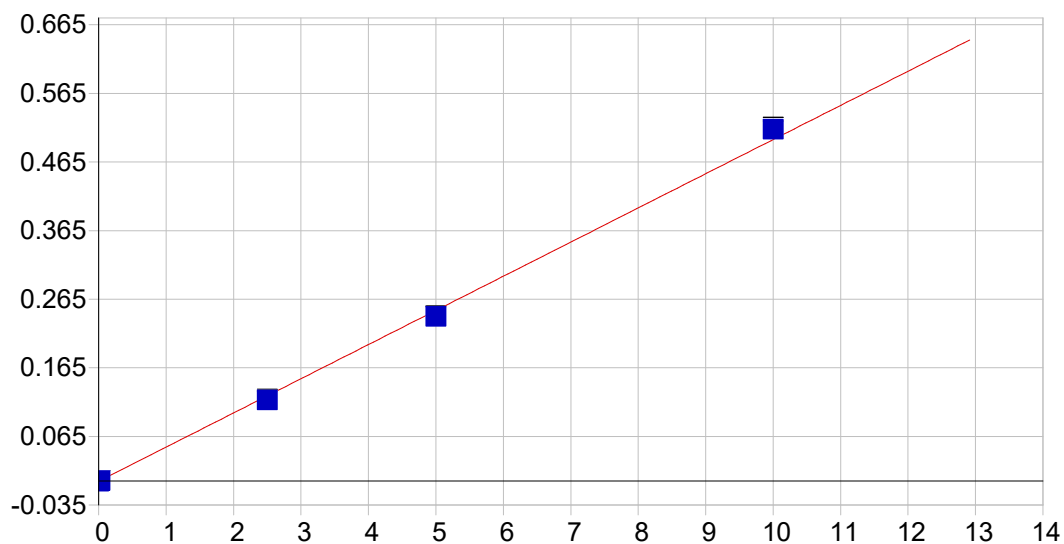


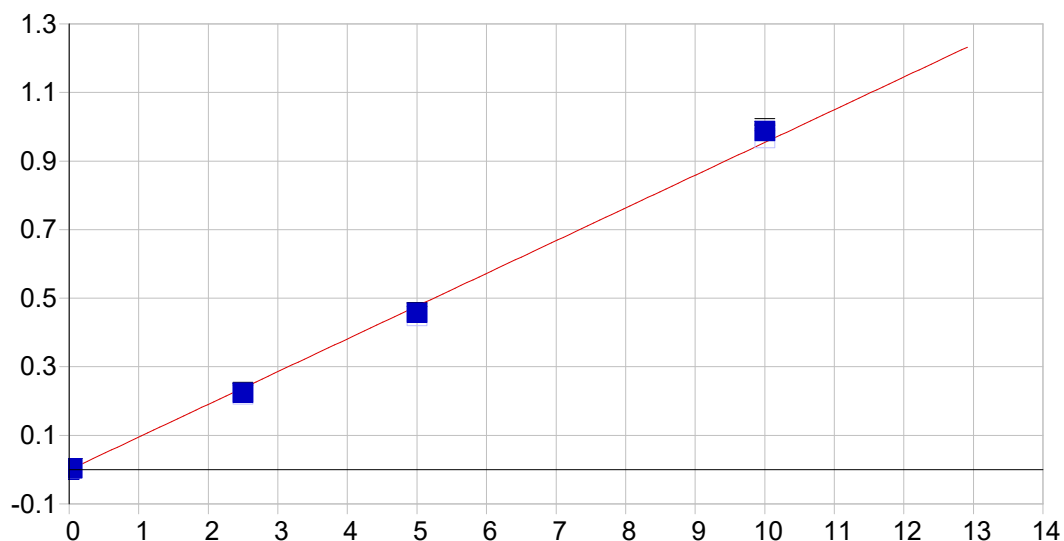


As 189.042 {479}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000423	Re-Slope:	1.000000
A1 (Gain):	0.049813	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999377	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.002755		
Predicted MQL:	0.009183		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00042	.000	1
S1	.02000	.02226	.002	11.3	.00070	.000	1
S3	2.5000	2.3735	-.127	-5.06	.11797	.001	1
S4	5.0000	4.8236	-.176	-3.53	.24018	.001	1
S5	10.000	10.301	.301	3.01	.51332	.003	1

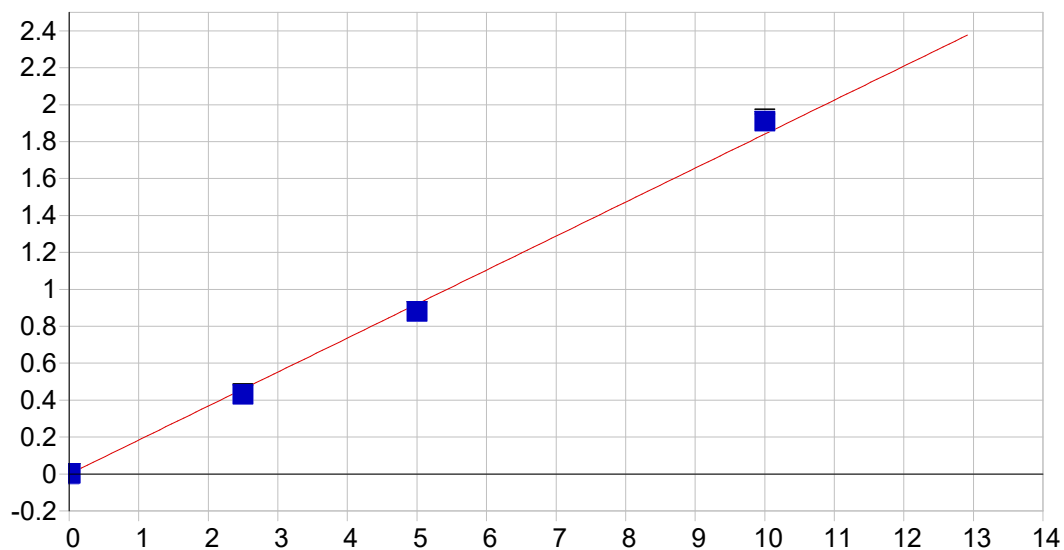


TI 190.856 {477}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000561 Re-Slope: 1.000000
 A1 (Gain): 0.095467 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999130 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.001354
 Predicted MQL: 0.004515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00056	.000	1
S1	.04000	.04376	.004	9.40	.00346	.000	1
S3	2.5000	2.3528	-.147	-5.89	.21907	.002	1
S4	5.0000	4.7970	-.203	-4.06	.44742	.001	1
S5	10.000	10.347	.347	3.47	.96726	.008	1

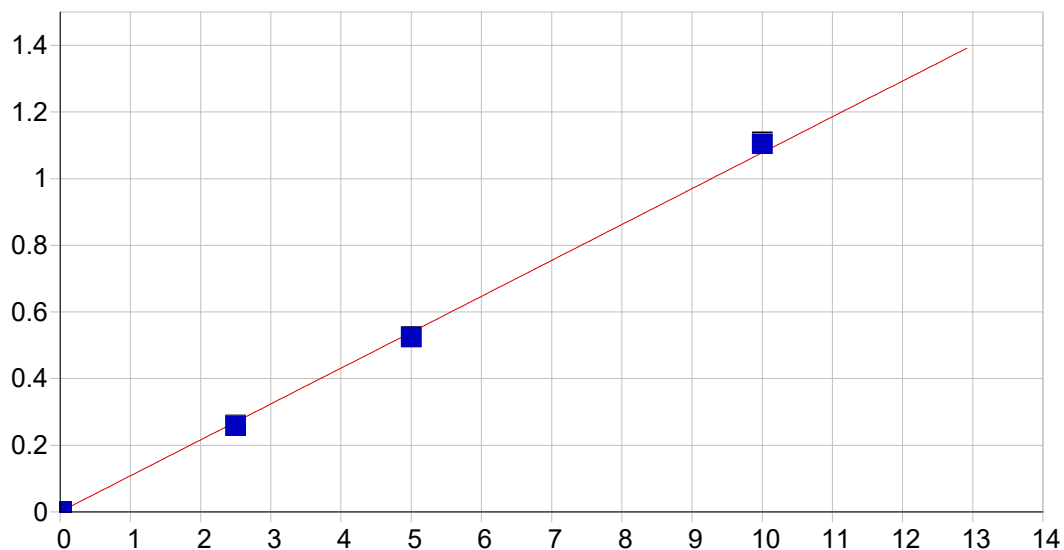


Pb 220.353 {453}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000318 Re-Slope: 1.000000
A1 (Gain): 0.184075 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999018 Status: OK.
Std Error of Est: 0.000153
Predicted MDL: 0.001413
Predicted MQL: 0.004710

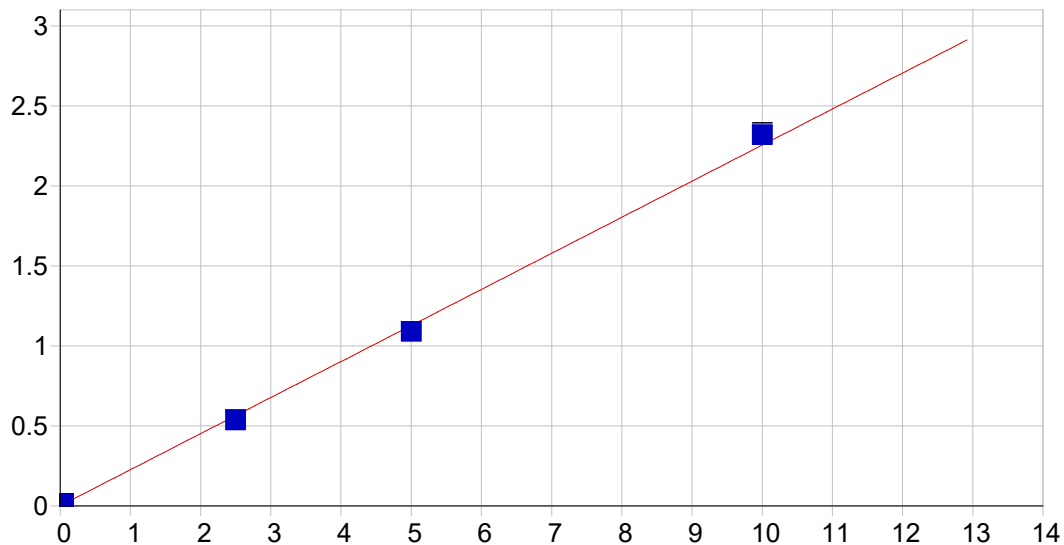
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.01200	.01311	.001	9.24	.00205	.000	1
S3	2.5000	2.3420	-.158	-6.32	.43018	.004	1
S4	5.0000	4.7776	-.222	-4.45	.87792	.000	1
S5	10.000	10.379	.379	3.79	1.9079	.013	1

**Se 196.090 {472}**

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000649 Re-Slope: 1.000000
A1 (Gain): 0.107712 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999576 Status: OK.
Std Error of Est: 0.000076
Predicted MDL: 0.001951
Predicted MQL: 0.006502

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00065	.000	1
S1	.02000	.01832	-.002	-8.42	.00262	.000	1
S3	2.5000	2.3883	-.112	-4.47	.25787	.002	1
S4	5.0000	4.8656	-.134	-2.69	.52467	.001	1
S5	10.000	10.248	.248	2.48	1.1043	.005	1

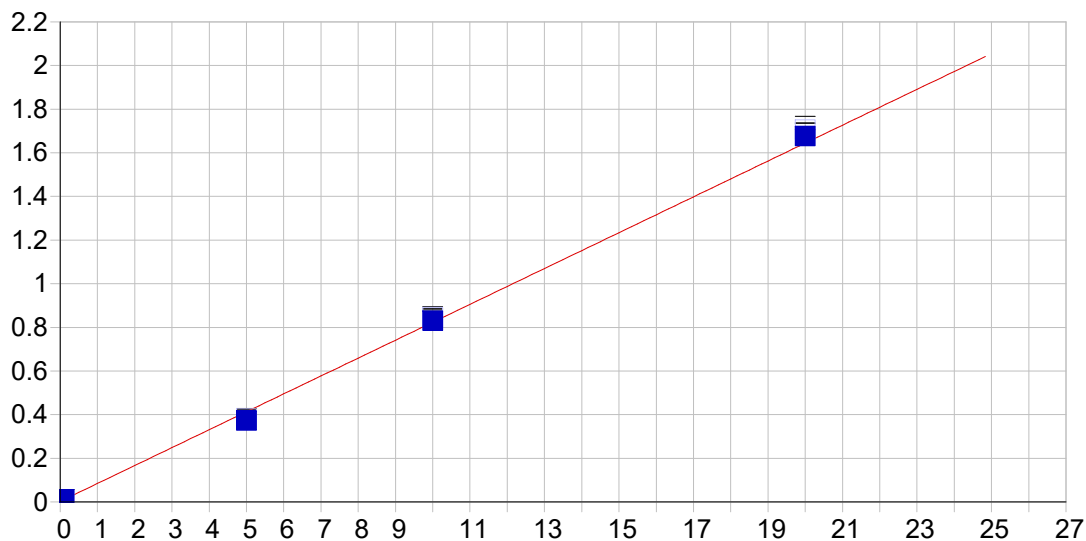


Sb 206.833 {463}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000830 Re-Slope: 1.000000
 A1 (Gain): 0.225400 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999405 Status: OK.
 Std Error of Est: 0.000297
 Predicted MDL: 0.001159
 Predicted MQL: 0.003862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00083	.000	1
S1	.05000	.05373	.004	7.46	.01291	.000	1
S3	2.5000	2.3754	-.125	-4.98	.53620	.004	1
S4	5.0000	4.8287	-.171	-3.43	1.0891	.001	1
S5	10.000	10.292	.292	2.92	2.3205	.011	1

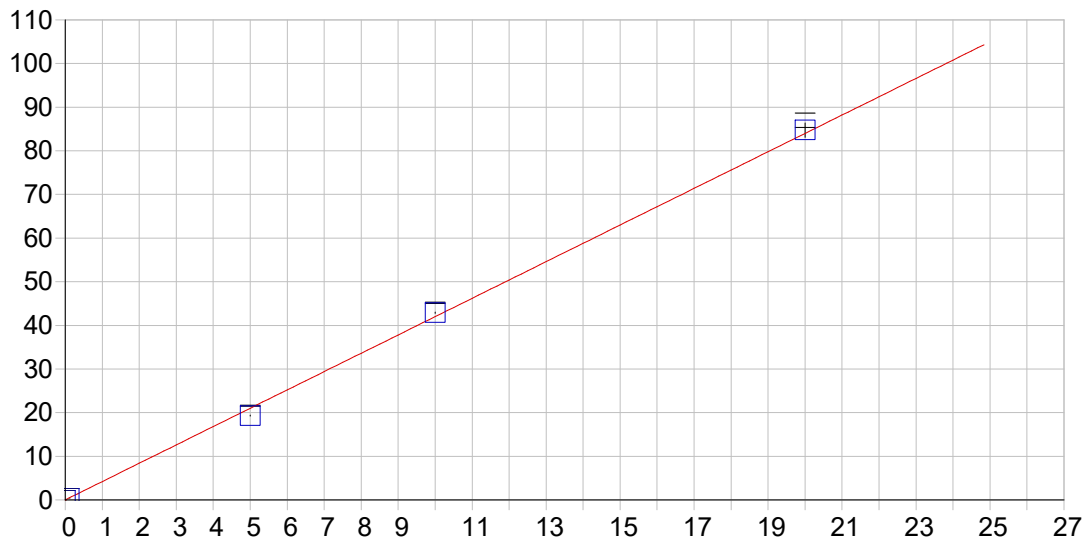


AI 396.152 { 85}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002419 Re-Slope: 1.000000
 A1 (Gain): 0.082103 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999215 Status: OK.
 Std Error of Est: 0.000254
 Predicted MDL: 0.011085
 Predicted MQL: 0.036950

