.0160303	.0334391
Stddev	.001601	.0019313	.0001751
%RSD	518.4479	12.04780	.5237726

#1	-.002099	.0138997	.0333210
#2	.000186	.0165254	.0333559
#3	.000986	.0176659	.0336403

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.708	2907.213	59820.56	6363.843	4618.096
Stddev	13.026	47.131	285.49	29.585	78.831
%RSD	.4787631	1.621190	.4772362	.4648916	1.707005

#1	2731.559	2948.324	60088.64	6345.890	4693.984
#2	2724.303	2917.542	59852.66	6397.990	4623.686
#3	2706.263	2855.774	59520.38	6347.650	4536.619

Sample Name: K1114-03DLX10 Acquired: 01/15/2019 14:05:59 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PM-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003788	-.001407	.0074156	.0016336	-.000263	.0238179	.0340322
Stddev	.001217	.001570	.0020048	.0006177	.000151	.0077622	.0006532
%RSD	32.12996	111.5345	27.03559	37.81380	57.30182	32.58990	1.919440

#1	-.004719	-.001187	.0057593	.0015980	-.000219	.0251726	.0339856
#2	-.002411	.000041	.0096444	.0022683	-.000139	.0308137	.0347075
#3	-.004233	-.003076	.0068430	.0010344	-.000431	.0154675	.0334035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	.0006526	10.90073	-.006508	.0009610	.0033125	-.010778
Stddev	.000030	.0000518	.06351	.000282	.0000587	.0032981	.011010
%RSD	107.6495	7.942134	.5825914	4.335891	6.105342	99.56507	102.1600

#1	-.000063	.0006299	10.82876	-.006199	.0009811	.0005309	-.014748
#2	-.000007	.0006160	10.94887	-.006753	.0008950	.0069559	-.019252
#3	-.000014	.0007119	10.92457	-.006571	.0010071	.0024507	.001667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1578413	1.011791	-.002482	.0002867	29.96731	.0041305	8.190187
Stddev	.0011609	.028046	.000475	.0001200	.11560	.0006313	.074653
%RSD	.7354670	2.771954	19.14615	41.83906	.3857560	15.28424	.9114972

#1	.1578474	1.043099	-.002925	.0003250	30.04935	.0041083	8.104126
#2	.1566774	.988964	-.001980	.0003828	30.01747	.0047726	8.237486
#3	.1589991	1.003309	-.002539	.0001523	29.83510	.0035105	8.228949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7851561	.0004872	.0692358	-.001095	.6741402	.2427251	-.001037
Stddev	.0281217	.0010649	.0013534	.000112	.0115786	.0017739	.000716
%RSD	3.581663	218.5850	1.954704	10.26274	1.717530	.7308155	69.01492

#1	.7931700	.0017109	.0702913	-.001200	.6674966	.2435545	-.001464
#2	.8084009	-.000229	.0677101	-.000977	.6674140	.2406884	-.000211
#3	.7538973	-.000021	.0697061	-.001107	.6875098	.2439323	-.001437

Sample Name: K1114-03DLX10 Acquired: 01/15/2019 14:05:59 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PM-C Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000551	.0113055	.0819508
Stddev	.002285	.0020633	.0003804
%RSD	414.4267	18.25067	.4642220

#1	-.001389	.0136043	.0821975
#2	.002034	.0096140	.0815126
#3	-.002300	.0106981	.0821422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2742.461	2905.516	60223.20	6395.107	4634.351
Stddev	26.129	44.393	143.70	20.705	65.406
%RSD	.9527727	1.527891	.2386092	.3237626	1.411327

#1	2772.005	2945.454	60286.18	6391.330	4693.518
#2	2722.386	2913.374	60324.65	6417.440	4645.416
#3	2732.993	2857.718	60058.76	6376.550	4564.118

Sample Name: K1099-17DLX10 Acquired: 01/15/2019 14:09:47 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139304	-.000999	.4859956	-.003610	-.002284	18.19671	.1728264
Stddev	.0020120	.000939	.0007133	.000381	.000773	.12815	.0012430
%RSD	14.44302	93.96682	.1467623	10.55068	33.83353	.7042289	.7191980

#1	.0135441	-.001129	.4854411	-.003560	-.001650	18.11983	.1722836
#2	.0121395	-.001867	.4857454	-.003257	-.002058	18.34464	.1742485
#3	.0161075	-.000002	.4868002	-.004014	-.003145	18.12565	.1719472

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010845	.0006293	4.651311	.9850430	.0124094	.1111221	31.32153
Stddev	.0000487	.0000082	.049109	.0028735	.0002306	.0021688	.24937
%RSD	4.489094	1.308645	1.055820	.2917149	1.858381	1.951717	.7961656

#1	.0010770	.0006269	4.614174	.9834023	.0123330	.1087225	31.11249
#2	.0011365	.0006385	4.706992	.9883610	.0122268	.1117011	31.59755
#3	.0010400	.0006226	4.632767	.9833657	.0126686	.1129426	31.25456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6075391	3.708076	.0240446	-.001806	.5303922	.0462019	.3062716
Stddev	.0084839	.069702	.0002637	.000277	.0491066	.0043820	.0012209
%RSD	1.396432	1.879748	1.096592	15.34383	9.258550	9.484542	.3986323

#1	.5998206	3.654041	.0238394	-.002075	.5507815	.0418117	.3052106
#2	.6166228	3.786753	.0243420	-.001521	.4743754	.0462181	.3059980
#3	.6061738	3.683436	.0239524	-.001821	.5660197	.0505758	.3076060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9000561	1.231236	-.047087	.0011077	.2752754	.1919203	.0723604
Stddev	.0635333	.006857	.000990	.0002166	.0038041	.0017684	.0007738
%RSD	7.058819	.5569206	2.101895	19.55715	1.381929	.9214068	1.069418

#1	.8661385	1.230108	-.045946	.0013131	.2710128	.1904987	.0719558
#2	.9733503	1.225013	-.047708	.0008814	.2764882	.1939006	.0732526
#3	.8606794	1.238587	-.047608	.0011287	.2783253	.1913617	.0718726

Sample Name: K1099-17DLX10 Acquired: 01/15/2019 14:09:47 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2045523	.0216502	.0291965
Stddev	.0024123	.0012368	.0001386
%RSD	1.179295	5.712672	.4748011

#1	.2033156	.0202430	.0292418
#2	.2073321	.0221429	.0293068
#3	.2030092	.0225648	.0290409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2808.460	3032.039	61224.24	6427.850	4675.506
Stddev	8.301	12.446	167.50	55.526	20.200
%RSD	.2955849	.4104876	.2735920	.8638422	.4320351

#1	2803.511	3042.816	61085.91	6465.260	4693.140
#2	2818.044	3034.884	61176.32	6364.050	4679.909
#3	2803.825	3018.416	61410.47	6454.240	4653.467

Sample Name: K1145-03 Acquired: 01/15/2019 14:13:35 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817090	-.004122	.2201490	-.005400	.0102916	14.09751	.5480015
Stddev	.0041015	.000689	.0010644	.001604	.0013336	.03822	.0008252
%RSD	5.019672	16.71168	.4834864	29.70714	12.95838	.2711152	.1505759

#1	.0817849	-.003477	.2205856	-.006598	.0112220	14.12783	.5484891
#2	.0857721	-.004848	.2209257	-.006025	.0108892	14.11013	.5470488
#3	.0775701	-.004040	.2189357	-.003578	.0087637	14.05458	.5484666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006388	.0015034	58.21239	.1509916	.0067199	.4010168	47.30414
Stddev	.0000536	.0000572	.37511	.0001759	.0001222	.0061693	.39702
%RSD	8.394069	3.806407	.6443884	.1164766	1.818292	1.538426	.8392857

#1	.0006878	.0015138	58.35844	.1511015	.0065854	.4058787	47.40546
#2	.0006470	.0014417	58.49252	.1510846	.0068240	.3940767	47.64068
#3	.0005815	.0015547	57.78622	.1507888	.0067503	.4030951	46.86628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6240996	6.895975	.0457253	-.001222	13.98141	.0330780	1.443125
Stddev	.0085993	.015961	.0003410	.000403	.12243	.0031365	.005620
%RSD	1.377868	.2314503	.7457858	32.94978	.8756346	9.482063	.3894523

#1	.6271450	6.907719	.0459186	-.001079	13.84842	.0366005	1.442419
#2	.6307617	6.902405	.0459258	-.001677	14.00639	.0320459	1.437892
#3	.6143920	6.877803	.0453316	-.000911	14.08942	.0305877	1.449065

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.747548	2.034535	.0052845	.0226020	10.00107	.8937892	.0170397
Stddev	.081907	.005251	.0010347	.0000565	.03023	.0110330	.0010484
%RSD	1.213884	.2580901	19.57947	.2502128	.3022238	1.234412	6.152400

#1	6.822758	2.037233	.0064695	.0225679	10.03577	.8979767	.0182211
#2	6.660280	2.037888	.0048243	.0225709	9.98049	.9021155	.0166777
#3	6.759606	2.028483	.0045598	.0226673	9.98695	.8812755	.0162203

Sample Name: K1145-03 Acquired: 01/15/2019 14:13:35 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2713515	.0610250	.1153089
Stddev	.0030577	.0019407	.0002800
%RSD	1.126855	3.180231	.2427858

#1	.2722580	.0630363	.1155097
#2	.2738535	.0591636	.1149891
#3	.2679430	.0608752	.1154278

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.494	3045.570	62012.49	6507.816	4750.385
Stddev	7.013	4.887	153.33	21.743	18.677
%RSD	.2509709	.1604635	.2472622	.3341072	.3931780

#1	2802.534	3040.178	62112.83	6500.270	4728.868
#2	2791.309	3049.708	61835.99	6532.327	4759.866
#3	2789.638	3046.823	62088.66	6490.851	4762.420

Sample Name: K1113-01 Acquired: 01/15/2019 14:17:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: BCB-COMPOSIT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5943856	-.010513	.0623830	-.031733	.0110668	9.398119
Stddev	.0176773	.005378	.0020114	.002546	.0023184	.067200
%RSD	2.974044	51.15326	3.224289	8.021653	20.94939	.7150349

#1	.5740957	-.005182	.0608249	-.034534	.0100825	9.435213
#2	.6026004	-.010421	.0646537	-.031105	.0137150	9.438596
#3	.6064608	-.015936	.0616705	-.029561	.0094029	9.320548

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1417878	.0019206	.0059986	F 4587.767	.0086907	.0194895
Stddev	.0011568	.0000418	.0001318	48.871	.0004768	.0002031
%RSD	.8158648	2.178090	2.196533	1.065242	5.486805	1.041996

#1	.1405405	.0018868	.0058690	4587.122	.0083158	.0196325
#2	.1428253	.0019674	.0059942	4636.958	.0085288	.0195790
#3	.1419976	.0019076	.0061324	4539.222	.0092274	.0192571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1181892	123.8308	21.79205	F 1905.409	.0677487	-.011048
Stddev	.0041370	1.1939	.29297	19.746	.0016978	.000439
%RSD	3.500289	.9641021	1.344401	1.036332	2.505988	3.977231

#1	.1150774	124.3749	21.90549	1914.077	.0661289	-.010877
#2	.1166063	124.6557	22.01134	1919.339	.0676024	-.010720
#3	.1228839	122.4619	21.45932	1882.811	.0695150	-.011547

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.479814	.0626682	.9934028	.7669434	.7222072	-.220256
Stddev	.138745	.0029267	.0244736	.0378418	.0088530	.003837
%RSD	5.594972	4.670186	2.463616	4.934107	1.225821	1.741843

#1	2.488473	.0657321	.9795206	.7260272	.7139592	-.216823
#2	2.614027	.0599013	.9790266	.7741200	.7211013	-.224397
#3	2.336943	.0623712	1.021661	.8006830	.7315612	-.219549

Sample Name: K1113-01 Acquired: 01/15/2019 14:17:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: BCB-COMPOSIT Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000592	11.76365	1.301082	.0004415	.0901518	.2146196
Stddev	.000351	.12872	.009646	.0013948	.0019156	.0038282
%RSD	59.24629	1.094192	.7413608	315.9593	2.124817	1.783701

#1	-.000936	11.64530	1.309301	.0010018	.0879617	.2160959
#2	-.000604	11.74496	1.303482	.0014690	.0915154	.2174898
#3	-.000235	11.90069	1.290463	-.001146	.0909781	.2102731

Elem	Sr4077
Units	ppm
Avg	10.13458
Stddev	.19837
%RSD	1.957330

#1	10.21507
#2	10.28004
#3	9.90861

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.214	2467.159	58564.75	6332.536	2825.751
Stddev	55.171	8.616	1382.01	57.057	16.006
%RSD	2.242522	.3492438	2.359802	.9010204	.5664277

#1	2497.427	2476.051	59518.51	6314.052	2842.241
#2	2486.389	2466.577	59195.88	6287.012	2824.736
#3	2396.828	2458.848	56979.84	6396.544	2810.277

Sample Name: K1113-01DUP Acquired: 01/15/2019 14:21:23 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: BCB-COMPOSIT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5177945	-.010762	.0562694	-.033809	.0121921	11.08288
Stddev	.0093565	.003063	.0026445	.000079	.0025316	.03369
%RSD	1.806991	28.46206	4.699673	.2351059	20.76459	.3039644

#1	.5071056	-.007263	.0538851	-.033724	.0136955	11.11483
#2	.5217765	-.012065	.0558093	-.033821	.0136115	11.04769
#3	.5245012	-.012959	.0591137	-.033882	.0092692	11.08611

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1445017	.0019401	.0069127	F 4653.504	.0165104	.0215069
Stddev	.0008347	.0000350	.0001230	46.803	.0006861	.0002237
%RSD	.5776659	1.805588	1.779431	1.005753	4.155575	1.040039

#1	.1436595	.0019030	.0068336	4610.407	.0173022	.0212956
#2	.1445167	.0019445	.0070544	4646.813	.0161395	.0214839
#3	.1453288	.0019727	.0068500	4703.292	.0160897	.0217412

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1180133	122.3309	22.78075	F 1983.467	.0396381	-.011013
Stddev	.0031327	1.2719	.31521	17.148	.0012727	.000132
%RSD	2.654569	1.039721	1.383688	.8645531	3.210910	1.201148

#1	.1214189	123.7978	23.14449	2002.674	.0389179	-.010868
#2	.1173666	121.5345	22.58746	1969.697	.0388889	-.011127
#3	.1152543	121.6605	22.61031	1978.029	.0411077	-.011045

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.452729	.0724527	1.253547	1.581071	1.129030	-.210329
Stddev	.239439	.0041372	.004492	.054418	.026066	.002075
%RSD	9.762148	5.710270	.3583271	3.441872	2.308745	.9865826

#1	2.403680	.0703315	1.248730	1.518263	1.099293	-.211046
#2	2.712895	.0698062	1.254291	1.610808	1.139867	-.207990
#3	2.241613	.0772203	1.257621	1.614141	1.147929	-.211950

Sample Name: K1113-01DUP Acquired: 01/15/2019 14:21:23 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: BCB-COMPOSIT Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000598	3.520031	2.356309	.0052159	.1004288	.2381938
Stddev	.000054	.046162	.004397	.0034560	.0030362	.0009159
%RSD	9.015590	1.311396	.1865951	66.25993	3.023267	.3845115

#1	-.000591	3.467848	2.358260	.0030256	.0978168	.2371552
#2	-.000655	3.536712	2.351274	.0092000	.1037601	.2385407
#3	-.000548	3.555534	2.359392	.0034220	.0997094	.2388856

Elem	Sr4077
Units	ppm
Avg	10.04513
Stddev	.03718
%RSD	.3701152

#1	10.01205
#2	10.03797
#3	10.08536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.609	2511.749	58415.33	6373.447	2817.675
Stddev	8.049	22.199	51.27	12.834	36.445
%RSD	.3280308	.8838091	.0877654	.2013623	1.293434

#1	2462.847	2536.173	58420.51	6387.052	2858.838
#2	2449.875	2506.272	58361.66	6371.731	2804.672
#3	2448.106	2492.801	58463.81	6361.557	2789.516

Sample Name: J6562-09 Acquired: 01/15/2019 14:25:27 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0428164	-.003647	18.94748	-.017654	.1029298	55.65453	.3860160
Stddev	.0040462	.000533	.17554	.002773	.0008552	.05187	.0009258
%RSD	9.450107	14.61314	.9264416	15.70552	.8308779	.0931942	.2398398

#1	.0474519	-.004045	18.81616	-.016612	.1024413	55.70809	.3851664
#2	.0399933	-.003041	18.87943	-.015554	.1039173	55.60454	.3870028
#3	.0410038	-.003854	19.14686	-.020797	.1024307	55.65096	.3858787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031209	.0050339	15.35824	.1142967	.0276501	1.951440	112.9955
Stddev	.0000956	.0001036	.05559	.0010579	.0005913	.008953	.6210
%RSD	3.062687	2.058312	.3619326	.9255402	2.138553	.4587993	.5495592

#1	.0030172	.0049142	15.38671	.1131222	.0273800	1.942059	113.6950
#2	.0032054	.0050942	15.29419	.1145935	.0272421	1.959893	112.5092
#3	.0031402	.0050932	15.39383	.1151745	.0283282	1.952369	112.7822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8138361	13.22474	.1232218	-.006131	.7271148	.1429465	.7408339
Stddev	.0019611	.11630	.0015050	.000144	.0827681	.0027329	.0014895
%RSD	.2409724	.8793900	1.221370	2.344791	11.38309	1.911808	.2010630

#1	.8139243	13.35894	.1218109	-.005985	.8115369	.1460437	.7396547
#2	.8157517	13.16187	.1230487	-.006273	.6461063	.1408744	.7425079
#3	.8118324	13.15341	.1248059	-.006135	.7237011	.1419213	.7403392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.279802	3.305229	-.163279	.0148108	1.320610	12.65530	.0421759
Stddev	.024682	.033090	.002220	.0001620	.009839	.15346	.0005097
%RSD	.7525469	1.001148	1.359750	1.093948	.7450018	1.212651	1.208447

#1	3.278333	3.273195	-.162526	.0148282	1.318712	12.47936	.0424564
#2	3.305185	3.303209	-.161534	.0149634	1.311859	12.76156	.0424836
#3	3.255887	3.339283	-.165778	.0146408	1.331259	12.72498	.0415876

Sample Name: J6562-09 Acquired: 01/15/2019 14:25:27 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6684307	.0553973	.0686796
Stddev	.0023185	.0020743	.0001099
%RSD	.3468617	3.744431	.1599558

#1	.6679258	.0535021	.0687965
#2	.6664063	.0550767	.0685785
#3	.6709601	.0576133	.0686638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.402	3067.532	63325.74	6672.548	4598.806
Stddev	21.896	13.932	448.52	25.750	33.523
%RSD	.7628120	.4541749	.7082733	.3859132	.7289483

#1	2849.062	3073.642	63116.10	6697.260	4621.320
#2	2892.814	3077.365	63840.70	6674.511	4614.819
#3	2869.328	3051.589	63020.44	6645.872	4560.279

Sample Name: J6562-09DUP Acquired: 01/15/2019 14:29:13 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446510	-.002444	18.32224	-.016449	.0991729	55.37871	.3833528
Stddev	.0049909	.002369	.04034	.001794	.0016832	.36372	.0012021
%RSD	11.17759	96.93570	.2201550	10.90816	1.697249	.6567944	.3135827

#1	.0485673	.000212	18.32436	-.015071	.0979870	55.66392	.3828682
#2	.0390314	-.004338	18.28089	-.018478	.0984323	55.50310	.3847215
#3	.0463542	-.003206	18.36148	-.015799	.1010994	54.96911	.3824685

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030595	.0048517	15.14454	.1136319	.0263095	1.931752	112.9357
Stddev	.0000569	.0001195	.19542	.0022572	.0003874	.006651	.8500
%RSD	1.860061	2.462310	1.290366	1.986392	1.472571	.3442749	.7526657

#1	.0031201	.0047140	15.30917	.1161934	.0262371	1.924073	113.6191
#2	.0030071	.0049135	15.19587	.1119341	.0259633	1.935509	113.2041
#3	.0030512	.0049277	14.92858	.1127682	.0267280	1.935674	111.9839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8147840	13.14672	.1192642	-.006105	.7348441	.1447889	.7362639
Stddev	.0056412	.14116	.0003234	.000557	.1343969	.0042192	.0121079
%RSD	.6923570	1.073693	.2711921	9.118981	18.28917	2.914037	1.644498

#1	.8207081	13.13390	.1195849	-.005818	.8107752	.1442716	.7498133
#2	.8141675	13.29386	.1189381	-.005751	.8140893	.1492429	.7265042
#3	.8094763	13.01242	.1192697	-.006747	.5796677	.1408522	.7324742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.285009	3.192742	-.163592	.0143125	1.273171	12.58529	.0412047
Stddev	.039279	.009005	.002127	.0001390	.003434	.11083	.0007193
%RSD	1.195692	.2820391	1.300393	.9710702	.2697289	.8806317	1.745578

#1	3.313386	3.190742	-.164922	.0141681	1.274901	12.62233	.0419039
#2	3.240180	3.184906	-.164716	.0144453	1.275396	12.67285	.0412433
#3	3.301462	3.202579	-.161139	.0143240	1.269216	12.46068	.0404669

Sample Name: J6562-09DUP Acquired: 01/15/2019 14:29:13 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6639151	.0539229	.0674866
Stddev	.0048947	.0009517	.0001581
%RSD	.7372470	1.764966	.2342955

#1	.6661743	.0547315	.0673097
#2	.6672723	.0528741	.0675363
#3	.6582989	.0541632	.0676140

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.193	3152.049	63791.04	6728.321	4731.747
Stddev	41.787	2.409	933.43	30.560	8.204
%RSD	1.441838	.0764107	1.463270	.4542055	.1733787

#1	2856.957	3154.578	62813.10	6732.967	4728.843
#2	2940.511	3151.787	64672.47	6695.704	4741.008
#3	2897.112	3149.782	63887.54	6756.292	4725.390

Sample Name: CCV02 Acquired: 01/15/2019 14:32:58 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV14458 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.339323	5.382969	5.283538	5.306650	5.398916	10.45184	10.71127
Stddev	.020822	.021202	.024360	.010563	.026418	.02472	.05035
%RSD	.3899711	.3938646	.4610513	.1990570	.4893134	.2365175	.4700666

#1	5.324755	5.387004	5.270051	5.295111	5.387531	10.45608	10.69259
#2	5.330043	5.360039	5.268905	5.308997	5.380101	10.47416	10.76830
#3	5.363172	5.401862	5.311659	5.315843	5.429118	10.42527	10.67294

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2546256	2.595829	25.67467	1.042528	2.637303	1.311385	5.145987
Stddev	.0008529	.010501	.05025	.001089	.012908	.009146	.024831
%RSD	.3349646	.4045432	.1957171	.1044236	.4894354	.6974616	.4825351

#1	.2554805	2.589780	25.73008	1.041594	2.629702	1.308778	5.143584
#2	.2546215	2.589752	25.63206	1.043724	2.630000	1.321553	5.171933
#3	.2537747	2.607955	25.66186	1.042267	2.652206	1.303826	5.122445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.574632	25.38388	2.668203	1.284366	25.87971	2.606225	2.660280
Stddev	.013164	.06307	.011162	.002532	.20410	.013679	.008001
%RSD	.5113067	.2484629	.4183463	.1971631	.7886489	.5248563	.3007739

#1	2.586924	25.36178	2.662215	1.281700	25.87606	2.618033	2.655428
#2	2.560741	25.45502	2.661312	1.284658	26.08561	2.591235	2.655896
#3	2.576232	25.33483	2.681081	1.286739	25.67745	2.609406	2.669515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.41927	5.388324	5.056078	5.258423	5.264662	5.068192	5.268013
Stddev	.09835	.036783	.018303	.016296	.025257	.020058	.026663
%RSD	.3722765	.6826365	.3620033	.3098967	.4797526	.3957589	.5061282

#1	26.35604	5.379997	5.076411	5.248453	5.275191	5.091250	5.257741
#2	26.53258	5.356418	5.040918	5.249589	5.235844	5.058540	5.248013
#3	26.36918	5.428556	5.050904	5.277228	5.282951	5.054784	5.298284

Sample Name: CCV02 Acquired: 01/15/2019 14:32:58 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV14458 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.226672	5.243966	5.234983
Stddev	.020930	.025992	.058077
%RSD	.4004464	.4956627	1.109403

#1	5.207144	5.227447	5.197680
#2	5.248767	5.273927	5.301898
#3	5.224105	5.230524	5.205373

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.799	2907.415	59174.58	6218.488	4508.569
Stddev	12.040	8.319	249.16	3.382	14.798
%RSD	.4489618	.2861363	.4210624	.0543799	.3282302

#1	2693.966	2912.393	59452.16	6222.184	4514.113
#2	2681.543	2912.041	59101.30	6215.550	4519.795
#3	2669.889	2897.811	58970.27	6217.730	4491.799

Sample Name: CCB02 Acquired: 01/15/2019 14:36:28 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB14458 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000298	-.000003	.0018235	-.000397	-.000299	-.007001	-.000767
Stddev	.0008159	.001939	.0003984	.002679	.000898	.008436	.000261
%RSD	2738.431	59448.30	21.84553	675.3218	300.3588	120.4985	34.02970

#1	-.000891	-.002087	.0014902	-.000250	-.000935	-.000546	-.000949
#2	.000663	.001748	.0022647	-.003146	-.000691	-.016547	-.000883
#3	.000317	.000330	.0017156	.002206	.000729	-.003911	-.000468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	.0000033	.0815201	-.000003	.0002153	-.001259	.0088972
Stddev	.000027	.0000776	.0276735	.000081	.0004284	.001211	.0140182
%RSD	65.27637	2326.601	33.94686	2684.400	199.0060	96.16154	157.5578

#1	-.000023	.0000344	.1132463	.000090	.0002102	-.001561	.0233852
#2	-.000073	-.000085	.0689601	-.000046	.0006462	-.002290	.0079049
#3	-.000030	.000061	.0623539	-.000053	-.000211	.000074	-.004599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000390	.0476321	.0000056	.0005160	.0909653	.0051372	.0001550
Stddev	.001839	.0169186	.0003385	.0002846	.1270093	.0023719	.0004443
%RSD	471.8466	35.51928	6017.257	55.15406	139.6240	46.17162	286.6171

#1	.001639	.0536831	-.000260	.0007374	-.025447	.0064329	.0000042
#2	-.000863	.0285200	.000387	.0001950	.071922	.0065790	.0006551
#3	-.001946	.0606932	-.000109	.0006157	.226421	.0023996	-.000194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0768070	-.001614	.0044011	.0002570	.0037614	.0039272	-.000101
Stddev	.0461647	.003267	.0004061	.0001968	.0036838	.0001830	.000325
%RSD	60.10481	202.4794	9.227227	76.58274	97.93781	4.658459	320.0900

#1	.0250001	.001894	.0042990	.0001932	.0045429	.0041011	-.000422
#2	.1135832	-.004570	.0048485	.0004779	.0069918	.0037364	.000227
#3	.0918377	-.002165	.0040558	.0001000	-.000250	.0039441	-.000109

Sample Name: CCB02 Acquired: 01/15/2019 14:36:28 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB14458 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013199	.0030305	.0003494
Stddev	.0002322	.0004466	.0000163
%RSD	17.58845	14.73779	4.656537

#1	.0012951	.0025219	.0003581
#2	.0015635	.0032110	.0003306
#3	.0011012	.0033586	.0003593

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.241	2805.954	58083.45	6175.233	4405.426
Stddev	19.963	20.279	241.82	36.525	35.883
%RSD	.7476192	.7227166	.4163304	.5914834	.8145215

#1	2674.716	2826.865	58046.88	6137.650	4445.366
#2	2648.420	2786.372	57862.00	6177.450	4375.906
#3	2687.587	2804.624	58341.47	6210.600	4395.006

Sample Name: J6562-09LX5 Acquired: 01/15/2019 14:40:21 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136621	-.001630	4.108891	-.003727	.0234828	12.29371	.0844001
Stddev	.0016498	.001335	.061501	.003255	.0004582	.09181	.0007354
%RSD	12.07543	81.95224	1.496780	87.34016	1.950993	.7468004	.8713271

#1	.0123514	-.000158	4.047423	-.007411	.0229537	12.20684	.0837494
#2	.0131202	-.001968	4.108825	-.001236	.0237474	12.28452	.0851979
#3	.0155146	-.002763	4.170425	-.002535	.0237471	12.38977	.0842529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006621	.0010519	3.831954	.0255973	.0059953	.4238858	25.06378
Stddev	.0000364	.0000577	.038509	.0004452	.0002449	.0034004	.24758
%RSD	5.496199	5.487523	1.004949	1.739041	4.084851	.8022001	.9877808

#1	.0007012	.0010117	3.792248	.0255583	.0059970	.4272383	24.83171
#2	.0006557	.0010259	3.834473	.0251729	.0062394	.4239795	25.03523
#3	.0006293	.0011180	3.869143	.0260606	.0057496	.4204395	25.32438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1834639	3.120997	.0258534	-.000808	.1549970	.0361997	.1701645
Stddev	.0023026	.112819	.0004207	.000108	.1175702	.0003574	.0044777
%RSD	1.255049	3.614831	1.627389	13.35809	75.85322	.9873944	2.631380

#1	.1826519	3.098670	.0253881	-.000866	.2025753	.0365948	.1669847
#2	.1816773	3.243310	.0259652	-.000875	.2413212	.0361054	.1682238
#3	.1860624	3.021011	.0262070	-.000684	.0210943	.0358988	.1752852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7396128	.7344512	-.033599	.0030186	.2985323	2.690846	.0076702
Stddev	.0548112	.0141537	.000364	.0001400	.0061277	.005436	.0012427
%RSD	7.410803	1.927118	1.084327	4.638991	2.052598	.2020276	16.20154

#1	.6931523	.7234434	-.033188	.0030486	.2914974	2.688016	.0087154
#2	.8000632	.7294932	-.033730	.0028660	.3027065	2.697114	.0062962
#3	.7256228	.7504169	-.033880	.0031412	.3013929	2.687410	.0079990

Sample Name: J6562-09LX5 Acquired: 01/15/2019 14:40:21 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1479705	.0135267	.0152759
Stddev	.0019922	.0014254	.0000760
%RSD	1.346366	10.53783	.4975091

#1	.1470999	.0120551	.0152812
#2	.1465617	.0136240	.0153491
#3	.1502498	.0149009	.0151973

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.142	2943.545	59813.50	6359.430	4588.069
Stddev	68.482	28.160	1099.96	36.521	52.847
%RSD	2.501038	.9566548	1.838984	.5742846	1.151827

#1	2792.547	2970.553	60472.71	6401.030	4638.895
#2	2760.637	2945.721	60424.10	6332.640	4591.901
#3	2661.242	2914.360	58543.68	6344.620	4533.411

Sample Name: J6562-09MS Acquired: 01/15/2019 14:44:13 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8806582	2.240377	20.06074	1.884970	.9588499	57.85103	.6035634
Stddev	.0057108	.012593	.12390	.015192	.0052212	.35215	.0019546
%RSD	.6484719	.5620814	.6176273	.8059565	.5445288	.6087163	.3238367

#1	.8801504	2.230354	19.95345	1.868288	.9555053	57.47142	.6014479
#2	.8752182	2.236266	20.03242	1.888614	.9561781	57.91464	.6053022
#3	.8866060	2.254512	20.19635	1.898009	.9648663	58.16704	.6039402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2039659	.2236468	15.78477	.5483473	.2545605	2.125924	113.0065
Stddev	.0002502	.0012764	.25043	.0010408	.0015428	.004436	.9295
%RSD	.1226481	.5707190	1.586519	.1898095	.6060788	.2086452	.8224971

#1	.2041537	.2226053	15.58271	.5477911	.2531410	2.122535	112.2365
#2	.2036819	.2232644	15.70665	.5477027	.2543379	2.130944	112.7441
#3	.2040621	.2250707	16.06495	.5495480	.2562025	2.124293	114.0390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.021037	14.93232	.6917384	.0729417	3.774882	.4756421	.9467817
Stddev	.013988	.09842	.0049294	.0001502	.067277	.0069919	.0060928
%RSD	1.370019	.6591325	.7126147	.2059313	1.782225	1.469991	.6435270

#1	1.010542	14.90433	.6874934	.0731040	3.701735	.4675689	.9397952
#2	1.015651	14.85092	.6905770	.0728075	3.788798	.4796233	.9495579
#3	1.036918	15.04171	.6971449	.0729136	3.834112	.4797343	.9509919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.09396	9.716128	.1356246	.4556011	1.286213	13.15282	.8550556
Stddev	.09000	.056353	.0006630	.0022495	.007891	.03170	.0075207
%RSD	.6385787	.5799989	.4888318	.4937483	.6135204	.2410004	.8795559