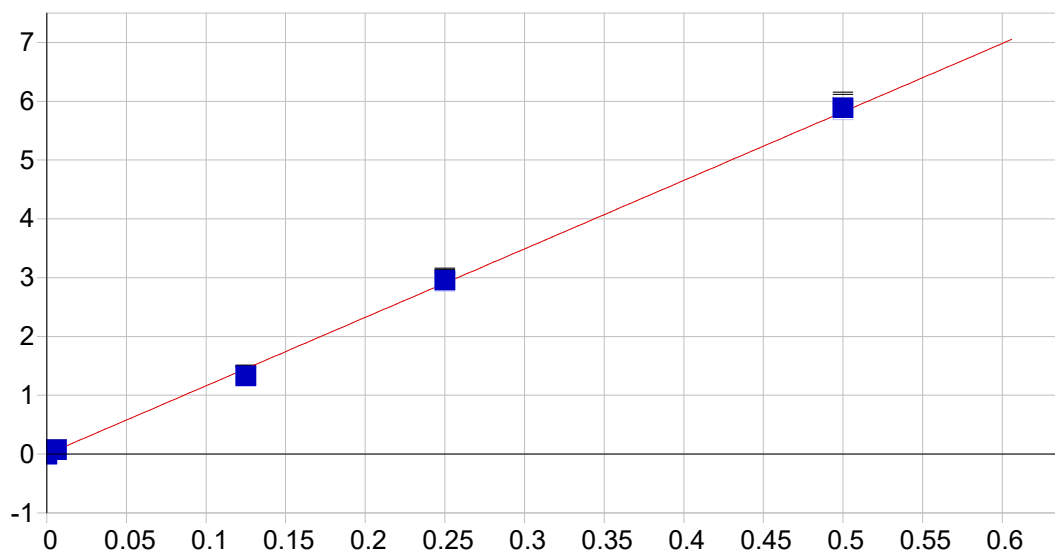
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00242	.001	1
S1	.10000	.11509	.015	15.1	.01248	.001	1
S3	5.0000	4.5156	-.484	-9.69	.38079	.003	1
S4	10.000	10.086	.086	.857	.84574	.004	1
S5	20.000	20.383	.383	1.91	1.7064	.016	1

**Ba 493.409 { 68}**

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009692 Re-Slope: 1.000000
 A1 (Gain): 4.199201 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999435 Status: OK.
 Std Error of Est: 0.010791
 Predicted MDL: 0.000686
 Predicted MQL: 0.002287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00968	.003	1
S1	.10000	.10789	.008	7.89	.46274	.000	1
S3	5.0000	4.5956	-.404	-8.09	19.308	.124	1
S4	10.000	10.218	.218	2.18	42.916	.163	1
S5	20.000	20.179	.179	.894	84.745	1.62	1

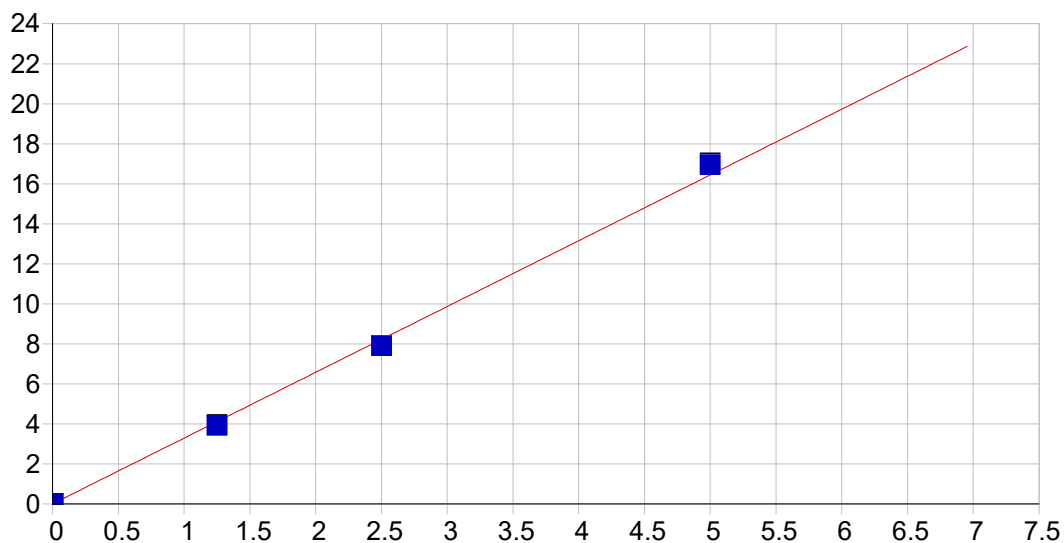


Be 234.861 {144}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002874 Re-Slope: 1.000000
 A1 (Gain): 11.642565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999403 Status: OK.
 Std Error of Est: 0.001185
 Predicted MDL: 0.000046
 Predicted MQL: 0.000152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00287	.000	1
S1	.00600	.00631	.000	5.16	.06980	.001	1
S3	.12500	.11451	-.010	-8.39	1.3206	.013	1
S4	.25000	.25417	.004	1.67	2.9367	.037	1
S5	.50000	.50601	.006	1.20	5.8493	.097	1

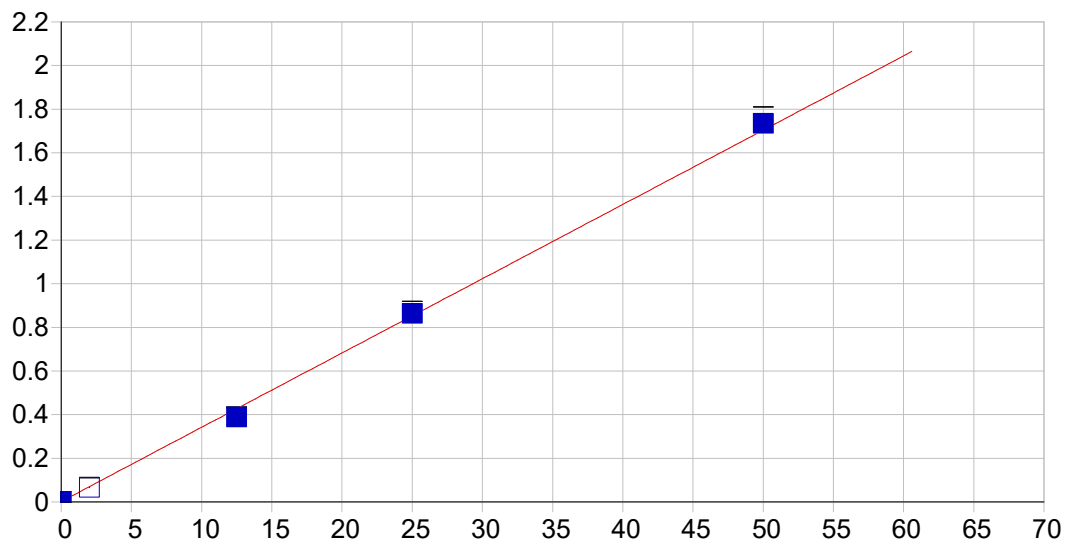


Cd 214.438 {457}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000321 Re-Slope: 1.000000
A1 (Gain): 3.288246 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999365 Status: OK.
Std Error of Est: 0.001097
Predicted MDL: 0.000062
Predicted MQL: 0.000207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00600	.00628	.000	4.75	.02100	.000	1
S3	1.2500	1.1911	-.059	-4.71	3.9171	.035	1
S4	2.5000	2.4049	-.095	-3.81	7.9086	.010	1
S5	5.0000	5.1538	.154	3.08	16.948	.089	1

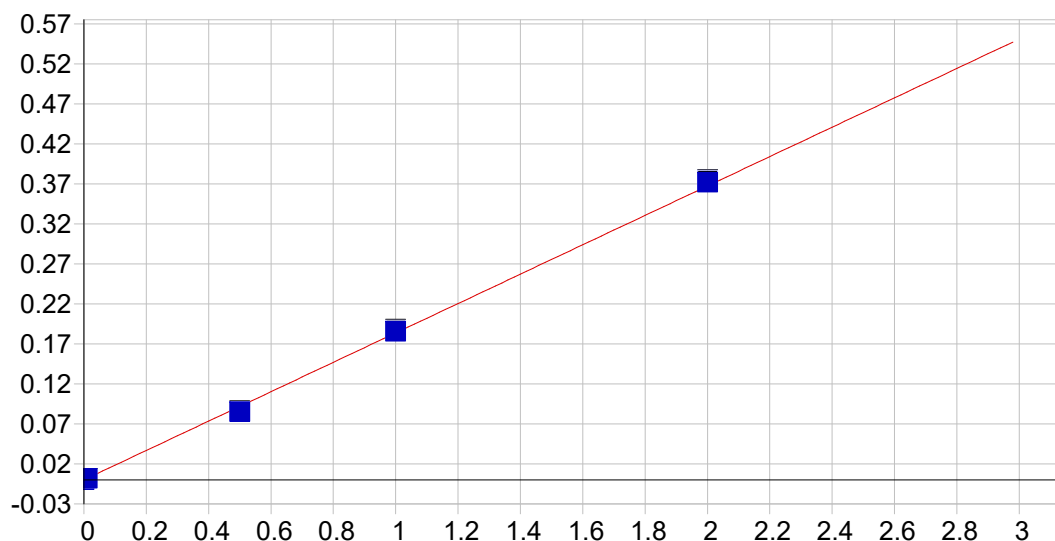


Ca 373.690 { 90}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001730 Re-Slope: 1.000000
A1 (Gain): 0.034040 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999270 Status: OK.
Std Error of Est: 0.000710
Predicted MDL: 0.019013
Predicted MQL: 0.063376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	.00174	.000	1
S2	2.0000	1.8846	-.115	-5.77	.06588	.001	1
S3	12.500	11.366	-1.13	-9.07	.38846	.004	1
S4	25.000	25.341	.341	1.37	.86401	.010	1
S5	50.000	50.908	.908	1.82	1.7340	.031	1

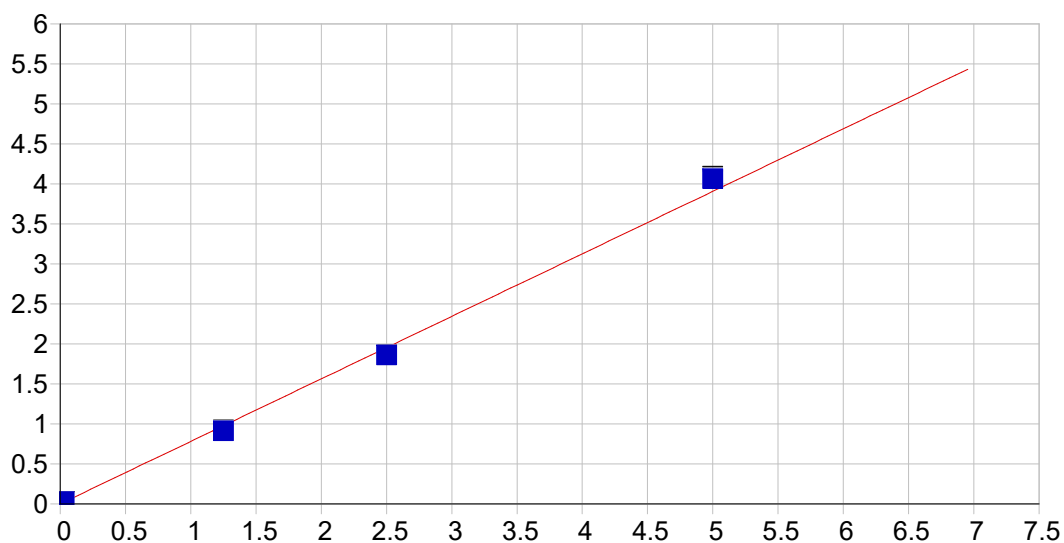


Cr 267.716 {126}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.183618 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999537 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.000390
 Predicted MQL: 0.001299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01084	.001	8.37	.00204	.000	1
S3	.50000	.46270	-.037	-7.46	.08563	.001	1
S4	1.0000	1.0110	.011	1.10	.18696	.001	1
S5	2.0000	2.0254	.025	1.27	.37452	.001	1

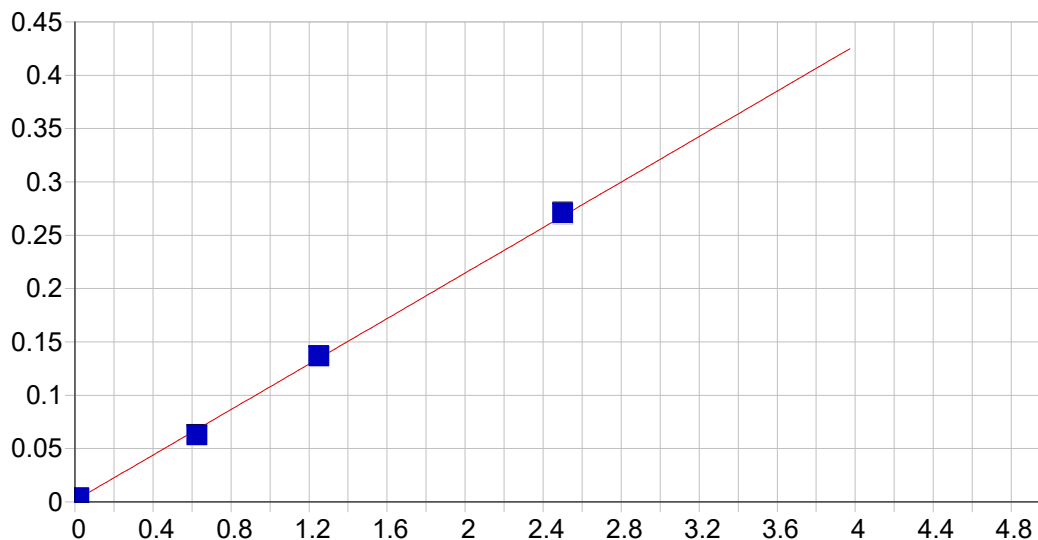


Co 228.616 {448}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.781423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998898 Status: OK.
 Std Error of Est: 0.000770
 Predicted MDL: 0.000225
 Predicted MQL: 0.000750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.03000	.03367	.004	12.2	.02635	.000	1
S3	1.2500	1.1685	-.081	-6.52	.91527	.008	1
S4	2.5000	2.3793	-.121	-4.83	1.8635	.002	1
S5	5.0000	5.1985	.198	3.97	4.0705	.027	1

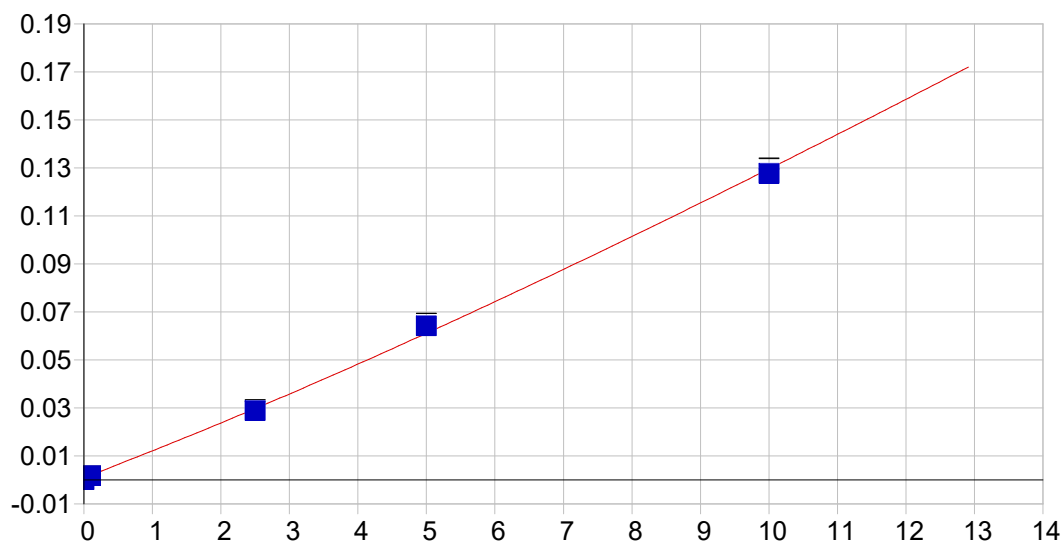


Cu 324.754 {104}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001267 Re-Slope: 1.000000
 A1 (Gain): 0.106630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999473 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.003792
 Predicted MQL: 0.012641