#1	13.99055	9.677750	.1352858	.4540710	1.277347	13.15864	.8496662
#2	14.15463	9.689808	.1363885	.4545483	1.288822	13.11861	.8518532
#3	14.13669	9.780826	.1351995	.4581840	1.292469	13.18120	.8636474

Sample Name: J6562-09MS Acquired: 01/15/2019 14:44:13 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8838488	.2688868	.2766748
Stddev	.0040331	.0006051	.0005865
%RSD	.4563115	.2250436	.2119840

#1	.8802720	.2681922	.2760001
#2	.8830545	.2692993	.2770627
#3	.8882200	.2691690	.2769615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.328	3041.197	62715.09	6616.336	4556.983
Stddev	32.746	10.162	540.29	52.715	17.807
%RSD	1.154118	.3341530	.8614941	.7967387	.3907603

#1	2869.757	3051.296	63191.63	6647.272	4572.063
#2	2837.952	3041.323	62825.52	6646.268	4561.548
#3	2804.274	3030.972	62128.12	6555.469	4537.338

Sample Name: J6562-09MSD Acquired: 01/15/2019 14:47:49 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8614828	2.196768	19.64142	1.838091	.9377555	56.19338	.5833268
Stddev	.0094611	.009483	.11413	.011759	.0034673	1.51257	.0153102
%RSD	1.098239	.4316715	.5810483	.6397622	.3697437	2.691722	2.624629

#1	.8532024	2.189046	19.55604	1.830144	.9364139	54.47494	.5657535
#2	.8594513	2.193906	19.59717	1.832528	.9351596	56.78225	.5904444
#3	.8717946	2.207353	19.77104	1.851599	.9416932	57.32295	.5937825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1991210	.2184591	15.37125	.5377391	.2492647	2.062483	110.2066
Stddev	.0045371	.0011530	.44541	.0008212	.0014123	.054805	2.9369
%RSD	2.278585	.5277814	2.897707	.1527161	.5665824	2.657211	2.664949

#1	.1939092	.2175256	14.88362	.5375473	.2481988	1.999509	106.9818
#2	.2021887	.2181039	15.47345	.5370308	.2487289	2.088555	110.9100
#3	.2012651	.2197480	15.75668	.5386392	.2508665	2.099384	112.7279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9989161	14.54532	.6761477	.0714384	3.729127	.4633964	.9320072
Stddev	.0257274	.33856	.0046455	.0004768	.305861	.0161037	.0040733
%RSD	2.575534	2.327636	.6870554	.6674302	8.201954	3.475151	.4370501

#1	.9700806	14.16288	.6728532	.0717939	3.554628	.4448153	.9277197
#2	1.007146	14.66631	.6741288	.0716248	3.550455	.4720647	.9358258
#3	1.019522	14.80677	.6814611	.0708966	4.082296	.4733092	.9324761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.73599	9.513215	.1342647	.4460018	1.255588	12.84935	.8343499
Stddev	.44662	.053084	.0020649	.0034170	.010039	.25615	.0071200
%RSD	3.251472	.5580026	1.537932	.7661319	.7995154	1.993480	.8533557

#1	13.22314	9.461497	.1322629	.4427008	1.244029	12.55431	.8336490
#2	13.94543	9.510583	.1363874	.4457807	1.262123	13.01487	.8276063
#3	14.03941	9.567567	.1341438	.4495240	1.260612	12.97888	.8417944

Sample Name: J6562-09MSD Acquired: 01/15/2019 14:47:49 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8583720	.2611610	.2680407
Stddev	.0229584	.0070852	.0070301
%RSD	2.674642	2.712959	2.622780

#1	.8329984	.2530964	.2599457
#2	.8644088	.2640013	.2726135
#3	.8777088	.2663854	.2715629

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2859.291	3095.315	63511.79	6727.128	4643.538
Stddev	25.490	15.018	206.79	165.860	21.712
%RSD	.8914628	.4851991	.3256005	2.465533	.4675795

#1	2881.603	3104.503	63626.50	6915.882	4659.727
#2	2831.511	3103.457	63273.07	6604.673	4652.022
#3	2864.758	3077.983	63635.82	6660.828	4618.864

Sample Name: J6562-09A Acquired: 01/15/2019 14:51:24 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8585812	2.189769	19.54078	1.841020	.9366249	56.37503	.5920027
Stddev	.0015276	.006057	.05276	.006701	.0035725	.21579	.0017855
%RSD	.1779169	.2766106	.2699904	.3639896	.3814181	.3827753	.3015989

#1	.8603402	2.195182	19.54200	1.848589	.9387015	56.27917	.5900648
#2	.8578152	2.183227	19.48742	1.835843	.9324999	56.22378	.5923622
#3	.8575882	2.190898	19.59291	1.838627	.9386735	56.62215	.5935810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1979414	.2172470	15.29621	.5304369	.2478629	2.080493	109.2589
Stddev	.0015655	.0004296	.11776	.0032839	.0009682	.016832	.3932
%RSD	.7909054	.1977452	.7698839	.6190857	.3906112	.8090286	.3599175

#1	.1975111	.2169341	15.16919	.5305070	.2481302	2.076474	108.9042
#2	.1966360	.2170701	15.31766	.5336851	.2467891	2.066034	109.1908
#3	.1996771	.2177368	15.40177	.5271185	.2486693	2.098970	109.6817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9912326	14.50039	.6739235	.0707296	3.751661	.4542028	.9194172
Stddev	.0057000	.16966	.0021263	.0003008	.065969	.0033402	.0115823
%RSD	.5750448	1.170072	.3155075	.4252562	1.758406	.7353998	1.259741

#1	.9848085	14.31255	.6747379	.0703927	3.687062	.4517132	.9263689
#2	.9932046	14.54611	.6715104	.0709713	3.749002	.4579988	.9258361
#3	.9956848	14.64252	.6755222	.0708249	3.818920	.4528966	.9060467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.84089	9.468797	.1310313	.4420982	1.257034	12.75164	.8283856
Stddev	.02405	.041737	.0015391	.0020427	.014313	.12016	.0032866
%RSD	.1737381	.4407837	1.174636	.4620584	1.138669	.9423138	.3967494

#1	13.82661	9.512475	.1299698	.4428547	1.265788	12.71352	.8308864
#2	13.86865	9.429319	.1327965	.4397851	1.240516	12.65516	.8246631
#3	13.82741	9.464597	.1303276	.4436547	1.264798	12.88623	.8296074

Sample Name: J6562-09A Acquired: 01/15/2019 14:51:24 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8617062	.2640348	.2713509
Stddev	.0009404	.0027459	.0004330
%RSD	.1091338	1.039984	.1595614

#1	.8606802	.2642584	.2712263
#2	.8625272	.2611839	.2709939
#3	.8619113	.2666621	.2718325

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.376	3106.800	64121.90	6732.721	4650.335
Stddev	48.175	10.705	550.38	37.341	15.819
%RSD	1.669062	.3445810	.8583403	.5546264	.3401755

#1	2851.957	3105.611	63753.87	6732.622	4644.577
#2	2865.738	3118.051	63857.20	6770.112	4668.226
#3	2941.432	3096.739	64754.62	6695.429	4638.200

Sample Name: J6562-12 Acquired: 01/15/2019 14:55:00 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1849510	.0084303	F 170.4870	-.034665	.7709855	84.11381
Stddev	.0038936	.0010113	2.0642	.003787	.0085554	.04970
%RSD	2.105183	11.99576	1.210790	10.92376	1.109666	.0590898

#1	.1823620	.0087160	168.6122	-.032229	.7642915	84.17008
#2	.1830623	.0092681	170.1496	-.039028	.7680406	84.09548
#3	.1894287	.0073070	172.6991	-.032739	.7806243	84.07588

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.950714	.0062405	.0234608	670.4107	.2566393	.1001963
Stddev	.006718	.0000706	.0003224	3.2477	.0005232	.0018887
%RSD	.3443839	1.131999	1.374351	.4844405	.2038790	1.885043

#1	1.956522	.0062965	.0231636	671.0587	.2569235	.0985352
#2	1.952264	.0061611	.0234151	666.8878	.2569590	.0998030
#3	1.943357	.0062637	.0238036	673.2856	.2560355	.1022507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.461132	204.2901	2.857605	399.6441	.2372341	-.007070
Stddev	.002757	.5998	.017146	1.9244	.0038876	.000280
%RSD	.1886783	.2935941	.6000101	.4815197	1.638698	3.959862

#1	1.464239	204.0790	2.858134	400.2253	.2337493	-.007278
#2	1.460179	203.8244	2.840200	397.4962	.2365258	-.007180
#3	1.458979	204.9669	2.874480	401.2110	.2414270	-.006752

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.854066	.4076704	F 36.94821	45.71514	13.62099	-.036562
Stddev	.110749	.0058783	.06741	.10110	.13328	.001140
%RSD	2.281569	1.441934	.1824435	.2211472	.9785020	3.118475

#1	4.777038	.4013622	37.01638	45.82019	13.49480	-.037847
#2	4.980984	.4129947	36.88159	45.61851	13.60781	-.035669
#3	4.804176	.4086543	36.94665	45.70673	13.76038	-.036171

Sample Name: J6562-12 Acquired: 01/15/2019 14:55:00 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118793	19.34343	10.17078	.3140908	9.673613	.1070098
Stddev	.0001081	.21766	.05086	.0026152	.013569	.0015239
%RSD	.9099709	1.125263	.5000258	.8326185	.1402688	1.424074

#1	.0119809	19.13683	10.16338	.3115846	9.689125	.1079253
#2	.0117657	19.32278	10.12403	.3138852	9.663946	.1052506
#3	.0118914	19.57069	10.22493	.3168028	9.667768	.1078533

Elem	Sr4077
Units	ppm
Avg	.3908712
Stddev	.0017289
%RSD	.4423196

#1	.3918183
#2	.3919195
#3	.3888757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.147	2872.573	63218.13	6740.750	3876.322
Stddev	2.859	27.414	245.10	19.826	38.092
%RSD	.1045448	.9543300	.3877060	.2941199	.9826768

#1	2738.430	2893.366	62941.78	6745.391	3910.081
#2	2733.200	2882.846	63409.17	6757.844	3883.861
#3	2733.812	2841.506	63303.45	6719.016	3835.025

Sample Name: J6562-13 Acquired: 01/15/2019 14:58:40 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548983	.0169161	12.08909	-.036920	.0554747	98.59019	2.837447
Stddev	.0022609	.0016152	.02616	.002209	.0006369	.30278	.003534
%RSD	4.118367	9.548353	.2163521	5.983968	1.148076	.3071086	.1245413

#1	.0523335	.0176822	12.05908	-.037362	.0550486	98.27904	2.833368
#2	.0566028	.0180057	12.10115	-.034524	.0562069	98.88383	2.839403
#3	.0557585	.0150604	12.10704	-.038875	.0551687	98.60770	2.839571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044478	.0115977	129.7529	.2261256	.1253862	1.099213	254.8510
Stddev	.0000715	.0001088	.9673	.0005642	.0003632	.002264	1.5254
%RSD	1.607989	.9381492	.7454853	.2494882	.2896851	.2059979	.5985337

#1	.0043901	.0114819	128.9795	.2266248	.1254364	1.096659	253.2611
#2	.0045278	.0116978	130.8375	.2255136	.1250005	1.100974	256.3024
#3	.0044255	.0116133	129.4418	.2262384	.1257217	1.100005	254.9895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.534533	64.88068	.2844211	-.016120	3.491513	.5910900	2.095975
Stddev	.020833	.54403	.0008195	.000101	.186679	.0092357	.004446
%RSD	.8219501	.8385057	.2881144	.6273932	5.346641	1.562479	.2121427

#1	2.513862	64.77628	.2835245	-.016039	3.277216	.5804256	2.092669
#2	2.555523	65.46935	.2851313	-.016233	3.618823	.5964388	2.101030
#3	2.534214	64.39642	.2846075	-.016087	3.578501	.5964055	2.094225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.69054	16.08062	-.403395	.0101632	4.317490	10.09520	.0437327
Stddev	.20751	.05214	.003460	.0000706	.008868	.01957	.0005904
%RSD	.3258108	.3242282	.8577125	.6946743	.2053895	.1939006	1.349922

#1	63.58571	16.02079	-.407149	.0102444	4.308260	10.11776	.0443894
#2	63.92955	16.10476	-.400333	.0101166	4.325944	10.08521	.0435629
#3	63.55635	16.11632	-.402703	.0101286	4.318265	10.08264	.0432459

Sample Name: J6562-13 Acquired: 01/15/2019 14:58:40 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.81744	.0995692	.2266991
Stddev	.03517	.0003899	.0005133
%RSD	.2975778	.3916291	.2264380

#1	11.78712	.1000172	.2264169
#2	11.85599	.0993065	.2263888
#3	11.80920	.0993839	.2272916

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2803.227	3041.798	63298.41	6717.466	4392.891
Stddev	20.749	5.120	236.38	27.258	5.122
%RSD	.7401843	.1683144	.3734400	.4057742	.1166006

#1	2823.089	3047.234	63513.92	6726.830	4398.760
#2	2781.692	3041.093	63045.60	6686.760	4389.321
#3	2804.898	3037.068	63335.73	6738.807	4390.592

Sample Name: J6562-14 Acquired: 01/15/2019 15:02:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910446	-.014082	9.532049	-.053962	.0490181	112.5854
Stddev	.0039625	.001340	.222682	.003312	.0015551	.2975
%RSD	4.352255	9.518380	2.336142	6.137946	3.172407	.2642608

#1	.0874033	-.012595	9.296517	-.055857	.0477645	112.9250
#2	.0952646	-.015199	9.560482	-.050138	.0485317	112.3704
#3	.0904657	-.014451	9.739150	-.055892	.0507583	112.4608

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.083724	.0106275	.0152063	F 1698.888	.3832068	.1202267
Stddev	.001303	.0000822	.0005081	3.773	.0026810	.0033370
%RSD	.1202350	.7729798	3.341392	.2220965	.6996093	2.775594

#1	1.084463	.0105892	.0146236	1698.415	.3828772	.1168752
#2	1.084489	.0105714	.0155572	1702.875	.3807059	.1202557
#3	1.082219	.0107218	.0154380	1695.374	.3860373	.1235490

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.184376	286.7879	6.083215	F 943.9993	.2794809	-.020507
Stddev	.005712	1.3032	.027023	3.4389	.0067121	.000378
%RSD	.4822498	.4544106	.4442176	.3642871	2.401644	1.843479

#1	1.179951	288.1470	6.110778	947.7578	.2724623	-.020236
#2	1.190824	285.5489	6.056767	941.0106	.2801428	-.020345
#3	1.182354	286.6678	6.082099	943.2296	.2858375	-.020939

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.740051	.4141833	2.014524	32.68448	9.000003	-.435250
Stddev	.191066	.0056793	.007372	.01873	.208329	.002528
%RSD	1.961654	1.371207	.3659430	.0573005	2.314767	.5807646

#1	9.524775	.4202917	2.009801	32.69770	8.798204	-.437642
#2	9.805872	.4090627	2.010753	32.66305	8.987505	-.435503
#3	9.889504	.4131955	2.023019	32.69270	9.214299	-.432605

Sample Name: J6562-14 Acquired: 01/15/2019 15:02:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191061	13.78856	8.771994	.1080689	4.720495	.2980248
Stddev	.0007446	.29740	.046961	.0045549	.021747	.0018130
%RSD	3.896999	2.156832	.5353469	4.214782	.4606840	.6083459

#1	.0182464	13.49320	8.806653	.1033831	4.745353	.2998619
#2	.0195346	13.78455	8.718549	.1083431	4.704987	.2979756
#3	.0195373	14.08795	8.790781	.1124805	4.711146	.2962369

Elem	Sr4077
Units	ppm
Avg	1.937375
Stddev	.002202
%RSD	.1136773

#1	1.935151
#2	1.939555
#3	1.937419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.471	2678.765	61140.34	6524.607	3333.707
Stddev	12.070	39.260	211.39	12.116	61.200
%RSD	.4625613	1.465608	.3457499	.1856962	1.835788

#1	2622.927	2716.820	61333.53	6531.604	3397.256
#2	2599.596	2681.073	60914.54	6510.617	3328.700
#3	2605.890	2638.401	61172.96	6531.600	3275.164

Sample Name: J6562-15 Acquired: 01/15/2019 15:06:07 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0649112	-.011826	17.88362	-.055962	.0804816	133.9448
Stddev	.0014845	.002391	.24196	.002071	.0021373	.7520
%RSD	2.286904	20.21712	1.352950	3.700686	2.655588	.5614030

#1	.0645983	-.013453	17.64825	-.056097	.0816145	133.1818
#2	.0636081	-.012943	17.87093	-.057963	.0818139	134.6852
#3	.0665271	-.009081	18.13167	-.053827	.0780164	133.9673

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.134853	.0117230	.0178786	F 863.8361	.6735182	.2063297
Stddev	.001734	.0001687	.0003488	13.3077	.0017455	.0025036
%RSD	.1528074	1.438930	1.951019	1.540538	.2591579	1.213410

#1	1.136737	.0116189	.0178978	850.4333	.6740130	.2040679
#2	1.134499	.0119176	.0175206	877.0467	.6749629	.2059014
#3	1.133323	.0116325	.0182174	864.0284	.6715788	.2090199

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.165264	321.9156	7.024887	340.0830	.4329605	-.019547
Stddev	.011081	4.4157	.140549	4.5099	.0049620	.000765
%RSD	.5117768	1.371684	2.000734	1.326105	1.146070	3.915531

#1	2.154503	317.3334	6.870274	335.2386	.4284371	-.020225
#2	2.176640	326.1433	7.144917	344.1598	.4321765	-.019698
#3	2.164651	322.2700	7.059469	340.8505	.4382678	-.018717

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.92043	.4563852	2.265298	30.35032	9.305486	-.445315
Stddev	.08659	.0026721	.006073	.13001	.107449	.007681
%RSD	.3950412	.5855002	.2681062	.4283509	1.154690	1.724795

#1	21.89457	.4533808	2.272138	30.26226	9.213515	-.443242
#2	22.01701	.4584963	2.260536	30.49963	9.279350	-.453819
#3	21.84971	.4572783	2.263220	30.28906	9.423592	-.438883

Sample Name: J6562-15 Acquired: 01/15/2019 15:06:07 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533111	12.98721	13.15956	.9392634	4.711837	.2487831
Stddev	.0004087	.13360	.14967	.0081878	.029692	.0009090
%RSD	.7665794	1.028720	1.137333	.8717295	.6301619	.3653712

#1	.0528477	12.85924	13.07395	.9330156	4.678521	.2477386
#2	.0536201	12.97659	13.33238	.9362421	4.735505	.2493952
#3	.0534656	13.12581	13.07235	.9485326	4.721485	.2492154

Elem	Sr4077
Units	ppm
Avg	2.623075
Stddev	.012658
%RSD	.4825763

#1	2.637550
#2	2.617593
#3	2.614082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2815.708	2950.171	64545.34	6869.860	3798.789
Stddev	15.875	29.794	102.65	67.601	42.543
%RSD	.5638152	1.009923	.1590394	.9840218	1.119903

#1	2809.833	2978.415	64472.65	6931.690	3836.512
#2	2833.683	2953.063	64662.77	6797.681	3807.179
#3	2803.607	2919.037	64500.60	6880.207	3752.677

Sample Name: J6562-16 Acquired: 01/15/2019 15:09:45 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1096299	.0011663	4.905872	-.023270	.0431707	102.3840
Stddev	.0010114	.0013928	.075825	.000575	.0007554	.4985
%RSD	.9225810	119.4217	1.545586	2.469119	1.749848	.4868963

#1	.1084787	.0003946	4.829175	-.022608	.0432267	102.7155
#2	.1100347	.0003301	4.907649	-.023636	.0438965	101.8107
#3	.1103761	.0027741	4.980793	-.023567	.0423888	102.6258

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7300632	.0112838	.0301723	F 882.8236	.3525480	.0451106
Stddev	.0025502	.0000295	.0006368	5.9687	.0008930	.0011954
%RSD	.3493178	.2613170	2.110424	.6760891	.2532870	2.649952

#1	.7287715	.0112521	.0294862	889.0265	.3516895	.0438270
#2	.7284172	.0112886	.0302863	877.1206	.3524828	.0453129
#3	.7330008	.0113105	.0307443	882.3238	.3534718	.0461920

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5106110	152.8173	2.969711	476.1558	.1678122	-.009976
Stddev	.0039860	1.5244	.034789	3.9341	.0027881	.000312
%RSD	.7806425	.9975476	1.171477	.8262112	1.661419	3.130561

#1	.5120370	154.4802	3.007659	480.5327	.1650013	-.009807
#2	.5136880	151.4860	2.939322	472.9143	.1678586	-.009784
#3	.5061082	152.4857	2.962153	475.0204	.1705768	-.010336

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.265025	.3138430	2.581257	8.430688	10.17779	-.212865
Stddev	.079277	.0057071	.021938	.088952	.15635	.001264
%RSD	1.858762	1.818443	.8499121	1.055104	1.536194	.5938398

#1	4.356554	.3199042	2.560364	8.340077	10.01677	-.214225
#2	4.220481	.3130522	2.579298	8.434104	10.18758	-.211726
#3	4.218038	.3085726	2.604110	8.517883	10.32902	-.212644

Sample Name: J6562-16 Acquired: 01/15/2019 15:09:45 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087900	4.836390	15.53964	.0669363	5.229425	.1462487
Stddev	.0006513	.080299	.10962	.0016355	.028040	.0011871
%RSD	7.409875	1.660317	.7054428	2.443419	.5362053	.8116752

#1	.0080924	4.747420	15.43741	.0650533	5.250585	.1457942
#2	.0093822	4.858265	15.52611	.0677532	5.197622	.1453559
#3	.0088953	4.903485	15.65540	.0680025	5.240069	.1475958

Elem	Sr4077
Units	ppm
Avg	.8295262
Stddev	.0042902
%RSD	.5171904

#1	.8252905
#2	.8294192
#3	.8338689

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.917	2744.193	60539.67	6443.155	3672.188
Stddev	25.418	21.796	380.88	42.906	44.347
%RSD	.9581113	.7942554	.6291336	.6659110	1.207648

#1	2672.875	2764.551	60848.18	6476.338	3717.596
#2	2661.574	2746.830	60656.85	6458.425	3669.985
#3	2624.301	2721.199	60113.97	6394.704	3628.984

Sample Name: J6562-17 Acquired: 01/15/2019 15:13:25 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0428078	-.003765	4.673806	-.019634	.0179015	92.06550	.6371683
Stddev	.0028973	.002064	.044698	.005632	.0028295	.64057	.0014762
%RSD	6.768207	54.80719	.9563559	28.68386	15.80613	.6957735	.2316797

#1	.0426910	-.005879	4.643163	-.020619	.0200121	92.28699	.6354781
#2	.0399707	-.003663	4.653160	-.024708	.0146863	91.34358	.6382048
#3	.0457618	-.001755	4.725096	-.013575	.0190061	92.56592	.6378219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050569	.0062727	362.2032	.1709023	.0361479	1.116821	117.9533
Stddev	.0000537	.0001616	5.2963	.0016618	.0002018	.008741	2.0172
%RSD	1.061151	2.575443	1.462237	.9723474	.5581870	.7826950	1.710180

#1	.0050414	.0060875	364.5915	.1711901	.0362035	1.125729	118.8822
#2	.0050126	.0063844	356.1333	.1691154	.0359241	1.108257	115.6390
#3	.0051166	.0063462	365.8847	.1724013	.0363160	1.116477	119.3387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.429124	45.71357	.1031868	-.005375	3.164665	.1899447	1.219337
Stddev	.027790	.85661	.0014536	.000406	.144830	.0055069	.008212
%RSD	1.944571	1.873870	1.408760	7.553194	4.576481	2.899228	.6735142

#1	1.445642	45.95989	.1020673	-.005605	3.075953	.1949217	1.218653
#2	1.397039	44.76079	.1026633	-.005614	3.331795	.1840286	1.227870
#3	1.444690	46.42005	.1048297	-.004906	3.086247	.1908837	1.211488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.678646	6.443251	-.134403	.0053872	5.682290	17.72214	.1287261
Stddev	.057362	.049845	.003346	.0001299	.070468	.19086	.0016068
%RSD	.8588893	.7735932	2.489856	2.411831	1.240140	1.076970	1.248213

#1	6.612849	6.404086	-.135337	.0052407	5.647883	17.67293	.1271775
#2	6.718139	6.426309	-.130688	.0054322	5.635635	17.56070	.1286155
#3	6.704951	6.499358	-.137183	.0054886	5.763352	17.93278	.1303853

Sample Name: J6562-17 Acquired: 01/15/2019 15:13:25 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.453824	.0827869	1.911595
Stddev	.013369	.0010873	.005733
%RSD	.9195837	1.313340	.2999083

#1	1.464738	.0819466	1.906081
#2	1.438912	.0840149	1.917524
#3	1.457822	.0823993	1.911179

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.159	2967.613	63184.80	6666.571	4312.231
Stddev	35.860	14.886	185.63	28.032	26.973
%RSD	1.277918	.5016151	.2937928	.4204821	.6255093

#1	2788.343	2981.069	62971.48	6662.795	4333.510
#2	2782.695	2970.148	63309.66	6696.299	4321.289
#3	2847.438	2951.623	63273.25	6640.618	4281.895

Sample Name: CCV03 Acquired: 01/15/2019 15:31:47 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.133554	5.211849	5.073462	5.087092	5.218861	9.541679	9.780010
Stddev	.055759	.057937	.049754	.062336	.055699	.498427	.495452
%RSD	1.086177	1.111643	.9806725	1.225385	1.067266	5.223681	5.065966

#1	5.071547	5.146203	5.019766	5.023053	5.156594	8.966963	9.209932
#2	5.149542	5.233507	5.082618	5.090649	5.236050	9.802480	10.02344
#3	5.179574	5.255837	5.118003	5.147574	5.263940	9.855594	10.10666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2334221	2.473017	23.54575	.9812329	2.540676	1.194067	5.175413
Stddev	.0104873	.026348	1.22110	.0041966	.025940	.063762	.259864
%RSD	4.492871	1.065427	5.186063	.4276836	1.020996	5.339864	5.021121

#1	.2213518	2.447673	22.13643	.9808654	2.511656	1.120480	4.875474
#2	.2403027	2.471112	24.21236	.9772321	2.548762	1.228805	5.332893
#3	.2386118	2.500266	24.28845	.9856011	2.561611	1.232916	5.317873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.361548	23.00804	2.575503	1.196399	23.64504	2.384941	2.671077
Stddev	.105827	1.18832	.026850	.006411	1.21300	.117923	.014417
%RSD	4.481246	5.164798	1.042534	.5358178	5.130042	4.944470	.5397275

#1	2.239452	21.64216	2.546302	1.195269	22.27992	2.249136	2.655908
#2	2.418266	23.57752	2.581079	1.190628	24.05612	2.444265	2.672722
#3	2.426926	23.80444	2.599128	1.203299	24.59908	2.461422	2.684600

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.89116	5.193491	4.596435	5.027582	5.025865	4.617607	5.059855
Stddev	1.27391	.057014	.197881	.054948	.057128	.205241	.050077
%RSD	5.117932	1.097805	4.305088	1.092924	1.136670	4.444748	.9896897

#1	23.42147	5.133459	4.368288	4.967025	4.971168	4.381224	5.005739
#2	25.57235	5.200100	4.721386	5.041461	5.021281	4.750505	5.069271
#3	25.67965	5.246912	4.699632	5.074259	5.085147	4.721092	5.104556

Sample Name: CCV03 Acquired: 01/15/2019 15:31:47 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.755068	4.786748	4.729198
Stddev	.231205	.243081	.246589
%RSD	4.862291	5.078198	5.214181

#1	4.488358	4.508060	4.444463
#2	4.878171	4.897141	4.871060
#3	4.898675	4.955042	4.872072

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.111	2865.797	59497.64	6406.860	4450.509
Stddev	11.504	16.873	149.49	286.646	26.864
%RSD	.4290648	.5887764	.2512554	4.474050	.6036155

#1	2693.093	2883.954	59568.24	6736.651	4477.756
#2	2680.085	2862.840	59598.75	6217.588	4449.727
#3	2670.155	2850.598	59325.92	6266.340	4424.045

Sample Name: CCB03 Acquired: 01/15/2019 15:35:17 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012700	.0008048	.0029503	.0007302	.0002340	-.003396	.0004968
Stddev	.0034312	.0013843	.0007089	.0022703	.0001555	.005839	.0003718
%RSD	270.1689	172.0052	24.03010	310.9100	66.45709	171.9208	74.83841

#1	.0046632	-.000215	.0021418	.0033333	.0002195	.002816	.0000701
#2	.0013447	.002381	.0034661	-.000841	.0003962	-.008771	.0007509
#3	-.002198	.000248	.0032428	-.000302	.0000862	-.004234	.0006693

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000065	.0003184	.0136566	.0003378	.0006192	-.000489	.0168328
Stddev	.0000490	.0000611	.0150957	.0001516	.0001645	.001163	.0146672
%RSD	758.5546	19.20376	110.5378	44.88840	26.56860	237.9551	87.13495

#1	.0000581	.0003872	.0047802	.0003884	.0008051	-.001613	-.000011
#2	.0000006	.0002701	.0310866	.0001673	.0005599	.000710	.023728
#3	-.000039	.0002979	.0051029	.0004576	.0004925	-.000563	.026782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000720	.0363214	.0000399	.0007049	.0143053	.0046336	.0010024
Stddev	.001323	.0532289	.0002370	.0000975	.1982541	.0061670	.0004579
%RSD	183.6407	146.5497	593.3509	13.83089	1385.879	133.0915	45.68075

#1	-.002140	.0791839	-.000191	.0007778	.0991431	.0082917	.0013108
#2	.000476	-.023260	.000028	.0007429	.1560238	-.002486	.0004763
#3	-.000497	.053040	.000283	.0005942	-.212251	.008096	.0012202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722943	.0008978	.0089163	.0007145	.0026318	.0064311	.0008083
Stddev	.0067436	.0025325	.0013841	.0000529	.0016713	.0009681	.0001936
%RSD	9.328033	282.0934	15.52317	7.402362	63.50560	15.05369	23.94820

#1	.0789319	-.001693	.0097712	.0007618	.0027979	.0072761	.0009070
#2	.0654494	.003367	.0096582	.0006574	.0008836	.0066425	.0009326
#3	.0725014	.001019	.0073194	.0007242	.0042138	.0053748	.0005853

Sample Name: CCB03 Acquired: 01/15/2019 15:35:17 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012942	.0047925	.0007953
Stddev	.0002973	.0006890	.0001009
%RSD	22.97067	14.37731	12.68856

#1	.0010783	.0045169	.0008978
#2	.0016332	.0042839	.0007921
#3	.0011710	.0055766	.0006961

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.653	2869.730	58046.18	6234.137	4484.799
Stddev	6.752	15.123	340.08	52.962	24.013
%RSD	.2553093	.5269765	.5858830	.8495424	.5354317

#1	2651.793	2882.061	58081.75	6294.930	4501.899
#2	2643.796	2874.273	58367.08	6197.990	4495.152
#3	2638.371	2852.857	57689.71	6209.490	4457.346

Sample Name: J6562-18 Acquired: 01/15/2019 15:39:09 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519922	-.002845	3.725052	-.019660	.0303157	64.86775	.5535089
Stddev	.0018664	.002041	.062459	.000674	.0008649	.17049	.0012315
%RSD	3.589688	71.74383	1.676733	3.429044	2.853147	.2628280	.2224930

#1	.0499678	-.000732	3.665970	-.020383	.0293343	64.99325	.5532008
#2	.0536445	-.002998	3.718772	-.019048	.0309668	64.67365	.5524606
#3	.0523641	-.004805	3.790414	-.019549	.0306461	64.93636	.5548652

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063780	.0055679	60.85184	.1971229	.0405383	.3800036	136.4308
Stddev	.0001410	.0001375	.36607	.0008148	.0005952	.0058032	.7161
%RSD	2.209919	2.469136	.6015825	.4133670	1.468369	1.527139	.5249083

#1	.0062166	.0054283	61.22815	.1962341	.0402094	.3866734	136.8768
#2	.0064769	.0055724	60.49694	.1973001	.0401800	.3772275	135.6048
#3	.0064406	.0057031	60.83042	.1978347	.0412254	.3761098	136.8109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.552186	26.26062	.1212432	-.006878	1.068764	.2791514	.9573578
Stddev	.009462	.04711	.0019230	.000285	.105557	.0012589	.0091740
%RSD	.6095910	.1793763	1.586046	4.138430	9.876510	.4509587	.9582640

#1	1.555508	26.27731	.1199531	-.007204	1.129594	.2802489	.9468766
#2	1.541511	26.29711	.1203232	-.006677	.946878	.2794280	.9639290
#3	1.559538	26.20745	.1234534	-.006753	1.129819	.2777772	.9612679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88693	10.03680	-.177226	.0086433	7.118402	12.17161	.0464155
Stddev	.03955	.15145	.000902	.0001541	.124583	.03852	.0008801
%RSD	.3633207	1.508986	.5088796	1.783014	1.750151	.3164418	1.896149