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00127	.000	1
S1	.02000	.02008	.000	.404	.00341	.000	1
S3	.62500	.57552	-.049	-7.92	.06228	.001	1
S4	1.2500	1.2703	.020	1.63	.13602	.000	1
S5	2.5000	2.5291	.029	1.16	.26954	.001	1

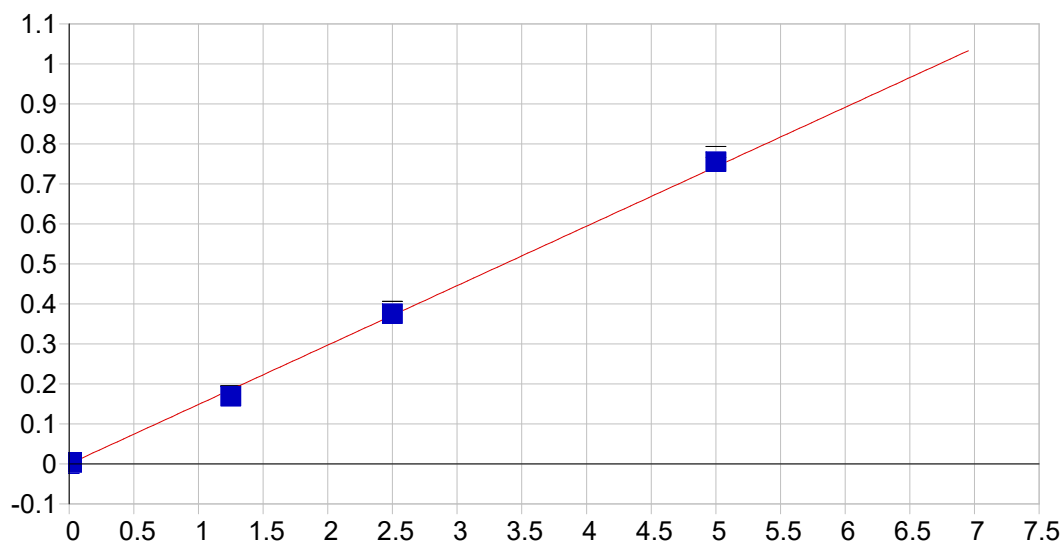


Fe 259.837 {130}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.005235 Y-int: 0.000000
 A2 (Curvature): 0.006859
 n (Exponent): 0.600000
 Correlation: 0.999528 Status: Warning Positive Curvature
 Std Error of Est: 0.000036
 Predicted MDL: 0.040867
 Predicted MQL: 0.136224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.10000	.09278	-.007	-7.22	.00169	.000	1
S3	2.5000	2.4308	-.069	-2.77	.02893	.000	1
S4	5.0000	5.2356	.236	4.71	.06430	.001	1
S5	10.000	9.8596	-.140	-1.40	.12783	.002	1

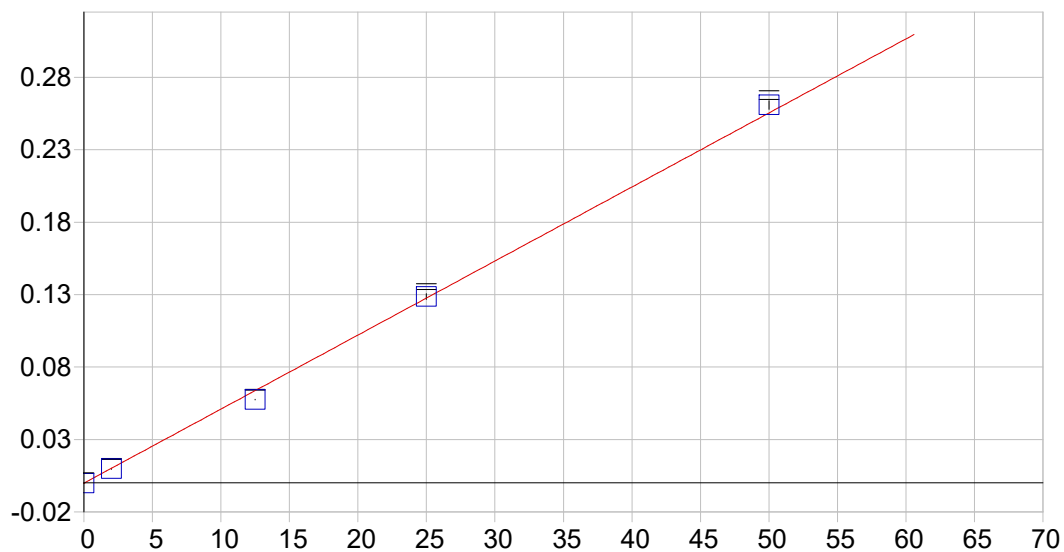


Mn 257.610 {131}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.148563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999333 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.001242
 Predicted MQL: 0.004141

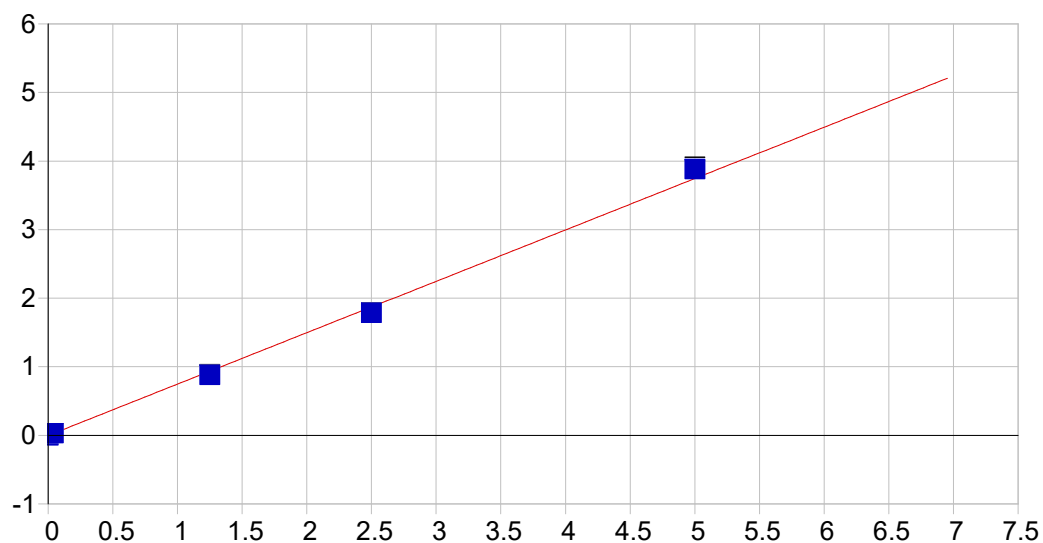
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.02000	.02161	.002	8.03	.00319	.000	1
S3	1.2500	1.1386	-.111	-8.91	.16917	.001	1
S4	2.5000	2.5277	.028	1.11	.37557	.006	1
S5	5.0000	5.0821	.082	1.64	.75513	.013	1

**Mg 279.079 {121}**

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.005111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999184 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.049909
 Predicted MQL: 0.166365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00015	.000	1
S2	2.0000	1.9345	-.066	-3.28	.00974	.000	1
S3	12.500	11.280	-1.22	-9.76	.05750	.000	1
S4	25.000	25.210	.210	.839	.12869	.002	1
S5	50.000	51.076	1.08	2.15	.26088	.003	1

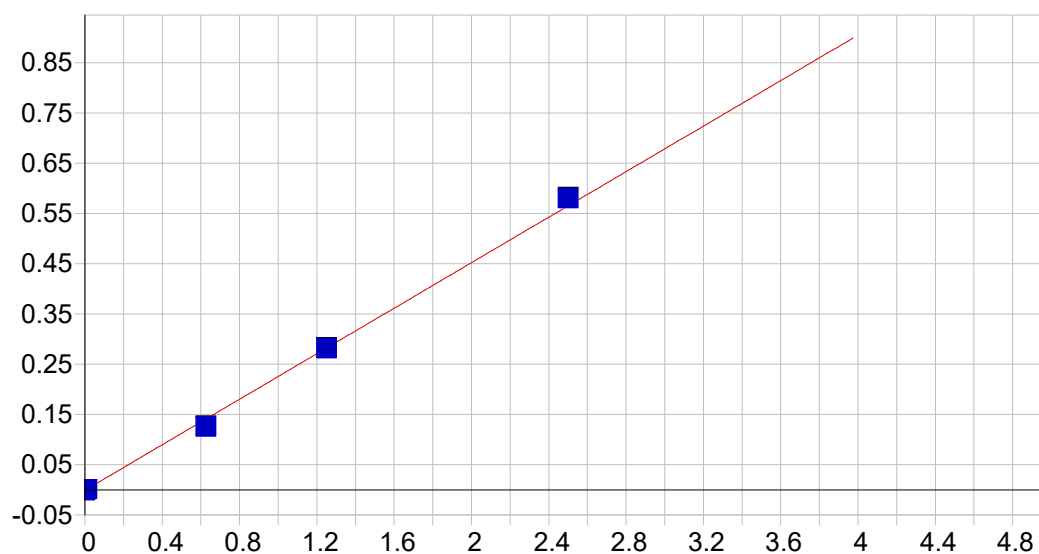


Ni 231.604 {446}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001542 Re-Slope: 1.000000
 A1 (Gain): 0.749193 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999047 Status: OK.
 Std Error of Est: 0.000793
 Predicted MDL: 0.000306
 Predicted MQL: 0.001020

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00154	.000	1
S1	.04000	.04426	.004	10.6	.03164	.000	1
S3	1.2500	1.1758	-.074	-5.94	.88026	.008	1
S4	2.5000	2.3861	-.114	-4.56	1.7879	.001	1
S5	5.0000	5.1839	.184	3.68	3.8858	.026	1

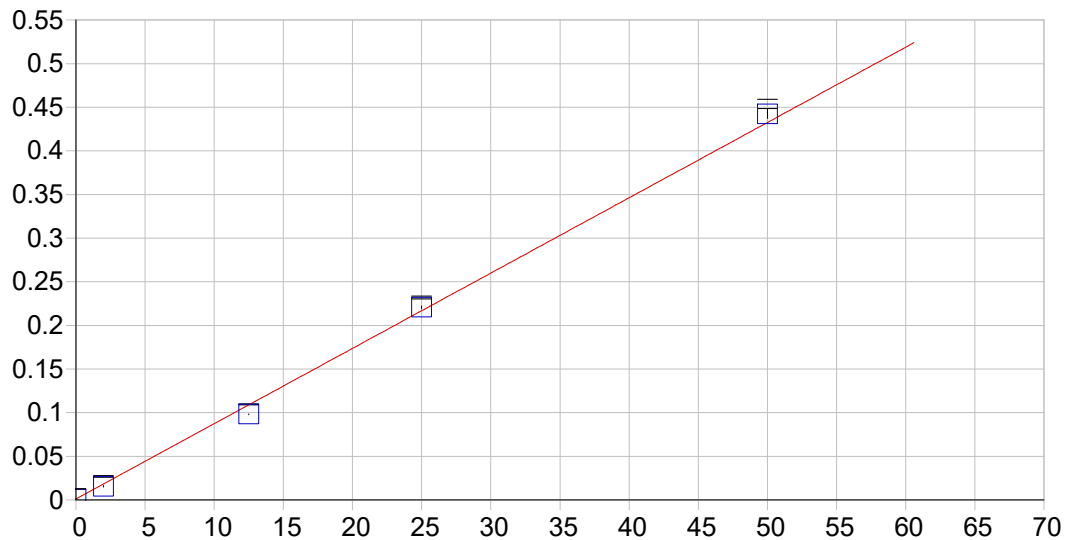


Ag 328.068 {103}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000959 Re-Slope: 1.000000
 A1 (Gain): 0.226522 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999014 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.000442
 Predicted MQL: 0.001472

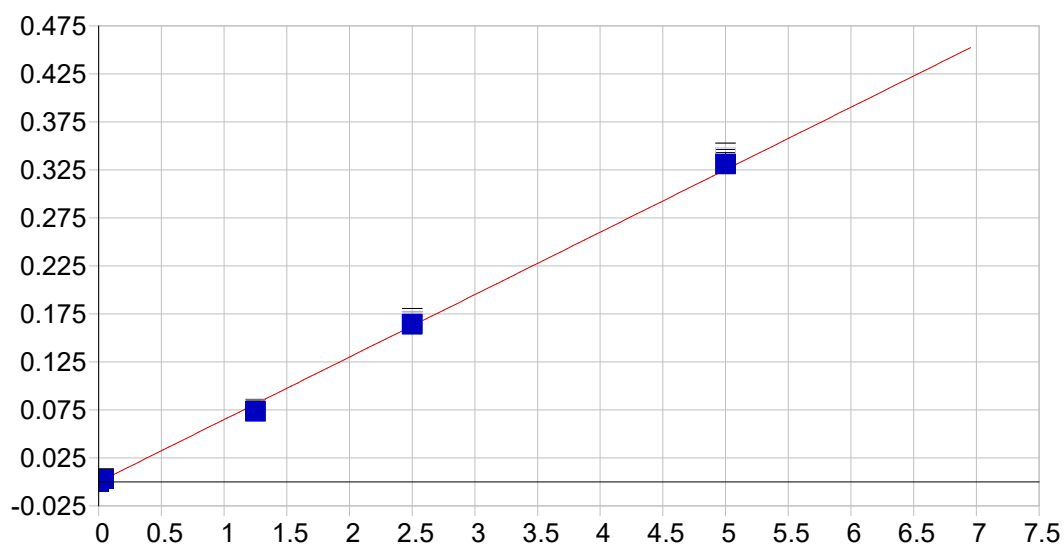
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.01000	.01010	.000	1.01	.00132	.000	1
S3	.62500	.55978	-.065	-10.4	.12572	.001	1
S4	1.2500	1.2475	-.003	-.201	.28138	.002	1
S5	2.5000	2.5676	.068	2.71	.58017	.002	1

**Na 818.326 {41}**

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001119 Re-Slope: 1.000000
 A1 (Gain): 0.008629 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998790 Status: OK.
 Std Error of Est: 0.000232
 Predicted MDL: 0.233695
 Predicted MQL: 0.778983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00045	.000	.000	.00112	.001	1
S2	2.0000	1.6647	-.335	-16.8	.01548	.001	1
S3	12.500	11.243	-1.26	-10.1	.09814	.001	1
S4	25.000	25.450	.450	1.80	.22073	.002	1
S5	50.000	51.142	1.14	2.28	.44243	.005	1

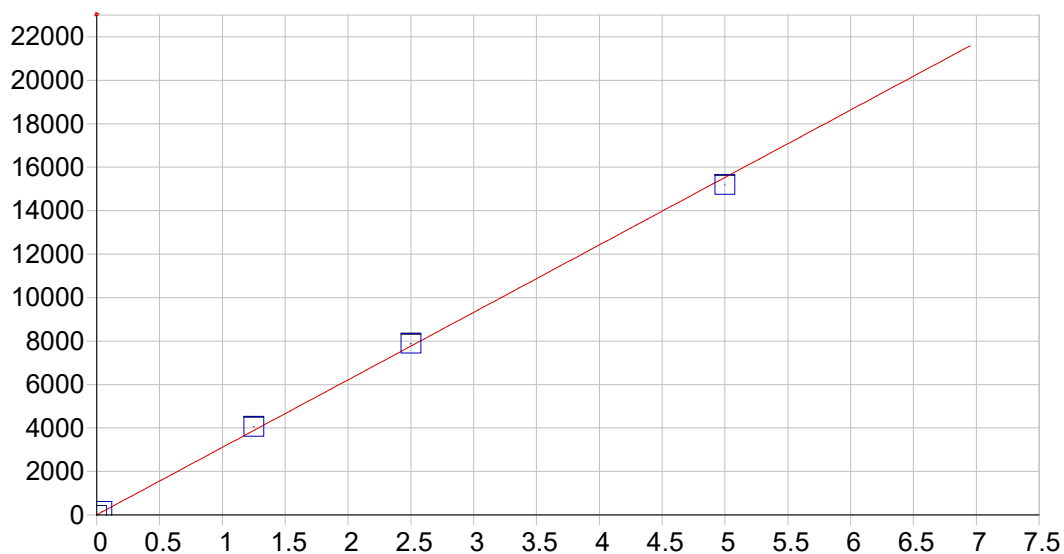


V 292.402 [115]