#1	10.92641	9.90152	-.178180	.0087765	6.994122	12.21168	.0453999
#2	10.84730	10.00846	-.177111	.0086789	7.117797	12.13487	.0469544
#3	10.88708	10.20042	-.176387	.0084745	7.243285	12.16826	.0468922

Sample Name: J6562-18 Acquired: 01/15/2019 15:39:09 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.047538	.0808835	.3252477
Stddev	.006653	.0006809	.0011781
%RSD	.6350870	.8418575	.3622152

#1	1.051619	.0804436	.3246886
#2	1.039861	.0805392	.3244533
#3	1.051135	.0816678	.3266013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.331	3000.433	62679.73	6707.147	4407.585
Stddev	12.997	44.777	241.85	17.876	66.500
%RSD	.4632965	1.492352	.3858488	.2665282	1.508761

#1	2820.119	3040.610	62802.48	6686.976	4470.652
#2	2800.155	3008.529	62835.58	6721.027	4413.986
#3	2795.720	2952.160	62401.12	6713.440	4338.115

Sample Name: J6562-19 Acquired: 01/15/2019 15:42:53 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517916	-.002959	1.631702	-.012743	.0119585	70.39708	.4745510
Stddev	.0016451	.002533	.030645	.002001	.0004765	.06668	.0015351
%RSD	3.176308	85.61552	1.878107	15.70014	3.984581	.0947234	.3234899

#1	.0536149	-.001263	1.602409	-.010912	.0118690	70.32267	.4756871
#2	.0513415	-.001742	1.629156	-.012439	.0115331	70.41711	.4728045
#3	.0504185	-.005870	1.663540	-.014878	.0124734	70.45145	.4751612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050885	.0021979	5.395891	.1076228	.0241756	.1604411	113.4181
Stddev	.0000955	.0001289	.021403	.0006191	.0002903	.0020945	.3431
%RSD	1.876413	5.863743	.3966451	.5752221	1.200680	1.305449	.3025213

#1	.0049876	.0020551	5.414544	.1083312	.0239204	.1589611	113.5686
#2	.0051005	.0023057	5.372525	.1073509	.0241151	.1628376	113.0255
#3	.0051774	.0022329	5.400603	.1071861	.0244914	.1595246	113.6603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.250727	8.768139	.0660092	-.005751	.4429407	.1998862	.4207652
Stddev	.002542	.041752	.0012217	.000408	.3588954	.0060356	.0028832
%RSD	.2032616	.4761771	1.850828	7.095149	81.02560	3.019516	.6852340

#1	1.250333	8.741226	.0646875	-.005393	.3807163	.1929317	.4175337
#2	1.248405	8.746955	.0662430	-.005663	.8288795	.2037559	.4216876
#3	1.253444	8.816236	.0670972	-.006195	.1192262	.2029712	.4230744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.690137	13.59198	-.167576	.0050280	1.131490	11.54181	.0295141
Stddev	.027027	.21505	.003289	.0002810	.022180	.11130	.0003739
%RSD	.7324184	1.582156	1.962518	5.588655	1.960203	.9643470	1.266945

#1	3.659301	13.39414	-.166790	.0048501	1.118019	11.48865	.0290907
#2	3.701393	13.56093	-.164752	.0048819	1.119362	11.46704	.0296525
#3	3.709716	13.82086	-.171187	.0053519	1.157089	11.66972	.0297991

Sample Name: J6562-19 Acquired: 01/15/2019 15:42:53 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5613612	.0521609	.0459005
Stddev	.0026269	.0007045	.0004666
%RSD	.4679590	1.350666	1.016633

#1	.5634140	.0523763	.0454568
#2	.5584008	.0513738	.0463872
#3	.5622689	.0527326	.0458575

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.098	3005.573	62371.92	6604.802	4545.340
Stddev	17.320	34.217	236.80	35.719	57.423
%RSD	.6143782	1.138438	.3796567	.5407973	1.263335

#1	2837.186	3034.602	62545.50	6645.402	4596.232
#2	2802.664	3014.270	62102.17	6590.788	4556.703
#3	2817.444	2967.847	62468.10	6578.215	4483.085

Sample Name: J6562-20 Acquired: 01/15/2019 15:46:38 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549062	-.000003	3.550740	-.010228	.0660246	44.06600	.4551059
Stddev	.0020856	.000588	.010760	.002827	.0010299	.20460	.0013058
%RSD	3.798525	17635.35	.3030304	27.63941	1.559868	.4643094	.2869205

#1	.0524988	-.000237	3.541173	-.012545	.0667572	43.88128	.4566028
#2	.0561659	-.000439	3.548659	-.011060	.0664695	44.03081	.4542012
#3	.0560540	.000666	3.562389	-.007078	.0648470	44.28592	.4545136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035199	.0038749	23.36182	.1184652	.0223967	.2849293	90.24193
Stddev	.0000245	.0000984	.28903	.0005389	.0003256	.0041489	.78285
%RSD	.6969010	2.540774	1.237170	.4548853	1.453688	1.456108	.8675019

#1	.0035252	.0039679	23.06560	.1178786	.0220244	.2890102	89.60725
#2	.0035413	.0038851	23.37681	.1185790	.0225375	.2850620	90.00182
#3	.0034931	.0037718	23.64306	.1189382	.0226282	.2807156	91.11671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.440944	11.02685	.0879657	-.003398	.4824164	.2611156	.5809212
Stddev	.025578	.23388	.0001697	.000433	.2109513	.0029774	.0029160
%RSD	1.775108	2.121011	.1929077	12.73578	43.72805	1.140256	.5019562

#1	1.425418	10.80567	.0877788	-.003848	.6439651	.2643618	.5829485
#2	1.426948	11.00323	.0881102	-.002985	.5595248	.2604730	.5822358
#3	1.470466	11.27164	.0880081	-.003360	.2437593	.2585120	.5775794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.817137	6.750697	-.121660	.0126481	4.857243	9.451953	.0390752
Stddev	.059925	.025893	.002717	.0003281	.009900	.029041	.0012841
%RSD	1.569882	.3835597	2.233136	2.594015	.2038157	.3072519	3.286300

#1	3.877171	6.735016	-.118659	.0128717	4.855634	9.419960	.0389031
#2	3.757322	6.736491	-.123953	.0122714	4.848246	9.459246	.0404366
#3	3.816917	6.780583	-.122368	.0128011	4.867849	9.476652	.0378857

Sample Name: J6562-20 Acquired: 01/15/2019 15:46:38 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6926087	.0348935	.0953808
Stddev	.0063377	.0010002	.0002486
%RSD	.9150551	2.866402	.2606726

#1	.6852906	.0337925	.0956183
#2	.6962991	.0357460	.0954018
#3	.6962364	.0351419	.0951224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.075	3078.952	63103.12	6657.160	4701.906
Stddev	17.054	6.776	185.29	14.229	9.656
%RSD	.6002578	.2200911	.2936359	.2137413	.2053695

#1	2825.519	3086.041	62981.54	6664.079	4712.927
#2	2838.397	3078.278	63011.44	6640.795	4694.930
#3	2859.309	3072.538	63316.38	6666.607	4697.861

Sample Name: J6563-04 Acquired: 01/15/2019 15:50:23 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444573	-.003434	9.254569	-.015003	.0339496	57.78941	.5779640
Stddev	.0034204	.001101	.111214	.001612	.0013318	.17165	.0018742
%RSD	7.693766	32.06302	1.201716	10.74454	3.922895	.2970279	.3242802

#1	.0431186	-.002557	9.175981	-.015337	.0354864	57.74379	.5760588
#2	.0419087	-.003076	9.205906	-.013251	.0332304	57.64518	.5780276
#3	.0483446	-.004670	9.381820	-.016423	.0331321	57.97926	.5798056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043216	.0092414	30.12844	.1553948	.0296287	.7011762	123.5914
Stddev	.0000708	.0002059	.27399	.0005279	.0004533	.0028027	.9232
%RSD	1.637516	2.228494	.9094002	.3396974	1.529987	.3997123	.7470102

#1	.0043768	.0090527	30.32885	.1551100	.0296311	.6980176	124.3515
#2	.0042418	.0092105	29.81623	.1550705	.0291741	.7033660	122.5640
#3	.0043462	.0094611	30.24024	.1560039	.0300808	.7021449	123.8588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.533930	17.48512	.1087855	-.005311	.7932174	.2319065	1.438622
Stddev	.010601	.11722	.0013312	.000058	.2377305	.0062012	.015168
%RSD	.6911119	.6704084	1.223728	1.097431	29.97040	2.674021	1.054314

#1	1.541848	17.52012	.1080318	-.005296	.5865221	.2328593	1.426483
#2	1.521886	17.35439	.1080022	-.005261	1.053005	.2252840	1.433757
#3	1.538056	17.58086	.1103226	-.005375	.740125	.2375762	1.455625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.945341	9.993766	-.187405	.0085648	3.975106	14.86352	.2127071
Stddev	.014031	.132358	.001305	.0002610	.067649	.04615	.0020055
%RSD	.4763650	1.324404	.6961994	3.047451	1.701828	.3104976	.9428518

#1	2.929174	9.899989	-.186938	.0084374	3.921130	14.87651	.2105783
#2	2.952516	9.936142	-.186398	.0083920	3.953193	14.81227	.2129819
#3	2.954334	10.14517	-.188879	.0088651	4.050996	14.90179	.2145610

Sample Name: J6563-04 Acquired: 01/15/2019 15:50:23 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7857413	.0485071	.0782937
Stddev	.0058688	.0021136	.0000626
%RSD	.7469079	4.357228	.0799684

#1	.7866181	.0464761	.0783109
#2	.7794835	.0483506	.0783458
#3	.7911223	.0506945	.0782242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2826.636	3022.022	62671.23	6674.167	4545.557
Stddev	18.839	22.548	153.21	15.524	34.166
%RSD	.6664969	.7461189	.2444741	.2326049	.7516443

#1	2844.350	3041.333	62649.36	6657.271	4568.915
#2	2828.715	3027.491	62834.21	6677.428	4561.413
#3	2806.843	2997.243	62530.13	6687.802	4506.344

Sample Name: J6563-04DUP Acquired: 01/15/2019 15:54:08 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463206	-.003258	9.345466	-.015079	.0314220	59.30691	.5906574
Stddev	.0016937	.000590	.037985	.001197	.0013174	.07779	.0000937
%RSD	3.656560	18.10497	.4064559	7.940410	4.192499	.1311667	.0158619

#1	.0465091	-.003460	9.316661	-.016373	.0308687	59.23427	.5905518
#2	.0445405	-.003721	9.331224	-.014010	.0304714	59.29747	.5907307
#3	.0479122	-.002594	9.388514	-.014854	.0329257	59.38899	.5906896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045359	.0094290	29.01094	.1569842	.0300167	.7177020	128.7459
Stddev	.0000557	.0001402	.09595	.0011354	.0002330	.0038466	.4387
%RSD	1.227600	1.486967	.3307498	.7232770	.7763744	.5359621	.3407275

#1	.0045978	.0093217	28.96389	.1557137	.0299589	.7133489	129.2519
#2	.0045199	.0093776	29.12133	.1573389	.0298180	.7206431	128.5129
#3	.0044900	.0095876	28.94759	.1578999	.0302732	.7191138	128.4728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.572205	16.86113	.1098134	-.005484	.9521476	.2445696	1.470189
Stddev	.013079	.14229	.0008146	.000377	.1256770	.0090895	.008102
%RSD	.8318628	.8438688	.7417894	6.872984	13.19931	3.716539	.5510794

#1	1.577180	16.88904	.1089176	-.005312	1.073515	.2549056	1.461326
#2	1.582067	16.70696	.1100128	-.005224	.960363	.2409811	1.472029
#3	1.557369	16.98739	.1105098	-.005917	.822564	.2378221	1.477213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.086618	10.07588	-.198562	.0087006	3.974393	15.40011	.2423641
Stddev	.031127	.04699	.002446	.0003959	.025031	.09457	.0012390
%RSD	1.008455	.4663983	1.231803	4.550690	.6298177	.6140927	.5111998

#1	3.106662	10.03633	-.200193	.0083261	3.958861	15.33553	.2412891
#2	3.102433	10.06347	-.195750	.0086606	3.961049	15.50866	.2420842
#3	3.050758	10.12783	-.199744	.0091150	4.003269	15.35614	.2437191

Sample Name: J6563-04DUP Acquired: 01/15/2019 15:54:08 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8059817	.0494350	.0800047
Stddev	.0030326	.0014337	.0003430
%RSD	.3762648	2.900117	.4287513

#1	.8053098	.0478451	.0796401
#2	.8033413	.0506295	.0803210
#3	.8092939	.0498303	.0800531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.638	3018.458	61827.42	6508.805	4528.921
Stddev	7.878	10.838	149.60	43.450	19.253
%RSD	.2826103	.3590528	.2419586	.6675584	.4251039

#1	2793.728	3024.693	61820.18	6512.605	4545.285
#2	2790.446	3024.738	61980.51	6463.579	4533.771
#3	2778.740	3005.944	61681.58	6550.230	4507.707

Sample Name: J6563-04LX5 Acquired: 01/15/2019 15:57:52 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121192	.0004517	1.822016	-.002878	.0059055	12.56524	.1255562
Stddev	.0005117	.0011288	.017932	.000901	.0023198	.08535	.0006616
%RSD	4.222245	249.9176	.9841828	31.30598	39.28186	.6792816	.5269242

#1	.0115654	-.000633	1.834730	-.002219	.0055861	12.64401	.1262363
#2	.0125744	.001620	1.801506	-.003905	.0083684	12.57715	.1249148
#3	.0122177	.000368	1.829813	-.002510	.0037619	12.47455	.1255174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009241	.0017535	6.357378	.0334138	.0056732	.1527726	27.24599
Stddev	.0000514	.0001295	.020871	.0006294	.0002923	.0046318	.24041
%RSD	5.560629	7.382732	.3282931	1.883592	5.152871	3.031823	.8823577

#1	.0009522	.0019026	6.379025	.0340923	.0054973	.1568560	27.49713
#2	.0009553	.0016702	6.355729	.0333001	.0055117	.1537223	27.01799
#3	.0008648	.0016877	6.337381	.0328490	.0060107	.1477396	27.22284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3348891	3.714647	.0210523	-.000645	.0834265	.0535999	.3141891
Stddev	.0036955	.023254	.0004449	.000622	.2344627	.0039166	.0055199
%RSD	1.103501	.6260046	2.113498	96.40446	281.0411	7.307106	1.756883

#1	.3388729	3.741216	.0213402	-.001348	.3516481	.0516388	.3186623
#2	.3342216	3.704725	.0205398	-.000422	-.018815	.0581096	.3158847
#3	.3315729	3.697999	.0212768	-.000166	-.082554	.0510512	.3080203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7605370	1.984312	-.041426	.0016744	.7879408	3.073672	.0427675
Stddev	.0726947	.018953	.000318	.0001703	.0043099	.018688	.0001781
%RSD	9.558334	.9551609	.7672507	10.16976	.5469841	.6080116	.4163997

#1	.8338897	1.998550	-.041655	.0017235	.7927184	3.094530	.0426669
#2	.6885187	1.962799	-.041561	.0014850	.7843453	3.068035	.0429732
#3	.7592026	1.991587	-.041063	.0018149	.7867587	3.058451	.0426626

Sample Name: J6563-04LX5 Acquired: 01/15/2019 15:57:52 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1705168	.0107318	.0172054
Stddev	.0031559	.0013214	.0000845
%RSD	1.850792	12.31283	.4910008

#1	.1704228	.0122320	.0172355
#2	.1737186	.0097406	.0172707
#3	.1674089	.0102230	.0171100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2704.599	3091.017	59340.05	6165.393	4800.857
Stddev	43.512	28.235	843.11	38.453	37.989
%RSD	1.608819	.9134632	1.420814	.6236963	.7912946

#1	2659.999	3061.434	58499.28	6121.080	4762.103
#2	2706.863	3117.678	59335.40	6185.120	4838.032
#3	2746.935	3093.937	60185.48	6189.980	4802.437

Sample Name: J6563-05 Acquired: 01/15/2019 16:01:41 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9686007	2.462153	10.08064	2.099069	.9651837	58.66723	.8022277
Stddev	.0105917	.021361	.07566	.012724	.0053424	.30695	.0017058
%RSD	1.093505	.8675607	.7505875	.6061771	.5535084	.5231977	.2126273

#1	.9581904	2.437495	9.99337	2.084749	.9590853	58.90891	.8041909
#2	.9793649	2.475002	10.12067	2.103379	.9690377	58.32187	.8011084
#3	.9682469	2.473962	10.12789	2.109078	.9674283	58.77091	.8013838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2209783	.2417871	29.83579	.6210283	.2757803	1.047395	123.8306
Stddev	.0014213	.0022246	.32910	.0020301	.0017172	.006765	1.3166
%RSD	.6431874	.9200786	1.103024	.3268911	.6226694	.6458601	1.063234

#1	.2208499	.2392228	30.09868	.6187082	.2738586	1.055088	125.0749
#2	.2196256	.2429381	29.46671	.6218983	.2763180	1.044721	122.4520
#3	.2224595	.2432004	29.94198	.6224783	.2771643	1.042377	123.9650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.712765	19.01396	.7323430	.0786965	4.398346	.5815858	1.621043
Stddev	.020325	.22195	.0048428	.0002818	.118767	.0090184	.005934
%RSD	1.186687	1.167322	.6612791	.3581254	2.700269	1.550652	.3660737

#1	1.728292	19.20959	.7267586	.0784844	4.412762	.5891290	1.623416
#2	1.689760	18.77276	.7353889	.0790163	4.509247	.5715968	1.625423
#3	1.720243	19.05955	.7348814	.0785887	4.273029	.5840317	1.614290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85528	16.59680	.1356421	.4820876	3.805320	15.06368	1.083956
Stddev	.07246	.14086	.0020459	.0030007	.033501	.11244	.009691
%RSD	.4877939	.8487046	1.508321	.6224433	.8803831	.7464316	.8940222

#1	14.93365	16.43443	.1378344	.4786266	3.766710	15.00021	1.072938
#2	14.79071	16.66984	.1337836	.4836747	3.822550	14.99732	1.087774
#3	14.84149	16.68614	.1353083	.4839615	3.826699	15.19350	1.091157

Sample Name: J6563-05 Acquired: 01/15/2019 16:01:41 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9990996	.2820396	.3016710
Stddev	.0049701	.0007091	.0012160
%RSD	.4974606	.2514339	.4030796

#1	1.003305	.2827856	.3012011
#2	.993615	.2819591	.3030518
#3	1.000379	.2813742	.3007600

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.548	3092.076	63584.83	6721.286	4634.373
Stddev	8.123	16.161	357.53	53.088	28.678
%RSD	.2833706	.5226686	.5622827	.7898421	.6188109

#1	2866.589	3110.653	63982.10	6759.952	4667.068
#2	2858.405	3084.326	63483.43	6743.147	4622.574
#3	2874.651	3081.250	63288.96	6660.758	4613.477

Sample Name: J6563-06 Acquired: 01/15/2019 16:05:12 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.025830	2.610169	10.67831	2.216205	1.020296	59.54892	.8168565
Stddev	.019886	.053402	.24463	.041768	.019541	.48322	.0060939
%RSD	1.938528	2.045923	2.290920	1.884649	1.915233	.8114620	.7460226

#1	1.005607	2.557262	10.43938	2.177018	1.000007	59.61114	.8193034
#2	1.026521	2.609194	10.66727	2.211450	1.021889	59.03760	.8099195
#3	1.045361	2.664053	10.92827	2.260147	1.038991	59.99800	.8213468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246825	.2562074	30.17690	.6406075	.2922426	1.056569	124.9604
Stddev	.0012334	.0062062	.28145	.0056873	.0064248	.007464	1.2738
%RSD	.5489631	2.422343	.9326668	.8878049	2.198454	.7064126	1.019355

#1	.2260785	.2500335	30.19258	.6367304	.2859048	1.062719	124.5371
#2	.2242289	.2561432	29.88794	.6379556	.2920721	1.048265	123.9522
#3	.2237401	.2624454	30.45018	.6471365	.2987510	1.058723	126.3920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.731881	19.05287	.7761915	.0814752	4.410388	.5846467	1.676768
Stddev	.014390	.18901	.0175764	.0002540	.042725	.0031860	.004081
%RSD	.8309146	.9920348	2.264447	.3117689	.9687425	.5449460	.2434119

#1	1.734223	19.00937	.7597899	.0816603	4.361312	.5815251	1.672079
#2	1.716463	18.88940	.7740397	.0811856	4.430556	.5845214	1.678695
#3	1.744956	19.25983	.7947447	.0815799	4.439297	.5878934	1.679529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12621	17.59961	.1351469	.5090119	4.024109	15.33609	1.148431
Stddev	.09386	.35725	.0032058	.0099142	.086937	.04159	.026685
%RSD	.6204954	2.029881	2.372053	1.947729	2.160412	.2711660	2.323590

#1	15.23174	17.24566	.1388396	.4993350	3.941951	15.37662	1.121158
#2	15.05206	17.59310	.1335236	.5085531	4.015232	15.33813	1.149647
#3	15.09484	17.96007	.1330775	.5191474	4.115144	15.29352	1.174486

Sample Name: J6563-06 Acquired: 01/15/2019 16:05:12 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.012888	.2861678	.3054684
Stddev	.008877	.0029279	.0018596
%RSD	.8763791	1.023149	.6087832

#1	1.010794	.2864152	.3066095
#2	1.005245	.2831240	.3033226
#3	1.022624	.2889642	.3064732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.033	2944.583	62123.65	6664.868	4407.954
Stddev	7.104	49.796	147.36	49.506	84.818
%RSD	.2541499	1.691096	.2372030	.7427961	1.924214

#1	2788.613	2992.219	62051.79	6609.604	4490.287
#2	2793.821	2948.653	62293.15	6679.841	4412.723
#3	2802.664	2892.878	62026.00	6705.160	4320.851

Sample Name: J6563-04A Acquired: 01/15/2019 16:08:45 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9974260	2.531378	10.38980	2.164251	.9967351	58.93188	.8055394
Stddev	.0138606	.030633	.14847	.027276	.0107300	.27616	.0043787
%RSD	1.389639	1.210126	1.429000	1.260311	1.076512	.4686071	.5435804

#1	.9865943	2.507409	10.25991	2.142048	.9881476	59.00271	.8090639
#2	.9926379	2.520835	10.35785	2.156006	.9932942	59.16573	.8069167
#3	1.013046	2.565890	10.55165	2.194698	1.008763	58.62721	.8006376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2223705	.2490949	30.00698	.6315137	.2840513	1.046217	124.4121
Stddev	.0006767	.0035627	.28293	.0141004	.0038631	.009647	.8808
%RSD	.3043127	1.430254	.9428665	2.232798	1.359992	.9221315	.7079987

#1	.2215959	.2458278	29.87199	.6162046	.2803666	1.050234	124.4147
#2	.2228467	.2485634	30.33212	.6439688	.2837163	1.053206	125.2916
#3	.2226689	.2528934	29.81684	.6343676	.2880709	1.035210	123.5300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.719611	18.92416	.7539599	.0804472	4.314970	.5801597	1.653320
Stddev	.014889	.24083	.0096095	.0015679	.111480	.0056413	.034428
%RSD	.8658090	1.272611	1.274544	1.948983	2.583575	.9723776	2.082352

#1	1.716521	18.67409	.7447334	.0791506	4.193496	.5862416	1.615555
#2	1.735803	19.15455	.7532348	.0821898	4.338818	.5750983	1.682955
#3	1.706511	18.94384	.7639114	.0800012	4.412597	.5791391	1.661450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.95915	17.10996	.1329639	.4964633	3.918336	15.13153	1.115738
Stddev	.05463	.20910	.0010638	.0060818	.047425	.04297	.014194
%RSD	.3651766	1.222117	.8000306	1.225031	1.210335	.2839799	1.272164

#1	14.95061	16.92731	.1317426	.4906672	3.872161	15.08418	1.101037
#2	15.01754	17.06453	.1334610	.4959272	3.915928	15.16805	1.116811
#3	14.90929	17.33804	.1336881	.5027953	3.966919	15.14237	1.129364

Sample Name: J6563-04A Acquired: 01/15/2019 16:08:45 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.005217	.2839259	.3032475
Stddev	.005556	.0033614	.0005014
%RSD	.5526981	1.183913	.1653293

#1	1.000555	.2839298	.3038212
#2	1.011364	.2872854	.3030281
#3	1.003731	.2805625	.3028933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.688	3000.378	62490.60	6707.073	4501.364
Stddev	56.046	25.706	1243.35	29.103	44.238
%RSD	1.991206	.8567548	1.989663	.4339118	.9827634

#1	2870.334	3023.492	63689.95	6729.557	4542.305
#2	2758.250	3004.949	61207.48	6674.202	4507.347
#3	2815.479	2972.693	62574.38	6717.460	4454.439

Sample Name: J6563-07 Acquired: 01/15/2019 16:12:17 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507441	-.002657	9.832738	-.013745	.0350445	62.10448	.6675604
Stddev	.0018651	.000639	.005775	.003757	.0011297	.07492	.0017303
%RSD	3.675516	24.02985	.0587332	27.33496	3.223587	.1206361	.2591949

#1	.0511102	-.002225	9.839362	-.015609	.0348533	62.08705	.6683531
#2	.0523991	-.002355	9.828758	-.016206	.0362575	62.03981	.6655758
#3	.0487231	-.003391	9.830094	-.009421	.0340225	62.18658	.6687523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046682	.0094325	21.00305	.1670697	.0320913	.7388690	118.6482
Stddev	.0000969	.0000726	.05138	.0014038	.0001660	.0046406	.1973
%RSD	2.076677	.7699660	.2446547	.8402692	.5172637	.6280701	.1662498

#1	.0045766	.0093988	20.94811	.1654691	.0319253	.7335469	118.4442
#2	.0047698	.0093829	21.04993	.1680923	.0320913	.7420699	118.8379
#3	.0046583	.0095159	21.01112	.1676477	.0322573	.7409902	118.6626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.535953	12.46632	.1131689	-.004828	.9869685	.2409446	1.491879
Stddev	.003090	.14441	.0005636	.000449	.0818317	.0008250	.004264
%RSD	.2011744	1.158370	.4979984	9.304539	8.291219	.3424154	.2858141

#1	1.534728	12.56304	.1125183	-.004577	.8945894	.2414204	1.489582
#2	1.539467	12.30033	.1134826	-.004560	1.015954	.2399920	1.489256
#3	1.533663	12.53560	.1135058	-.005346	1.050363	.2414215	1.496799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.495536	10.51821	-.183899	.0087877	3.882638	14.99693	.0782774
Stddev	.040430	.01208	.000429	.0004290	.010392	.13513	.0011848
%RSD	1.156616	.1148290	.2331096	4.881326	.2676637	.9010436	1.513625

#1	3.455696	10.53212	-.183687	.0085878	3.891516	14.84209	.0781905
#2	3.494381	10.51038	-.184393	.0092801	3.885191	15.09101	.0795032
#3	3.536531	10.51212	-.183618	.0084952	3.871207	15.05768	.0771383

Sample Name: J6563-07 Acquired: 01/15/2019 16:12:17 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7954504	.0517159	.0812895
Stddev	.0023898	.0013606	.0005883
%RSD	.3004322	2.630933	.7237383

#1	.7969342	.0501493	.0806102
#2	.7926936	.0526017	.0816372
#3	.7967235	.0523968	.0816210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.475	3041.332	62319.67	6658.802	4545.851
Stddev	12.516	6.329	110.87	22.306	4.422
%RSD	.4462926	.2080870	.1779053	.3349847	.0972673

#1	2795.763	3038.698	62223.77	6680.014	4541.284
#2	2818.817	3048.552	62441.07	6635.543	4550.111
#3	2798.844	3036.745	62294.18	6660.849	4546.160

Sample Name: CCV04 Acquired: 01/15/2019 16:16:00 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.002374	5.100762	4.939482	4.926265	5.090598	9.643579	10.02968
Stddev	.011991	.014905	.018446	.025324	.021507	.004866	.02685
%RSD	.2397053	.2922085	.3734427	.5140702	.4224903	.0504580	.2677355

#1	4.989261	5.090555	4.924672	4.897037	5.066045	9.645463	10.04816
#2	5.012780	5.093865	4.933629	4.940104	5.106104	9.647222	10.04199
#3	5.005083	5.117866	4.960144	4.941655	5.099645	9.638053	9.99887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2330270	2.389990	23.56245	.9728141	2.466018	1.219928	5.175731
Stddev	.0010691	.010983	.03992	.0016482	.007759	.002287	.017384
%RSD	.4587684	.4595223	.1694232	.1694246	.3146308	.1875041	.3358824

#1	.2340243	2.377608	23.54626	.9733272	2.458586	1.222568	5.193336
#2	.2318983	2.393807	23.53316	.9741447	2.465400	1.218538	5.158576
#3	.2331582	2.398555	23.60792	.9709704	2.474067	1.218677	5.175281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.348669	22.96583	2.514618	1.168871	23.68204	2.388660	2.642667
Stddev	.009264	.13647	.009950	.002069	.14137	.011571	.006746
%RSD	.3944326	.5942405	.3956995	.1769705	.5969642	.4843973	.2552649

#1	2.347815	22.99840	2.505672	1.166492	23.52161	2.394114	2.639499
#2	2.339861	23.08307	2.512847	1.169875	23.73611	2.375371	2.650414
#3	2.358330	22.81602	2.525335	1.170247	23.78840	2.396496	2.638089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.47916	5.080339	4.576934	4.831197	4.884752	4.621318	4.922533
Stddev	.13783	.016503	.022459	.023485	.014209	.026609	.018383
%RSD	.5409678	.3248446	.4907032	.4861166	.2908839	.5757944	.3734366

#1	25.56711	5.063007	4.598459	4.804082	4.871141	4.637545	4.904027
#2	25.55007	5.095864	4.553644	4.845108	4.883625	4.590609	4.922781
#3	25.32031	5.082145	4.578699	4.844402	4.899491	4.635800	4.940790

Sample Name: CCV04 Acquired: 01/15/2019 16:16:00 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.808591	4.864465	4.819279
Stddev	.006898	.002260	.022487
%RSD	.1434473	.0464625	.4666092

#1	4.816555	4.867036	4.821878
#2	4.804694	4.862793	4.840354
#3	4.804524	4.863565	4.795605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.275	2930.369	59844.60	6326.304	4534.029
Stddev	17.926	6.889	238.67	14.936	8.183
%RSD	.6655740	.2350906	.3988148	.2361012	.1804810

#1	2705.537	2938.138	59925.68	6311.761	4540.937
#2	2672.702	2927.960	59575.95	6341.605	4536.158
#3	2701.586	2925.007	60032.16	6325.545	4524.992

Sample Name: CCB04 Acquired: 01/15/2019 16:19:30 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015760	.0002335	.0014739	.0002512	-.000614	-.007467	-.000621
Stddev	.0038318	.0008830	.0020352	.0005225	.000733	.006676	.000121
%RSD	243.1278	378.1294	138.0842	207.9571	119.2607	89.40625	19.51513

#1	-.000660	.0008295	.0032541	.0006764	-.000231	-.015010	-.000742
#2	-.000612	-.000781	-.000745	-.000332	-.001459	-.005073	-.000621
#3	.006000	.000652	.001912	.000409	-.000153	-.002318	-.000500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0000044	.0062457	.0001384	.0003339	-.003010	.0144166
Stddev	.000065	.0000395	.0108129	.0001089	.0000884	.002136	.0130007
%RSD	277.6791	888.5661	173.1258	78.66059	26.48100	70.95468	90.17905

#1	.000048	-.000041	-.006074	.0002343	.0004038	-.000679	.0275773
#2	-.000080	.000025	.010646	.0001610	.0002345	-.004874	.0140904
#3	-.000038	.000030	.014165	.0000200	.0003633	-.003478	.0015820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000667	.0234388	.0001109	.0009838	.0247235	.0075353	-.000022
Stddev	.0014047	.0596058	.0000488	.0001388	.1257150	.0014769	.000207
%RSD	2104.506	254.3040	44.04562	14.11059	508.4848	19.59980	926.3503

#1	.0014016	-.045388	.0001664	.0011029	-.007160	.0074168	-.000259
#2	-.001399	.057848	.0000747	.0010171	-.081980	.0061213	.000124
#3	.000197	.057856	.0000916	.0008313	.163310	.0090679	.000067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0953389	-.000731	.0051607	.0004308	.0018443	.0049846	-.000595
Stddev	.0517853	.001520	.0003195	.0000554	.0022942	.0005663	.000783
%RSD	54.31710	207.8705	6.190386	12.85275	124.3990	11.36001	131.5683