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.065082 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999211 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.004794
 Predicted MQL: 0.015981

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.04000	.04601	.006	15.0	.00302	.000	1
S3	1.2500	1.1292	-.121	-9.66	.07501	.001	1
S4	2.5000	2.5239	.024	.956	.16739	.003	1
S5	5.0000	5.0907	.091	1.81	.33768	.005	1

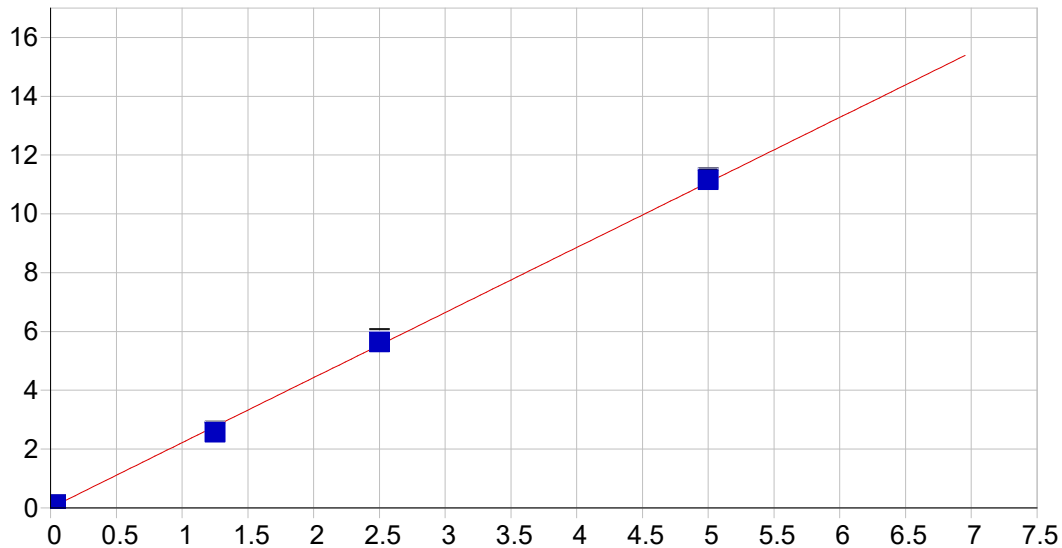


Zn 206.200 {464}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4.855357 Re-Slope: 1.000000
 A1 (Gain): 3104.739290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999470 Status: OK.
 Std Error of Est: 2.446785
 Predicted MDL: 0.000205
 Predicted MQL: 0.000682

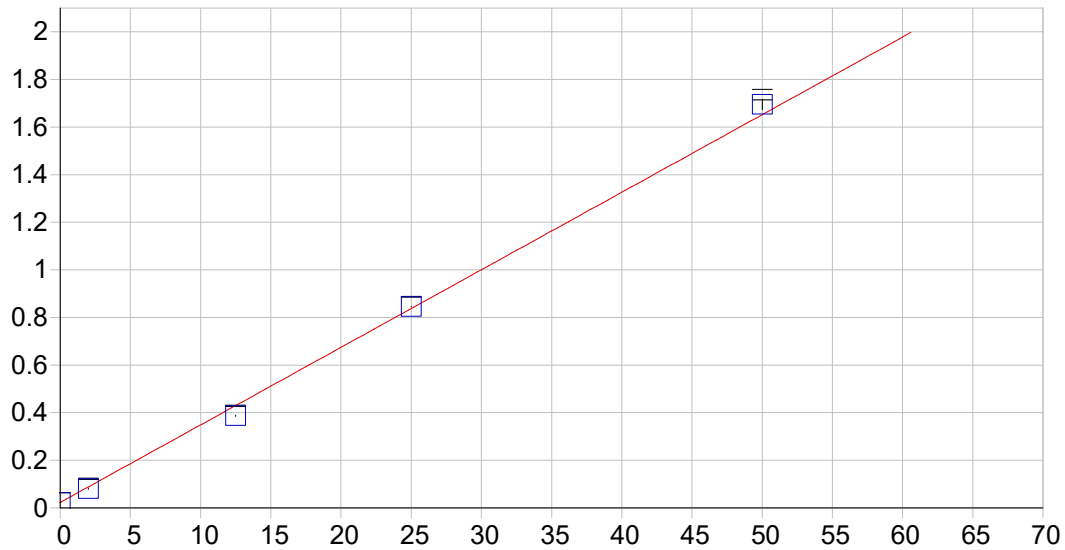
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	4.8128	.405	1
S1	.04000	.05212	.012	30.3	166.66	2.02	1
S3	1.2500	1.3082	.058	4.66	4066.5	12.4	1
S4	2.5000	2.5382	.038	1.53	7885.3	18.6	1
S5	5.0000	4.8915	-.109	-2.17	15192.	10.8	1

**Zn 213.856 {158}**

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005531 Re-Slope: 1.000000
 A1 (Gain): 2.212848 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999516 Status: OK.
 Std Error of Est: 0.001676
 Predicted MDL: 0.000285
 Predicted MQL: 0.000949

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00552	.000	1
S1	.04000	.04634	.006	15.8	.10857	.001	1
S3	1.2500	1.1598	-.090	-7.21	2.5874	.023	1
S4	2.5000	2.5445	.044	1.78	5.6668	.093	1
S5	5.0000	5.0393	.039	.787	11.218	.015	1

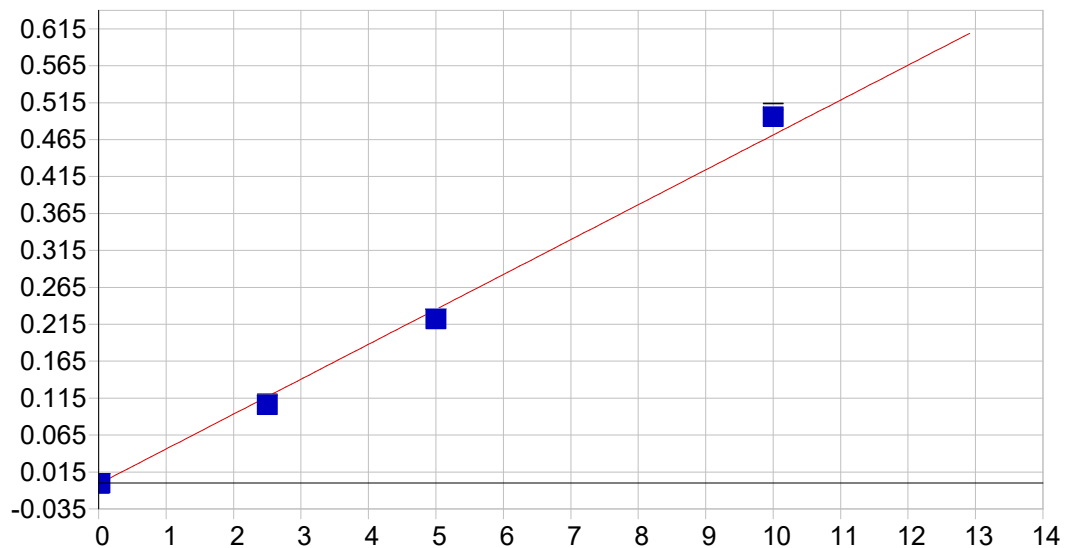


K 769.896 { 44}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023003 Re-Slope: 1.000000
 A1 (Gain): 0.032580 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998844 Status: OK.
 Std Error of Est: 0.000856
 Predicted MDL: 0.055528
 Predicted MQL: 0.185093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.02301	.001	1
S2	2.0000	1.7712	-.229	-11.4	.08071	.002	1
S3	12.500	11.161	-1.34	-10.7	.38662	.003	1
S4	25.000	25.245	.245	.981	.84550	.002	1
S5	50.000	51.323	1.32	2.65	1.6951	.022	1

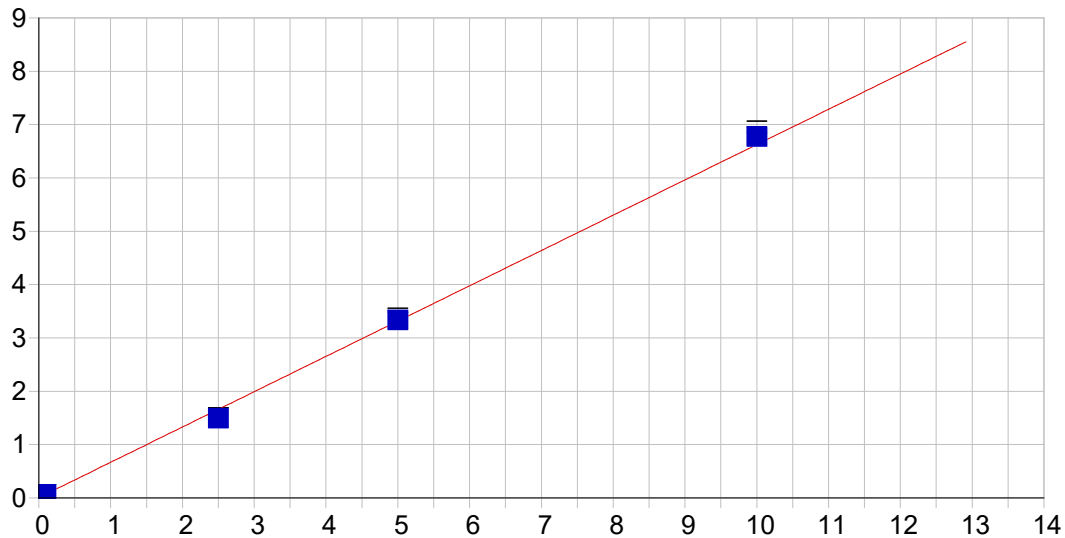


P 177.495 {490}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001128 Re-Slope: 1.000000
A1 (Gain): 0.047241 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998173 Status: OK.
Std Error of Est: 0.000069
Predicted MDL: 0.002073
Predicted MQL: 0.006909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00113	.000	1
S1	.02000	.01790	-.002	-10.5	-.00027	.000	1
S3	2.5000	2.2619	-.238	-9.52	.10600	.001	1
S4	5.0000	4.7253	-.275	-5.49	.22265	.000	1
S5	10.000	10.515	.515	5.15	.49670	.004	1

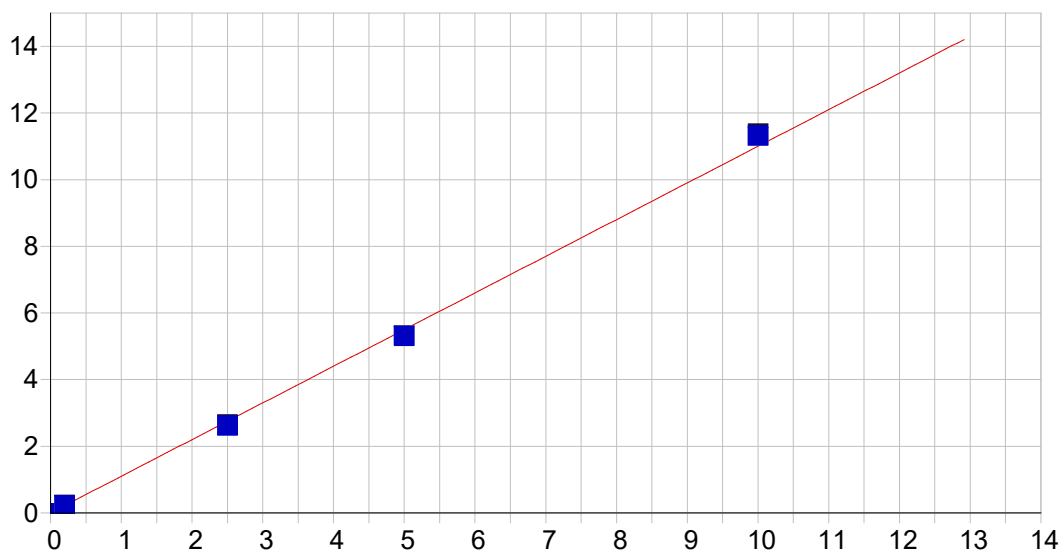


B 249.678 {135}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005823 Re-Slope: 1.000000
A1 (Gain): 0.661881 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999116 Status: OK.
Std Error of Est: 0.001506
Predicted MDL: 0.000800
Predicted MQL: 0.002665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00583	.001	1
S1	.10000	.10203	.002	2.03	.07320	.000	1
S3	2.5000	2.2457	-.254	-10.2	1.4909	.015	1
S4	5.0000	5.0282	.028	.563	3.3312	.040	1
S5	10.000	10.224	.224	2.24	6.7677	.108	1

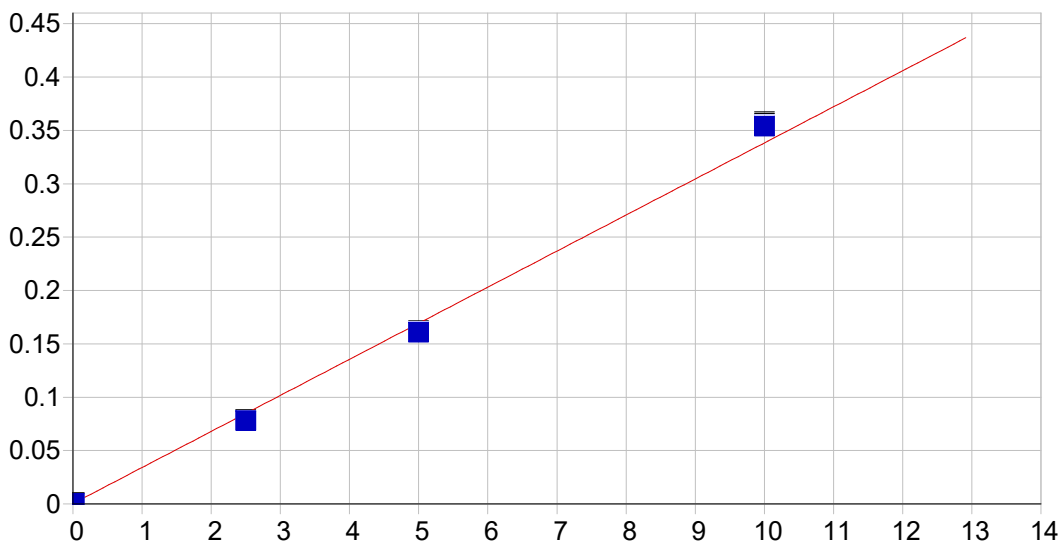


Mo 202.030 {467}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000534 Re-Slope: 1.000000
 A1 (Gain): 1.100125 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999422 Status: OK.
 Std Error of Est: 0.002872
 Predicted MDL: 0.000212
 Predicted MQL: 0.000706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00054	.000	1
S1	.20000	.20449	.004	2.25	.22552	.002	1
S3	2.5000	2.3808	-.119	-4.77	2.6204	.020	1
S4	5.0000	4.8237	-.176	-3.53	5.3084	.006	1
S5	10.000	10.291	.291	2.91	11.324	.046	1

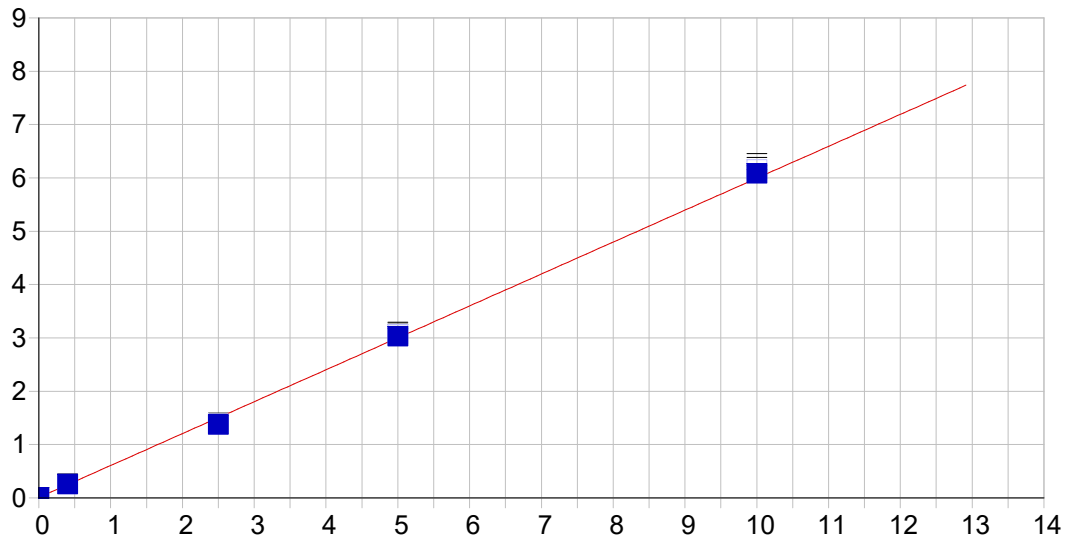


S 182.034 {485}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000318 Re-Slope: 1.000000
A1 (Gain): 0.033799 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998585 Status: OK.
Std Error of Est: 0.000044
Predicted MDL: 0.003231
Predicted MQL: 0.010769

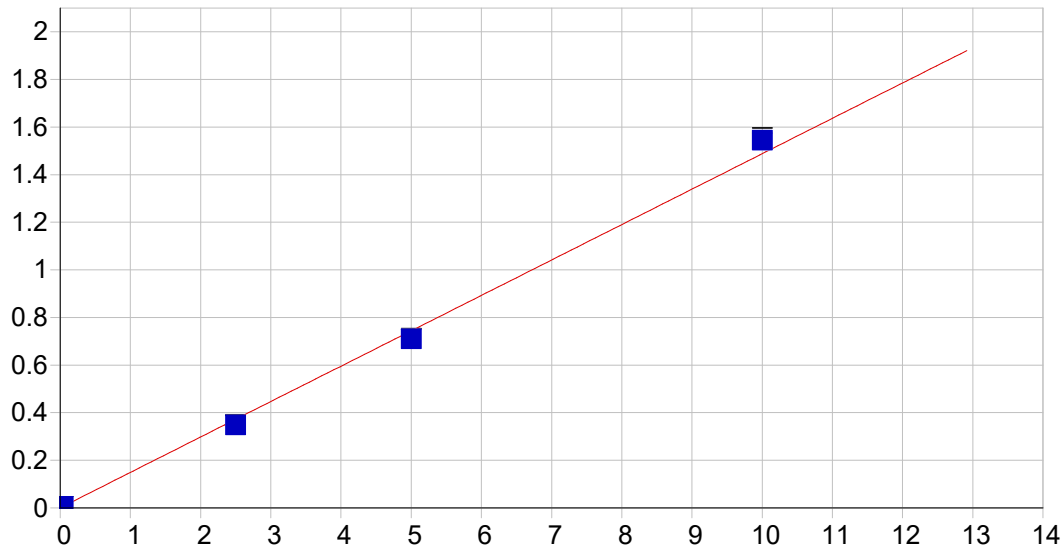
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.02000	.01896	-.001	-5.19	.00094	.000	1
S3	2.5000	2.2978	-.202	-8.09	.07838	.001	1
S4	5.0000	4.7463	-.254	-5.07	.16154	.001	1
S5	10.000	10.457	.457	4.57	.35535	.003	1

**Si 251.611 {134}**

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008465 Re-Slope: 1.000000
A1 (Gain): 0.598548 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999385 Status: OK.
Std Error of Est: 0.002319
Predicted MDL: 0.000906
Predicted MQL: 0.003020

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00847	.001	1
S1	.40000	.41440	.014	3.60	.25765	.002	1
S3	2.5000	2.2812	-.219	-8.75	1.3915	.015	1
S4	5.0000	5.0508	.051	1.02	3.0668	.043	1
S5	10.000	10.154	.154	1.54	6.1564	.113	1

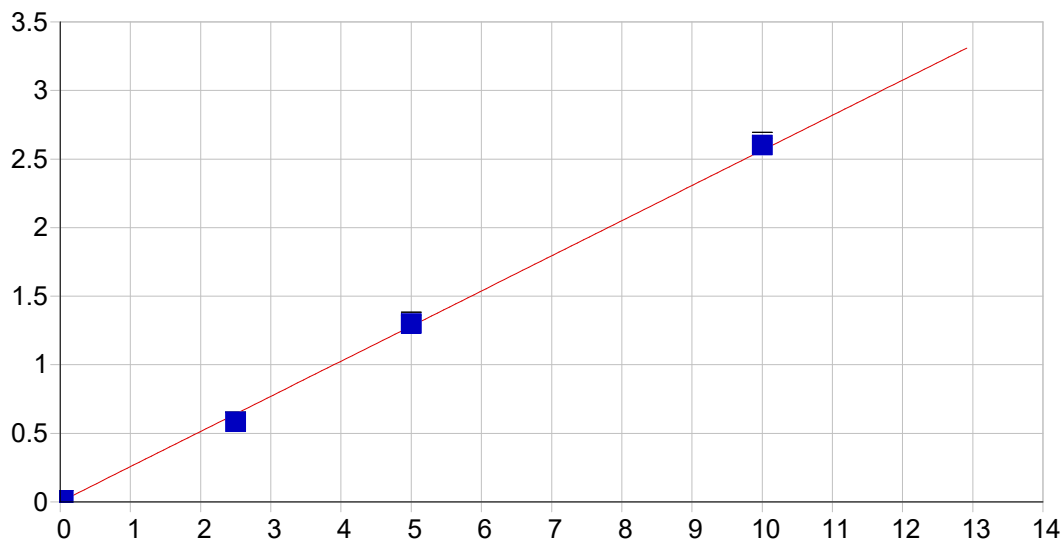


Sn 189.989 {478}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000413 Re-Slope: 1.000000
 A1 (Gain): 0.148748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998976 Status: OK.
 Std Error of Est: 0.000230
 Predicted MDL: 0.000739
 Predicted MQL: 0.002464

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	.04000	.04340	.003	8.51	.00687	.000	1
S3	2.5000	2.3386	-.161	-6.46	.34798	.003	1
S4	5.0000	4.7726	-.227	-4.55	.70974	.002	1
S5	10.000	10.385	.385	3.85	1.5440	.011	1

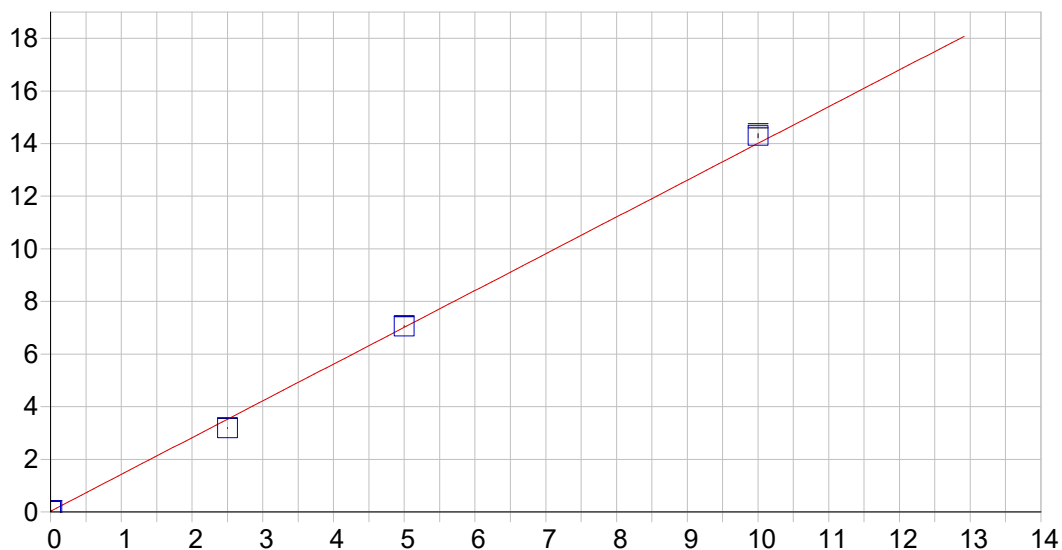


TI 336.121 {100}

Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000931 Re-Slope: 1.000000
 A1 (Gain): 0.256190 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999300 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.001788
 Predicted MQL: 0.005961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00093	.000	1
S1	.04000	.04618	.006	15.5	.01276	.000	1
S3	2.5000	2.2742	-.226	-9.03	.58333	.003	1
S4	5.0000	5.0695	.070	1.39	1.2993	.011	1
S5	10.000	10.150	.150	1.50	2.6004	.021	1

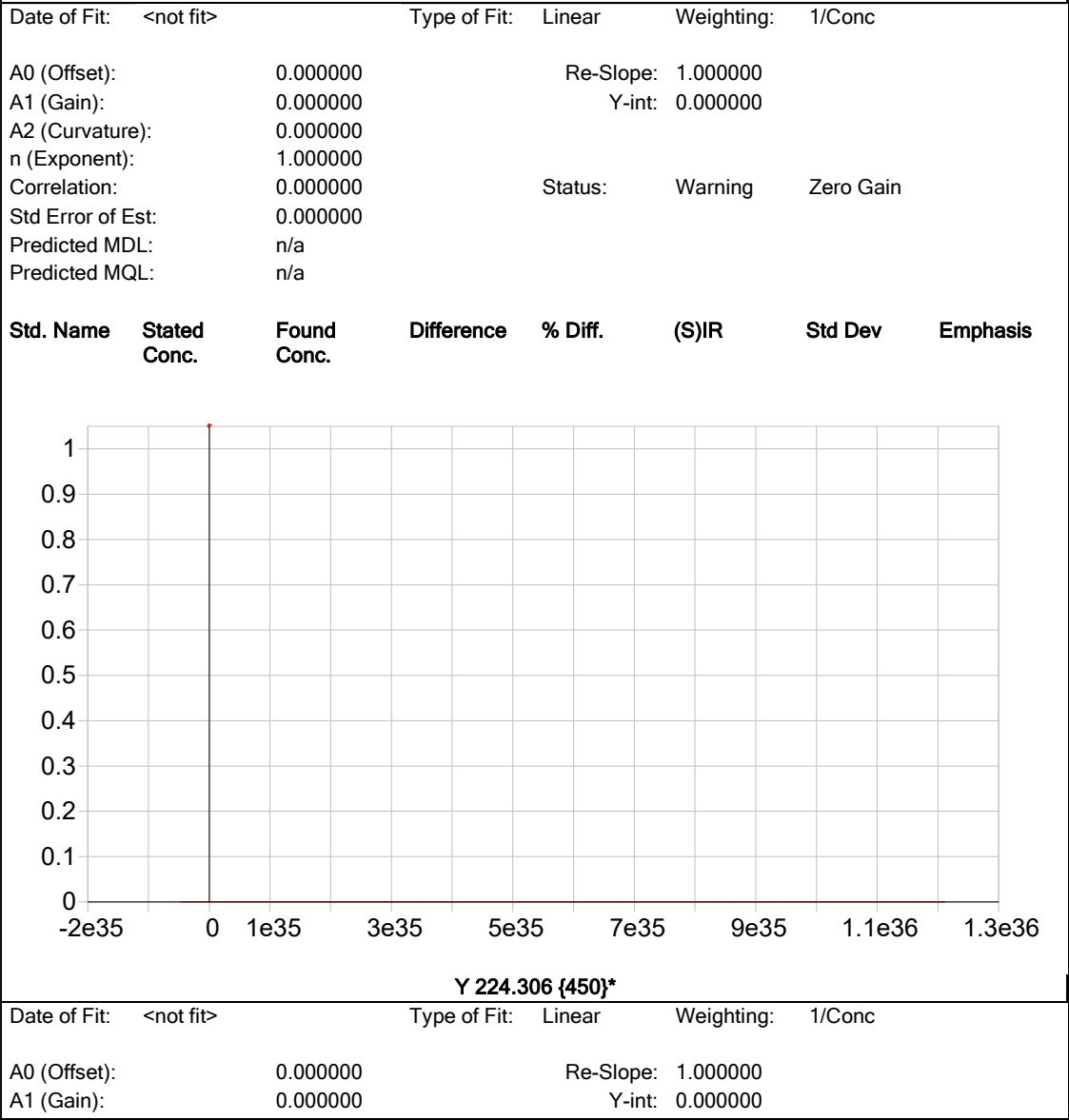
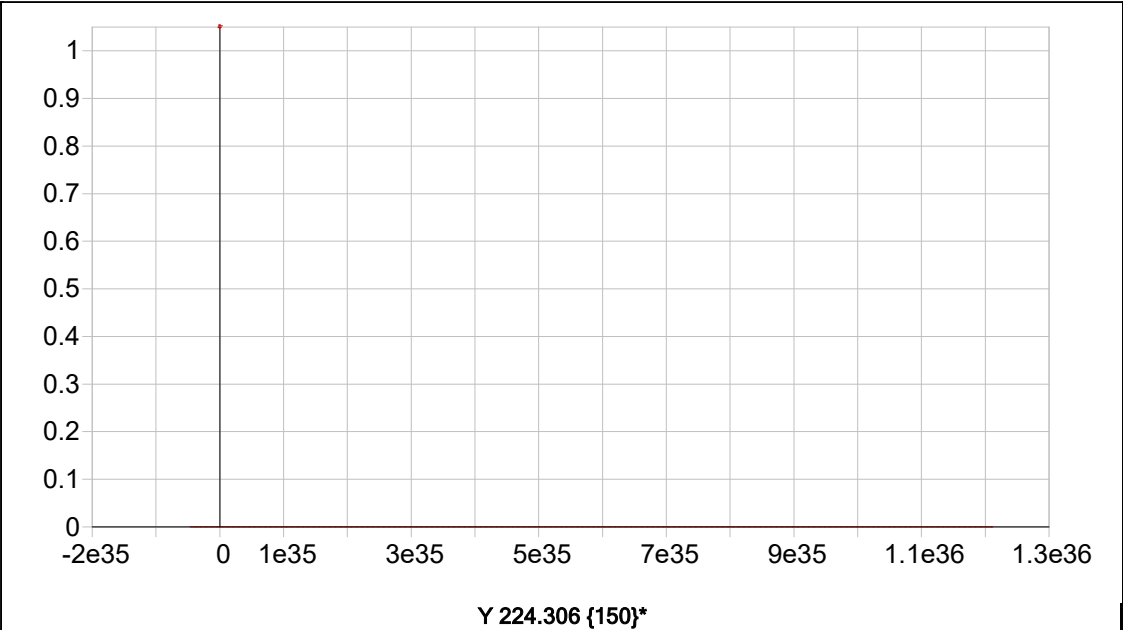