#1	.0388927	-.002486	.0051961	.0003670	.0036563	.0056370	.000271
#2	.1064715	.000117	.0048250	.0004668	-.000735	.0046201	-.001253
#3	.1406525	.000176	.0054610	.0004585	.002612	.0046968	-.000805

Sample Name: CCB04 Acquired: 01/15/2019 16:19:30 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000474	.0019741	.0001710
Stddev	.000617	.0014707	.0000237
%RSD	130.2637	74.49757	13.84908

#1	-.001046	.0011678	.0001978
#2	-.000556	.0010829	.0001623
#3	.000180	.0036716	.0001528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.352	2941.245	58981.86	6234.720	4582.097
Stddev	6.034	6.118	232.93	23.287	9.124
%RSD	.2232069	.2079972	.3949136	.3735101	.1991164

#1	2698.362	2947.128	59025.15	6207.850	4590.155
#2	2710.058	2934.917	59190.11	6249.050	4572.191
#3	2701.635	2941.692	58730.33	6247.260	4583.944

Sample Name: J6563-08 Acquired: 01/15/2019 16:23:22 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538805	-.004860	14.33286	-.018801	.0539903	69.81538	1.010570
Stddev	.0034285	.002173	.62592	.004673	.0016142	.11567	.002569
%RSD	6.363131	44.71648	4.367048	24.85337	2.989768	.1656822	.2541669

#1	.0514932	-.006267	13.90251	-.016543	.0548968	69.91899	1.012417
#2	.0523391	-.002357	14.04516	-.015685	.0521267	69.69058	1.007637
#3	.0578091	-.005957	15.05091	-.024173	.0549475	69.83658	1.011657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056874	.0182775	57.33261	.3027740	.0500902	1.095264	155.2525
Stddev	.0000377	.0010525	.32808	.0019490	.0025107	.000664	.3554
%RSD	.6628044	5.758463	.5722395	.6437052	5.012260	.0605954	.2288952

#1	.0057035	.0176135	57.30184	.3028846	.0483880	1.094588	154.9487
#2	.0057144	.0177280	57.02100	.3046653	.0489090	1.095291	155.1656
#3	.0056443	.0194910	57.67499	.3007720	.0529736	1.095914	155.6433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.462693	21.74206	.2140308	-.003149	1.696828	.3232286	3.830988
Stddev	.009873	.04034	.0092151	.000628	.201630	.0033380	.012085
%RSD	.4009131	.1855162	4.305518	19.93414	11.88275	1.032706	.3154484

#1	2.452200	21.69836	.2077995	-.003860	1.929558	.3215538	3.836444
#2	2.464078	21.77786	.2096767	-.002914	1.574799	.3270724	3.839384
#3	2.471800	21.74997	.2246161	-.002673	1.586127	.3210596	3.817138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.520042	13.20062	-.220272	.0173721	7.113416	10.97311	.1034836
Stddev	.036519	.55533	.002781	.0003948	.309432	.04615	.0051750
%RSD	.6615749	4.206873	1.262620	2.272518	4.349981	.4206159	5.000762

#1	5.520202	12.84346	-.217198	.0170069	6.916641	10.93233	.1005585
#2	5.556481	12.91798	-.221004	.0173184	6.953525	10.96379	.1004336
#3	5.483443	13.84042	-.222614	.0177909	7.470083	11.02321	.1094587

Sample Name: J6563-08 Acquired: 01/15/2019 16:23:22 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.044966	.0687680	.1770066
Stddev	.002412	.0008027	.0005930
%RSD	.2308173	1.167262	.3349954

#1	1.047744	.0696047	.1764486
#2	1.043746	.0680043	.1776292
#3	1.043408	.0686950	.1769419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.795	2966.026	61508.88	6447.956	4358.234
Stddev	16.211	95.878	304.35	22.020	155.895
%RSD	.5891111	3.232535	.4948055	.3414968	3.577028

#1	2734.325	3030.212	61230.82	6458.403	4463.818
#2	2754.709	3012.052	61461.78	6462.807	4431.704
#3	2766.352	2855.813	61834.03	6422.657	4179.179

Sample Name: J6563-09 Acquired: 01/15/2019 16:27:02 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420323	-.001042	6.602895	-.013125	.0280273	61.38510	.5554522
Stddev	.0031843	.001943	.107985	.001139	.0005357	.13070	.0012426
%RSD	7.575907	186.4348	1.635413	8.677846	1.911518	.2129148	.2237015

#1	.0384127	.000182	6.543802	-.013186	.0280238	61.31663	.5540515
#2	.0432817	-.000027	6.537355	-.014233	.0285648	61.30286	.5558834
#3	.0444025	-.003283	6.727530	-.011957	.0274933	61.53581	.5564217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046078	.0073397	18.44929	.1311871	.0363853	.4622632	117.5668
Stddev	.0000788	.0001278	.05457	.0005222	.0007733	.0060758	.6714
%RSD	1.710553	1.740844	.2957994	.3980689	2.125261	1.314351	.5710771

#1	.0045676	.0073926	18.38632	.1312623	.0357854	.4561318	117.2229
#2	.0046986	.0071939	18.47874	.1316676	.0361124	.4623759	117.1371
#3	.0045571	.0074324	18.48280	.1306313	.0372580	.4682818	118.3405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378577	10.79266	.1044417	-.004532	1.723499	.2348188	1.270734
Stddev	.004286	.07539	.0015077	.000502	.065322	.0045319	.002886
%RSD	.3109198	.6985305	1.443558	11.07454	3.790086	1.929953	.2270757

#1	1.379065	10.71050	.1038956	-.004628	1.780801	.2296083	1.271838
#2	1.374068	10.80881	.1032832	-.003989	1.737325	.2370047	1.267459
#3	1.382599	10.85866	.1061463	-.004978	1.652370	.2378435	1.272904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.042907	8.195248	-.182493	.0067015	2.721037	12.70087	.0581991
Stddev	.032320	.145109	.003574	.0004522	.052664	.04860	.0011177
%RSD	1.062136	1.770645	1.958678	6.748152	1.935442	.3826327	1.920498

#1	3.006324	8.136857	-.182485	.0067112	2.707196	12.68331	.0570557
#2	3.067591	8.088430	-.186072	.0062445	2.676677	12.75581	.0582524
#3	3.054805	8.360456	-.178923	.0071487	2.779240	12.66349	.0592893

Sample Name: J6563-09 Acquired: 01/15/2019 16:27:02 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7450058	.0567472	.1018738
Stddev	.0024876	.0015790	.0001204
%RSD	.3338997	2.782438	.1182199

#1	.7437047	.0549387	.1020120
#2	.7434386	.0578515	.1017913
#3	.7478740	.0574514	.1018180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.016	3117.219	63538.76	6707.490	4662.093
Stddev	12.559	40.970	245.60	22.051	61.135
%RSD	.4368398	1.314298	.3865322	.3287550	1.311326

#1	2875.150	3135.927	63269.55	6721.711	4689.679
#2	2887.508	3145.495	63750.57	6682.088	4704.575
#3	2862.390	3070.235	63596.16	6718.671	4592.026

Sample Name: J6563-10 Acquired: 01/15/2019 16:30:47 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0552636	-.001470	17.98190	-.013663	.0530608	61.42027	.8826622
Stddev	.0019140	.000602	.26364	.002922	.0005764	.40278	.0033410
%RSD	3.463372	40.95148	1.466127	21.38541	1.086210	.6557746	.3785194

#1	.0530759	-.001628	17.77006	-.010963	.0535778	61.79918	.8854384
#2	.0560852	-.000805	17.89849	-.013260	.0531654	61.46437	.8835941
#3	.0566295	-.001978	18.27716	-.016765	.0524394	60.99725	.8789541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050941	.0134527	31.35133	.2032576	.0397445	.9548055	129.1448
Stddev	.0000203	.0003155	.36337	.0008942	.0004558	.0028973	.8465
%RSD	.3975044	2.345286	1.159025	.4399602	1.146794	.3034494	.6554488

#1	.0050789	.0131983	31.70751	.2030459	.0392717	.9553835	129.9757
#2	.0051171	.0133540	31.36532	.2042388	.0397807	.9573702	129.1751
#3	.0050864	.0138057	30.98118	.2024883	.0401811	.9516627	128.2836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.933424	13.71543	.1758049	-.004070	.9757312	.3049616	2.093107
Stddev	.029908	.04792	.0027129	.000089	.1713393	.0078294	.001469
%RSD	1.546913	.3494025	1.543141	2.188266	17.56009	2.567353	.0701869

#1	1.962530	13.76991	.1737456	-.004008	1.030931	.3002631	2.093278
#2	1.934969	13.67979	.1747903	-.004172	1.112667	.3139999	2.091560
#3	1.902773	13.69659	.1788789	-.004029	.783596	.3006218	2.094483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.981272	8.661622	-.187157	.0116033	4.036060	13.85631	.0921490
Stddev	.013530	.133621	.003843	.0002142	.056103	.12613	.0008699
%RSD	.4538192	1.542683	2.053093	1.845958	1.390031	.9103037	.9439952

#1	2.965655	8.566615	-.189989	.0117053	3.996669	13.89860	.0922662
#2	2.989444	8.603842	-.188698	.0113572	4.011216	13.95587	.0912265
#3	2.988718	8.814411	-.182783	.0117474	4.100295	13.71447	.0929544

Sample Name: J6563-10 Acquired: 01/15/2019 16:30:47 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.014580	.0489941	.1034324
Stddev	.002986	.0014035	.0004210
%RSD	.2943060	2.864671	.4069988

#1	1.016934	.0499129	.1032502
#2	1.015584	.0473785	.1031333
#3	1.011221	.0496909	.1039138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.352	3027.137	62540.07	6686.287	4506.553
Stddev	14.592	35.532	292.91	62.116	57.300
%RSD	.5179278	1.173767	.4683616	.9290063	1.271482

#1	2803.671	3059.588	62204.45	6632.235	4553.466
#2	2832.710	3032.652	62744.14	6672.480	4523.504
#3	2815.674	2989.170	62671.63	6754.144	4442.690

Sample Name: J6563-11 Acquired: 01/15/2019 16:34:29 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631855	-.003535	19.92119	-.020966	.2393386	68.72070	1.004759
Stddev	.0041603	.000174	.23231	.001668	.0016904	.23508	.003888
%RSD	6.584334	4.933172	1.166126	7.954844	.7062895	.3420829	.3869994

#1	.0586047	-.003728	19.72016	-.019339	.2375413	68.45122	1.000314
#2	.0642225	-.003488	19.86789	-.020888	.2408966	68.82718	1.006431
#3	.0667293	-.003389	20.17551	-.022672	.2395778	68.88370	1.007531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055636	.0166428	74.62460	.2339640	.0535639	2.132181	143.7089
Stddev	.0000400	.0002795	.16820	.0012247	.0008666	.010396	.4925
%RSD	.7192947	1.679601	.2253923	.5234731	1.617848	.4875609	.3427346

#1	.0055753	.0163821	74.74846	.2325965	.0529122	2.138608	144.1186
#2	.0055191	.0166084	74.69224	.2343358	.0532323	2.120187	143.8458
#3	.0055965	.0169380	74.43312	.2349598	.0545474	2.137748	143.1624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.124292	38.27736	.2788938	-.005787	1.565110	.3172158	2.910487
Stddev	.021228	.29995	.0024344	.000640	.238970	.0052362	.012541
%RSD	.9993010	.7836220	.8728639	11.06601	15.26859	1.650667	.4308858

#1	2.143607	38.60568	.2767732	-.005414	1.802759	.3139734	2.896957
#2	2.127705	38.01768	.2783563	-.005420	1.324840	.3144174	2.921721
#3	2.101564	38.20873	.2815520	-.006527	1.567730	.3232566	2.912784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.910188	8.216360	-.222579	.0128915	4.806005	11.81901	.0910777
Stddev	.032934	.088267	.002382	.0003433	.061423	.02527	.0016305
%RSD	.8422498	1.074284	1.070398	2.663035	1.278051	.2138237	1.790231

#1	3.941843	8.127127	-.224623	.0128681	4.741999	11.84342	.0892399
#2	3.876110	8.218323	-.223152	.0125605	4.811545	11.79296	.0923505
#3	3.912611	8.303629	-.219962	.0132459	4.864470	11.82066	.0916428

Sample Name: J6563-11 Acquired: 01/15/2019 16:34:29 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.099396	.0656805	.1589033
Stddev	.004231	.0029195	.0007293
%RSD	.3848870	4.445000	.4589455

#1	1.095893	.0627003	.1585276
#2	1.098199	.0658059	.1584385
#3	1.104098	.0685352	.1597438

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.085	2987.188	62375.47	6657.855	4365.318
Stddev	5.667	25.840	69.23	39.454	36.794
%RSD	.2034041	.8650214	.1109898	.5925974	.8428782

#1	2792.366	3005.243	62371.48	6613.617	4393.437
#2	2784.533	2998.733	62446.61	6689.403	4378.842
#3	2781.356	2957.589	62308.32	6670.545	4323.676

Sample Name: J6563-12 Acquired: 01/15/2019 16:38:11 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464477	-.000310	7.146870	-.016808	.0370730	60.45304	.6647277
Stddev	.0041496	.001200	.233624	.002761	.0019859	.04052	.0003677
%RSD	8.934017	386.7307	3.268894	16.42729	5.356698	.0670231	.0553096

#1	.0512388	-.001467	7.416625	-.019809	.0390045	60.48077	.6647487
#2	.0439919	.000929	7.009935	-.016240	.0371776	60.40655	.6643501
#3	.0441124	-.000393	7.014050	-.014376	.0350369	60.47182	.6650845

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045308	.0086597	47.15596	.1649801	.0332062	.6037603	115.5313
Stddev	.0000404	.0003887	.10112	.0035837	.0012442	.0026939	.2477
%RSD	.8906860	4.488965	.2144282	2.172220	3.746938	.4461829	.2143881

#1	.0045000	.0091065	47.25240	.1681349	.0346321	.6007719	115.7264
#2	.0045159	.0084735	47.16473	.1610835	.0326454	.6045069	115.2526
#3	.0045765	.0083990	47.05074	.1657219	.0323411	.6060022	115.6148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.633239	19.42187	.1135121	-.004307	1.237952	.2277406	1.647960
Stddev	.003941	.12144	.0032064	.000496	.108073	.0035078	.043178
%RSD	.2412747	.6252497	2.824686	11.50552	8.729966	1.540237	2.620059

#1	1.632443	19.29096	.1172070	-.004856	1.202318	.2254996	1.689656
#2	1.629758	19.44381	.1118690	-.004173	1.359342	.2259392	1.603439
#3	1.637517	19.53084	.1114603	-.003893	1.152195	.2317831	1.650784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.677650	7.305418	-.174169	.0087320	3.517387	14.09028	.0551902
Stddev	.020663	.226458	.001056	.0002828	.100332	.07231	.0017609
%RSD	.5618575	3.099865	.6064678	3.238134	2.852457	.5131776	3.190673

#1	3.658042	7.566250	-.175266	.0089062	3.633234	14.15810	.0570505
#2	3.675681	7.158936	-.173159	.0088839	3.460516	14.01419	.0535491
#3	3.699227	7.191068	-.174081	.0084057	3.458411	14.09853	.0549712

Sample Name: J6563-12 Acquired: 01/15/2019 16:38:11 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7469284	.0528068	.1437139
Stddev	.0038632	.0017410	.0004543
%RSD	.5172162	3.296919	.3160955

#1	.7496857	.0518138	.1439526
#2	.7485867	.0548170	.1439990
#3	.7425129	.0517895	.1431900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.143	3011.863	62056.95	6582.195	4505.788
Stddev	64.845	78.637	1395.55	50.657	124.593
%RSD	2.319933	2.610913	2.248825	.7696023	2.765166

#1	2724.371	2921.225	60498.28	6530.554	4361.961
#2	2851.704	3061.903	63190.50	6584.223	4580.662
#3	2809.354	3052.462	62482.07	6631.806	4574.740

Sample Name: J6563-13 Acquired: 01/15/2019 16:41:56 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.053858	.0061608	F 223.6145	-.024953	4.127575	118.0734
Stddev	.004613	.0037083	.3772	.002070	.011268	.1862
%RSD	.4377533	60.19099	.1687039	8.294578	.2730032	.1576912

#1	1.048581	.0019949	223.8302	-.026455	4.138570	117.8757
#2	1.055868	.0073864	223.1789	-.025813	4.116051	118.0992
#3	1.057126	.0091011	223.8343	-.022592	4.128104	118.2454

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.186166	.0114059	.1417016	646.0640	.3591194	.0630824
Stddev	.003844	.0000551	.0004199	3.9358	.0016645	.0005870
%RSD	.3240719	.4832876	.2963327	.6091911	.4635010	.9305010

#1	1.189650	.0114693	.1421064	641.6441	.3608624	.0632784
#2	1.186805	.0113693	.1412681	647.3583	.3589495	.0624225
#3	1.182042	.0113790	.1417302	649.1896	.3575464	.0635463

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.073657	160.0842	2.953856	228.0845	.2034394	-.002135
Stddev	.003883	.8985	.024576	1.5609	.0008685	.000470
%RSD	.3616410	.5612955	.8320063	.6843379	.4269062	22.00825

#1	1.073140	159.0519	2.928491	226.2938	.2030303	-.002508
#2	1.077773	160.5099	2.955520	228.8023	.2028510	-.001607
#3	1.070059	160.6908	2.977559	229.1573	.2044369	-.002290

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.479279	.3858219	2.709295	12.75190	12.76016	-.212563
Stddev	.137039	.0042133	.006740	.02277	.01335	.002780
%RSD	2.501036	1.092028	.2487560	.1785563	.1046362	1.307758

#1	5.378797	.3905301	2.701954	12.75973	12.77035	-.211482
#2	5.635383	.3845295	2.710728	12.72624	12.76509	-.215721
#3	5.423655	.3824063	2.715203	12.76971	12.74505	-.210486

Sample Name: J6563-13 Acquired: 01/15/2019 16:41:56 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134335	11.57398	23.40104	.7353983	6.089582	.1461792
Stddev	.0003318	.01845	.06708	.0007586	.016624	.0030657
%RSD	2.470185	.1594490	.2866702	.1031498	.2729895	2.097249
#1	.0138158	11.56701	23.32722	.7358087	6.080968	.1430814
#2	.0132646	11.56002	23.41762	.7358632	6.108745	.1462444
#3	.0132201	11.59490	23.45828	.7345229	6.079033	.1492119

Elem	Sr4077
Units	ppm
Avg	1.633637
Stddev	.005634
%RSD	.3448917
#1	1.639996
#2	1.631648
#3	1.629267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.797	2982.076	63735.65	6730.838	3946.246
Stddev	2.722	5.824	197.02	11.488	8.988
%RSD	.0981263	.1953077	.3091159	.1706769	.2277632
#1	2776.929	2975.673	63781.68	6744.102	3941.053
#2	2772.460	2987.059	63519.70	6724.077	3956.624
#3	2772.002	2983.496	63905.58	6724.335	3941.059

Sample Name: J6563-14 Acquired: 01/15/2019 16:45:35 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.872472	2.335424	F 209.4106	1.849981	5.268067	116.6612
Stddev	.018815	.017151	1.9093	.022161	.049737	.4181
%RSD	1.004805	.7343749	.9117309	1.197888	.9441231	.3583944

#1	1.854348	2.322755	207.8170	1.829068	5.231513	116.3863
#2	1.871160	2.328575	208.8881	1.847666	5.247982	117.1424
#3	1.891909	2.354941	211.5267	1.873208	5.324706	116.4550

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.381469	.2007923	.3565935	651.0464	.7418512	.3008384
Stddev	.001829	.0010302	.0038366	2.8668	.0055839	.0028711
%RSD	.1324186	.5130791	1.075892	.4403414	.7526962	.9543618

#1	1.382760	.2008000	.3531192	648.0936	.7462098	.2988904
#2	1.382273	.1997582	.3559504	653.8187	.7437867	.2994894
#3	1.379376	.2018186	.3607110	651.2269	.7355571	.3041356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.376200	162.1289	3.163368	230.2068	.7963162	.0756091
Stddev	.003771	1.3263	.026893	1.8482	.0071320	.0006062
%RSD	.2740487	.8180784	.8501296	.8028420	.8956259	.8017967

#1	1.372322	160.9758	3.135155	228.4886	.7901459	.0759765
#2	1.376424	163.5784	3.188710	232.1621	.7946779	.0749094
#3	1.379855	161.8326	3.166240	229.9697	.8041248	.0759415

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.804431	.6852414	2.931665	23.95941	20.66513	.0764600
Stddev	.125442	.0036836	.031514	.18585	.18681	.0032054
%RSD	1.424760	.5375610	1.074956	.7756724	.9040093	4.192256

#1	8.861314	.6810602	2.948920	24.02364	20.53021	.0760947
#2	8.660625	.6866564	2.950784	23.74997	20.58683	.0798324
#3	8.891354	.6880078	2.895292	24.10462	20.87836	.0734530

Sample Name: J6563-14 Acquired: 01/15/2019 16:45:35 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4271454	12.11542	16.11214	1.550882	5.764899	.3681362
Stddev	.0042888	.12972	.09525	.014361	.024252	.0003817
%RSD	1.004069	1.070664	.5911949	.9259767	.4206773	.1036923
#1	.4231645	12.01670	16.07759	1.536894	5.755252	.3682402
#2	.4265848	12.06723	16.03898	1.550164	5.792490	.3677132
#3	.4316870	12.26234	16.21985	1.565589	5.746956	.3684551

Elem	Sr4077
Units	ppm
Avg	1.830265
Stddev	.003426
%RSD	.1871943
#1	1.828374
#2	1.828200
#3	1.834219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.382	2872.305	63096.24	6638.207	3798.935
Stddev	31.430	23.709	644.69	33.343	28.967
%RSD	1.152397	.8254244	1.021759	.5022883	.7624977
#1	2702.590	2888.370	62509.16	6630.198	3817.777
#2	2716.825	2883.470	62993.37	6674.825	3813.448
#3	2762.732	2845.075	63786.18	6609.598	3765.581

Sample Name: J6563-15 Acquired: 01/15/2019 16:49:08 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.815043	2.265922	F 202.9139	1.799355	5.110316	115.3235
Stddev	.009322	.018242	1.5906	.015475	.036919	.2846
%RSD	.5136007	.8050775	.7838834	.8600537	.7224394	.2467798

#1	1.804767	2.250975	201.3832	1.790983	5.080544	115.6493
#2	1.817405	2.260540	202.8002	1.789869	5.098776	115.1977
#3	1.822957	2.286249	204.5583	1.817213	5.151626	115.1235

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.365333	.1996056	.3457019	644.7075	.7380085	.2908887
Stddev	.000577	.0028444	.0028780	3.7742	.0041886	.0025735
%RSD	.0422293	1.425026	.8325220	.5854052	.5675483	.8846998

#1	1.364762	.2028581	.3430725	648.8454	.7428117	.2883887
#2	1.365321	.1983752	.3452564	643.8228	.7351159	.2907475
#3	1.365915	.1975836	.3487767	641.4543	.7360979	.2935299

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.352295	159.8703	3.128702	227.3716	.7713707	.0754240
Stddev	.005084	.6594	.009076	.3821	.0068180	.0004910
%RSD	.3759541	.4124834	.2900940	.1680525	.8838861	.6510136

#1	1.348611	160.2492	3.139152	227.8104	.7646234	.0750402
#2	1.350179	159.1088	3.122787	227.1126	.7712313	.0752545
#3	1.358095	160.2529	3.124167	227.1918	.7782573	.0759773

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.606998	.6707014	2.893507	23.65479	19.99854	.0752453
Stddev	.173069	.0034805	.011293	.04401	.13494	.0036678
%RSD	2.010793	.5189335	.3902804	.1860313	.6747286	4.874486

#1	8.676085	.6745371	2.882062	23.69748	19.86463	.0794600
#2	8.734852	.6677446	2.893818	23.65732	19.99652	.0727769
#3	8.410057	.6698226	2.904641	23.60958	20.13447	.0734991

Sample Name: J6563-15 Acquired: 01/15/2019 16:49:08 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4143145	11.69577	16.02080	1.501602	5.696924	.3658174
Stddev	.0036078	.09496	.25091	.011742	.009310	.0028829
%RSD	.8707953	.8119040	1.566168	.7819366	.1634238	.7880794

#1	.4120328	11.60482	16.31023	1.488910	5.707675	.3681051
#2	.4124368	11.68820	15.86468	1.503818	5.691537	.3667679
#3	.4184739	11.79428	15.88748	1.512077	5.691561	.3625793

Elem	Sr4077
Units	ppm
Avg	1.813487
Stddev	.003985
%RSD	.2197319

#1	1.817373
#2	1.809410
#3	1.813677

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.618	2942.228	63676.66	6698.385	3903.213
Stddev	23.111	16.267	109.91	76.705	21.258
%RSD	.8335333	.5528865	.1726091	1.145130	.5446357

#1	2799.276	2950.736	63792.89	6611.782	3922.138
#2	2758.242	2952.477	63574.40	6725.604	3907.289
#3	2760.336	2923.471	63662.70	6757.768	3880.212

Sample Name: J6563-13A Acquired: 01/15/2019 16:52:39 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.955336	2.449746	F 219.5416	1.937976	5.496113	117.2155
Stddev	.028216	.041890	3.6487	.028808	.069736	.6015
%RSD	1.443051	1.709982	1.661965	1.486481	1.268825	.5131359

#1	1.931258	2.411525	215.8018	1.906945	5.425106	116.9620
#2	1.948365	2.443184	219.7313	1.943115	5.498727	116.7822
#3	1.986384	2.494531	223.0918	1.963869	5.564505	117.9022

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.391186	.2036998	.3746442	653.7673	.7675455	.3163280
Stddev	.005328	.0021870	.0066832	5.4541	.0056651	.0058295
%RSD	.3829768	1.073616	1.783875	.8342598	.7380825	1.842869

#1	1.387674	.2014788	.3678260	651.0569	.7615075	.3104625
#2	1.388569	.2037697	.3749230	650.1994	.7683847	.3164006
#3	1.397317	.2058510	.3811836	660.0457	.7727441	.3221209

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.380973	162.2358	3.163400	230.7449	.8336982	.0774828
Stddev	.010959	.9937	.033845	1.3491	.0138995	.0004207
%RSD	.7935715	.6125109	1.069897	.5846729	1.667208	.5429445

#1	1.374324	162.0624	3.156506	230.0459	.8205592	.0776680
#2	1.374973	161.3403	3.133532	229.8888	.8322851	.0777791
#3	1.393622	163.3049	3.200161	232.3001	.8482502	.0770013

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.749500	.6843894	3.036750	24.10426	21.71429	.0764222
Stddev	.167343	.0078031	.015734	.17396	.34886	.0028383
%RSD	1.912606	1.140152	.5181124	.7216947	1.606581	3.713972

#1	8.557056	.6890807	3.018663	23.92627	21.38173	.0735563
#2	8.830627	.6753818	3.044309	24.11260	21.68370	.0764782
#3	8.860816	.6887058	3.047277	24.27389	22.07743	.0792320

Sample Name: J6563-13A Acquired: 01/15/2019 16:52:39 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4458337	12.68097	16.27597	1.626699	5.786418	.3718339
Stddev	.0059403	.22261	.15568	.032329	.027885	.0053184
%RSD	1.332406	1.755444	.9564812	1.987386	.4819091	1.430326

#1	.4396596	12.47369	16.13738	1.591354	5.773005	.3711096
#2	.4463327	12.65295	16.24611	1.633970	5.767773	.3669148
#3	.4515087	12.91625	16.44441	1.654773	5.818475	.3774774

Elem	Sr4077
Units	ppm
Avg	1.855897
Stddev	.008772
%RSD	.4726427

#1	1.846201
#2	1.858206
#3	1.863283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.967	2759.395	61506.71	6600.848	3632.504
Stddev	.892	35.406	69.06	44.180	53.837
%RSD	.0336050	1.283098	.1122864	.6693006	1.482091

#1	2652.570	2796.533	61427.47	6630.568	3688.425
#2	2653.988	2755.629	61538.58	6621.896	3628.060
#3	2652.343	2726.022	61554.09	6550.080	3581.027

Sample Name: CCV05 Acquired: 01/15/2019 17:00:04 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.063032	5.164276	5.011582	4.977850	5.156206	9.717029	10.02974
Stddev	.056306	.047691	.048646	.048285	.044993	.067217	.04734
%RSD	1.112095	.9234836	.9706690	.9699959	.8726076	.6917445	.4720043

#1	5.003100	5.114598	4.964334	4.922460	5.107362	9.725019	10.06966
#2	5.071172	5.168537	5.008896	5.011057	5.165294	9.646175	9.97744
#3	5.114825	5.209695	5.061514	5.000034	5.195962	9.779895	10.04213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2351188	2.413306	23.84103	.9713212	2.497153	1.224299	5.213372
Stddev	.0025834	.025066	.27527	.0010055	.027025	.004807	.070865
%RSD	1.098783	1.038652	1.154609	.1035225	1.082231	.3926668	1.359301

#1	.2366745	2.386856	23.83875	.9724649	2.471246	1.226332	5.197551
#2	.2321367	2.416352	23.56690	.9709228	2.495041	1.218809	5.151753
#3	.2365453	2.436710	24.11743	.9705760	2.525172	1.227755	5.290810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.380471	23.26433	2.540139	1.178632	23.79543	2.403542	2.637705
Stddev	.029836	.22257	.023687	.005757	.10316	.039897	.011174
%RSD	1.253364	.9567163	.9325051	.4884237	.4335407	1.659931	.4236207

#1	2.381120	23.26845	2.517114	1.173730	23.71658	2.393305	2.625594
#2	2.350316	23.03972	2.538867	1.184971	23.75752	2.369761	2.647614
#3	2.409977	23.48481	2.564436	1.177196	23.91218	2.447560	2.639907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.58542	5.147544	4.657574	4.905356	4.935307	4.712078	4.981489
Stddev	.21698	.058703	.046355	.043787	.048001	.051677	.047867
%RSD	.8480655	1.140414	.9952589	.8926303	.9726006	1.096687	.9608995

#1	25.77051	5.082502	4.696605	4.858589	4.880137	4.740900	4.929262
#2	25.34663	5.163534	4.606337	4.912098	4.958279	4.652418	4.991931
#3	25.63912	5.196595	4.669779	4.945381	4.967506	4.742915	5.023272

Sample Name: CCV05 Acquired: 01/15/2019 17:00:04 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.839746	4.867885	4.801337
Stddev	.040739	.032454	.027869
%RSD	.8417556	.6667035	.5804384

#1	4.830833	4.876001	4.826482
#2	4.804201	4.832143	4.771373
#3	4.884203	4.895512	4.806158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2709.686	2900.451	60224.03	6299.760	4496.915
Stddev	17.473	17.961	249.61	66.414	33.702
%RSD	.6448531	.6192386	.4144663	1.054233	.7494367

#1	2727.257	2919.239	60485.87	6262.784	4530.890
#2	2692.311	2898.662	59988.78	6376.432	4496.361
#3	2709.488	2883.452	60197.45	6260.064	4463.493

Sample Name: CCB05 Acquired: 01/15/2019 17:08:00 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003306	.0002550	F .0072947	-.000672	-.000517	-.007638
Stddev	.0033644	.0012209	.0012316	.001233	.000713	.008094
%RSD	1017.559	478.7945	16.88294	183.3300	137.7794	105.9690

#1	-.003038	-.000695	.0076994	.000102	.000197	-.016047
#2	.003691	.001632	.0059117	-.000026	-.000521	-.006965
#3	.000339	-.000173	.0082730	-.002094	-.001228	.000099

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001214	-.000028	.0000210	.0251058	.0000618	.0002738
Stddev	.001030	.000006	.0000492	.0136081	.0005159	.0002667
%RSD	84.87760	21.50085	234.4017	54.20311	835.2020	97.40137

#1	-.002022	-.000034	-.000030	.0376899	.0004602	.0000504
#2	-.001566	-.000023	.000067	.0269629	-.000521	.0005690
#3	-.000054	-.000026	.000026	.0106645	.000246	.0002020

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0203149	-.000936	-.028298	-.000054	.0003987
Stddev	.003315	.0134513	.000602	.055635	.000303	.0000793
%RSD	34317.17	66.21359	64.23927	196.6075	558.2826	19.89552

#1	.003332	.0055467	-.000886	.034677	-.000365	.0004777
#2	-.000064	.0235325	-.001562	-.048785	.000241	.0003994
#3	-.003298	.0318657	-.000362	-.070784	-.000039	.0003191

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431741	.0050758	.0001641	.0855436	-.001103	-.000169
Stddev	.1633311	.0033796	.0002092	.0341222	.000786	.000708
%RSD	378.3079	66.58329	127.4384	39.88862	71.29473	418.1110