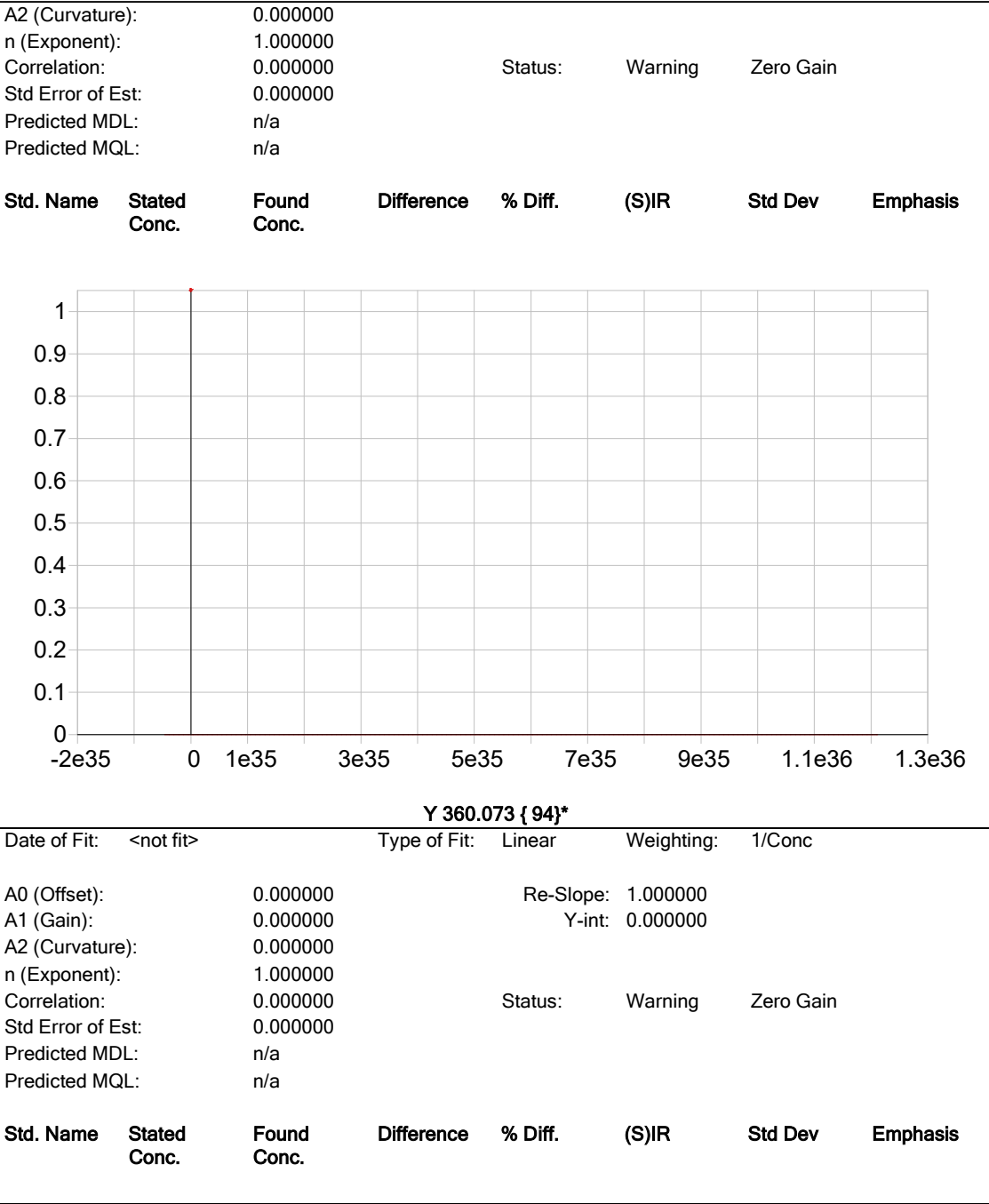
LI 670.784 {50}

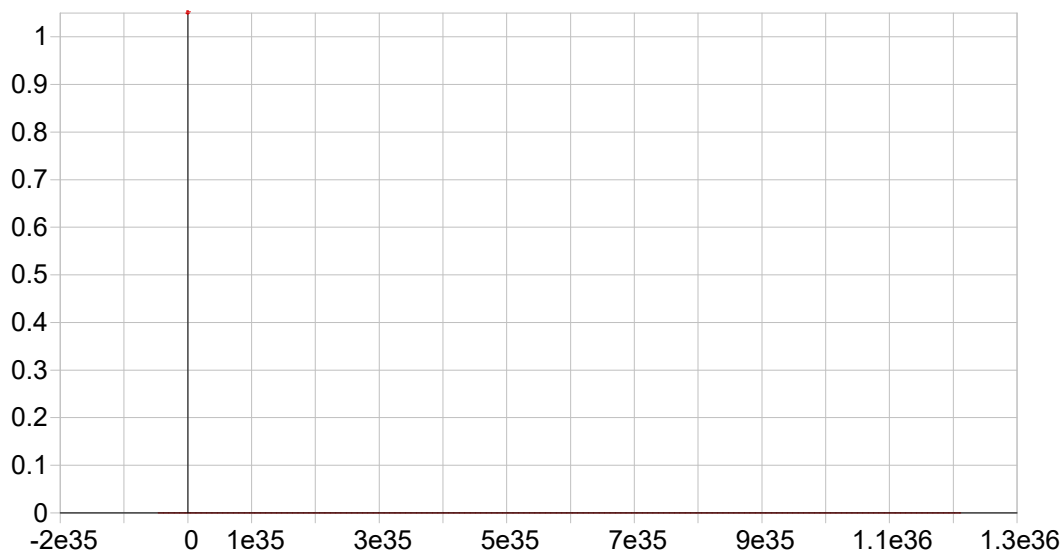
Date of Fit: 01/23/2019 17:01:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028222 Re-Slope: 1.000000
 A1 (Gain): 1.397806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999202 Status: OK.
 Std Error of Est: 0.001350
 Predicted MDL: 0.001470
 Predicted MQL: 0.004900

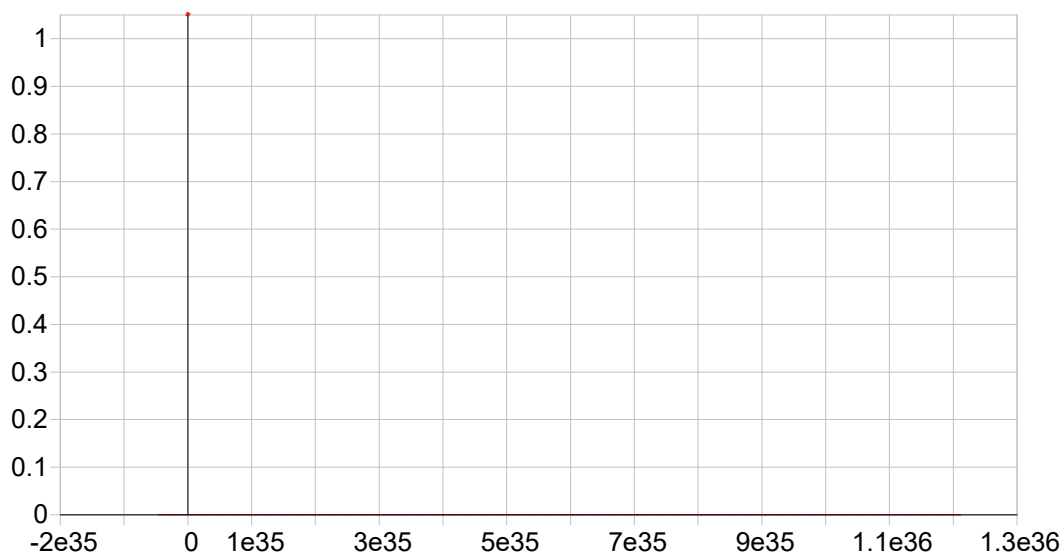
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02822	.001	1
S5	10.000	10.211	.211	2.11	14.302	.077	1
S4	5.0000	5.0306	.031	.611	7.0600	.019	1
S3	2.5000	2.2586	-.241	-9.66	3.1853	.016	1
S1	.02000	.01933	-.001	-3.33	.05525	.001	1

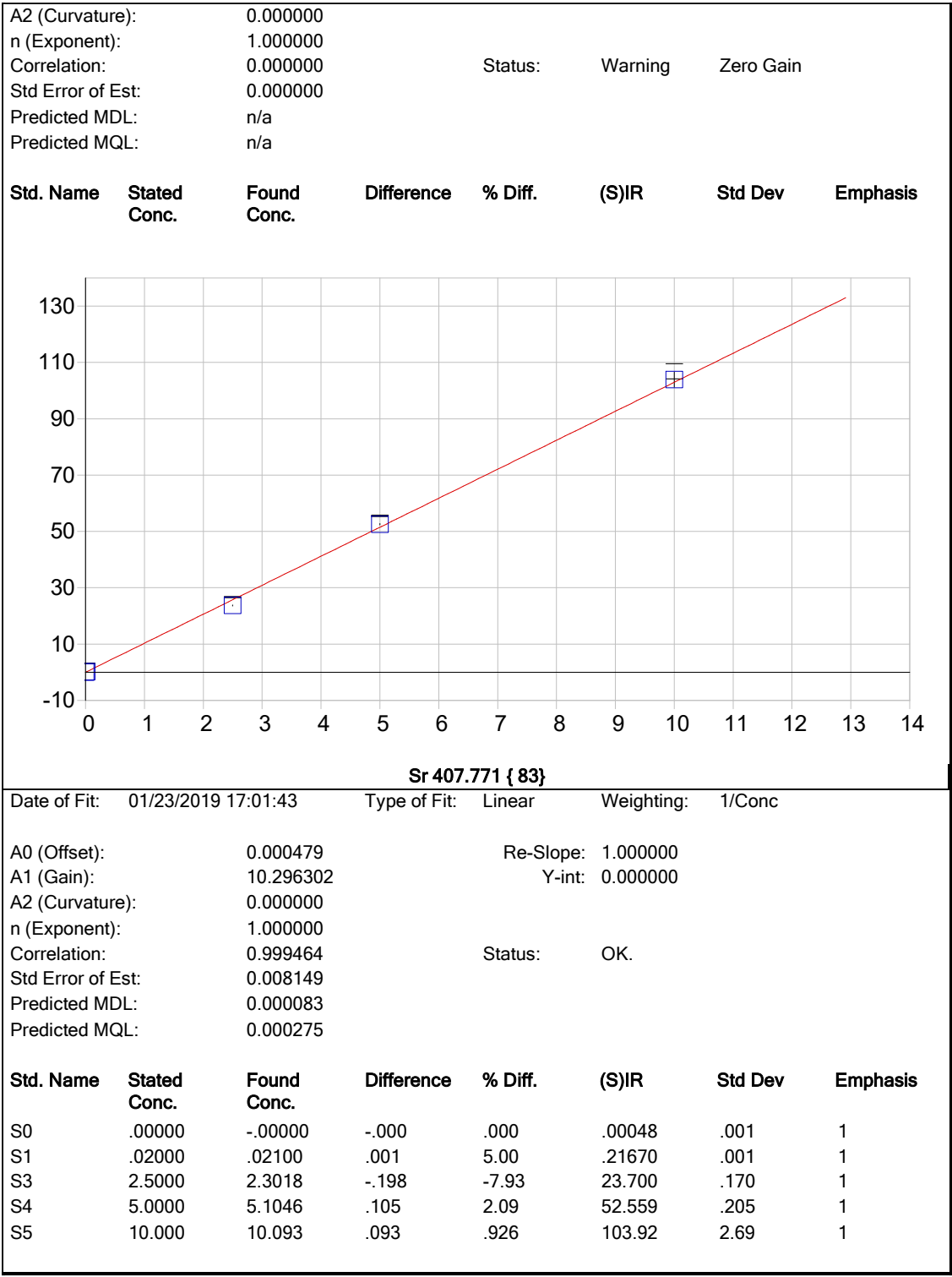






Y 371.030 { 91}*





Sample Name: S0 Acquired: 01/23/2019 11:09:48 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	-.00042	-.00056	-.00032	.00065	.00083	.00242	.00968	-.00287
Stddev	.00009	.00008	.00008	.00018	.00006	.00069	.00277	.00016
%RSD	22.305	14.297	25.338	27.200	7.5481	28.575	28.609	5.4313

#1	-.00031	-.00060	-.00040	.00050	.00076	.00315	.00688	-.00305
#2	-.00048	-.00047	-.00030	.00061	.00088	.00178	.01242	-.00275
#3	-.00048	-.00062	-.00025	.00084	.00085	.00233	.00974	-.00282

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	.00032	.00174	.00002	.00011	.00127	.00003	-.00002	-.00015
Stddev	.00010	.00043	.00004	.00003	.00025	.00013	.00016	.00020
%RSD	30.659	24.642	168.42	22.205	19.616	418.32	882.89	135.07

#1	.00029	.00222	.00007	.00009	.00139	-.00011	.00014	-.00028
#2	.00043	.00139	.00001	.00012	.00098	.00014	-.00001	.00008
#3	.00024	.00161	-.00001	.00013	.00143	.00007	-.00018	-.00025

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	-.00154	-.00096	.00112	-.00011	.00552	.02301	-.00113	.00583
Stddev	.00009	.00003	.00083	.00023	.00041	.00134	.00004	.00081
%RSD	6.1186	2.7585	73.530	209.10	7.4005	5.8438	3.1586	13.915

#1	-.00146	-.00099	.00196	-.00037	.00554	.02368	-.00117	.00603
#2	-.00152	-.00093	.00031	.00004	.00592	.02390	-.00109	.00493
#3	-.00165	-.00096	.00109	.00000	.00510	.02147	-.00112	.00652

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	.00054	.00032	.00847	.00041	.00093	.02822	.00048	
Stddev	.00005	.00005	.00057	.00003	.00026	.00077	.00109	
%RSD	9.7789	14.828	6.7404	7.3403	27.606	2.7105	226.91	

#1	.00059	.00030	.00871	.00041	.00110	.02884	.00005	
#2	.00054	.00037	.00889	.00044	.00063	.02846	.00172	
#3	.00049	.00029	.00782	.00038	.00106	.02737	-.00033	

Sample Name: S0 Acquired: 01/23/2019 11:09:48 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	2620.2	2842.0	55969.	5590.7	4272.8
Stddev	10.5	92.9	244.	38.3	138.5
%RSD	.40163	3.2687	.43622	.68594	3.2419
#1	2619.9	2949.2	55904.	5550.8	4432.8
#2	2630.8	2790.2	56239.	5593.9	4192.6
#3	2609.8	2786.5	55764.	5627.3	4193.1

Sample Name: S1 Acquired: 01/23/2019 11:13:40 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	.00070	.00346	.00205	.00262	.01291	.01248	.46274	.06980
Stddev	.00004	.00008	.00017	.00008	.00031	.00087	.00011	.00079
%RSD	5.4378	2.4519	8.2975	3.1150	2.3836	6.9499	.02324	1.1368
#1	.00074	.00342	.00185	.00271	.01323	.01262	.46276	.07064
#2	.00066	.00356	.00215	.00256	.01262	.01327	.46284	.06971
#3	.00071	.00341	.00214	.00259	.01287	.01155	.46263	.06906
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	.02100	.00204	.02635	.00341	.00169	.00319	.03164	.00132
Stddev	.00039	.00011	.00033	.00034	.00011	.00005	.00040	.00002
%RSD	1.8643	5.5605	1.2576	10.062	6.7444	1.5437	1.2782	1.8497
#1	.02142	.00203	.02657	.00358	.00170	.00315	.03208	.00134
#2	.02065	.00193	.02597	.00301	.00157	.00318	.03128	.00134
#3	.02092	.00215	.02651	.00362	.00179	.00325	.03157	.00130
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	.00302	.10857	-.00027	.07320	.22552	.00094	.25765	.00687
Stddev	.00021	.00125	.00009	.00037	.00170	.00011	.00165	.00013
%RSD	7.0193	1.1550	32.029	.49875	.75523	11.264	.63894	1.9417
#1	.00287	.10804	-.00019	.07314	.22741	.00105	.25812	.00697
#2	.00326	.11000	-.00036	.07359	.22412	.00095	.25902	.00672
#3	.00292	.10767	-.00026	.07286	.22503	.00083	.25583	.00692
Elem	Ti3361	Li6707	Sr4077					
Units	Cts/S	Cts/S	Cts/S					
Avg	.01276	.05525	.21670					
Stddev	.00045	.00103	.00117					
%RSD	3.5309	1.8578	.53883					
#1	.01325	.05511	.21782					
#2	.01238	.05430	.21679					
#3	.01264	.05634	.21549					

Sample Name: S1 Acquired: 01/23/2019 11:13:40 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	2556.8	2881.6	54481.	5436.5	4361.1
Stddev	14.8	5.7	219.	51.3	12.9
%RSD	.57995	.19872	.40140	.94284	.29487
#1	2542.4	2883.5	54241.	5405.3	4352.4
#2	2556.0	2886.1	54531.	5408.5	4375.9
#3	2572.0	2875.1	54670.	5495.6	4355.0

Sample Name: S2 Acquired: 01/23/2019 11:17:31 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	.06588	.00974	.01548	.08071
Stddev	.00129	.00026	.00086	.00226
%RSD	1.9527	2.6663	5.5576	2.7986

#1	.06707	.00967	.01508	.08049
#2	.06451	.01002	.01647	.07856
#3	.06607	.00951	.01490	.08307

Int. Std.	Y_3710
Units	Cts/S
Avg	5579.4
Stddev	68.1
%RSD	1.2197

#1	5510.0
#2	5646.0
#3	5582.1

Sample Name: S3 Acquired: 01/23/2019 11:21:16 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	.11797	.21907	.43018	.25787	.53620	.38079	19.308	1.3206
Stddev	.00124	.00208	.00356	.00243	.00431	.00260	.124	.0126
%RSD	1.0512	.95021	.82643	.94379	.80463	.68230	.64104	.95512

#1	.11686	.21699	.42619	.25507	.53187	.38378	19.442	1.3351
#2	.11773	.21905	.43135	.25950	.53622	.37952	19.281	1.3133
#3	.11931	.22116	.43301	.25904	.54049	.37907	19.199	1.3133

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	3.9171	.38846	.08563	.91527	.06228	.02893	.16917	.05750
Stddev	.0352	.00363	.00061	.00790	.00078	.00031	.00138	.00015
%RSD	.89904	.93507	.71196	.86329	1.2476	1.0877	.81781	.25759

#1	3.8770	.39264	.08564	.90664	.06311	.02907	.17061	.05767
#2	3.9316	.38606	.08502	.91703	.06219	.02857	.16785	.05744
#3	3.9428	.38667	.08624	.92214	.06156	.02915	.16904	.05739

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	.88026	.12572	.09814	.07501	2.5874	.38662	.10600	1.4909
Stddev	.00763	.00119	.00064	.00074	.0234	.00273	.00091	.0148
%RSD	.86728	.94449	.64914	.99092	.90432	.70679	.85874	.99535

#1	.87169	.12596	.09848	.07586	2.5615	.38866	.10501	1.5080
#2	.88275	.12443	.09852	.07468	2.5938	.38769	.10619	1.4815
#3	.88634	.12677	.09740	.07448	2.6070	.38352	.10680	1.4831

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	2.6204	.07838	1.3915	.34798	.58333	3.1853	23.700
Stddev	.0198	.00061	.0145	.00296	.00303	.0161	.170
%RSD	.75692	.78101	1.0428	.84977	.51887	.50523	.71870

#1	2.5983	.07773	1.4078	.34496	.58626	3.2017	23.843
#2	2.6262	.07846	1.3799	.34811	.58021	3.1847	23.746
#3	2.6366	.07895	1.3867	.35087	.58353	3.1695	23.512

Sample Name: S3 Acquired: 01/23/2019 11:21:16 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	2628.8	2739.6	56274.	5595.8	4164.3
Stddev	34.3	15.2	96.	71.1	25.7
%RSD	1.3067	.55600	.17012	1.2703	.61744
#1	2659.9	2756.2	56296.	5537.7	4192.9
#2	2591.9	2736.4	56170.	5574.6	4156.7
#3	2634.5	2726.2	56357.	5675.1	4143.2

Sample Name: S4 Acquired: 01/23/2019 11:24:54 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	.24018	.44742	.87792	.52467	1.0891	.84574	42.916	2.9367
Stddev	.00061	.00053	.00024	.00054	.0011	.00418	.163	.0368
%RSD	.25285	.11850	.02779	.10299	.09841	.49456	.38020	1.2529

#1	.24065	.44753	.87810	.52524	1.0881	.84616	43.104	2.8960
#2	.24038	.44685	.87764	.52416	1.0890	.84136	42.818	2.9468
#3	.23949	.44790	.87802	.52461	1.0902	.84970	42.825	2.9675

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	7.9086	.86401	.18696	1.8635	.13602	.06430	.37557	.12869
Stddev	.0101	.01015	.00135	.0022	.00047	.00101	.00592	.00196
%RSD	.12722	1.1750	.72472	.11994	.34545	1.5781	1.5754	1.5202

#1	7.9192	.86540	.18847	1.8654	.13644	.06524	.37673	.13041
#2	7.8992	.85324	.18655	1.8610	.13611	.06323	.36916	.12656
#3	7.9073	.87340	.18585	1.8640	.13551	.06443	.38082	.12909

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	1.7879	.28138	.22073	.16739	5.6668	.84550	.22265	3.3312
Stddev	.0010	.00175	.00159	.00292	.0930	.00154	.00034	.0403
%RSD	.05539	.62192	.72016	1.7458	1.6412	.18193	.15354	1.2084

#1	1.7883	.28300	.22109	.16969	5.7422	.84531	.22302	3.2893
#2	1.7867	.28160	.21899	.16410	5.6954	.84407	.22236	3.3349
#3	1.7885	.27953	.22211	.16839	5.5629	.84713	.22256	3.3695

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	5.3084	.16154	3.0668	.70974	1.2993	7.0600	52.559	
Stddev	.0063	.00057	.0434	.00227	.0111	.0189	.205	
%RSD	.11909	.35423	1.4144	.31983	.85428	.26743	.39045	

#1	5.3146	.16192	3.0231	.71204	1.3066	7.0817	52.741	
#2	5.3020	.16088	3.0676	.70750	1.2865	7.0475	52.599	
#3	5.3086	.16181	3.1098	.70969	1.3047	7.0508	52.337	

Sample Name: S4 Acquired: 01/23/2019 11:24:54 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	2358.5	2662.1	51142.	5052.8	4009.6
Stddev	55.8	5.0	728.	23.9	8.4
%RSD	2.3649	.18860	1.4244	.47372	.21056
#1	2313.6	2659.0	50472.	5080.2	4001.3
#2	2341.0	2659.4	51037.	5042.7	4009.2
#3	2420.9	2667.9	51917.	5035.6	4018.2

Sample Name: S5 Acquired: 01/23/2019 11:28:25 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	.51332	.96726	1.9079	1.1043	2.3205	1.7064	84.745	5.8493
Stddev	.00260	.00782	.0127	.0052	.0106	.0157	1.623	.0972
%RSD	.50722	.80828	.66427	.47339	.45520	.91878	1.9156	1.6617

#1	.51157	.96265	1.8975	1.0994	2.3134	1.6987	82.975	5.7638
#2	.51208	.96284	1.9041	1.1038	2.3154	1.6961	85.094	5.8291
#3	.51631	.97628	1.9220	1.1098	2.3326	1.7245	86.165	5.9550

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	16.948	1.7340	.37452	4.0705	.26954	.12783	.75513	.26088
Stddev	.089	.0311	.00113	.0269	.00099	.00222	.01343	.00296
%RSD	.52241	1.7934	.30230	.66028	.36910	1.7363	1.7781	1.1338

#1	16.872	1.7141	.37401	4.0480	.26868	.12726	.74964	.25797
#2	16.927	1.7180	.37374	4.0632	.26931	.12594	.74532	.26079
#3	17.045	1.7698	.37582	4.1003	.27063	.13027	.77043	.26388

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	3.8858	.58017	.44243	.33768	11.218	1.6951	.49670	6.7677
Stddev	.0262	.00173	.00541	.00490	.015	.0223	.00437	.1078
%RSD	.67422	.29742	1.2221	1.4518	.13446	1.3158	.87915	1.5929

#1	3.8660	.57821	.43989	.33685	11.207	1.6747	.49402	6.6721
#2	3.8759	.58084	.43876	.33325	11.213	1.6918	.49433	6.7463
#3	3.9155	.58146	.44864	.34295	11.235	1.7189	.50173	6.8845

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	11.324	.35535	6.1564	1.5440	2.6004	14.302	103.92	
Stddev	.046	.00276	.1132	.0107	.0213	.077	2.69	
%RSD	.40779	.77632	1.8386	.69469	.81968	.54151	2.5912	

#1	11.281	.35305	6.0631	1.5367	2.5991	14.279	101.06	
#2	11.319	.35458	6.1239	1.5391	2.5798	14.239	104.28	
#3	11.373	.35840	6.2824	1.5564	2.6223	14.388	106.41	

Sample Name: S5 Acquired: 01/23/2019 11:28:25 Type: Cal
Method: NON EPA-6010-200.7(v54) 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	2299.5	2443.0	50428.	5011.3	3588.9
Stddev	11.2	10.5	232.	74.3	22.7
%RSD	.48747	.43058	.46028	1.4824	.63276
#1	2305.0	2453.1	50623.	5085.4	3608.2
#2	2286.7	2443.8	50171.	5011.8	3594.7
#3	2307.0	2432.1	50490.	4936.8	3563.9

Sample Name: ICV01 Acquired: 01/23/2019 11:42:49 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	1.071434	1.092840	1.043996	1.052700	1.049280	2.579452
Stddev	.018810	.015105	.016979	.012976	.018731	.037480
%RSD	1.755620	1.382199	1.626315	1.232643	1.785150	1.453032
#1	1.053011	1.076592	1.026406	1.040441	1.033794	2.548881
#2	1.070681	1.095471	1.045292	1.051370	1.043947	2.621267
#3	1.090609	1.106457	1.060289	1.066290	1.070100	2.568207
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5084274	.4869277	.5211171	10.32615	.5068677	.5354202
Stddev	.0045958	.0044896	.0074888	.15377	.0088704	.0077467
%RSD	.9039217	.9220151	1.437074	1.489130	1.750037	1.446848
#1	.5104513	.4867123	.5132956	10.20504	.4994005	.5275126
#2	.5116638	.4915212	.5218342	10.49915	.5045297	.5357528
#3	.5031670	.4825498	.5282217	10.27427	.5166728	.5429953
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5111980	5.288062	.5181724	6.042809	.5420416	.4674741
Stddev	.0054269	.020096	.0035121	.082034	.0090714	.0037519
%RSD	1.061606	.3800274	.6777948	1.357556	1.673552	.8025895
#1	.5156888	5.281549	.5157098	5.957088	.5324908	.4652225
#2	.5127375	5.272031	.5221942	6.120578	.5430920	.4653945
#3	.5051676	5.310607	.5166132	6.050762	.5505420	.4718053
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.972296	.4852474	1.043637	10.03423	2.569992	2.613889
Stddev	.367987	.0026881	.021344	.16014	.038951	.031322
%RSD	3.690092	.5539696	2.045132	1.595946	1.515622	1.198294
#1	9.986451	.4828049	1.027210	10.10178	2.532313	2.620912
#2	10.33300	.4881274	1.035939	10.14953	2.567562	2.641104
#3	9.59744	.4848098	1.067762	9.85138	2.610102	2.579652

Sample Name: ICV01 Acquired: 01/23/2019 11:42:49 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	F 2.852850	2.448709	2.520497	2.744440	2.711097	W 2.408980
Stddev	.046778	.036667	.021000	.040798	.022273	.019428
%RSD	1.639684	1.497411	.8331880	1.486552	.8215461	.8064948
#1	2.803562	2.409151	2.519210	2.700651	2.697846	2.405462
#2	2.858360	2.455416	2.542111	2.751290	2.736811	2.429927
#3	2.896629	2.481560	2.500170	2.781379	2.698633	2.391551

Elem	Sr4077
Units	ppm
Avg	2.257918
Stddev	.016915
%RSD	.7491323
#1	2.274976
#2	2.257627
#3	2.241151

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.442	2418.954	51700.57	5190.791	3727.504
Stddev	47.341	30.657	745.97	40.527	42.956
%RSD	1.998823	1.267358	1.442869	.7807424	1.152413
#1	2400.514	2451.740	52290.75	5194.946	3772.153
#2	2390.743	2414.121	51948.83	5148.346	3723.889
#3	2314.069	2391.000	50862.12	5229.079	3686.469

Sample Name: LLICV01 Acquired: 01/23/2019 11:56:11 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0191855	.0376623	.0112287	.0180101	.0491528	.1132341	.0909221
Stddev	.0007907	.0031912	.0017773	.0023537	.0001299	.0036402	.0008238
%RSD	4.121428	8.473149	15.82770	13.06886	.2641666	3.214782	.9060423

#1	.0183682	.0393711	.0092330	.0174903	.0490052	.1129591	.0904751
#2	.0199466	.0339806	.0118124	.0205802	.0492496	.1170040	.0918727
#3	.0192418	.0396352	.0126408	.0159597	.0492035	.1097391	.0904184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053635	.0053436	1.883960	.0088484	.0302283	.0230945	.0874946
Stddev	.0000208	.0000112	.018086	.0003539	.0001057	.0015421	.0087650
%RSD	.3871395	.2092480	.9600131	3.999620	.3497505	6.677287	10.01775

#1	.0053688	.0053310	1.863292	.0084441	.0301208	.0228717	.0798040
#2	.0053406	.0053522	1.891695	.0091023	.0302320	.0247359	.0970378
#3	.0053811	.0053477	1.896892	.0089987	.0303321	.0216759	.0856420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198004	1.918546	.0397703	.0093225	1.807126	.0372582	.0403362
Stddev	.0011434	.050697	.0004009	.0002152	.191464	.0051381	.0006651
%RSD	5.774654	2.642492	1.008098	2.308421	10.59496	13.79053	1.648986

#1	.0187533	1.861121	.0394533	.0094530	1.589730	.0431249	.0399845
#2	.0196273	1.957109	.0396367	.0094403	1.950649	.0335589	.0399206
#3	.0210204	1.937408	.0402210	.0090741	1.880999	.0350908	.0411033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.693243	.0153183	.0881450	.1893556	.0112050	.3543054	.0393780
Stddev	.080886	.0026450	.0004217	.0006914	.0018225	.0022031	.0000702
%RSD	4.777005	17.26684	.4784579	.3651532	16.26468	.6218085	.1782427

#1	1.608708	.0148981	.0881019	.1898700	.0120506	.3517627	.0393304
#2	1.701117	.0181482	.0885866	.1885696	.0124511	.3555080	.0394586
#3	1.769905	.0129085	.0877465	.1896271	.0091134	.3556455	.0393450

Sample Name: LLICV01 Acquired: 01/23/2019 11:56:11 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0408331	.0144564	.0177384
Stddev	.0001533	.0019536	.0001427
%RSD	.3753376	13.51371	.8044813

#1	.0409613	.0122722	.0175769
#2	.0406633	.0150600	.0178474
#3	.0408746	.0160370	.0177910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.825	2399.793	48803.75	4892.977	3738.068
Stddev	15.594	8.354	125.63	20.697	12.910
%RSD	.7034571	.3480933	.2574158	.4229858	.3453684

#1	2201.656	2404.578	48659.60	4882.320	3750.447
#2	2216.004	2404.654	48861.80	4879.780	3739.071
#3	2232.813	2390.148	48889.87	4916.830	3724.685

Sample Name: ICB01 Acquired: 01/23/2019 12:00:03 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0001513	-.002290	.0006582	-.000199	-.000408	.0135572	-.002459
Stddev	.0030367	.000622	.0006123	.000569	.001188	.0083991	.000289
%RSD	2006.779	27.14474	93.02655	286.4315	291.3083	61.95335	11.73392

#1	-.002743	-.001634	.0013546	-.000397	.000880	.0232485	-.002792
#2	-.000116	-.002364	.0004154	-.000642	-.001461	.0090327	-.002277
#3	.003313	-.002871	.0002045	.000443	-.000643	.0083903	-.002308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	.0000127	.0177908	-.000095	.0000767	.0038557	.0072180
Stddev	.000026	.0000727	.0050188	.000602	.0001844	.0027395	.0068248
%RSD	63.44475	572.4416	28.21027	632.0568	240.5771	71.05091	94.55258

#1	-.000014	.0000738	.0233707	.000380	-.000136	.0070189	.0136989
#2	-.000042	.0000321	.0136455	.000107	.000198	.0022798	.0078604
#3	-.000065	-.000068	.0163563	-.000772	.000167	.0022682	.0000947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010197	.0207704	-.000360	.0000703	-.206500	-.000607	.0113858
Stddev	.0013028	.0224859	.000256	.0001888	.237882	.002167	.0000539
%RSD	127.7593	108.2596	70.96399	268.7788	115.1973	357.2113	.4733986