#1	-.086420	.0084952	.0001306	.1245040	-.001893	.000044
#2	.226635	.0017374	-.000026	.0711517	-.000321	.000408
#3	-.010692	.0049947	.000388	.0609752	-.001094	-.000960

Sample Name: CCB05 Acquired: 01/15/2019 17:08:00 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000216	.0015407	.0026912	-.002164	.0008134	-.000621
Stddev	.0000928	.0017480	.0014021	.000444	.0013801	.000625
%RSD	429.1266	113.4610	52.10085	20.51446	169.6702	100.7375

#1	-.000082	.0016841	.0024450	-.001732	.0009481	-.000225
#2	.000050	-.000275	.0042000	-.002142	-.000629	-.000296
#3	.000097	.003213	.0014284	-.002619	.002121	-.001342

Elem	Sr4077
Units	ppm
Avg	-.000023
Stddev	.000021
%RSD	90.00200

#1	-.000013
#2	-.000047
#3	-.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.072	2913.732	58213.67	6230.953	4548.341
Stddev	17.438	3.903	294.81	45.822	15.373
%RSD	.6555571	.1339629	.5064309	.7353969	.3379822

#1	2648.746	2912.088	57932.08	6180.800	4549.472
#2	2680.154	2918.188	58520.13	6241.430	4563.117
#3	2651.317	2910.920	58188.81	6270.630	4532.434

Sample Name: PB116366BL Acquired: 01/15/2019 17:11:51 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001938	-.000522	F .0077922	-.000514	.0003001	.0036864
Stddev	.0013985	.000878	.0007400	.001202	.0007799	.0076773
%RSD	721.6405	168.1372	9.497008	233.7648	259.8559	208.2599

#1	.0008786	.000491	.0077239	-.001655	-.000475	.0115229
#2	-.001415	-.001061	.0085640	-.000628	.000291	-.003821
#3	.001118	-.000996	.0070887	.000741	.001085	.003358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001448	-.000056	.0000688	.0191813	-.000044	.0002002
Stddev	.000865	.000018	.0000138	.0238207	.000653	.0001450
%RSD	59.72807	31.66834	20.02273	124.1870	1499.973	72.46003

#1	-.001570	-.000040	.0000553	.0384711	.000070	.0003086
#2	-.000528	-.000075	.0000683	.0265172	.000546	.0002565
#3	-.002245	-.000052	.0000828	-.007445	-.000746	.0000354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005353	.0152213	.0000550	-.008885	.0000474	.0006423
Stddev	.004680	.0131799	.0013997	.015478	.0001596	.0003591
%RSD	87.41770	86.58801	2544.512	174.1963	337.0727	55.90313

#1	-.000128	.0278737	-.001488	-.024058	.0002290	.0004663
#2	-.009159	.0162195	.000409	.006881	-.000071	.0004053
#3	-.006774	.0015708	.001244	-.009480	-.000016	.0010555

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2456668	.0044628	.0001420	.1282252	-.001755	-.002076
Stddev	.1912677	.0049932	.0002281	.0953468	.000845	.000396
%RSD	77.85652	111.8838	160.5868	74.35889	48.14192	19.08517

#1	.2658565	.0095377	-.000121	.2322659	-.001572	-.002458
#2	.0451052	-.000444	.000258	.1073923	-.002676	-.001667
#3	.4260388	.004295	.000289	.0450173	-.001017	-.002103

Sample Name: PB116366BL Acquired: 01/15/2019 17:11:51 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001112	.0002600	.0053674	-.002289	.0027630	-.000828
Stddev	.0001857	.0014487	.0005127	.001113	.0015067	.001280
%RSD	166.9469	557.2632	9.551577	48.61183	54.53303	154.6814

#1	.0002116	.0008556	.0055923	-.001043	.0027232	-.002090
#2	-.000103	.0013159	.0047808	-.003184	.0012765	.000470
#3	.000225	-.001392	.0057293	-.002639	.0042892	-.000862

Elem	Sr4077
Units	ppm
Avg	.0000057
Stddev	.0000056
%RSD	98.13619

#1	.0000006
#2	.0000049
#3	.0000117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2469.779	2728.428	54098.63	5671.087	4242.604
Stddev	12.719	3.826	66.26	6.264	9.692
%RSD	.5149975	.1402175	.1224846	.1104617	.2284473

#1	2462.820	2725.423	54030.64	5678.320	4233.112
#2	2462.058	2732.735	54102.23	5667.430	4252.485
#3	2484.459	2727.126	54163.02	5667.510	4242.216

Sample Name: PB116366BS Acquired: 01/15/2019 17:15:42 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8499902	2.226815	1.094242	1.855438	.8897614	2.222519
Stddev	.0017238	.006728	.005116	.003346	.0030714	.014380
%RSD	.2028017	.3021198	.4675332	.1803081	.3451904	.6470319

#1	.8484139	2.221334	1.091788	1.855474	.8885622	2.223950
#2	.8497258	2.224790	1.090815	1.852075	.8874705	2.207477
#3	.8518310	2.234323	1.100122	1.858766	.8932514	2.236131

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2284452	.1989972	.2119643	1.132594	.4536217	.2254309
Stddev	.0009353	.0021224	.0006611	.021558	.0023078	.0006724
%RSD	.4094181	1.066530	.3118839	1.903413	.5087427	.2982864

#1	.2291872	.1976444	.2115420	1.129357	.4517840	.2250734
#2	.2273946	.1979040	.2116247	1.112838	.4528693	.2250128
#3	.2287537	.2014434	.2127261	1.155588	.4562117	.2262066

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3396766	3.337040	.2215236	2.067073	.5738112	.0775861
Stddev	.0039534	.016359	.0033551	.002969	.0028354	.0003587
%RSD	1.163874	.4902235	1.514541	.1436184	.4941402	.4622826

#1	.3425865	3.348197	.2238561	2.069490	.5709207	.0777236
#2	.3412677	3.318261	.2176785	2.063760	.5739249	.0771790
#3	.3351756	3.344663	.2230361	2.067970	.5765881	.0778556

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.284471	.3436644	.2246140	11.22522	F 6.330253	.2937241
Stddev	.235423	.0045872	.0003666	.03747	.037572	.0035924
%RSD	7.167756	1.334790	.1631981	.3337926	.5935272	1.223047

#1	3.128320	.3420424	.2250262	11.26513	6.326046	.2910363
#2	3.169838	.3488422	.2243244	11.19079	6.294962	.2923316
#3	3.555255	.3401086	.2244916	11.21975	6.369752	.2978042

Sample Name: PB116366BS Acquired: 01/15/2019 17:15:42 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4497550	F -.005281	.9466925	.7900679	.2248861	.2225743
Stddev	.0026789	.004048	.0090419	.0059416	.0009894	.0012834
%RSD	.5956259	76.66137	.9551084	.7520318	.4399455	.5766147

#1	.4493723	-.001238	.9423921	.7877001	.2249359	.2221701
#2	.4472881	-.005269	.9406034	.7856753	.2238728	.2215417
#3	.4526047	-.009335	.9570821	.7968283	.2258497	.2240112

Elem	Sr4077
Units	ppm
Avg	.2154140
Stddev	.0006843
%RSD	.3176767

#1	.2160830
#2	.2154436
#3	.2147154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.898	2930.251	59375.56	6312.673	4615.421
Stddev	11.852	7.004	53.34	50.709	6.312
%RSD	.4420731	.2390178	.0898406	.8032872	.1367499

#1	2667.233	2924.956	59357.29	6326.979	4610.634
#2	2688.372	2938.192	59435.63	6354.691	4622.573
#3	2687.088	2927.605	59333.74	6256.347	4613.055

Sample Name: PB116351BL Acquired: 01/15/2019 17:19:21 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004960	.0001734	.0028882	-.000941	.0002788	-.008307	-.001817
Stddev	.0061980	.0013583	.0006564	.000982	.0008471	.003689	.000411
%RSD	1249.528	783.1785	22.72706	104.3493	303.8275	44.41029	22.61345

#1	-.005904	-.001195	.0035392	-.000006	.0009664	-.006684	-.001697
#2	.006470	.000195	.0022265	-.000854	.0005376	-.005707	-.002275
#3	.000923	.001521	.0028988	-.001964	-.000668	-.012530	-.001480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	.0000084	-.007716	-.000040	.0002821	-.004635	.0156020
Stddev	.000050	.0000924	.002316	.000342	.0001100	.004792	.0132688
%RSD	242.6828	1095.306	30.01384	854.4338	38.98378	103.3833	85.04588

#1	-.000019	.0001058	-.010346	.000120	.0004087	-.000318	.0170588
#2	-.000071	-.000002	-.005982	-.000432	.0002272	-.003796	.0016649
#3	.000029	-.000078	-.006819	.000193	.0002104	-.009791	.0280823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000835	.0038788	-.000146	.0007824	.1783116	.0051323	-.000581
Stddev	.000201	.0392839	.000225	.0003384	.1215653	.0079291	.000066
%RSD	24.02640	1012.775	154.1581	43.24946	68.17579	154.4941	11.36924

#1	-.000890	-.004108	-.000138	.0010413	.1613405	.0142084	-.000631
#2	-.000612	-.030798	-.000375	.0009064	.3074707	-.000449	-.000506
#3	-.001001	.046542	.000075	.0003995	.0661235	.001637	-.000605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1489283	-.001669	-.002987	-.000069	-.000063	.0029266	-.001937
Stddev	.0673489	.002251	.000688	.000111	.003782	.0005014	.000628
%RSD	45.22231	134.8464	23.03336	160.0533	5999.697	17.13348	32.42729

#1	.1555788	-.001714	-.002756	-.000132	.000494	.0027318	-.001429
#2	.0785010	.000603	-.003761	-.000134	.003410	.0025518	-.002640
#3	.2127053	-.003898	-.002444	.000059	-.004093	.0034962	-.001743

Sample Name: PB116351BL Acquired: 01/15/2019 17:19:21 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000939	-.001319	-.000083
Stddev	.001312	.000593	.000073
%RSD	139.6613	44.93868	88.45876

#1	-.002173	-.001857	-.000101
#2	-.001084	-.001418	-.000002
#3	.000439	-.000683	-.000145

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2692.151	2953.207	58805.81	6190.230	4604.366
Stddev	10.388	9.821	169.43	16.000	19.420
%RSD	.3858513	.3325441	.2881243	.2584789	.4217765

#1	2692.509	2960.123	58700.71	6192.880	4616.616
#2	2702.355	2957.532	59001.27	6173.070	4614.507
#3	2681.589	2941.966	58715.46	6204.740	4581.975

Sample Name: PB116351BS Acquired: 01/15/2019 17:23:13 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8174587	2.160757	1.057855	1.788916	.8594581	2.096386
Stddev	.0122530	.029088	.015381	.025165	.0109316	.019613
%RSD	1.498916	1.346200	1.454024	1.406705	1.271913	.9355488

#1	.8068285	2.134193	1.042778	1.767846	.8488212	2.099514
#2	.8146876	2.156238	1.057262	1.782121	.8588908	2.114247
#3	.8308599	2.191840	1.073524	1.816780	.8706622	2.075398

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2154243	.1893105	.2060391	1.050252	.4317511	.2179248
Stddev	.0022077	.0011944	.0028498	.026239	.0012190	.0027432
%RSD	1.024828	.6309321	1.383148	2.498359	.2823479	1.258774

#1	.2138709	.1896011	.2033753	1.043730	.4325728	.2150244
#2	.2179515	.1903328	.2056979	1.079136	.4303504	.2182725
#3	.2144504	.1879976	.2090442	1.027888	.4323300	.2204776

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3164312	3.227786	.2094848	1.986818	.5537754	.0749163
Stddev	.0039217	.059512	.0034568	.017855	.0070114	.0005118
%RSD	1.239348	1.843739	1.650148	.8986967	1.266102	.6831345

#1	.3119087	3.214965	.2123677	2.007362	.5469654	.0744302
#2	.3184934	3.292663	.2104341	1.978057	.5533885	.0754503
#3	.3188916	3.175729	.2056525	1.975035	.5609721	.0748685

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.133490	.3238095	.2150633	10.60283	F 6.099836	.2803277
Stddev	.114592	.0037482	.0015232	.09846	.086543	.0026837
%RSD	3.657011	1.157546	.7082434	.9286401	1.418769	.9573564

#1	3.158619	.3231418	.2133436	10.51339	6.015373	.2786716
#2	3.233432	.3204399	.2162425	10.70834	6.095816	.2834241
#3	3.008419	.3278466	.2156038	10.58678	6.188318	.2788875

Sample Name: PB116351BS Acquired: 01/15/2019 17:23:13 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4379104	F .0696469	.9028764	.7626836	.2121391	.2082938
Stddev	.0042739	.0018156	.0040193	.0091078	.0010693	.0034523
%RSD	.9759743	2.606843	.4451691	1.194180	.5040405	1.657425

#1	.4338108	.0677134	.9025213	.7544516	.2109113	.2045419
#2	.4375809	.0699119	.9070615	.7611314	.2126408	.2113364
#3	.4423395	.0713154	.8990464	.7724678	.2128653	.2090030

Elem	Sr4077
Units	ppm
Avg	.2030350
Stddev	.0014542
%RSD	.7162189

#1	.2018725
#2	.2046656
#3	.2025670

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.306	2925.745	59591.36	6311.919	4623.688
Stddev	25.290	8.277	206.53	62.886	15.399
%RSD	.9435453	.2828912	.3465763	.9963095	.3330548

#1	2704.860	2930.489	59608.20	6319.150	4635.069
#2	2654.340	2930.557	59376.92	6245.730	4629.829
#3	2681.718	2916.188	59788.95	6370.877	4606.166

Sample Name: K1131-03 Acquired: 01/15/2019 17:26:53 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: SU-02-011119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155867	-.012638	.0054538	-.013539	.0074403	4.011345
Stddev	.0018193	.000425	.0017845	.004660	.0011112	.025518
%RSD	11.67216	3.364711	32.72107	34.41855	14.93436	.6361428

#1	.0155794	-.013119	.0052043	-.013204	.0084354	3.993828
#2	.0137710	-.012483	.0038072	-.018358	.0062413	3.999585
#3	.0174096	-.012312	.0073500	-.009056	.0076441	4.040623

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604411	.0027423	.0020354	F 4097.796	.0173852	.0268534
Stddev	.0013782	.0001023	.0000906	31.301	.0004450	.0006641
%RSD	2.280209	3.729962	4.451248	.7638494	2.559475	2.473022

#1	.0596783	.0028589	.0020157	4069.545	.0174841	.0274478
#2	.0596128	.0027004	.0021342	4131.445	.0168991	.0261366
#3	.0620320	.0026676	.0019563	4092.397	.0177724	.0269757

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473489	61.27835	5.136293	F 2564.477	.0296888	-.006499
Stddev	.0046147	.22543	.017874	11.207	.0009820	.000410
%RSD	9.746093	.3678802	.3479877	.4369901	3.307609	6.310113

#1	.0512058	61.01834	5.116907	2551.609	.0303478	-.006935
#2	.0486046	61.41898	5.152118	2572.096	.0285601	-.006121
#3	.0422363	61.39774	5.139855	2569.725	.0301583	-.006441

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7426487	.0440206	.1194396	.8601913	3.165910	-.121027
Stddev	.1468628	.0058448	.0018279	.0445340	.011296	.000450
%RSD	19.77554	13.27745	1.530416	5.177215	.3568108	.3719810

#1	.6609210	.0386465	.1212211	.8261523	3.164073	-.121025
#2	.9121948	.0502433	.1175686	.9105916	3.178012	-.120578
#3	.6548304	.0431718	.1195289	.8438299	3.155645	-.121478

Sample Name: K1131-03 Acquired: 01/15/2019 17:26:53 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: SU-02-011119 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057111	1.026897	1.032619	-.002877	.0107677	.1850836
Stddev	.0004562	.014575	.004550	.001696	.0002080	.0006444
%RSD	7.987800	1.419343	.4405902	58.95086	1.931682	.3481915
#1	.0057560	1.042661	1.034292	-.001404	.0107207	.1857598
#2	.0052341	1.013909	1.036095	-.004732	.0105872	.1844764
#3	.0061431	1.024122	1.027470	-.002497	.0109952	.1850146

Elem	Sr4077
Units	ppm
Avg	.8531061
Stddev	.0006465
%RSD	.0757825
#1	.8535730
#2	.8523682
#3	.8533771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.762	2307.764	53827.22	5738.374	2901.880
Stddev	17.865	4.714	100.37	20.706	7.244
%RSD	.7884983	.2042699	.1864678	.3608287	.2496176
#1	2255.536	2308.202	53762.54	5716.361	2895.717
#2	2286.391	2312.244	53942.85	5741.301	2909.859
#3	2255.359	2302.846	53776.27	5757.461	2900.064

Sample Name: K1131-03DUP Acquired: 01/15/2019 17:30:51 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: SU-02-011119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257221	-.009498	.0044661	-.017139	.0058722	4.121001
Stddev	.0073759	.003347	.0018435	.003373	.0006409	.032314
%RSD	28.67534	35.24307	41.27724	19.67853	10.91413	.7841418

#1	.0341272	-.010081	.0045700	-.019384	.0063134	4.147402
#2	.0227109	-.012515	.0062555	-.013261	.0061661	4.084964
#3	.0203282	-.005897	.0025729	-.018773	.0051370	4.130636

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619058	.0028877	.0020518	F 4201.186	.0183013	.0286413
Stddev	.0010398	.0000539	.0001581	89.011	.0003942	.0009137
%RSD	1.679671	1.865064	7.707258	2.118710	2.153833	3.190185

#1	.0609626	.0028262	.0018699	4105.370	.0180350	.0276668
#2	.0617340	.0029108	.0021567	4216.886	.0181149	.0287784
#3	.0630208	.0029263	.0021288	4281.302	.0187542	.0294787

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483887	62.37380	5.244226	F 2611.055	.0305866	-.006504
Stddev	.0031951	.04744	.011438	1.105	.0011626	.000119
%RSD	6.602945	.0760637	.2180988	.0423101	3.801049	1.822170

#1	.0447277	62.42855	5.250055	2609.855	.0315963	-.006580
#2	.0498242	62.34806	5.251575	2611.278	.0293156	-.006368
#3	.0506143	62.34479	5.231048	2612.030	.0308481	-.006565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8949119	.0447163	.1234869	.8070670	3.375797	-.121818
Stddev	.1637967	.0033699	.0008802	.0493212	.031952	.000237
%RSD	18.30311	7.536180	.7127883	6.111161	.9465037	.1942707

#1	.8665276	.0409000	.1229080	.7507556	3.340718	-.121957
#2	1.071046	.0459662	.1230528	.8278511	3.383437	-.121545
#3	.747162	.0472827	.1244998	.8425944	3.403237	-.121952

Sample Name: K1131-03DUP Acquired: 01/15/2019 17:30:51 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: SU-02-011119 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058081	1.116742	1.047239	-.003048	.0114023	.1884311
Stddev	.0005927	.024654	.012742	.001987	.0036352	.0017152
%RSD	10.20437	2.207660	1.216729	65.21083	31.88154	.9102721

#1	.0064606	1.095792	1.043275	-.005332	.0155626	.1867573
#2	.0053033	1.110525	1.036951	-.001717	.0098059	.1883510
#3	.0056602	1.143910	1.061492	-.002094	.0088384	.1901849

Elem	Sr4077
Units	ppm
Avg	.8675790
Stddev	.0125921
%RSD	1.451410

#1	.8656183
#2	.8560823
#3	.8810365

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2159.081	2187.467	51726.71	5626.705	2732.895
Stddev	17.038	15.362	246.13	40.334	22.502
%RSD	.7891373	.7022550	.4758328	.7168238	.8233649

#1	2175.454	2200.669	51960.19	5629.741	2752.776
#2	2141.447	2191.125	51469.62	5665.435	2737.442
#3	2160.343	2170.606	51750.32	5584.939	2708.467

Sample Name: K1131-03LX5 Acquired: 01/15/2019 17:34:49 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121263	-.001555	.0024498	-.004577	.0012534	.8797785
Stddev	.0034069	.001580	.0010237	.001045	.0008744	.0034430
%RSD	28.09540	101.6246	41.78614	22.84211	69.76304	.3913449

#1	.0154669	-.000290	.0023528	-.005774	.0005211	.8773858
#2	.0122551	-.001049	.0014780	-.003849	.0010177	.8837245
#3	.0086567	-.003326	.0035185	-.004106	.0022216	.8782254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101331	.0006427	.0002058	F 947.8749	.0044967	.0047110
Stddev	.0003180	.0000619	.0000444	6.1038	.0003132	.0002639
%RSD	3.138113	9.626818	21.58059	.6439496	6.964683	5.600962

#1	.0098680	.0006128	.0001775	951.5891	.0048569	.0044432
#2	.0100456	.0006016	.0001830	951.2053	.0042891	.0047190
#3	.0104857	.0007139	.0002570	940.8303	.0043440	.0049708

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084339	13.82675	1.162030	565.6162	.0060019	-.000250
Stddev	.0008773	.06044	.007412	3.2647	.0001304	.000143
%RSD	10.40180	.4371596	.6378284	.5771903	2.172615	57.15048

#1	.0092619	13.79444	1.167717	567.4695	.0061444	-.000183
#2	.0075145	13.89648	1.164725	567.5325	.0059728	-.000414
#3	.0085255	13.78931	1.153648	561.8466	.0058886	-.000152

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1260962	.0099674	.0254948	.2311379	.5901264	-.028269
Stddev	.1033948	.0061103	.0004019	.0235504	.0007219	.000713
%RSD	81.99674	61.30218	1.576561	10.18888	.1223311	2.520594

#1	.2317131	.0029130	.0250450	.2068061	.5905688	-.028367
#2	.1214987	.0136001	.0258189	.2538201	.5905169	-.028927
#3	.0250769	.0133893	.0256203	.2327874	.5892933	-.027512

Sample Name: K1131-03LX5 Acquired: 01/15/2019 17:34:49 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010907	.1843751	.2332890	-.005909	.0029231	.0360301
Stddev	.0001471	.0021993	.0033251	.001006	.0035144	.0007061
%RSD	13.48145	1.192843	1.425301	17.01536	120.2304	1.959853

#1	.0012556	.1832019	.2305883	-.006485	.0065850	.0352567
#2	.0009732	.1869123	.2322759	-.006495	-.000423	.0366404
#3	.0010434	.1830112	.2370028	-.004748	.002607	.0361933

Elem	Sr4077
Units	ppm
Avg	.1814467
Stddev	.0007581
%RSD	.4178270

#1	.1822958
#2	.1808376
#3	.1812067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.587	2605.942	57138.09	5899.377	3739.564
Stddev	10.019	20.841	96.10	36.862	24.513
%RSD	.4050353	.7997370	.1681869	.6248501	.6554978

#1	2485.148	2628.720	57241.40	5858.666	3767.043
#2	2468.181	2587.830	57051.36	5930.493	3719.947
#3	2467.432	2601.276	57121.50	5908.971	3731.702

Sample Name: K1131-03MS Acquired: 01/15/2019 17:38:41 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RT-3451 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8612280	1.954684	1.030745	1.709584	.7113429	7.086927
Stddev	.0137472	.013619	.012681	.012658	.0050289	.063151
%RSD	1.596227	.6967319	1.230285	.7403983	.7069553	.8910861

#1	.8590766	1.942698	1.016325	1.701034	.7085483	7.121490
#2	.8486834	1.951860	1.035754	1.703592	.7083320	7.125251
#3	.8759240	1.969493	1.040157	1.724125	.7171484	7.014039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2646947	.1723222	.1949321	F 4007.460	.3561159	.2370724
Stddev	.0009457	.0012258	.0016402	22.850	.0025459	.0011537
%RSD	.3572956	.7113717	.8414167	.5701968	.7149000	.4866279

#1	.2648757	.1733061	.1935503	4027.202	.3551368	.2359126
#2	.2655368	.1727114	.1945013	4012.748	.3542049	.2370848
#3	.2636715	.1709489	.1967446	3982.429	.3590059	.2382198

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3542548	61.77533	5.124550	F 2492.214	.5421403	.0766994
Stddev	.0051435	.58374	.043462	19.785	.0036604	.0003190
%RSD	1.451923	.9449450	.8481068	.7938723	.6751754	.4159109

#1	.3600929	61.93034	5.129407	2493.392	.5388341	.0766847
#2	.3522811	62.26593	5.165379	2511.384	.5415130	.0770255
#3	.3503905	61.12973	5.078864	2471.867	.5460738	.0763880

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.846282	.3220947	.3108442	12.68840	10.55974	.1498585
Stddev	.161946	.0031490	.0011935	.12746	.12625	.0015181
%RSD	4.210456	.9776621	.3839670	1.004564	1.195550	1.013018

#1	3.751430	.3252234	.3115221	12.76188	10.43952	.1516112
#2	4.033274	.3221349	.3094660	12.76210	10.54845	.1489620
#3	3.754141	.3189258	.3115443	12.54122	10.69126	.1490021

Sample Name: K1131-03MS Acquired: 01/15/2019 17:38:41 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RT-3451 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3863334	1.031136	1.826073	.7668530	.2210697	.4195391
Stddev	.0030345	.014504	.019262	.0079572	.0004918	.0019645
%RSD	.7854525	1.406569	1.054845	1.037641	.2224786	.4682613

#1	.3840785	1.014807	1.843805	.7578840	.2205257	.4181684
#2	.3851383	1.042521	1.828836	.7696098	.2214830	.4217897
#3	.3897835	1.036081	1.805579	.7730652	.2212004	.4186590

Elem	Sr4077
Units	ppm
Avg	1.016953
Stddev	.007458
%RSD	.7333203

#1	1.025220
#2	1.014909
#3	1.010731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.791	2336.979	54727.90	5846.418	2945.629
Stddev	9.676	5.527	52.10	53.568	10.857
%RSD	.4255431	.2364817	.0951893	.9162586	.3685650

#1	2263.116	2337.637	54669.14	5812.557	2952.832
#2	2276.271	2342.146	54768.42	5818.518	2950.913
#3	2281.985	2331.152	54746.14	5908.177	2933.142

Sample Name: K1015-05 Acquired: 01/15/2019 17:42:28 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RBR-200053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053855	.0011420	.2920177	-.079473	.0150596	317.0187	.9682103
Stddev	.0047663	.0033458	.0017571	.004079	.0018711	1.6040	.0045902
%RSD	88.50261	292.9741	.6017158	5.132399	12.42437	.5059633	.4740861

#1	.0107491	.0045663	.2900214	-.074863	.0152616	318.7736	.9727557
#2	.0016352	.0009791	.2927018	-.080940	.0168215	315.6283	.9635767
#3	.0037722	-.002119	.2933298	-.082615	.0130957	316.6543	.9682984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098977	.0118515	73.55001	.4398378	.4178076	.7187022	503.3197
Stddev	.0001045	.0004117	.37849	.0008549	.0060508	.0042008	2.9705
%RSD	1.055394	3.473356	.5145956	.1943570	1.448219	.5844948	.5901877

#1	.0100168	.0114557	73.98541	.4389115	.4126776	.7234224	506.7437
#2	.0098216	.0118214	73.29957	.4405963	.4162649	.7153744	501.7850
#3	.0098548	.0122774	73.36505	.4400056	.4244805	.7173098	501.4306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05567	83.11704	.4392466	-.032738	25.57965	1.571460	.7304954
Stddev	.07283	.51858	.0056563	.000546	.23792	.009090	.0025462
%RSD	.7242355	.6239160	1.287732	1.668804	.9300956	.5784226	.3485559

#1	10.13971	83.71581	.4343087	-.032814	25.65494	1.560977	.7328079
#2	10.01605	82.81164	.4380132	-.032157	25.77080	1.576245	.7277668
#3	10.01123	82.82368	.4454178	-.033242	25.31319	1.577158	.7309115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.541588	8.046516	-.708680	.0020690	5.175939	1.244504	.0157985
Stddev	.025307	.130998	.001640	.0003230	.092684	.003689	.0011783
%RSD	.3355690	1.628013	.2314570	15.61168	1.790674	.2963960	7.458210

#1	7.566412	7.926890	-.707003	.0024151	5.091392	1.247179	.0170248
#2	7.542527	8.026155	-.710280	.0020160	5.161388	1.246036	.0156956
#3	7.515824	8.186503	-.708758	.0017757	5.275039	1.240296	.0146750

Sample Name: K1015-05 Acquired: 01/15/2019 17:42:28 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RBR-200053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.838766	.1749288	.2534640
Stddev	.045925	.0005859	.0009124
%RSD	.4667772	.3349504	.3599555

#1	9.891791	.1755769	.2544904
#2	9.811686	.1747728	.2527453
#3	9.812820	.1744366	.2531562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.734	3480.433	74137.09	7920.799	4088.172
Stddev	24.465	29.960	405.77	54.855	46.396
%RSD	.7475518	.8608016	.5473208	.6925458	1.134882

#1	3249.277	3511.187	73908.10	7867.376	4126.196
#2	3270.829	3478.775	73897.57	7918.039	4101.843
#3	3298.096	3451.337	74605.59	7976.982	4036.476

Sample Name: K1131-03MSD Acquired: 01/15/2019 17:51:48 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: QD-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8645871	1.953653	1.030150	1.702165	.7091882	7.246119
Stddev	.0086340	.008485	.003445	.005891	.0017432	.017019
%RSD	.9986232	.4343183	.3344509	.3460746	.2458034	.2348695

#1	.8560775	1.958418	1.030693	1.695366	.7100648	7.252658
#2	.8643435	1.943856	1.026465	1.705726	.7103192	7.226801
#3	.8733402	1.958685	1.033291	1.705403	.7071807	7.258899

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2698077	.1759785	.1934069	F 4039.464	.3596503	.2372886
Stddev	.0013719	.0025586	.0005876	44.403	.0016120	.0012936
%RSD	.5084529	1.453935	.3038037	1.099221	.4482018	.5451549

#1	.2708966	.1784429	.1932470	4030.443	.3583697	.2369103
#2	.2682669	.1733351	.1929158	4000.264	.3591207	.2362263
#3	.2702597	.1761574	.1940579	4087.684	.3614604	.2387292

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3624033	62.03519	5.163273	F 2503.672	.5401342	.0774114
Stddev	.0053731	.36151	.052744	18.490	.0007516	.0006505
%RSD	1.482628	.5827455	1.021529	.7385313	.1391486	.8403379

#1	.3679752	62.21071	5.188235	2514.374	.5393569	.0774014
#2	.3619806	61.61943	5.102681	2482.321	.5408572	.0767660
#3	.3572540	62.27543	5.198903	2514.319	.5401886	.0780669

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.852594	.3258433	.3134751	12.92035	10.58544	.1531435
Stddev	.094142	.0010627	.0023418	.06289	.01242	.0006082
%RSD	2.443602	.3261421	.7470399	.4867368	.1173016	.3971420

#1	3.788243	.3253744	.3107937	12.91526	10.59603	.1538125
#2	3.960644	.3270598	.3151184	12.86017	10.57178	.1526239
#3	3.808895	.3250956	.3145132	12.98564	10.58851	.1529942

Sample Name: K1131-03MSD Acquired: 01/15/2019 17:51:48 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: QD-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3844196	1.029200	1.790611	.7612437	.2252037	.4288375
Stddev	.0013812	.001270	.022641	.0062801	.0054301	.0035140
%RSD	.3592934	.1234378	1.264407	.8249821	2.411219	.8194303
#1	.3859666	1.029972	1.812996	.7573299	.2227520	.4309466
#2	.3833104	1.029895	1.767723	.7579136	.2314274	.4247810
#3	.3839816	1.027734	1.791114	.7684875	.2214317	.4307851

Elem	Sr4077
Units	ppm
Avg	1.037253
Stddev	.003147
%RSD	.3033669
#1	1.040456
#2	1.037139
#3	1.034165

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.686	2356.562	55170.14	5813.538	2971.651
Stddev	21.450	9.622	320.08	58.872	7.143
%RSD	.9323366	.4083274	.5801640	1.012674	.2403758
#1	2324.431	2345.497	55450.33	5764.059	2965.309
#2	2282.712	2362.974	55238.78	5878.648	2979.389
#3	2294.915	2361.215	54821.31	5797.908	2970.254

Sample Name: CCV06 Acquired: 01/15/2019 17:55:36 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV14464 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.352138	5.476870	5.302166	5.212882	5.450926	10.41053	10.81114
Stddev	.063685	.066219	.067192	.050972	.051416	.05568	.02789
%RSD	1.189900	1.209059	1.267252	.9778054	.9432487	.5348324	.2580173

#1	5.297140	5.421828	5.251771	5.172459	5.409945	10.38745	10.83285
#2	5.337362	5.458427	5.276275	5.196045	5.434214	10.37009	10.77968
#3	5.421912	5.550355	5.378452	5.270143	5.508619	10.47403	10.82090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2521512	2.556555	25.85518	1.035424	2.652637	1.318316	5.056404
Stddev	.0022437	.032067	.35945	.003690	.030675	.008144	.058353
%RSD	.8898242	1.254295	1.390251	.3563378	1.156386	.6177514	1.154039

#1	.2519267	2.529050	25.51989	1.034269	2.626793	1.312050	4.990485
#2	.2500281	2.548838	25.81093	1.032451	2.644584	1.315377	5.101449
#3	.2544986	2.591775	26.23470	1.039553	2.686536	1.327522	5.077279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.566697	25.20538	2.689174	1.270167	25.59219	2.593097	2.648177
Stddev	.025548	.27724	.031576	.003917	.08367	.023240	.012287
%RSD	.9953810	1.099914	1.174173	.3083899	.3269501	.8962147	.4639932

#1	2.543519	25.01807	2.663239	1.270885	25.50171	2.580574	2.661938
#2	2.562481	25.07421	2.679948	1.265940	25.60809	2.578804	2.644290
#3	2.594091	25.52386	2.724335	1.273674	25.66677	2.619912	2.638303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.87561	5.455742	5.046970	5.218174	5.187007	5.079230	5.280576
Stddev	.11618	.049019	.049409	.051234	.059969	.045568	.062288
%RSD	.4322900	.8984849	.9789782	.9818381	1.156134	.8971368	1.179561

#1	26.78915	5.413229	5.044053	5.175490	5.138087	5.075153	5.232027
#2	26.83000	5.444636	4.999084	5.204041	5.169025	5.035838	5.258893
#3	27.00767	5.509361	5.097773	5.274991	5.253910	5.126699	5.350807

Sample Name: CCV06 Acquired: 01/15/2019 17:55:36 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV14464 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.205361	5.238109	5.166055
Stddev	.026692	.015955	.002498
%RSD	.5127739	.3045951	.0483517

#1	5.193110	5.233670	5.167472
#2	5.186994	5.224843	5.163171
#3	5.235979	5.255813	5.167522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.254	2935.335	60676.13	6315.136	4555.213
Stddev	18.228	27.987	27.62	32.038	48.838
%RSD	.6690943	.9534563	.0455252	.5073184	1.072139

#1	2709.956	2957.607	60693.63	6320.994	4595.813
#2	2718.026	2944.479	60690.47	6343.841	4568.809
#3	2744.779	2903.920	60644.28	6280.574	4501.018

Sample Name: CCB06 Acquired: 01/15/2019 17:59:07 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB14464 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018194	.0008129	.0017283	-.001094	-.000491	-.008003	-.000296
Stddev	.0032054	.0011935	.0008850	.000187	.000240	.008457	.000744
%RSD	176.1788	146.8279	51.20872	17.07217	48.89005	105.6611	251.3888

#1	.0018969	.0021791	.0027257	-.001300	-.000763	.000865	-.000102
#2	.0049853	.0002864	.0014227	-.000936	-.000401	-.008899	-.001118
#3	-.001424	-.000027	.0010366	-.001046	-.000309	-.015977	.000332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0000489	.1444231	-.000208	.0002093	-.001625	.0074520
Stddev	.000022	.0000785	.0215758	.000247	.0001346	.002310	.0094169
%RSD	65.68669	160.7300	14.93929	118.5145	64.30573	142.1920	126.3677

#1	-.000019	.0001244	.1673342	-.000126	.0000692	-.000107	-.003396
#2	-.000023	-.000032	.1414424	-.000013	.0002211	-.000484	.013521
#3	-.000060	.000054	.1244926	-.000486	.0003375	-.004284	.012231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002490	.1230146	-.000073	.0008002	-.037930	.0029275	-.000348
Stddev	.0004985	.0206933	.000003	.0002493	.123850	.0062152	.000237
%RSD	200.1887	16.82180	4.697339	31.15445	326.5232	212.3021	68.09762

#1	-.000326	.0991408	-.000077	.0005510	.008265	-.002326	-.000528
#2	.000508	.1358131	-.000070	.0010496	.056183	.001320	-.000437
#3	.000564	.1340898	-.000073	.0008000	-.178239	.009789	-.000079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0863850	-.001697	.0031019	.0001500	.0000048	.0049254	-.001170
Stddev	.0219019	.001720	.0003153	.0001522	.0016665	.0008312	.000463
%RSD	25.35385	101.3925	10.16567	101.5093	34865.13	16.87648	39.61367

#1	.0689406	-.000981	.0027907	.0003257	-.001590	.0039670	-.000802
#2	.0792496	-.000450	.0034212	.0000604	.001735	.0054499	-.001016
#3	.1109648	-.003659	.0030936	.0000638	-.000130	.0053594	-.001690

Sample Name: CCB06 Acquired: 01/15/2019 17:59:07 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB14464 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004334	.0003079	.0000326
Stddev	.0006986	.0023549	.0000715
%RSD	161.1878	764.7691	218.9902

#1	-.000263	-.001873	.0001147
#2	.000429	.002805	-.000001
#3	.001134	-.000009	-.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.100	2975.063	60648.86	6355.947	4679.250
Stddev	36.456	32.809	374.95	40.987	44.604
%RSD	1.314144	1.102812	.6182249	.6448552	.9532323

#1	2732.721	3003.011	60251.30	6370.680	4715.364
#2	2801.487	2983.238	60996.11	6387.530	4692.994
#3	2788.091	2938.939	60699.19	6309.630	4629.391

Sample Name: K1131-03A Acquired: 01/15/2019 18:03:00 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PB116366BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8844728	2.007383	1.069313	1.759605	.7264030	7.344088
Stddev	.0132693	.009521	.007805	.005653	.0009904	.036951
%RSD	1.500251	.4743091	.7299207	.3212584	.1363450	.5031436

#1	.8755773	1.997617	1.060806	1.757673	.7253864	7.302767
#2	.8781165	2.016639	1.070991	1.755172	.7264578	7.355534
#3	.8997246	2.007891	1.076143	1.765971	.7273649	7.373961

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2717289	.1792040	.2007714	F 4154.241	.3680323	.2447532
Stddev	.0021982	.0014875	.0009150	36.240	.0026601	.0011370
%RSD	.8089777	.8300529	.4557267	.8723664	.7227936	.4645522

#1	.2710129	.1775173	.1997675	4122.722	.3709812	.2435307
#2	.2699780	.1803282	.2009883	4146.163	.3658133	.2457790
#3	.2741959	.1797665	.2015584	4193.839	.3673025	.2449500

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3645400	63.84401	5.316519	F 2575.343	.5561015	.0802268
Stddev	.0036651	.29041	.036439	14.416	.0022480	.0010312
%RSD	1.005398	.4548797	.6853898	.5597688	.4042504	1.285385

#1	.3631885	63.57582	5.274554	2558.724	.5538451	.0812771
#2	.3686889	64.15245	5.340144	2584.468	.5583411	.0792158
#3	.3617425	63.80377	5.334860	2582.838	.5561182	.0801874

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.056685	.3336058	.3173072	13.04301	10.94746	.1591816
Stddev	.073556	.0066744	.0012097	.05443	.05343	.0010360
%RSD	1.813200	2.000685	.3812237	.4173322	.4881017	.6508149

#1	3.998405	.3330229	.3178799	12.98036	10.89166	.1579860
#2	4.139332	.3405526	.3159175	13.07871	10.95254	.1597460
#3	4.032317	.3272420	.3181241	13.06996	10.99817	.1598129

Sample Name: K1131-03A Acquired: 01/15/2019 18:03:00 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PB116366BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3990836	1.059981	1.813496	.7846662	.2277440	.4423968
Stddev	.0015833	.006947	.008989	.0053020	.0030088	.0071009
%RSD	.3967293	.6553725	.4956696	.6756963	1.321130	1.605091

#1	.3976517	1.057077	1.805942	.7787583	.2311825	.4352982
#2	.3988152	1.054956	1.811110	.7890107	.2255943	.4494999
#3	.4007839	1.067908	1.823438	.7862295	.2264553	.4423923

Elem	Sr4077
Units	ppm
Avg	1.040796
Stddev	.004423
%RSD	.4249977

#1	1.042212
#2	1.035838
#3	1.044338

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.115	2298.869	54585.81	5779.608	2901.062
Stddev	13.553	4.531	467.57	30.614	6.471
%RSD	.5910452	.1971123	.8565819	.5296979	.2230494

#1	2279.184	2303.942	54077.14	5812.900	2908.472
#2	2306.256	2297.445	54996.88	5773.255	2896.531
#3	2293.906	2295.221	54683.39	5752.668	2898.181

Sample Name: K1015-07 Acquired: 01/15/2019 18:06:48 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: SU-02-011119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053358	-.003835	.1921365	-.060771	.0106954	231.9482	.9562474
Stddev	.0028189	.002855	.0011980	.002325	.0011595	.9219	.0033269
%RSD	52.82924	74.43641	.6235229	3.826417	10.84127	.3974584	.3479140

#1	.0020809	-.000606	.1935174	-.058265	.0094602	231.2654	.9546233
#2	.0069728	-.006022	.1915169	-.062858	.0117604	232.9968	.9600744
#3	.0069538	-.004878	.1913751	-.061191	.0108657	231.5823	.9540445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088719	.0082529	71.25818	.2053963	.3088369	.6928238	404.0307
Stddev	.0000662	.0003548	.37796	.0004852	.0032156	.0042404	1.9549
%RSD	.7463338	4.299402	.5304024	.2362404	1.041193	.6120418	.4838574

#1	.0088547	.0082223	71.01448	.2059483	.3068757	.6888126	402.2486
#2	.0088161	.0079144	71.69357	.2052036	.3070871	.6972612	406.1216
#3	.0089451	.0086220	71.06648	.2050371	.3125480	.6923977	403.7218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.106003	67.50581	.3365100	-.026363	18.14039	1.083004	.6106806
Stddev	.039794	.20643	.0028641	.000424	.18912	.004157	.0013173
%RSD	.5600119	.3057981	.8511089	1.609616	1.042544	.3838030	.2157141

#1	7.074891	67.36088	.3348308	-.026807	18.10164	1.078725	.6108422
#2	7.150844	67.74216	.3348822	-.025961	18.34588	1.087026	.6119097
#3	7.092273	67.41438	.3398170	-.026320	17.97364	1.083261	.6092900

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.553275	8.311701	-.527828	.0028302	4.120908	1.433296	.0227542
Stddev	.075002	.072549	.009482	.0003789	.039914	.011086	.0010064
%RSD	.9929707	.8728587	1.796391	13.38748	.9685835	.7734696	4.423016

#1	7.546370	8.269448	-.538742	.0025729	4.088813	1.440913	.0221663
#2	7.631490	8.270182	-.521618	.0032653	4.108311	1.420578	.0239163
#3	7.481964	8.395473	-.523124	.0026524	4.165602	1.438398	.0221800

Sample Name: K1015-07 Acquired: 01/15/2019 18:06:48 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: SU-02-011119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.582163	.1452077	.2367912
Stddev	.025953	.0020611	.0005090
%RSD	.4649246	1.419422	.2149578

#1	5.572278	.1431395	.2362324
#2	5.611606	.1472616	.2372284
#3	5.562605	.1452219	.2369128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.156	3628.800	75629.43	8000.809	4317.947
Stddev	13.496	24.335	220.50	38.278	31.680
%RSD	.3995031	.6706066	.2915555	.4784215	.7336887

#1	3386.189	3639.540	75505.96	7972.049	4332.228
#2	3362.575	3645.917	75498.33	7986.123	4339.974
#3	3385.704	3600.942	75884.01	8044.255	4281.641

Sample Name: K1080-01 Acquired: 01/15/2019 18:10:27 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626660	-.002505	.4783867	-.004811	.0155034	105.8631
Stddev	.0038521	.001830	.0040160	.004776	.0021158	1.0253
%RSD	6.146994	73.05325	.8394857	99.26718	13.64757	.9685078

#1	.0597624	-.004564	.4747981	-.010193	.0169596	104.6849
#2	.0611998	-.001885	.4776376	-.001080	.0130764	106.3508
#3	.0670359	-.001065	.4827245	-.003160	.0164743	106.5534

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.114421	.0045598	.0077649	F 2781.292	.1225906	.0591116
Stddev	.004192	.0000757	.0002278	26.514	.0004070	.0007035
%RSD	.3761908	1.660764	2.933425	.9532844	.3319950	1.190195

#1	1.109850	.0044724	.0075174	2750.680	.1229203	.0585375
#2	1.115325	.0046059	.0078118	2796.927	.1221357	.0589009
#3	1.118087	.0046010	.0079656	2796.271	.1227157	.0598964

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5124786	134.1008	3.339585	178.1128	.1958870	-.009321
Stddev	.0062702	2.1511	.066469	3.2644	.0019781	.000739
%RSD	1.223501	1.604087	1.990336	1.832756	1.009817	7.926255

#1	.5055401	131.6221	3.262956	174.3906	.1939556	-.009805
#2	.5141569	135.2016	3.381659	179.4593	.1957968	-.008471
#3	.5177389	135.4788	3.374139	180.4886	.1979087	-.009688

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.380416	.2677213	.8956993	3.722496	4.770278	-.074748
Stddev	.156086	.0041705	.0032709	.093164	.071815	.003409
%RSD	3.563272	1.557768	.3651833	2.502722	1.505469	4.560303

#1	4.254488	.2630562	.8990744	3.614922	4.698608	-.072289
#2	4.331714	.2710885	.8925435	3.776815	4.769989	-.073317
#3	4.555047	.2690192	.8954800	3.775751	4.842237	-.078639

Sample Name: K1080-01 Acquired: 01/15/2019 18:10:27 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054206	55.86975	1.873288	.0418061	4.416361	.1419075
Stddev	.0001785	.89445	.035159	.0013835	.038526	.0044636
%RSD	3.292054	1.600960	1.876878	3.309262	.8723527	3.145454

#1	.0054778	55.02795	1.833584	.0410880	4.371887	.1371227
#2	.0052206	55.77241	1.885797	.0434009	4.439491	.1459592
#3	.0055635	56.80889	1.900481	.0409293	4.437705	.1426405

Elem	Sr4077
Units	ppm
Avg	8.988533
Stddev	.118712
%RSD	1.320709

#1	8.866207
#2	9.103267
#3	8.996125

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2646.731	2761.891	61367.49	6649.561	3301.133
Stddev	18.206	26.865	224.82	69.190	40.534
%RSD	.6878716	.9727204	.3663484	1.040520	1.227875

#1	2625.998	2788.594	61173.54	6729.246	3336.116
#2	2654.086	2762.212	61315.03	6614.718	3310.570
#3	2660.109	2734.866	61613.90	6604.719	3256.713

Sample Name: K1126-01 Acquired: 01/15/2019 18:14:27 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RT-3451 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558860	-.005744	.6826253	-.016429	.0045668	35.40726	.2151206
Stddev	.0026519	.002072	.0111036	.001679	.0013626	.14985	.0006369
%RSD	4.745129	36.06743	1.626607	10.21762	29.83694	.4232074	.2960761

#1	.0528242	-.003508	.6698207	-.017515	.0032286	35.23767	.2150723
#2	.0573790	-.007599	.6884598	-.014496	.0059525	35.52178	.2157803
#3	.0574548	-.006126	.6895953	-.017277	.0045192	35.46233	.2145092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037237	.0053870	17.28344	.2256131	.0215627	.2036419	130.0966
Stddev	.0000461	.0001010	.04899	.0007400	.0006050	.0027068	.8818
%RSD	1.239275	1.875666	.2834533	.3280132	2.805991	1.329169	.6778297

#1	.0037283	.0054292	17.22728	.2251138	.0208996	.2058720	129.2328
#2	.0037673	.0052718	17.30563	.2252622	.0217038	.2006304	130.9954
#3	.0036754	.0054602	17.31740	.2264633	.0220848	.2044233	130.0616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6394236	8.364861	.0502191	-.007048	1.625341	.2334555	.9447730
Stddev	.0044478	.021256	.0007207	.000441	.210371	.0074450	.0019631
%RSD	.6956037	.2541073	1.435075	6.251447	12.94318	3.189068	.2077823

#1	.6361933	8.375146	.0493889	-.007238	1.571651	.2248854	.9426188
#2	.6444967	8.340419	.0505847	-.006545	1.857353	.2383272	.9452392
#3	.6375808	8.379019	.0506837	-.007362	1.447017	.2371538	.9464611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.940008	3.303991	-.196346	.0038582	.9980485	1.064122	.0128452
Stddev	.036986	.045613	.001193	.0001215	.0094913	.003794	.0004444
%RSD	.9387384	1.380531	.6078444	3.150051	.9509890	.3565016	3.459591

#1	3.912601	3.256910	-.195657	.0037277	.9875425	1.067299	.0124592
#2	3.925346	3.307084	-.197725	.0038789	1.000599	1.059922	.0133310
#3	3.982078	3.347978	-.195657	.0039681	1.006004	1.065144	.0127453

Sample Name: K1126-01 Acquired: 01/15/2019 18:14:27 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RT-3451 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4502032	.0131363	.0692562
Stddev	.0034960	.0011597	.0004181
%RSD	.7765342	8.828152	.6036516

#1	.4474941	.0144110	.0689422
#2	.4541495	.0128543	.0690956
#3	.4489659	.0121437	.0697307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2869.620	3077.474	63280.73	6675.999	4641.344
Stddev	4.659	33.924	70.89	8.054	51.680
%RSD	.1623691	1.102325	.1120201	.1206391	1.113481

#1	2864.762	3112.928	63204.63	6677.485	4698.070
#2	2874.052	3074.171	63344.88	6683.207	4629.025
#3	2870.045	3045.323	63292.68	6667.306	4596.936

Sample Name: K1128-01 Acquired: 01/15/2019 18:18:11 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RBR-200053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241343	-.008060	.3999618	-.081195	.0118466	465.8829	3.514874
Stddev	.0015633	.002175	.0023902	.002670	.0017314	1.0804	.006831
%RSD	6.477315	26.98709	.5976057	3.288987	14.61532	.2318979	.1943372

#1	.0235496	-.006039	.4026789	-.079278	.0122799	464.6415	3.506988
#2	.0259056	-.007780	.3990228	-.084245	.0099397	466.6104	3.518935
#3	.0229476	-.010362	.3981836	-.080061	.0133202	466.3968	3.518699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295844	.0080916	20.70411	.7203233	.4759762	.4707294	517.3722
Stddev	.0002075	.0001054	.05809	.0041166	.0015645	.0031609	1.6454
%RSD	.7012972	1.302961	.2805796	.5714956	.3286945	.6714887	.3180361

#1	.0298238	.0079938	20.63853	.7165412	.4744081	.4676642	515.5684
#2	.0294573	.0080778	20.74912	.7197207	.4759833	.4705461	517.7570
#3	.0294720	.0082033	20.72467	.7247080	.4775371	.4739780	518.7911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.29391	195.6925	.8625115	-.036324	12.02980	.6794843	1.484534
Stddev	.04140	.7191	.0037226	.000471	.20513	.0071483	.002008
%RSD	.2896278	.3674713	.4315973	1.296693	1.705180	1.052020	.1352624

#1	14.25382	194.8951	.8585586	-.035838	12.08149	.6712470	1.486401
#2	14.33650	195.8904	.8630255	-.036779	12.20413	.6840598	1.484792
#3	14.29141	196.2919	.8659503	-.036353	11.80376	.6831460	1.482410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.1829	9.648051	-.723183	-.000469	.7586383	2.461535	.0292349
Stddev	.4491	.032378	.006631	.000621	.0110222	.004531	.0005976
%RSD	.3093529	.3355942	.9169735	132.5373	1.452893	.1840589	2.044068

#1	144.7475	9.622598	-.718141	.000103	.7463416	2.460705	.0296120
#2	145.1566	9.637061	-.720714	-.001129	.7619435	2.466423	.0295467
#3	145.6446	9.684494	-.730695	-.000380	.7676297	2.457476	.0285459

Sample Name: K1128-01 Acquired: 01/15/2019 18:18:11 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RBR-200053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.689080	1.344661	.4189974
Stddev	.022403	.003217	.0010562
%RSD	.2913558	.2392778	.2520649

#1	7.663326	1.341512	.4178593
#2	7.704057	1.347943	.4199459
#3	7.699858	1.344528	.4191872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.159	3468.588	72486.07	7597.393	4164.820
Stddev	11.671	7.406	504.44	24.706	6.686
%RSD	.3611915	.2135215	.6959131	.3251849	.1605314

#1	3233.761	3476.549	72963.58	7608.581	4172.248
#2	3241.309	3467.312	72536.19	7614.525	4162.929
#3	3218.407	3461.903	71958.44	7569.073	4159.284

Sample Name: K1128-03 Acquired: 01/15/2019 18:21:49 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RBR-200036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0789479	-.008667	.3294904	-.029903	.0050922	171.6680	.7362456
Stddev	.0021315	.001627	.0037672	.002032	.0012354	1.0321	.0043553
%RSD	2.699858	18.77246	1.143353	6.796078	24.25996	.6012118	.5915597

#1	.0776347	-.006800	.3295396	-.027562	.0062773	172.8345	.7409698
#2	.0814072	-.009782	.3256989	-.031211	.0038121	170.8734	.7323901
#3	.0778018	-.009420	.3332329	-.030936	.0051871	171.2960	.7353769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071870	.0036145	49.68555	.2061710	.0937616	.3203607	231.9461
Stddev	.0001016	.0002028	.47324	.0003646	.0009219	.0008886	2.1244
%RSD	1.413891	5.610606	.9524728	.1768243	.9832184	.2773829	.9159223

#1	.0070848	.0034673	50.12917	.2057727	.0929308	.3206516	234.2171
#2	.0072880	.0035304	49.74006	.2064881	.0936006	.3193631	231.6138
#3	.0071883	.0038458	49.18741	.2062521	.0947534	.3210675	230.0073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.708427	17.75943	.1297056	-.014707	14.31810	.3456644	3.194945
Stddev	.019292	.12739	.0017897	.000385	.24224	.0045943	.007548
%RSD	.7122816	.7173015	1.379808	2.620170	1.691873	1.329133	.2362629

#1	2.729123	17.88626	.1294123	-.015145	14.20444	.3463065	3.188527
#2	2.705214	17.76056	.1280807	-.014553	14.15359	.3499039	3.193047
#3	2.690942	17.63148	.1316238	-.014422	14.59628	.3407828	3.203261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.055508	7.048986	-.385689	.0047381	3.480169	1.766734	.0518077
Stddev	.008455	.046108	.003475	.0001154	.023916	.007300	.0012717
%RSD	.1396329	.6541122	.9009093	2.436026	.6872219	.4132029	2.454567

#1	6.058825	7.017068	-.389540	.0046319	3.467527	1.770211	.0517001
#2	6.045897	7.028040	-.384737	.0048609	3.465227	1.771647	.0505933
#3	6.061802	7.101849	-.382789	.0047215	3.507754	1.758346	.0531298

Sample Name: K1128-03 Acquired: 01/15/2019 18:21:49 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: RBR-200036 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.167426	.0828055	.2409250
Stddev	.011527	.0008840	.0015224
%RSD	.9873821	1.067607	.6318890

#1	1.180683	.0835882	.2417453
#2	1.159763	.0818467	.2391684
#3	1.161834	.0829815	.2418614

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.476	3447.376	71098.26	7456.211	4535.931
Stddev	20.989	4.656	519.40	43.247	23.836
%RSD	.6586913	.1350498	.7305327	.5800069	.5255017

#1	3170.991	3448.985	70594.65	7447.937	4544.977
#2	3210.365	3451.014	71632.12	7417.699	4553.921
#3	3178.072	3442.130	71068.03	7502.996	4508.896

Sample Name: K1129-01 Acquired: 01/15/2019 18:25:33 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: P-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588358	-.008128	.9349431	-.061965	.0129291	221.9560	.9399174
Stddev	.0031055	.001169	.0085059	.001093	.0007611	.7387	.0018349
%RSD	5.278346	14.38133	.9097772	1.764037	5.886473	.3327945	.1952138

#1	.0618750	-.008490	.9314779	-.062863	.0128225	221.7392	.9378427
#2	.0589645	-.006821	.9287168	-.062286	.0122270	221.3501	.9405831
#3	.0556679	-.009072	.9446347	-.060748	.0137379	222.7789	.9413265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124281	.0080724	19.12546	.6471323	.1998914	.4652525	454.3859
Stddev	.0001218	.0001315	.19523	.0012007	.0015364	.0009888	2.5789
%RSD	.9797039	1.629449	1.020761	.1855474	.7686227	.2125351	.5675633

#1	.0125687	.0080579	19.20716	.6471563	.1988633	.4641216	456.0760
#2	.0123548	.0079487	18.90265	.6459198	.1991534	.4659543	451.4176
#3	.0123609	.0082106	19.26656	.6483209	.2016576	.4656817	455.6643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.962813	39.81762	.2633329	-.029241	9.024091	.9787895	.8465179
Stddev	.033290	.25786	.0016446	.000538	.192849	.0086738	.0015539
%RSD	.8400532	.6476029	.6245432	1.838508	2.137043	.8861746	.1835616

#1	3.967232	39.82823	.2619454	-.028771	8.951700	.9749633	.8447303
#2	3.927534	39.55463	.2629036	-.029827	8.877913	.9887185	.8475453
#3	3.993672	40.07002	.2651495	-.029124	9.242660	.9726866	.8472783

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.832790	5.596224	-.781153	.0075571	1.099025	2.162123	.0224513
Stddev	.052054	.029501	.008809	.0001209	.003720	.008728	.0009490
%RSD	.7618190	.5271505	1.127740	1.599308	.3384472	.4036795	4.226992

#1	6.871740	5.592002	-.777350	.0076802	1.094787	2.164902	.0223300
#2	6.773670	5.569061	-.774884	.0075524	1.100541	2.152343	.0234551
#3	6.852960	5.627607	-.791225	.0074386	1.101747	2.169123	.0215687

Sample Name: K1129-01 Acquired: 01/15/2019 18:25:33 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: P-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.487468	.1988342	.1228391
Stddev	.008402	.0005740	.0004983
%RSD	.1872406	.2886772	.4056283

#1	4.479210	.1994968	.1222953
#2	4.487186	.1985180	.1232737
#3	4.496008	.1984879	.1229482

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.488	3374.689	70219.30	7354.285	4434.342
Stddev	17.600	13.464	383.10	12.731	22.884
%RSD	.5588186	.3989711	.5455760	.1731048	.5160578

#1	3167.916	3378.362	70646.81	7341.619	4443.975
#2	3132.853	3385.935	70103.98	7367.079	4450.835
#3	3147.696	3359.769	69907.10	7354.157	4408.217

Sample Name: K1129-03 Acquired: 01/15/2019 18:29:12 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: P-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220652	-.007702	.4674818	-.054443	.0085246	194.7770	1.209901
Stddev	.0045978	.002863	.0020799	.002038	.0008973	2.3719	.018480
%RSD	20.83718	37.17569	.4449097	3.742903	10.52614	1.217731	1.527415

#1	.0180208	-.005561	.4651892	-.056652	.0086800	197.1850	1.228344
#2	.0211088	-.006591	.4680088	-.052636	.0075598	194.7029	1.209974
#3	.0270659	-.010955	.4692476	-.054041	.0093341	192.4430	1.191384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123573	.0078947	33.09071	.4574846	.2809657	.4167233	390.4192
Stddev	.0001314	.0000894	.13806	.0029007	.0011335	.0079840	3.8192
%RSD	1.063377	1.132953	.4172105	.6340498	.4034351	1.915896	.9782274

#1	.0122058	.0077929	33.22880	.4547349	.2799311	.4188749	394.5741
#2	.0124402	.0079609	33.09065	.4572033	.2807886	.4234111	389.6222
#3	.0124258	.0079302	32.95268	.4605157	.2821773	.4078841	387.0615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.532264	63.92851	.3751178	-.024106	3.144115	.6897531	.9103876
Stddev	.069678	.47851	.0026621	.000467	.069509	.0137984	.0009386
%RSD	.7309698	.7485109	.7096740	1.938819	2.210780	2.000486	.1030934

#1	9.607283	64.47899	.3730031	-.023849	3.170164	.7035965	.9114521
#2	9.519936	63.69451	.3742429	-.023823	3.196837	.6896627	.9096792
#3	9.469573	63.61202	.3781072	-.024645	3.065343	.6760002	.9100316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.32861	5.280872	-.642755	.0043868	1.549607	2.485351	.0224563
Stddev	.19533	.029167	.010030	.0001139	.023181	.014807	.0009866
%RSD	1.465509	.5523111	1.560480	2.597026	1.495920	.5957532	4.393666

#1	13.48581	5.257306	-.631313	.0042562	1.523861	2.471168	.0224524
#2	13.39007	5.271818	-.646918	.0044391	1.556142	2.500711	.0214715
#3	13.10994	5.313492	-.650033	.0044652	1.568819	2.484175	.0234448

Sample Name: K1129-03 Acquired: 01/15/2019 18:29:12 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: P-2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.581247	.3247499	.1754572
Stddev	.055457	.0050897	.0028078
%RSD	1.210519	1.567281	1.600274

#1	4.637347	.3294145	.1780449
#2	4.579935	.3255139	.1758550
#3	4.526457	.3193213	.1724717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.711	3525.642	73001.69	7572.502	4402.523
Stddev	35.892	8.565	379.99	32.405	11.312
%RSD	1.094689	.2429325	.5205262	.4279364	.2569480

#1	3239.981	3532.430	72564.61	7574.471	4412.833
#2	3285.300	3528.476	73186.78	7539.157	4404.315
#3	3310.851	3516.019	73253.67	7603.878	4390.422

Sample Name: K1131-01 Acquired: 01/15/2019 18:32:51 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: DGA-01-01101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228489	-.012189	.0187213	-.022970	.0057887	5.896071
Stddev	.0097843	.002541	.0018051	.001608	.0008503	.025624
%RSD	42.82158	20.84802	9.642090	7.002299	14.68943	.4345983

#1	.0332700	-.009555	.0206135	-.023192	.0067581	5.925616
#2	.0138591	-.012388	.0170181	-.021262	.0051686	5.882674
#3	.0214177	-.014626	.0185324	-.024456	.0054395	5.879922

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964487	.0054976	.0029332	F 4109.594	.0067536	.0445257
Stddev	.0004977	.0000712	.0001070	41.599	.0008617	.0003007
%RSD	.5160050	1.295105	3.648843	1.012231	12.75886	.6752744

#1	.0968353	.0055698	.0030567	4132.444	.0061914	.0447324
#2	.0966237	.0054957	.0028768	4134.759	.0063237	.0441808
#3	.0958872	.0054275	.0028662	4061.578	.0077456	.0446640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0651250	93.12780	8.699592	F 2501.890	.0391543	-.009926
Stddev	.0024254	.53821	.045503	8.566	.0007887	.000719
%RSD	3.724236	.5779247	.5230520	.3423997	2.014452	7.245730

#1	.0661115	93.16138	8.740041	2505.714	.0386553	-.010757
#2	.0623618	93.64844	8.708410	2507.879	.0400636	-.009492
#3	.0669016	92.57359	8.650325	2492.078	.0387439	-.009531

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8156983	.0570011	.2093475	1.168589	2.601427	-.187426
Stddev	.1157930	.0005736	.0005217	.021615	.014419	.003270
%RSD	14.19557	1.006308	.2492126	1.849643	.5542894	1.744457

#1	.7037356	.0570234	.2092885	1.177322	2.586482	-.190540
#2	.8083845	.0564167	.2088578	1.143974	2.602543	-.184020
#3	.9349748	.0575633	.2098963	1.184472	2.615256	-.187718

Sample Name: K1131-01 Acquired: 01/15/2019 18:32:51 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: DGA-01-01101 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081104	.2929094	1.215627	-.001461	-.042820	.1881454
Stddev	.0002459	.0094706	.011792	.000803	.001789	.0025470
%RSD	3.031529	3.233292	.9700468	54.99873	4.177088	1.353756

#1	.0080186	.2946811	1.228622	-.002374	-.042274	.1908162
#2	.0083890	.3013691	1.205606	-.000864	-.044818	.1878766
#3	.0079237	.2826781	1.212654	-.001145	-.041368	.1857435

Elem	Sr4077
Units	ppm
Avg	.8423185
Stddev	.0004975
%RSD	.0590677

#1	.8428906
#2	.8420769
#3	.8419878

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2404.691	2477.724	57260.90	6053.879	3007.592
Stddev	15.286	17.574	330.12	39.812	14.982
%RSD	.6356766	.7092780	.5765149	.6576304	.4981517

#1	2416.542	2490.289	57440.63	6007.950	3014.990
#2	2387.438	2485.242	56879.92	6078.552	3017.437
#3	2410.095	2457.642	57462.16	6075.135	2990.350

Sample Name: K1131-02 Acquired: 01/15/2019 18:36:49 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: 57-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170271	-.010064	-.011472	-.018028	.0102050	1.169992
Stddev	.0035376	.004113	.001111	.002374	.0032726	.002874
%RSD	20.77620	40.86827	9.683733	13.16665	32.06826	.2456824

#1	.0147755	-.014644	-.010884	-.015287	.0065052	1.172041
#2	.0152012	-.006687	-.012753	-.019401	.0127209	1.166706
#3	.0211045	-.008860	-.010778	-.019396	.0113888	1.171230

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352930	.0031951	.0016043	F 4819.827	.0237113	.0165505
Stddev	.0002733	.0000513	.0000958	13.834	.0003198	.0005493
%RSD	.7743880	1.606324	5.969056	.2870288	1.348729	3.319115

#1	.0355029	.0032212	.0015022	4826.415	.0235188	.0170551
#2	.0349839	.0031360	.0016921	4803.930	.0240805	.0159653
#3	.0353921	.0032282	.0016186	4829.136	.0235346	.0166310

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319924	69.34126	8.703497	F 3000.715	.0143648	-.008395
Stddev	.0041529	.71894	.084160	22.236	.0006120	.000592
%RSD	12.98085	1.036819	.9669720	.7410359	4.260709	7.050027

#1	.0353240	69.20097	8.703679	3001.135	.0147848	-.008411
#2	.0333135	68.70280	8.619246	2978.271	.0136626	-.008978
#3	.0273397	70.12001	8.787567	3022.738	.0146471	-.007795

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6927032	.0356094	.0895526	.1012247	.7799795	-.140441
Stddev	.0611006	.0028467	.0005222	.0762880	.0047125	.003084
%RSD	8.820604	7.994356	.5831494	75.36503	.6041782	2.195937

#1	.6221513	.0356073	.0894525	.0760905	.7787061	-.143964
#2	.7282889	.0384571	.0901177	.0406750	.7851979	-.139129
#3	.7276696	.0327636	.0890877	.1869086	.7760347	-.138229

Sample Name: K1131-02 Acquired: 01/15/2019 18:36:49 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: 57-01-011019 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040923	.1095006	1.254938	-.001201	-.112249	.2211006
Stddev	.0003517	.0148052	.014007	.001338	.004572	.0020766
%RSD	8.594728	13.52061	1.116175	111.3997	4.073194	.9392294

#1	.0044745	.1243259	1.256304	-.000285	-.108228	.2195288
#2	.0037823	.1094603	1.240297	-.002736	-.111297	.2203181
#3	.0040201	.0947157	1.268211	-.000582	-.117222	.2234548

Elem	Sr4077
Units	ppm
Avg	.8918787
Stddev	.0039137
%RSD	.4388138

#1	.8962791
#2	.8887871
#3	.8905700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.946	2318.728	54281.19	5748.222	2935.298
Stddev	7.484	5.505	192.84	90.507	5.389
%RSD	.3262589	.2374128	.3552598	1.574515	.1835902

#1	2295.398	2318.162	54074.58	5666.910	2936.094
#2	2300.598	2324.495	54312.59	5845.735	2940.245
#3	2285.842	2313.528	54456.41	5732.022	2929.555

Sample Name: CCV07 Acquired: 01/15/2019 18:40:48 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.061613	5.117205	5.020952	4.966549	5.113695	10.14373	10.27420
Stddev	.042476	.055078	.061004	.045167	.046431	.16489	.13836
%RSD	.8391713	1.076339	1.214998	.9094186	.9079681	1.625533	1.346626

#1	5.038057	5.067720	4.972582	4.940151	5.076937	10.14020	10.22701
#2	5.036135	5.107350	5.000788	4.940793	5.098274	10.31035	10.42997
#3	5.110647	5.176546	5.089486	5.018701	5.165874	9.98063	10.16561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2499706	2.470076	25.54392	1.000387	2.513604	1.270299	5.306738
Stddev	.0043839	.030375	.36779	.008670	.028732	.011718	.055491
%RSD	1.753777	1.229739	1.439816	.8667144	1.143049	.9224498	1.045675

#1	.2503189	2.447529	25.61833	1.010389	2.492006	1.265934	5.291170
#2	.2541699	2.458081	25.86880	.994997	2.502593	1.283572	5.368351
#3	.2454229	2.504617	25.14461	.995776	2.546213	1.261389	5.260694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.518899	25.08347	2.528188	1.236889	24.80229	2.529841	2.593798
Stddev	.028938	.17674	.033201	.003876	.39558	.032993	.008075
%RSD	1.148850	.7046036	1.313248	.3133542	1.594949	1.304154	.3113378

#1	2.528763	25.14515	2.503062	1.241319	24.42332	2.530860	2.603007
#2	2.541615	25.22110	2.515675	1.234122	25.21262	2.562312	2.587927
#3	2.486318	24.88416	2.565828	1.235225	24.77093	2.496350	2.590459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.79136	5.154429	4.953092	5.036959	4.924894	5.017333	5.008450
Stddev	.46769	.043201	.088014	.047668	.062251	.098812	.059694
%RSD	1.813356	.8381269	1.776958	.9463703	1.263998	1.969411	1.191866

#1	25.58214	5.117132	4.964370	5.003114	4.883501	5.026424	4.966827
#2	26.32714	5.144389	5.034924	5.016289	4.894699	5.111285	4.981680
#3	25.46481	5.201765	4.859982	5.091473	4.996484	4.914289	5.076843

Sample Name: CCV07 Acquired: 01/15/2019 18:40:48 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.056587	5.021002	5.035554
Stddev	.064075	.060415	.064908
%RSD	1.267164	1.203243	1.288988

#1	5.058275	4.997861	5.001196
#2	5.119802	5.089567	5.110418
#3	4.991685	4.975579	4.995046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.543	2970.020	60763.94	6200.768	4633.163
Stddev	21.972	20.013	283.23	108.900	39.032
%RSD	.7901914	.6738352	.4661171	1.756237	.8424511

#1	2805.636	2983.561	61082.45	6250.809	4660.329
#2	2771.236	2979.467	60668.99	6075.842	4650.726
#3	2764.756	2947.032	60540.38	6275.654	4588.435

Sample Name: CCB07 Acquired: 01/15/2019 18:44:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001821	.0010487	.0002611	-.000123	.0001899	-.002108	-.000766
Stddev	.0018139	.0001897	.0015887	.001126	.0006856	.005061	.000624
%RSD	996.2858	18.08655	608.4898	919.1842	361.0807	240.0695	81.43363

#1	.0011902	.0008335	-.001522	-.001321	-.000065	-.004576	-.001473
#2	-.001912	.0011915	.001526	.000915	.000966	.003713	-.000295
#3	.001268	.0011210	.000779	.000038	-.000332	-.005461	-.000529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000120	.0000190	.1755091	-.000193	.0001619	.0005182	.0254503
Stddev	.0000138	.0000384	.0288912	.000432	.0001921	.0011604	.0108903
%RSD	115.3939	202.1216	16.46139	223.3225	118.6730	223.9355	42.79050

#1	.0000277	.0000598	.2084340	.000304	.0003793	.0002206	.0292271
#2	.0000016	.0000136	.1543921	-.000475	.0000907	.0017985	.0131744
#3	.0000067	-.000016	.1637011	-.000408	.0000155	-.000464	.0339494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001408	.1260204	-.000055	.0005664	-.030096	.0114918	-.000486
Stddev	.0007272	.0230720	.000163	.0002524	.198670	.0053937	.000431
%RSD	516.3026	18.30815	294.7808	44.55940	660.1183	46.93501	88.76359

#1	-.000643	.1517321	.000079	.0004627	.034726	.0177022	-.000972
#2	.000272	.1192059	-.000008	.0003824	.128067	.0087939	-.000153
#3	.000794	.1071232	-.000236	.0008542	-.253081	.0079795	-.000331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722236	-.003463	.0023402	.0000640	-.001390	.0060088	-.001674
Stddev	.0202879	.002253	.0007530	.0002339	.001045	.0008494	.000624
%RSD	28.09034	65.06682	32.17670	365.4647	75.21558	14.13604	37.25730

#1	.0780584	-.000868	.0022640	.0000913	-.001755	.0053390	-.002392
#2	.0889547	-.004918	.0031284	-.000182	-.002203	.0057233	-.001271
#3	.0496577	-.004604	.0016282	.000283	-.000211	.0069642	-.001358

Sample Name: CCB07 Acquired: 01/15/2019 18:44:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001293	.0011525	.0000180
Stddev	.000966	.0018316	.0000236
%RSD	74.73820	158.9274	130.6477

#1	-.000235	-.000172	.0000040
#2	-.002130	.000387	.0000452
#3	-.001513	.003243	.0000049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2705.125	2936.287	58615.72	6070.090	4635.100
Stddev	2.650	22.184	188.51	41.432	32.767
%RSD	.0979715	.7555182	.3216053	.6825665	.7069322

#1	2702.207	2951.221	58505.32	6076.490	4655.279
#2	2707.384	2946.845	58508.45	6025.830	4652.729
#3	2705.784	2910.796	58833.38	6107.950	4597.293

Sample Name: K1139-01 Acquired: 01/15/2019 18:48:14 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.130380	-.023265	.5056998	-.035734	.0241227	31.31274	1.389324
Stddev	.006730	.001678	.0038779	.004405	.0008215	.38801	.011082
%RSD	.5953594	7.212530	.7668473	12.32843	3.405607	1.239145	.7976380

#1	1.128867	-.022659	.5059145	-.030702	.0243634	31.22571	1.386184
#2	1.124536	-.021975	.5017189	-.037604	.0247970	31.73688	1.401637
#3	1.137738	-.025162	.5094659	-.038895	.0232077	30.97564	1.380152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108141	.0097721	10.29413	.2696674	.0725444	1.475240	763.2286
Stddev	.0000945	.0003385	.20637	.0018208	.0004897	.005055	9.2329
%RSD	.8738697	3.463896	2.004688	.6751982	.6749909	.3426277	1.209715

#1	.0107050	.0095968	10.11992	.2685294	.0721842	1.475901	763.6951
#2	.0108657	.0095573	10.52204	.2687053	.0723469	1.479931	772.2194
#3	.0108716	.0101623	10.24042	.2717674	.0731019	1.469887	753.7713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5889711	4.436760	.1267103	-.049884	24.80892	.5597804	.9579878
Stddev	.0121759	.026220	.0011703	.000306	.20720	.0088384	.0040594
%RSD	2.067322	.5909822	.9235873	.6135602	.8351650	1.578900	.4237464

#1	.5891139	4.447440	.1263846	-.049874	24.60656	.5666166	.9626583
#2	.6010751	4.455954	.1257373	-.049583	25.02064	.5629248	.9559965
#3	.5767245	4.406885	.1280089	-.050195	24.79955	.5497998	.9553084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.08663	18.87566	-1.27519	.0883009	185.5972	1.698017	.1098493
Stddev	.14017	.06767	.02601	.0009425	.7829	.024838	.0006292
%RSD	.7343983	.3585188	2.039508	1.067410	.4218280	1.462768	.5727745

#1	19.03443	18.80429	-1.24541	.0882753	184.8440	1.675703	.1091708
#2	19.24541	18.88378	-1.29341	.0873714	185.5409	1.724778	.1099634
#3	18.98004	18.93890	-1.28675	.0892559	186.4067	1.693569	.1104136

Sample Name: K1139-01 Acquired: 01/15/2019 18:48:14 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: S-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.782288	.0739909	3.353899
Stddev	.054180	.0007554	.018359
%RSD	1.132927	1.020868	.5474025

#1	4.764095	.0745913	3.344451
#2	4.843223	.0742385	3.375058
#3	4.739547	.0731428	3.342188

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.947	3049.552	63132.50	6508.160	4550.125
Stddev	13.066	7.624	130.90	44.919	8.731
%RSD	.4613826	.2499955	.2073449	.6902025	.1918800

#1	2822.521	3048.159	63221.26	6522.670	4556.650
#2	2826.457	3057.776	62982.16	6457.778	4553.517
#3	2846.862	3042.721	63194.07	6544.030	4540.207

Sample Name: K1139-03 Acquired: 01/15/2019 18:51:54 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7808390	-.002826	1.220417	-.021583	.0076406	58.32556	.9398649
Stddev	.0041045	.002557	.012202	.000554	.0008725	.14145	.0010462
%RSD	.5256565	90.49942	.9997944	2.566185	11.41958	.2425178	.1113114

#1	.7773796	-.000103	1.210004	-.021698	.0066582	58.46084	.9395328
#2	.7797630	-.003197	1.217403	-.022071	.0079380	58.17866	.9390250
#3	.7853744	-.005177	1.233842	-.020981	.0083255	58.33720	.9410367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094881	.0088654	17.25962	.5185641	.0953275	1.057673	391.5202
Stddev	.0000221	.0002293	.07053	.0022220	.0011414	.008587	3.7017
%RSD	.2330436	2.586272	.4086204	.4284985	1.197311	.8118492	.9454579

#1	.0094904	.0086357	17.33827	.5160015	.0948226	1.064047	393.9289
#2	.0094649	.0088663	17.20201	.5197355	.0945257	1.047909	387.2579
#3	.0095089	.0090943	17.23857	.5199553	.0966343	1.061063	393.3738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.982120	19.23235	.2405586	-.021994	15.98293	.6061652	1.376809
Stddev	.019007	.25107	.0031252	.000611	.10629	.0075610	.008303
%RSD	.9589212	1.305458	1.299125	2.778235	.6649966	1.247342	.6030490

#1	1.993553	19.49912	.2377789	-.021707	16.06679	.5977763	1.379530
#2	1.960179	19.00068	.2399555	-.022695	15.86339	.6082651	1.383409
#3	1.992627	19.19725	.2439413	-.021579	16.01861	.6124542	1.367487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.67528	8.795375	-.621402	.0311593	83.78265	.9924449	.4613227
Stddev	.01914	.109546	.005111	.0005259	.92335	.0071689	.0056232
%RSD	.1147757	1.245492	.8225139	1.687662	1.102076	.7223463	1.218924

#1	16.68045	8.695291	-.627278	.0307147	82.94081	1.000630	.4556413
#2	16.65409	8.778429	-.618947	.0310233	83.63696	.989421	.4614409
#3	16.69130	8.912407	-.617983	.0317398	84.77019	.987283	.4668858

Sample Name: K1139-03 Acquired: 01/15/2019 18:51:54 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.580486	.1016548	.8577069
Stddev	.009016	.0009356	.0019944
%RSD	.3493960	.9203277	.2325227

#1	2.586560	.1014261	.8598529
#2	2.570127	.1008549	.8559103
#3	2.584772	.1026835	.8573575

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.159	3198.686	66471.87	6853.119	4550.815
Stddev	32.902	25.566	182.99	51.316	50.585
%RSD	1.105907	.7992593	.2752923	.7487905	1.111552

#1	2961.702	3222.768	66358.48	6800.369	4597.304
#2	2951.118	3201.431	66374.15	6856.118	4558.194
#3	3012.657	3171.858	66682.98	6902.869	4496.946

Sample Name: K1139-05 Acquired: 01/15/2019 18:55:35 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2926986	-.019955	.3446327	-.049913	.0108405	142.5578	.7079296
Stddev	.0022419	.001590	.0024633	.001820	.0013994	.2558	.0009499
%RSD	.7659257	7.966041	.7147704	3.645997	12.90879	.1794024	.1341862

#1	.2927259	-.018312	.3425441	-.048639	.0095973	142.8512	.7090172
#2	.2904432	-.021485	.3473492	-.049104	.0105681	142.4404	.7072629
#3	.2949267	-.020069	.3440048	-.051998	.0123560	142.3818	.7075085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152693	.0082011	34.47521	.2336315	.2255627	.3552016	397.4925
Stddev	.0002054	.0001953	.09604	.0012016	.0008433	.0019021	.8483
%RSD	1.345037	2.381636	.2785721	.5143003	.3738595	.5355016	.2134241

#1	.0155030	.0079763	34.51493	.2349565	.2253777	.3534531	398.1504
#2	.0151176	.0082977	34.36569	.2326126	.2248273	.3572270	397.7920
#3	.0151873	.0083293	34.54503	.2333254	.2264831	.3549247	396.5350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.79182	54.70983	.3721852	-.026419	7.249158	.3413889	.8827232
Stddev	.01088	.12400	.0011677	.000480	.173333	.0049207	.0034971
%RSD	.0788940	.2266592	.3137321	1.816191	2.391079	1.441366	.3961739

#1	13.80389	54.56871	.3708827	-.026569	7.372216	.3450084	.8791553
#2	13.78882	54.75938	.3725347	-.025882	7.324329	.3433723	.8861449
#3	13.78276	54.80140	.3731382	-.026806	7.050929	.3357861	.8828695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.28148	8.561762	-.588104	.0117102	77.11171	1.117205	.0381217
Stddev	.04117	.044527	.010267	.0004369	.29424	.008375	.0003357
%RSD	.2135016	.5200688	1.745818	3.730811	.3815726	.7496618	.8805964

#1	19.32882	8.536516	-.599711	.0121015	76.90431	1.125517	.0379413
#2	19.25403	8.535595	-.580207	.0112388	76.98235	1.108767	.0379148
#3	19.26161	8.613174	-.584395	.0117902	77.44846	1.117331	.0385091

Sample Name: K1139-05 Acquired: 01/15/2019 18:55:35 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.538690	.3037303	.3825477
Stddev	.005405	.0023544	.0004922
%RSD	.3512933	.7751750	.1286547

#1	1.544931	.3016675	.3824469
#2	1.535507	.3062953	.3830824
#3	1.535632	.3032281	.3821137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.770	3764.589	78153.23	8087.541	4454.806
Stddev	27.088	6.688	272.97	13.539	6.323
%RSD	.7739978	.1776577	.3492805	.1674093	.1419377

#1	3524.791	3770.519	78339.14	8075.355	4459.985
#2	3471.004	3765.909	77839.84	8085.153	4456.673
#3	3503.515	3757.339	78280.71	8102.115	4447.760

Sample Name: K1139-07 Acquired: 01/15/2019 18:59:14 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5327063	.0010106	6.571129	-.047231	.0091104	140.5604	1.733350
Stddev	.0028777	.0010653	.026147	.002161	.0011596	.5463	.004208
%RSD	.5402045	105.4184	.3979077	4.575761	12.72811	.3886425	.2427549

#1	.5315725	.0020374	6.560998	-.049725	.0085550	140.6046	1.737986
#2	.5359782	-.000089	6.551563	-.046036	.0083330	141.0832	1.732289
#3	.5305682	.001084	6.600826	-.045931	.0104433	139.9933	1.729774

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133410	.0167754	45.59818	.7407757	.1858354	6.866980	403.1111
Stddev	.0002477	.0002394	.60008	.0029054	.0009860	.004823	3.8070
%RSD	1.856620	1.427317	1.316019	.3922102	.5305773	.0702385	.9444058

#1	.0134431	.0168983	45.57947	.7435562	.1858297	6.865058	401.9597
#2	.0135214	.0164995	46.20740	.7410110	.1848522	6.863415	407.3609
#3	.0130586	.0169284	45.00768	.7377597	.1868242	6.872469	400.0127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.555704	47.40158	.5043658	-.017869	5.242286	1.093669	3.714614
Stddev	.046336	.33044	.0024920	.000363	.195801	.011287	.017973
%RSD	1.017105	.6971159	.4940934	2.032725	3.735034	1.032044	.4838489

#1	4.559534	47.52257	.5024933	-.018107	5.371673	1.090600	3.694455
#2	4.600007	47.65447	.5034099	-.018049	5.017024	1.106173	3.728966
#3	4.507572	47.02769	.5071943	-.017451	5.338161	1.084233	3.720420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.91503	10.49261	-.624808	.0286095	22.31279	1.301995	.7705196
Stddev	.11649	.01001	.011110	.0003588	.05489	.021604	.0020057
%RSD	.6886802	.0953632	1.778116	1.254094	.2459897	1.659264	.2603017

#1	17.04953	10.49124	-.636234	.0286047	22.32357	1.319018	.7728021
#2	16.84620	10.48336	-.624146	.0282532	22.25332	1.309276	.7690389
#3	16.84935	10.50323	-.614044	.0289707	22.36150	1.277692	.7697177

Sample Name: K1139-07 Acquired: 01/15/2019 18:59:14 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.201763	.2678874	.5911714
Stddev	.007784	.0012446	.0021067
%RSD	.3535268	.4645790	.3563673

#1	2.194729	.2690851	.5931842
#2	2.210126	.2679764	.5889819
#3	2.200434	.2666008	.5913483

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.808	3449.868	71405.37	7453.566	4554.935
Stddev	30.941	5.474	266.60	43.738	11.650
%RSD	.9645656	.1586743	.3733642	.5868017	.2557671

#1	3237.512	3447.926	71511.64	7409.438	4553.198
#2	3210.148	3456.049	71602.45	7454.356	4567.356
#3	3175.763	3445.630	71102.02	7496.903	4544.252

Sample Name: K1139-09 Acquired: 01/15/2019 19:02:51 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4816328	.0026214	7.243084	-.014057	.0145080	56.70873	1.674954
Stddev	.0060317	.0018078	.025517	.000654	.0004717	.18461	.002684
%RSD	1.252349	68.96310	.3522951	4.655626	3.251274	.3255345	.1602478

#1	.4840619	.0010834	7.272175	-.014294	.0141110	56.92118	1.676691
#2	.4747652	.0046126	7.224485	-.014559	.0143837	56.61756	1.676308
#3	.4860712	.0021681	7.232594	-.013317	.0150295	56.58744	1.671862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102047	.0161503	20.71009	.2454728	.1354379	3.751901	270.9344
Stddev	.0000254	.0000667	.02803	.0009250	.0004452	.009947	.9013
%RSD	.2490677	.4129177	.1353353	.3768084	.3287399	.2651088	.3326496

#1	.0102193	.0162070	20.73673	.2465407	.1357839	3.756069	271.9691
#2	.0102194	.0160768	20.68086	.2449517	.1349356	3.759086	270.3206
#3	.0101754	.0161670	20.71268	.2449259	.1355943	3.740548	270.5135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.829699	8.847261	.2638333	-.013560	2.588581	.4819653	3.557867
Stddev	.007845	.072615	.0005371	.000364	.116661	.0034551	.006128
%RSD	.4287676	.8207638	.2035729	2.683332	4.506763	.7168756	.1722349

#1	1.838554	8.869318	.2644219	-.013189	2.683942	.4820285	3.564841
#2	1.823617	8.906291	.2637082	-.013916	2.458502	.4853884	3.555417
#3	1.826925	8.766175	.2633698	-.013576	2.623300	.4784791	3.553343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.197325	4.600585	-.390032	.0482629	16.64542	3.795656	.7731716
Stddev	.062581	.018417	.002900	.0001891	.05957	.018632	.0027776
%RSD	1.204100	.4003210	.7435880	.3917595	.3578498	.4908826	.3592417

#1	5.172776	4.612710	-.392275	.0483639	16.71164	3.774677	.7743165
#2	5.268459	4.579392	-.391063	.0480448	16.59622	3.810275	.7700046
#3	5.150741	4.609653	-.386757	.0483801	16.62839	3.802018	.7751936

Sample Name: K1139-09 Acquired: 01/15/2019 19:02:51 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: S-5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.417825	.0683836	.5021882
Stddev	.007401	.0006306	.0009880
%RSD	.3061187	.9221009	.1967317

#1	2.420980	.0676592	.5020112
#2	2.423125	.0688096	.5032528
#3	2.409368	.0686819	.5013008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3005.359	3321.541	66955.25	6937.088	4874.687
Stddev	23.691	15.501	436.59	18.777	19.017
%RSD	.7883005	.4666896	.6520549	.2706823	.3901177

#1	2978.004	3307.963	66452.71	6917.389	4854.730
#2	3018.749	3338.430	67171.96	6939.093	4892.598
#3	3019.323	3318.230	67241.09	6954.783	4876.733

Sample Name: K1139-11 Acquired: 01/15/2019 19:06:31 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7174481	-.119118	5.071314	-.213702	.1656753	207.3269
Stddev	.0055934	.001800	.023360	.006177	.0008034	1.0835
%RSD	.7796171	1.510713	.4606377	2.890519	.4849128	.5225991

#1	.7110293	-.117043	5.062221	-.210066	.1664194	208.5602
#2	.7212779	-.120251	5.053867	-.210205	.1657829	206.5281
#3	.7200371	-.120061	5.097853	-.220834	.1648235	206.8924

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.61967	.0198703	.0683520	133.8936	1.952254	1.632603
Stddev	.03461	.0002236	.0001224	1.3839	.003767	.002936
%RSD	.3258867	1.125305	.1790386	1.033546	.1929502	.1798188

#1	10.65813	.0197010	.0682159	135.4713	1.951215	1.631226
#2	10.59104	.0197861	.0684529	132.8851	1.956431	1.630608
#3	10.60985	.0201238	.0683874	133.3245	1.949115	1.635974

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.32648	F 1484.014	4.889716	81.28193	1.107824	-.108975
Stddev	.03047	10.336	.052129	.45426	.004300	.000363
%RSD	.1364922	.6964773	1.066088	.5588712	.3881249	.3329430

#1	22.33787	1495.790	4.947891	81.74404	1.105308	-.108577
#2	22.29195	1476.445	4.847243	80.83595	1.105376	-.109286
#3	22.34962	1479.807	4.874015	81.26581	1.112789	-.109063

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.56896	.5507989	24.87657	26.10839	10.42676	^ *****
Stddev	.17243	.0117177	.13811	.09296	.03074	-----
%RSD	1.490463	2.127399	.5551882	.3560713	.2948316	-----

#1	11.37994	.5637530	24.81299	26.19130	10.39435	^ -----
#2	11.60928	.5409385	24.78169	26.00789	10.43043	^ -----
#3	11.71766	.5477051	25.03502	26.12598	10.45550	^ -----

Sample Name: K1139-11 Acquired: 01/15/2019 19:06:31 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1665358	52.47177	1.077017	1.600783	4.032576	.2140580
Stddev	.0009941	.17264	.013034	.001083	.023228	.0018780
%RSD	.5969399	.3290154	1.210233	.0676371	.5760070	.8773443
#1	.1654252	52.32752	1.084710	1.600293	4.058747	.2156958
#2	.1668396	52.42475	1.061967	1.600031	4.014408	.2120082
#3	.1673426	52.66305	1.084374	1.602024	4.024573	.2144701

Elem	Sr4077
Units	ppm
Avg	1.066082
Stddev	.003629
%RSD	.3404421
#1	1.064027
#2	1.063946
#3	1.070273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.449	3222.951	69564.14	7212.291	4192.967
Stddev	17.519	9.955	106.82	25.579	11.362
%RSD	.5769672	.3088641	.1535491	.3546582	.2709853
#1	3044.052	3233.524	69652.10	7203.743	4202.665
#2	3048.883	3221.569	69445.28	7241.049	4195.771
#3	3016.413	3213.760	69595.04	7192.080	4180.465

Sample Name: K1139-13 Acquired: 01/15/2019 19:10:05 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6673656	-.007162	2.255345	-.013481	.0224649	42.73694	1.189949
Stddev	.0051666	.002403	.009947	.003322	.0004176	.05386	.000501
%RSD	.7741818	33.55306	.4410373	24.64078	1.859056	.1260224	.0421298

#1	.6727357	-.009522	2.266252	-.015581	.0220779	42.70239	1.190058
#2	.6669311	-.007245	2.253007	-.009651	.0229076	42.79900	1.190386
#3	.6624299	-.004718	2.246774	-.015209	.0224093	42.70944	1.189402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081806	.0112588	13.78848	.0893979	.0579871	2.431676	322.8924
Stddev	.0001481	.0000559	.23237	.0004686	.0003204	.008071	1.7068
%RSD	1.810403	.4960876	1.685237	.5241574	.5526096	.3319043	.5285853

#1	.0082215	.0113232	13.67256	.0897797	.0583546	2.422833	322.5276
#2	.0083039	.0112284	14.05600	.0888750	.0577665	2.438645	324.7521
#3	.0080163	.0112247	13.63687	.0895390	.0578401	2.433551	321.3976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7210187	5.676530	.1215786	-.019510	7.802788	.2813633	2.467241
Stddev	.0076907	.067369	.0009574	.000324	.198059	.0027121	.006362
%RSD	1.066642	1.186794	.7875117	1.660455	2.538311	.9639172	.2578718

#1	.7182105	5.639922	.1217809	-.019498	7.583335	.2782416	2.469514
#2	.7297189	5.754277	.1205361	-.019193	7.856768	.2827071	2.460055
#3	.7151268	5.635391	.1224187	-.019841	7.968261	.2831411	2.472155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00046	5.445207	-.487806	.0350932	43.82846	1.571316	.1751306
Stddev	.05411	.017631	.010386	.0003187	.20390	.022112	.0015494
%RSD	.5410858	.3237823	2.129199	.9080664	.4652335	1.407230	.8847148

#1	9.95412	5.458488	-.480814	.0347404	44.04756	1.562501	.1762250
#2	10.05993	5.425205	-.499741	.0353602	43.64425	1.596476	.1733577
#3	9.98732	5.451929	-.482864	.0351791	43.79357	1.554971	.1758091

Sample Name: K1139-13 Acquired: 01/15/2019 19:10:05 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.159163	.0493363	.8204649
Stddev	.004932	.0017022	.0020109
%RSD	.2284086	3.450109	.2450964

#1	2.154598	.0473709	.8224054
#2	2.164394	.0503344	.8183902
#3	2.158498	.0503036	.8205992

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.304	3171.820	63833.40	6592.221	4778.638
Stddev	15.890	11.431	31.89	63.298	18.905
%RSD	.5475019	.3604055	.0499523	.9601878	.3956224

#1	2893.573	3159.278	63812.10	6613.793	4757.144
#2	2920.645	3181.656	63870.06	6520.957	4792.691
#3	2892.693	3174.525	63818.03	6641.913	4786.078

Sample Name: K1139-15 Acquired: 01/15/2019 19:13:48 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.836692	.0012222	1.239060	-.044796	.0263804	54.42679	1.005599
Stddev	.026872	.0026324	.009766	.005018	.0021289	.24519	.002376
%RSD	.9472904	215.3847	.7881967	11.20076	8.070059	.4505004	.2362423

#1	2.819034	.0020985	1.231059	-.048752	.0243928	54.62136	1.006081
#2	2.823425	.0033048	1.236178	-.039152	.0286269	54.15138	1.003020
#3	2.867617	-.001737	1.249943	-.046484	.0261213	54.50762	1.007697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155413	.0889533	29.60686	.2997493	.0864839	1.942074	661.2370
Stddev	.0001391	.0011530	.11866	.0015504	.0006993	.013191	3.7759
%RSD	.8949221	1.296145	.4007946	.5172221	.8085850	.6791979	.5710344

#1	.0153814	.0877541	29.74333	.2980777	.0858071	1.941108	665.2039
#2	.0156340	.0890521	29.54927	.3000301	.0864408	1.929393	657.6866
#3	.0156086	.0900537	29.52799	.3011401	.0872037	1.955721	660.8206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9312958	4.730086	.1962388	-.042074	18.33907	.4578304	9.092250
Stddev	.0075603	.059665	.0015451	.000613	.12309	.0041237	.030348
%RSD	.8117994	1.261383	.7873741	1.457308	.6711951	.9007147	.3337750

#1	.9383327	4.761815	.1952483	-.041390	18.23743	.4619739	9.093751
#2	.9233031	4.767181	.1954490	-.042259	18.47593	.4577905	9.121819
#3	.9322515	4.661261	.1980192	-.042574	18.30384	.4537267	9.061179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24383	22.13756	-1.03715	.1333150	107.4826	3.337260	.0952240
Stddev	.09564	.26441	.03002	.0012975	1.1492	.040375	.0024777
%RSD	.6274305	1.194378	2.894294	.9732470	1.069225	1.209826	2.601991

#1	15.13373	21.94737	-1.00433	.1321943	106.4670	3.302932	.0923680
#2	15.30634	22.02582	-1.04388	.1330141	107.2507	3.327105	.0967988
#3	15.29143	22.43949	-1.06323	.1347364	108.7301	3.381743	.0965053

Sample Name: K1139-15 Acquired: 01/15/2019 19:13:48 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.777707	.0450211	2.410940
Stddev	.015196	.0010012	.006600
%RSD	.4022416	2.223821	.2737593

#1	3.790012	.0458997	2.403452
#2	3.760722	.0439311	2.413459
#3	3.782387	.0452325	2.415910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.325	3005.597	62712.56	6555.745	4389.478
Stddev	46.662	19.095	580.41	27.030	35.789
%RSD	1.656254	.6353115	.9255035	.4123079	.8153409

#1	2794.525	3017.737	62531.51	6586.290	4420.331
#2	2786.446	3015.467	62244.26	6534.917	4397.863
#3	2871.003	2983.587	63361.91	6546.027	4350.241

Sample Name: K1139-17 Acquired: 01/15/2019 19:17:28 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4502695	.0044041	.9177633	.0024142	.0106490	54.21995	1.057035
Stddev	.0019409	.0021661	.0030229	.0019838	.0006297	.14799	.006741
%RSD	.4310507	49.18434	.3293715	82.17316	5.913210	.2729402	.6377688

#1	.4517976	.0031623	.9170070	.0001274	.0112394	54.28804	1.062759
#2	.4509252	.0069053	.9151904	.0034416	.0107212	54.32164	1.058742
#3	.4480857	.0031447	.9210925	.0036736	.0099863	54.05017	1.049604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091308	.0175430	34.82969	.0966558	.0575654	.6024186	196.7570
Stddev	.0001121	.0001551	.29178	.0011358	.0005101	.0025847	1.2364
%RSD	1.227724	.8838874	.8377311	1.175074	.8861773	.4290484	.6284095

#1	.0091480	.0174989	34.57599	.0979039	.0570715	.6005415	196.0370
#2	.0092334	.0174147	35.14854	.0956829	.0575344	.6013477	198.1847
#3	.0090111	.0177153	34.76455	.0963805	.0580904	.6053666	196.0493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6508241	5.048432	.1362898	-.011329	6.029996	.3187204	1.969666
Stddev	.0073312	.039959	.0012412	.000164	.140137	.0037243	.006859
%RSD	1.126454	.7915180	.9107353	1.444496	2.324005	1.168509	.3482092

#1	.6440904	5.009111	.1357692	-.011518	5.979680	.3175135	1.973278
#2	.6586339	5.089001	.1353935	-.011233	5.921964	.3228985	1.973964
#3	.6497478	5.047185	.1377065	-.011236	6.188345	.3157493	1.961757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.044615	4.829725	-.223692	.0356666	27.35436	3.328869	.0511188
Stddev	.025706	.023904	.005035	.0002736	.16708	.043129	.0003104
%RSD	.4252671	.4949410	2.251058	.7670961	.6107977	1.295596	.6071653

#1	6.052521	4.824247	-.226563	.0357864	27.38894	3.335024	.0509345
#2	6.065440	4.809035	-.226635	.0353536	27.17270	3.368589	.0514771
#3	6.015885	4.855892	-.217878	.0358599	27.50145	3.282993	.0509447

Sample Name: K1139-17 Acquired: 01/15/2019 19:17:28 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: S-9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.659501	.0421315	.9149345
Stddev	.008874	.0019661	.0120633
%RSD	.3336565	4.666606	1.318492

#1	2.658254	.0441146	.9260958
#2	2.668932	.0420969	.9165714
#3	2.651317	.0401828	.9021363

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3082.198	3349.353	67299.25	6806.566	4974.864
Stddev	11.117	12.882	447.82	96.199	22.633
%RSD	.3606974	.3846194	.6654109	1.413322	.4549557

#1	3086.366	3353.318	66797.46	6801.988	4979.423
#2	3069.599	3359.786	67442.03	6712.737	4994.871
#3	3090.630	3334.954	67658.27	6904.971	4950.298

Sample Name: K1139-17DUP Acquired: 01/15/2019 19:21:11 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4755374	.0034528	.9738373	.0027484	.0111006	55.46991	1.101176
Stddev	.0041736	.0007968	.0029990	.0024186	.0000487	.36283	.003632
%RSD	.8776624	23.07608	.3079592	88.00012	.4386660	.6540954	.3298151

#1	.4760410	.0025357	.9732231	.0051024	.0111163	55.88064	1.104702
#2	.4794363	.0039744	.9711930	.0002700	.0111394	55.19299	1.101380
#3	.4711348	.0038483	.9770959	.0028727	.0110459	55.33611	1.097447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094020	.0196590	34.90209	.1003213	.0629474	.6176705	200.3660
Stddev	.0000612	.0001860	.50727	.0001513	.0004638	.0002361	1.9544
%RSD	.6507711	.9459853	1.453418	.1508226	.7368333	.0382227	.9754033

#1	.0094710	.0194586	35.48710	.1002629	.0627932	.6173992	202.5878
#2	.0093805	.0196924	34.63514	.1002078	.0625803	.6177830	199.5975
#3	.0093545	.0198260	34.58404	.1004931	.0634687	.6178293	198.9127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6788795	5.235722	.1468049	-.012516	6.068517	.3189461	2.103186
Stddev	.0092457	.089957	.0006628	.000507	.131065	.0057467	.010710
%RSD	1.361903	1.718145	.4515193	4.049868	2.159759	1.801771	.5092067

#1	.6890356	5.334369	.1464154	-.012107	5.952726	.3248490	2.115538
#2	.6766513	5.214575	.1464292	-.012359	6.042019	.3133695	2.096503
#3	.6709515	5.158222	.1475703	-.013084	6.210807	.3186199	2.097516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.273072	5.204984	-.238365	.0381882	29.45929	3.408331	.0537437
Stddev	.045277	.020275	.002958	.0006221	.04296	.026862	.0003123
%RSD	.7217685	.3895275	1.241073	1.628946	.1458322	.7881418	.5810591

#1	6.318784	5.197575	-.240768	.0376675	29.42868	3.439105	.0540409
#2	6.272190	5.189456	-.235061	.0388770	29.44080	3.396308	.0537721
#3	6.228243	5.227922	-.239265	.0380200	29.50841	3.389580	.0534182

Sample Name: K1139-17DUP Acquired: 01/15/2019 19:21:11 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9DUP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.744159	.0441680	.9548176
Stddev	.017170	.0014877	.0006351
%RSD	.6256756	3.368249	.0665150

#1	2.760984	.0451465	.9552973
#2	2.726665	.0424560	.9550581
#3	2.744828	.0449015	.9540973

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2929.886	3183.022	64509.43	6637.103	4722.439
Stddev	19.443	3.439	185.70	74.413	12.337
%RSD	.6635944	.1080454	.2878599	1.121174	.2612436

#1	2908.541	3182.227	64314.86	6553.697	4720.228
#2	2934.530	3186.789	64684.75	6660.920	4735.732
#3	2946.586	3180.050	64528.68	6696.693	4711.356

Sample Name: CCV08 Acquired: 01/15/2019 19:24:55 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV14465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.258250	5.278049	5.242020	5.201018	5.296859	10.50097
Stddev	.053053	.027362	.044407	.052778	.048054	.02720
%RSD	1.008946	.5184064	.8471351	1.014766	.9072260	.2590686

#1	5.217448	5.260345	5.202771	5.159024	5.259967	10.47117
#2	5.239079	5.264238	5.233069	5.183766	5.279409	10.50727
#3	5.318224	5.309563	5.290221	5.260263	5.351200	10.52447

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.49884	.2612399	2.610089	26.55143	1.040686	2.638236
Stddev	.01621	.0015444	.021690	.14348	.003738	.024006
%RSD	.1544219	.5911746	.8309909	.5403992	.3592298	.9099142

#1	10.48916	.2594714	2.591048	26.47018	1.036600	2.619901
#2	10.48981	.2619256	2.605519	26.46701	1.041522	2.629401
#3	10.51756	.2623227	2.633699	26.71710	1.043935	2.665408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.312152	F 5.644881	2.667005	26.36911	2.625070	1.299247
Stddev	.009927	.013468	.015414	.18872	.019606	.009676
%RSD	.7565322	.2385818	.5779663	.7156752	.7468563	.7447417

#1	1.319674	5.633504	2.658045	26.25906	2.608279	1.294445
#2	1.300901	5.641388	2.658166	26.26126	2.620317	1.292911
#3	1.315881	5.659751	2.684804	26.58702	2.646615	1.310385

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.72214	2.630424	2.709201	26.24212	5.389838	5.151686
Stddev	.26792	.015463	.006791	.08364	.053872	.033562
%RSD	1.041591	.5878374	.2506637	.3187430	.9995160	.6514788

#1	25.41324	2.635606	2.705655	26.30462	5.364476	5.113964
#2	25.89130	2.613036	2.704917	26.14710	5.353327	5.162851
#3	25.86188	2.642630	2.717031	26.27464	5.451710	5.178242

Sample Name: CCV08 Acquired: 01/15/2019 19:24:55 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV14465 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.321229	5.171174	5.241956	5.235515	5.269972	5.168404
Stddev	.048598	.041002	.039545	.045756	.027991	.018580
%RSD	.9132777	.7928986	.7544033	.8739611	.5311386	.3594828
#1	5.288876	5.142038	5.196490	5.198031	5.267140	5.167231
#2	5.297697	5.153422	5.261016	5.222009	5.243505	5.150439
#3	5.377113	5.218060	5.268362	5.286504	5.299271	5.187542

Elem	Sr4077
Units	ppm
Avg	5.209146
Stddev	.009638
%RSD	.1850280
#1	5.213529
#2	5.198095
#3	5.215815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.762	2883.104	59107.06	6030.236	4498.699
Stddev	15.623	20.767	144.23	20.447	27.636
%RSD	.5808380	.7202890	.2440091	.3390724	.6143127
#1	2680.262	2898.916	59105.47	6050.409	4521.442
#2	2707.793	2890.809	59252.07	6030.773	4506.712
#3	2681.230	2859.586	58963.63	6009.526	4467.941

Sample Name: CCB08 Acquired: 01/15/2019 19:28:26 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB14465 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039418	-.000278	.0014221	.0007672	-.001048	-.003738	.0002720
Stddev	.0030893	.000853	.0003046	.0032422	.000458	.008399	.0002822
%RSD	78.37383	307.0255	21.41830	422.5863	43.73620	224.6622	103.7433

#1	.0070343	.000340	.0016348	.0037935	-.001451	.003032	.0005552
#2	.0039354	-.001251	.0015583	-.002655	-.001142	-.001110	-.000009
#3	.0008556	.000078	.0010732	.001163	-.000550	-.013137	.000270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000057	.0000661	.0000622	.0000558	.0003412	-.000847	.0347245
Stddev	.0000151	.0000156	.0201348	.0000346	.0001069	.003879	.0029027
%RSD	264.5675	23.65831	32355.03	61.99744	31.33500	458.0511	8.359268

#1	-.000010	.0000490	-.022863	.0000163	.0003933	.000326	.0380439
#2	.000020	.0000797	.014879	.0000806	.0004122	.002311	.0334670
#3	.000008	.0000695	.008170	.0000706	.0002183	-.005177	.0326625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002336	.0165702	-.000159	.0002045	.2001219	.0029875	.0007724
Stddev	.0011536	.0379367	.000074	.0006283	.0803761	.0025523	.0004926
%RSD	493.9019	228.9452	46.62273	307.2695	40.16356	85.43306	63.78162

#1	-.000965	.0208336	-.000108	.0002365	.2191892	.0023382	.0013404
#2	.000330	-.023318	-.000125	.0008162	.1119267	.0058017	.0004624
#3	.001336	.052195	-.000244	-.000439	.2692497	.0008225	.0005143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0609499	-.001549	.0025453	.0001685	.0063527	.0077515	-.001874
Stddev	.0591484	.001957	.0004374	.0001413	.0048534	.0001889	.000621
%RSD	97.04423	126.2798	17.18419	83.85427	76.39841	2.436657	33.16197

#1	.1288820	-.003146	.0020546	.0000686	.0007642	.0075802	-.002525
#2	.0331040	-.002136	.0026872	.0003302	.0087841	.0079541	-.001812
#3	.0208638	.000633	.0028942	.0001067	.0095098	.0077201	-.001286

Sample Name: CCB08 Acquired: 01/15/2019 19:28:26 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB14465 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008133	.0025543	.0002629
Stddev	.0019488	.0003426	.0000824
%RSD	239.6092	13.41348	31.35688

#1	.0028795	.0025019	.0003268
#2	-.000992	.0022408	.0002921
#3	.000552	.0029201	.0001699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2611.746	2833.899	56181.47	5753.743	4469.915
Stddev	26.314	6.450	57.83	26.762	5.556
%RSD	1.007530	.2276029	.1029313	.4651172	.1243065

#1	2599.905	2829.915	56164.97	5726.210	4465.697
#2	2641.900	2841.340	56245.75	5755.360	4476.211
#3	2593.432	2830.441	56133.68	5779.660	4467.836

Sample Name: K1139-17LX5 Acquired: 01/15/2019 19:32:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	.1137790	.0003486	.2209919	.0007675	.0031475	12.46108	.2443580
Stddev	.0018826	.0019980	.0021812	.0004375	.0006582	.05682	.0012091
%RSD	1.654611	573.1928	.9870069	57.00485	20.91179	.4560019	.4948174

#1	.1135978	.0020594	.2189067	.0002777	.0038084	12.50238	.2453985
#2	.1157456	-.001847	.2208113	.0009054	.0024920	12.39628	.2430315
#3	.1119935	.000834	.2232579	.0011195	.0031420	12.48459	.2446438

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021603	.0042505	8.113900	.0234397	.0138610	.1423359	45.94872
Stddev	.0000140	.0001490	.039000	.0001597	.0002545	.0039858	.31536
%RSD	.6492844	3.505384	.4806517	.6811844	1.836222	2.800260	.6863391

#1	.0021650	.0041747	8.152986	.0234706	.0140177	.1436822	46.09506
#2	.0021714	.0041545	8.074987	.0232668	.0135673	.1378513	45.58678
#3	.0021445	.0044221	8.113727	.0235816	.0139979	.1454741	46.16434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1519814	1.199101	.0319616	-.002912	1.503957	.0771843	.4885571
Stddev	.0008863	.077950	.0006383	.000136	.115025	.0007708	.0020290
%RSD	.5831572	6.500709	1.996959	4.680180	7.648141	.9986884	.4153110

#1	.1521785	1.159400	.0317554	-.002922	1.592143	.0772188	.4862209
#2	.1510132	1.148993	.0314519	-.003043	1.373852	.0763968	.4895715
#3	.1527526	1.288909	.0326774	-.002771	1.545876	.0779373	.4898789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.435143	1.161100	-.049624	.0088636	6.604191	.7752421	.0106546
Stddev	.039350	.012522	.001387	.0001443	.063404	.0065890	.0006155
%RSD	2.741908	1.078429	2.794181	1.627872	.9600503	.8499294	5.776480

#1	1.392790	1.147309	-.049345	.0089758	6.549114	.7681646	.0100614
#2	1.442069	1.164232	-.051128	.0089142	6.589957	.7763630	.0106122
#3	1.470571	1.171758	-.048397	.0087009	6.673502	.7811988	.0112902

Sample Name: K1139-17LX5 Acquired: 01/15/2019 19:32:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6118281	.0103010	.2121374
Stddev	.0050941	.0010907	.0007180
%RSD	.8326040	10.58799	.3384683

#1	.6157988	.0090630	.2113085
#2	.6060844	.0107196	.2125353
#3	.6136011	.0111203	.2125684

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.030	2839.621	57552.05	5926.627	4419.120
Stddev	7.227	14.780	71.66	20.259	35.812
%RSD	.2704578	.5204772	.1245159	.3418283	.8103775

#1	2674.311	2851.853	57482.71	5943.220	4449.976
#2	2677.840	2843.812	57625.82	5932.610	4427.533
#3	2663.938	2823.199	57547.62	5904.050	4379.851

Sample Name: K1139-17MS Acquired: 01/15/2019 19:36:08 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.169873	1.858079	2.082056	1.570660	.3069940	66.19001	1.206415
Stddev	.015576	.022697	.038312	.020526	.0012354	.09713	.005358
%RSD	1.331407	1.221527	1.840092	1.306866	.4024154	.1467408	.4441330

#1	1.157266	1.842184	2.049829	1.550077	.3079814	66.30186	1.200805
#2	1.165067	1.847980	2.071923	1.570773	.3056087	66.12692	1.206961
#3	1.187285	1.884073	2.124416	1.591129	.3073918	66.14125	1.211479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1816361	.2108504	38.78417	.4700236	.2602550	.8713350	201.3505
Stddev	.0007716	.0032891	.27193	.0028318	.0043345	.0042964	1.4674
%RSD	.4248258	1.559901	.7011339	.6024689	1.665498	.4930802	.7287759

#1	.1810503	.2076485	39.06680	.4682119	.2564524	.8663837	202.9567
#2	.1825104	.2106826	38.76132	.4685720	.2593377	.8735403	201.0145
#3	.1813475	.2142202	38.52439	.4732868	.2649747	.8740808	200.0802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8910252	7.067077	.6311932	.0572443	9.941463	.6051017	2.019674
Stddev	.0103541	.105148	.0091209	.0005994	.072250	.0045432	.010711
%RSD	1.162039	1.487851	1.445020	1.047052	.7267536	.7508084	.5303206

#1	.9029745	7.080353	.6239033	.0577489	9.893395	.6049771	2.009589
#2	.8853929	6.955922	.6282553	.0565817	9.906446	.6097059	2.018516
#3	.8847081	7.164956	.6414209	.0574022	10.02455	.6006222	2.030916

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44854	10.87720	-.023792	.4213210	30.73052	4.274559	.7500886
Stddev	.06739	.14963	.003604	.0041386	.42518	.013180	.0122081
%RSD	.4362450	1.375670	15.15013	.9822947	1.383563	.3083358	1.627555

#1	15.38469	10.73880	-.027293	.4180249	30.34883	4.278137	.7400721
#2	15.51899	10.85681	-.020092	.4199722	30.65394	4.285581	.7465067
#3	15.44196	11.03598	-.023990	.4259657	31.18878	4.259960	.7636870

Sample Name: K1139-17MS Acquired: 01/15/2019 19:36:08 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.970119	.2302999	1.217182
Stddev	.014671	.0018702	.004724
%RSD	.4939610	.8120814	.3881237

#1	2.979801	.2286047	1.211820
#2	2.953239	.2299889	1.220732
#3	2.977317	.2323062	1.218994

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2930.837	3176.595	64620.21	6671.818	4688.135
Stddev	17.088	11.402	334.51	37.443	16.176
%RSD	.5830368	.3589291	.5176485	.5612052	.3450430

#1	2912.215	3167.670	64404.13	6653.123	4686.693
#2	2945.798	3189.439	65005.51	6647.403	4704.984
#3	2934.499	3172.675	64450.99	6714.926	4672.728

Sample Name: K1139-17MSD Acquired: 01/15/2019 19:39:43 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.174439	1.875694	2.146408	1.603542	.3039887	69.11999	1.293006
Stddev	.004687	.003472	.006270	.007814	.0016548	.42776	.003317
%RSD	.3990421	.1850971	.2921208	.4873205	.5443605	.6188667	.2565608

#1	1.171513	1.871894	2.143143	1.601828	.3037821	69.40860	1.296614
#2	1.171960	1.876491	2.142443	1.596726	.3024469	69.32283	1.292315
#3	1.179845	1.878699	2.153636	1.612071	.3057371	68.62854	1.290088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1884977	.2141543	39.41515	.4829514	.2648783	.9358920	208.7355
Stddev	.0022525	.0005388	.37170	.0019046	.0012108	.0024797	1.7067
%RSD	1.194978	.2515903	.9430271	.3943702	.4571033	.2649552	.8176219

#1	.1909846	.2139976	39.72524	.4849577	.2650396	.9363612	209.5220
#2	.1879137	.2137112	39.51709	.4827284	.2635950	.9332113	209.9071
#3	.1865946	.2147540	39.00312	.4811681	.2660003	.9381036	206.7774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9184701	7.903125	.6431687	.0584433	11.30348	.6366201	2.188049
Stddev	.0075802	.031940	.0022853	.0006720	.13614	.0081323	.010753
%RSD	.8253027	.4041456	.3553266	1.149908	1.204449	1.277416	.4914394

#1	.9265724	7.939973	.6425827	.0590138	11.15019	.6435435	2.182406
#2	.9172866	7.883348	.6412335	.0586135	11.34992	.6386524	2.200449
#3	.9115513	7.886053	.6456901	.0577025	11.41033	.6276644	2.181293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.87087	11.02884	-.022107	.4246684	31.15533	4.398792	.7621583
Stddev	.11187	.02935	.001336	.0009127	.13336	.052515	.0007412
%RSD	.7048483	.2661151	6.045491	.2149231	.4280516	1.193853	.0972535

#1	15.97773	11.02196	-.023633	.4252909	31.11501	4.458273	.7613713
#2	15.75459	11.00354	-.021145	.4236207	31.04679	4.379265	.7622604
#3	15.88028	11.06102	-.021543	.4250937	31.30420	4.358837	.7628432

Sample Name: K1139-17MSD Acquired: 01/15/2019 19:39:43 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: S-9MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.088140	.2378158	1.253545
Stddev	.017316	.0018420	.002554
%RSD	.5607397	.7745487	.2037777

#1	3.098683	.2381113	1.255308
#2	3.097582	.2394921	1.250615
#3	3.068154	.2358439	1.254711

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2952.359	3203.138	64906.28	6688.738	4710.966
Stddev	18.586	10.386	31.81	35.592	16.017
%RSD	.6295343	.3242460	.0490082	.5321225	.3400026

#1	2973.542	3197.046	64886.63	6649.920	4707.455
#2	2938.785	3215.131	64889.22	6696.456	4728.447
#3	2944.750	3197.238	64942.98	6719.838	4696.994

Sample Name: K1139-17A Acquired: 01/15/2019 19:43:20 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA7878 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.222538	1.923526	2.214729	1.649819	.3114881	68.83505	1.291050
Stddev	.013966	.015674	.016707	.018994	.0020600	.42312	.011326
%RSD	1.142346	.8148485	.7543669	1.151251	.6613274	.6146804	.8772612

#1	1.211679	1.909045	2.198058	1.636484	.3099547	68.93174	1.295943
#2	1.217643	1.921366	2.214655	1.641406	.3106800	68.37196	1.278101
#3	1.238292	1.940168	2.231472	1.671566	.3138296	69.20145	1.299108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1874416	.2210537	39.32313	.4904525	.2728423	.9269462	207.0059
Stddev	.0029000	.0026980	.16960	.0040595	.0032583	.0048249	.8278
%RSD	1.547157	1.220536	.4312894	.8276979	1.194191	.5205129	.3998831

#1	.1854138	.2185823	39.14108	.4859643	.2705519	.9265648	207.2412
#2	.1861476	.2206467	39.35166	.4915258	.2714026	.9223234	206.0859
#3	.1907633	.2239321	39.47665	.4938675	.2765725	.9319505	207.6905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9198211	7.937477	.6624476	.0595730	11.34628	.6220062	2.214672
Stddev	.0042589	.061760	.0069537	.0007597	.23975	.0060038	.003432
%RSD	.4630151	.7780863	1.049696	1.275311	2.113000	.9652324	.1549591

#1	.9149312	7.924184	.6567519	.0588581	11.34542	.6284143	2.216182
#2	.9218127	7.883445	.6603941	.0594901	11.10696	.6165113	2.217090
#3	.9227193	8.004801	.6701967	.0603708	11.58645	.6210929	2.210744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.83720	11.38445	-.026501	.4381553	32.13153	4.374966	.7850517
Stddev	.24477	.12099	.002810	.0045942	.31268	.072363	.0089425
%RSD	1.545533	1.062777	10.60456	1.048540	.9731168	1.654035	1.139093

#1	15.87275	11.27245	-.024726	.4344979	31.85260	4.325412	.7793630
#2	15.57660	11.36813	-.025036	.4366561	32.07246	4.341479	.7804330
#3	16.06225	11.51278	-.029741	.4433118	32.46953	4.458008	.7953591

Sample Name: K1139-17A Acquired: 01/15/2019 19:43:20 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA7878 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.076821	.2381486	1.249012
Stddev	.013072	.0027742	.016859
%RSD	.4248465	1.164893	1.349750

#1	3.083555	.2382807	1.261565
#2	3.061756	.2353107	1.229850
#3	3.085153	.2408543	1.255620

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.151	3114.160	64212.53	6716.374	4582.319
Stddev	27.541	28.433	272.10	51.257	45.980
%RSD	.9447607	.9130246	.4237515	.7631637	1.003425

#1	2886.856	3135.506	63918.38	6708.673	4617.388
#2	2916.725	3125.090	64263.95	6771.046	4599.307
#3	2941.871	3081.884	64455.25	6669.404	4530.262

Sample Name: K1139-19 Acquired: 01/15/2019 19:46:55 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559705	-.001228	.1565020	-.038196	.0105558	163.6401
Stddev	.0042805	.001450	.0013892	.002772	.0007174	1.0613
%RSD	7.647813	118.0272	.8876226	7.258472	6.795981	.6485842

#1	.0516091	.000379	.1562167	-.038515	.0112657	162.5249
#2	.0561372	-.001627	.1580116	-.040795	.0105706	163.7575
#3	.0601653	-.002438	.1552775	-.035278	.0098312	164.6378

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.312284	.0068847	.0081303	F 1717.064	.1307985	.0840936
Stddev	.004434	.0001322	.0001742	21.939	.0010233	.0010771
%RSD	.3378732	1.920619	2.142013	1.277681	.7823850	1.280836

#1	1.308574	.0067320	.0079910	1738.755	.1300240	.0833626
#2	1.311082	.0069635	.0080743	1694.885	.1319587	.0835877
#3	1.317194	.0069585	.0083255	1717.551	.1304129	.0853305

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8020840	226.1260	3.717485	94.32718	.1906648	-.018574
Stddev	.0073056	1.2720	.024549	.59063	.0018461	.000099
%RSD	.9108270	.5625395	.6603778	.6261481	.9682348	.5333971

#1	.7961682	224.6977	3.689283	93.64566	.1896517	-.018678
#2	.7998338	226.5433	3.729104	94.64589	.1895470	-.018481
#3	.8102500	227.1370	3.734069	94.68999	.1927956	-.018562

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.087202	.2524726	2.800404	7.297906	6.246667	.0083818
Stddev	.161026	.0041409	.007704	.032740	.039302	.0021079
%RSD	1.991127	1.640138	.2750865	.4486159	.6291721	25.14859

#1	7.901836	.2500817	2.797126	7.260118	6.203663	.0103311
#2	8.167276	.2572541	2.794881	7.317744	6.255615	.0086693
#3	8.192494	.2500820	2.809204	7.315857	6.280724	.0061449

Sample Name: K1139-19 Acquired: 01/15/2019 19:46:55 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047306	43.65274	.4942515	.0257755	6.777624	.1626917
Stddev	.0002394	.32964	.0044696	.0021502	.042086	.0023984
%RSD	5.060240	.7551352	.9043096	8.341924	.6209586	1.474229

#1	.0048682	43.36686	.4892255	.0252179	6.733420	.1602025
#2	.0048695	43.57805	.4977799	.0239590	6.782242	.1628847
#3	.0044542	44.01332	.4957492	.0281495	6.817211	.1649878

Elem	Sr4077
Units	ppm
Avg	7.015284
Stddev	.052329
%RSD	.7459252

#1	7.040204
#2	7.050494
#3	6.955152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.011	2859.163	61282.55	6442.038	3775.522
Stddev	23.498	20.584	529.56	12.248	30.369
%RSD	.8623119	.7199330	.8641265	.1901228	.8043596

#1	2706.271	2875.329	60777.66	6452.898	3800.887
#2	2751.374	2866.169	61833.74	6444.452	3783.810
#3	2717.388	2835.990	61236.25	6428.763	3741.870

Sample Name: CCV09 Acquired: 01/15/2019 19:50:54 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB7878 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.115480	5.105444	5.098019	5.057205	5.141694	10.37761	10.36733
Stddev	.022715	.009727	.012521	.016751	.009977	.04356	.02128
%RSD	.4440495	.1905159	.2456009	.3312328	.1940375	.4197118	.2052787

#1	5.111113	5.105548	5.091282	5.048616	5.135771	10.36287	10.35969
#2	5.095265	5.095666	5.090308	5.046490	5.136098	10.34333	10.35093
#3	5.140061	5.115118	5.112466	5.076509	5.153212	10.42662	10.39138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2598247	2.547917	26.62635	1.020380	2.560569	1.293286	5.421394
Stddev	.0013892	.006683	.15820	.003206	.005230	.004472	.029886
%RSD	.5346817	.2622867	.5941366	.3142196	.2042466	.3457822	.5512632

#1	.2586155	2.548533	26.61864	1.022308	2.561561	1.296514	5.442181
#2	.2595164	2.540948	26.47216	1.016679	2.554915	1.288182	5.387144
#3	.2613422	2.554271	26.78827	1.022152	2.565233	1.295164	5.434855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.632224	26.07283	2.538106	1.285453	25.95899	2.604950	2.628662
Stddev	.019530	.18959	.004383	.002261	.15600	.005043	.005209
%RSD	.7419551	.7271373	.1726958	.1758910	.6009453	.1935929	.1981664

#1	2.626161	25.88919	2.541369	1.283011	25.95299	2.608946	2.634665
#2	2.616445	26.06145	2.533124	1.287473	25.80608	2.599284	2.625982
#3	2.654066	26.26785	2.539825	1.285876	26.11790	2.606620	2.625339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.96297	5.220385	5.128635	5.198143	5.015279	5.214608	5.077862
Stddev	.07448	.016178	.032811	.021418	.022516	.022241	.008688
%RSD	.2868609	.3099047	.6397542	.4120366	.4489515	.4265208	.1710857

#1	25.90786	5.202888	5.107497	5.183629	5.013055	5.196734	5.074295
#2	25.93336	5.223465	5.111975	5.188058	4.993957	5.207574	5.071525
#3	26.04770	5.234801	5.166433	5.222742	5.038824	5.239516	5.087765

Sample Name: CCV09 Acquired: 01/15/2019 19:50:54 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSAB7878 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.209125	5.106345	5.172975
Stddev	.026438	.023006	.012034
%RSD	.5075332	.4505363	.2326367

#1	5.228017	5.109223	5.186871
#2	5.178911	5.082035	5.166011
#3	5.220447	5.127776	5.166043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.578	2997.772	60706.78	6136.413	4694.392
Stddev	3.030	5.491	50.30	30.164	10.633
%RSD	.1092919	.1831698	.0828615	.4915630	.2265034

#1	2769.438	2994.995	60752.77	6154.683	4682.961
#2	2775.485	3004.097	60714.52	6152.959	4703.988
#3	2772.811	2994.225	60653.06	6101.596	4696.229

Sample Name: CCB09 Acquired: 01/15/2019 19:54:26 Type: Unk
Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023603	.0007587	-.000767	-.000548	.0008150	-.001883	.0010174
Stddev	.0028714	.0007397	.001202	.001410	.0009015	.004261	.0003946
%RSD	121.6553	97.50812	156.8692	257.1311	110.6069	226.2643	38.78934

#1	.0001556	.0011493	-.002154	.000534	.0000229	-.000068	.0005646
#2	.0013181	-.000095	-.000105	-.000036	.0017959	-.006751	.0012884
#3	.0056073	.001221	-.000040	-.002143	.0006263	.001170	.0011990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000222	.0000760	.0443821	-.000208	.0002426	-.002891	.0299390
Stddev	.0000235	.0000623	.0287217	.000329	.0002584	.005525	.0271253
%RSD	105.6425	82.02729	64.71463	158.2349	106.5029	191.1512	90.60201

#1	.0000447	.0001440	.0744426	-.000538	.0002758	.003097	.0582618
#2	-.000002	.0000625	.0414847	.000119	-.000031	-.007793	.0273600
#3	.000024	.0000215	.0172189	-.000204	.000483	-.003975	.0041953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004871	.0202755	.0000993	.0003790	-.037605	.0044139	-.000240
Stddev	.0006966	.0476216	.0002037	.0006233	.053951	.0022892	.000199
%RSD	143.0029	234.8732	205.1502	164.4797	143.4651	51.86317	83.21981

#1	.0012266	.0644692	-.000050	-.000316	.019866	.0064366	-.000428
#2	-.000157	.0265160	.000331	.000564	-.087161	.0019288	-.000031
#3	.000391	-.030159	.000016	.000889	-.045521	.0048762	-.000261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117640	-.000311	.0029302	.0001444	.0021254	.0070147	-.001046
Stddev	.0577129	.002227	.0002892	.0000545	.0019937	.0004004	.000919
%RSD	490.5898	715.5292	9.868286	37.75819	93.80108	5.707989	87.85740

#1	.0693927	.001779	.0028854	.0000821	.0037751	.0067556	.000015
#2	.0119321	-.000058	.0032391	.0001681	-.000090	.0074759	-.001568
#3	-.046033	-.002654	.0026661	.0001832	.002691	.0068126	-.001586

Sample Name: CCB09 Acquired: 01/15/2019 19:54:26 Type: Unk
 Method: NON EPA-6010-200.7(v49) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005056	.0021383	.0003495
Stddev	.0000696	.0015394	.0000875
%RSD	13.75853	71.99241	25.04572

#1	.0004338	.0015258	.0003796
#2	.0005726	.0009995	.0004181
#3	.0005103	.0038897	.0002509

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.823	2912.877	59125.89	6064.617	4611.006
Stddev	20.618	41.518	264.82	18.294	64.747
%RSD	.7503306	1.425325	.4478891	.3016437	1.404176

#1	2762.934	2954.100	59426.11	6077.390	4673.713
#2	2724.335	2913.462	58925.50	6072.800	4614.908
#3	2756.199	2871.070	59026.05	6043.660	4544.397