#1	-.000482	.0465916	-.000625	-.000132	.059248	-.003093	.0113913
#2	.001700	.0055009	-.000340	.000242	-.399553	.000402	.0113293
#3	.001842	.0102186	-.000115	.000100	-.279194	.000872	.0114367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.056773	-.000376	-.002649	-.000061	-.003140	.0022213	-.000322
Stddev	.040611	.002090	.000900	.000090	.001217	.0006411	.000067
%RSD	71.53130	555.7865	33.98830	147.2408	38.74433	28.86014	20.87305

#1	-.078885	.000956	-.002080	-.000047	-.004259	.0021405	-.000353
#2	-.081529	.000701	-.003687	-.000158	-.001845	.0016244	-.000245
#3	-.009905	-.002785	-.002181	.000021	-.003315	.0028989	-.000368

Sample Name: ICB01 Acquired: 01/23/2019 12:00:03 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0030784	-.004813	.0000722
Stddev	.0011987	.002972	.0000794
%RSD	38.93725	61.74842	110.0420

#1	.0044292	-.005538	-.000004
#2	.0026644	-.007357	.000066
#3	.0021416	-.001546	.000154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.452	2375.976	47992.64	4791.907	3673.755
Stddev	23.024	3.372	322.86	37.679	5.567
%RSD	1.046827	.1419137	.6727182	.7863044	.1515417

#1	2225.730	2373.416	48357.38	4826.840	3676.728
#2	2182.815	2374.714	47743.48	4796.900	3667.333
#3	2189.811	2379.796	47877.07	4751.980	3677.205

Sample Name: CRI01 Acquired: 01/23/2019 12:03:56 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0177661	.0367515	.0102919	.0176132	.0496120	.1123266	.0920549
Stddev	.0009519	.0005225	.0002883	.0045178	.0003828	.0099411	.0008717
%RSD	5.358140	1.421691	2.801545	25.65031	.7716268	8.850191	.9469421

#1	.0168592	.0373098	.0106216	.0189968	.0491940	.1076416	.0928891
#2	.0176815	.0366706	.0101673	.0125653	.0496965	.1055935	.0911500
#3	.0187574	.0362742	.0100868	.0212774	.0499455	.1237445	.0921255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054226	.0053599	1.927373	.0090897	.0298508	.0211051	.1026524
Stddev	.0000708	.0000011	.012182	.0005292	.0004011	.0008561	.0115280
%RSD	1.306339	.0199252	.6320290	5.822036	1.343606	4.056488	11.23017

#1	.0054980	.0053604	1.937639	.0091569	.0298098	.0213245	.0894473
#2	.0053574	.0053606	1.913912	.0095820	.0294718	.0218302	.1078009
#3	.0054125	.0053586	1.930568	.0085301	.0302708	.0201606	.1107091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206263	1.940790	.0394097	.0093305	1.458412	.0406780	.0399385
Stddev	.0008723	.038289	.0003355	.0002096	.007967	.0010409	.0006405
%RSD	4.228853	1.972863	.8512726	2.246213	.5462510	2.558984	1.603734

#1	.0196254	1.983185	.0396428	.0094130	1.460664	.0398134	.0395356
#2	.0210295	1.908728	.0390252	.0094863	1.465010	.0418334	.0396029
#3	.0212240	1.930457	.0395610	.0090922	1.449562	.0403871	.0406771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.787038	.0156454	.0901397	.1864670	.0138990	.3610991	.0355164
Stddev	.076443	.0018947	.0011077	.0008302	.0033588	.0041740	.0009643
%RSD	4.277615	12.11049	1.228863	.4452389	24.16565	1.155923	2.715218

#1	1.701461	.0170735	.0908171	.1867900	.0123785	.3657593	.0365587
#2	1.811097	.0134959	.0888614	.1855238	.0115694	.3577038	.0346559
#3	1.848557	.0163667	.0907407	.1870872	.0177492	.3598343	.0353346

Sample Name: CRI01 Acquired: 01/23/2019 12:03:56 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0405770	.0133929	.0178621
Stddev	.0011775	.0004095	.0001735
%RSD	2.901906	3.057857	.9716175

#1	.0397076	.0130823	.0179737
#2	.0419170	.0138570	.0176622
#3	.0401063	.0132394	.0179505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.628	2439.686	48868.55	4868.073	3814.651
Stddev	9.005	5.548	208.07	45.946	6.775
%RSD	.4028065	.2273922	.4257705	.9438287	.1776025

#1	2228.929	2433.441	49106.13	4829.680	3807.767
#2	2245.865	2444.045	48718.79	4918.980	3821.311
#3	2232.089	2441.570	48780.73	4855.560	3814.876

Sample Name: ICSA01 Acquired: 01/23/2019 12:07:50 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000600	-.009897	-.011592	-.006129	.0018102	243.7155
Stddev	.002248	.001708	.002598	.003996	.0006489	4.3031
%RSD	374.4691	17.25616	22.41293	65.20433	35.84522	1.765632

#1	.000946	-.009543	-.008625	-.005384	.0018597	248.6262
#2	-.003179	-.011754	-.013458	-.010446	.0024330	240.6041
#3	.000433	-.008394	-.012694	-.002558	.0011380	241.9161

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024193	.0007873	.0011362	234.6968	.0494005	.0022265
Stddev	.0003609	.0000549	.0000149	3.6564	.0045177	.0000555
%RSD	14.91582	6.970656	1.313927	1.557940	9.145007	2.493041

#1	.0020066	.0007326	.0011416	238.8645	.0448507	.0022892
#2	.0026751	.0007869	.0011193	232.0282	.0494654	.0022063
#3	.0025763	.0008424	.0011477	233.1975	.0538854	.0021839

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140940	93.92025	.0123437	247.2519	.0013041	-.007678
Stddev	.0018501	1.59419	.0004231	4.2661	.0001642	.001048
%RSD	13.12665	1.697389	3.427659	1.725386	12.59461	13.65436

#1	.0133592	95.76071	.0125973	252.0886	.0012532	-.006604
#2	.0127243	93.03139	.0125785	244.0248	.0014877	-.007732
#3	.0161986	92.96866	.0118552	245.6423	.0011713	-.008698

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075330	.0014617	.0069859	-.280854	-.007767	-.031420
Stddev	.320217	.0039395	.0013067	.043421	.000950	.001757
%RSD	425.0841	269.5217	18.70496	15.46046	12.22852	5.590891

#1	-.415875	.0058013	.0055787	-.274081	-.006962	-.030296
#2	.219687	.0004733	.0072180	-.241217	-.008814	-.030520
#3	-.029803	-.001890	.0081610	-.327264	-.007525	-.033444

Sample Name: ICSA01 Acquired: 01/23/2019 12:07:50 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0008878	.0038098	-.002673	-.001875	-.001920	W .0012408
Stddev	.0004152	.0032554	.000672	.001585	.000731	.0006639
%RSD	46.77095	85.44792	25.13771	84.54153	38.06643	53.50565

#1	.0007737	.0028032	-.003442	-.002764	-.002746	.0016568
#2	.0005415	.0074497	-.002378	-.000045	-.001355	.0015905
#3	.0013481	.0011767	-.002199	-.002815	-.001659	.0004752

Elem	Sr4077
Units	ppm
Avg	F .0898063
Stddev	.0018154
%RSD	2.021474

#1	.0917859
#2	.0882193
#3	.0894136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.840	2218.446	49865.23	5694.434	3234.944
Stddev	145.658	2.555	3013.62	65.311	2.638
%RSD	6.573473	.1151591	6.043521	1.146934	.0815402

#1	2372.353	2216.167	53092.11	5627.695	3234.928
#2	2190.912	2217.963	49379.75	5758.217	3232.314
#3	2084.255	2221.208	47123.83	5697.390	3237.590

Sample Name: ICSAB01 Acquired: 01/23/2019 12:11:40 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.1082640	.1147798	.0444185	.0525168	.6776499	258.4287
Stddev	.0087401	.0041285	.0019468	.0004308	.0336307	2.2604
%RSD	8.072934	3.596857	4.382864	.8203316	4.962837	.8746874

#1	.0981865	.1100755	.0422038	.0529015	.6397021	259.9733
#2	.1137742	.1164638	.0458595	.0520514	.6894823	259.4785
#3	.1128313	.1178001	.0451922	.0525976	.7037651	255.8343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5397258	.5097949	1.064211	248.9404	.5399591	.5610391
Stddev	.0061213	.0044126	.051447	2.0687	.0002369	.0290139
%RSD	1.134140	.8655693	4.834254	.8309846	.0438755	5.171460

#1	.5465242	.5095941	1.005190	248.7464	.5397776	.5277505
#2	.5380018	.5143045	1.087875	251.0993	.5402271	.5744111
#3	.5346515	.5054861	1.099568	246.9757	.5398727	.5809558

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5399055	99.08527	.5490058	259.9201	1.115291	.2013564
Stddev	.0028109	.51451	.0060435	1.1321	.055055	.0004759
%RSD	.5206339	.5192594	1.100813	.4355584	4.936400	.2363690

#1	.5400365	99.02818	.5441531	259.8449	1.052169	.2014685
#2	.5426486	99.62594	.5557753	261.0880	1.140314	.2017663
#3	.5370313	98.60168	.5470891	258.8276	1.153391	.2008345

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043274	.5251453	1.058587	-.252182	F 1.338756	1.110545
Stddev	.092895	.0025005	.001148	.008035	.059442	.007579
%RSD	214.6652	.4761596	.1084160	3.186123	4.440075	.6824332

#1	-.138803	.5261628	1.057930	-.242909	1.270181	1.112549
#2	-.037764	.5269767	1.057919	-.256579	1.370497	1.116920
#3	.046743	.5222964	1.059912	-.257059	1.375589	1.102165

Sample Name: ICSAB01 Acquired: 01/23/2019 12:11:40 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	F 1.202137	F 1.260306	1.072137	1.180589	1.146282	F 1.209202
Stddev	.060139	.065191	.011554	.058132	.008184	.016683
%RSD	5.002699	5.172622	1.077662	4.923961	.7139512	1.379682

#1	1.133332	1.185243	1.071231	1.114004	1.152039	1.224021
#2	1.228412	1.292942	1.084118	1.206525	1.149894	1.212451
#3	1.244669	1.302733	1.061063	1.221239	1.136914	1.191133

Elem	Sr4077
Units	ppm
Avg	1.157019
Stddev	.010584
%RSD	.9147537

#1	1.168264
#2	1.155542
#3	1.147251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.027	2261.569	51463.16	5081.703	3311.620
Stddev	4.671	94.185	29.11	38.203	139.264
%RSD	.2039606	4.164572	.0565722	.7517838	4.205327

#1	2290.419	2369.633	51430.81	5073.939	3472.055
#2	2285.173	2218.137	51471.41	5047.978	3240.890
#3	2294.489	2196.937	51487.26	5123.192	3221.915

Sample Name: CCV01 Acquired: 01/23/2019 12:43:48 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.341472	5.322520	5.158092	5.235358	5.452605	10.65018
Stddev	.027837	.030740	.019292	.023081	.024258	.04258
%RSD	.5211405	.5775481	.3740132	.4408608	.4448885	.3997992

#1	5.373452	5.357530	5.178658	5.259512	5.478312	10.64182
#2	5.328280	5.299948	5.155222	5.233035	5.449388	10.61241
#3	5.322684	5.310081	5.140395	5.213526	5.430117	10.69633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90437	.2524177	2.469740	27.03632	1.020082	2.603480
Stddev	.02844	.0012770	.007853	.17981	.005162	.009677
%RSD	.2607899	.5058907	.3179727	.6650694	.5060785	.3717076

#1	10.88535	.2510884	2.477239	27.06234	1.022821	2.613612
#2	10.93706	.2525298	2.470407	26.84492	1.014127	2.602497
#3	10.89070	.2536349	2.461575	27.20170	1.023296	2.594332

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.299128	5.307267	2.697676	26.51165	2.573508	1.298415
Stddev	.005881	.032973	.018144	.21625	.011114	.005226
%RSD	.4526935	.6212716	.6725843	.8156683	.4318797	.4024987

#1	1.294618	5.304521	2.702696	26.47295	2.585339	1.292906
#2	1.296986	5.275754	2.677550	26.31737	2.571900	1.299036
#3	1.305780	5.341527	2.712782	26.74464	2.563285	1.303303

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.49778	2.675091	2.680291	27.05465	F 5.703988	5.116261
Stddev	.20601	.016523	.010536	.20843	.028410	.039822
%RSD	.7774620	.6176480	.3931054	.7703896	.4980722	.7783509

#1	26.26102	2.684696	2.670000	26.82558	5.734160	5.073490
#2	26.63612	2.656013	2.691056	27.10525	5.700053	5.123026
#3	26.59621	2.684566	2.679816	27.23311	5.677750	5.152268

Sample Name: CCV01 Acquired: 01/23/2019 12:43:48 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.312702	5.040478	5.040231	5.116874	5.350129	5.274809
Stddev	.019953	.032175	.044781	.013682	.016547	.005966
%RSD	.3755681	.6383355	.8884638	.2673953	.3092870	.1131083

#1	5.332002	5.070733	4.990871	5.131751	5.365135	5.273335
#2	5.313948	5.044024	5.051568	5.114041	5.332383	5.281374
#3	5.292155	5.006677	5.078253	5.104830	5.352869	5.269718

Elem	Sr4077
Units	ppm
Avg	5.158798
Stddev	.014475
%RSD	.2805888

#1	5.146216
#2	5.174618
#3	5.155561

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.642	2298.247	47956.76	4823.065	3528.469
Stddev	5.237	14.514	254.68	29.331	21.263
%RSD	.2469393	.6315330	.5310538	.6081368	.6026140

#1	2126.372	2283.497	48007.78	4850.060	3506.203
#2	2116.104	2298.729	48182.07	4827.280	3530.643
#3	2119.451	2312.514	47680.44	4791.854	3548.562

Sample Name: LLCCV01 Acquired: 01/23/2019 12:47:20 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0188259	.0413201	.0118154	.0202012	.0528368	.1008731	.0999783
Stddev	.0015782	.0013241	.0001732	.0017507	.0011303	.0039301	.0000820
%RSD	8.383037	3.204584	1.465832	8.666260	2.139186	3.896113	.0820612

#1	.0175644	.0408032	.0117113	.0222092	.0540748	.1051448	.1000730
#2	.0183177	.0403323	.0117196	.0189944	.0518600	.1000643	.0999327
#3	.0205955	.0428247	.0120154	.0194001	.0525757	.0974104	.0999291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055376	.0056864	1.935511	.0094015	.0318002	.0225817	.1158934
Stddev	.0000840	.0000690	.023754	.0002849	.0002018	.0019979	.0197005
%RSD	1.517891	1.213826	1.227279	3.030587	.6345865	8.847534	16.99878

#1	.0054662	.0057630	1.941471	.0096943	.0320308	.0207653	.1077225
#2	.0055163	.0056670	1.909345	.0093848	.0316556	.0247217	.1015931
#3	.0056302	.0056292	1.955718	.0091252	.0317142	.0222581	.1383646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214133	1.973456	.0417903	.0098620	1.613285	.0446282	.0429410
Stddev	.0020087	.065252	.0004677	.0002236	.112672	.0007309	.0002057
%RSD	9.380439	3.306499	1.119092	2.266836	6.984038	1.637823	.4790905

#1	.0209464	1.900169	.0419559	.0096328	1.735546	.0453083	.0431084
#2	.0196792	1.994949	.0412623	.0098738	1.513629	.0438553	.0427114
#3	.0236143	2.025251	.0421526	.0100795	1.590679	.0447209	.0430033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.979342	.0182000	.1027484	.1963219	.0128252	.3723033	.0424753
Stddev	.082403	.0017292	.0003476	.0004841	.0032155	.0011328	.0010933
%RSD	4.163134	9.501040	.3382610	.2465740	25.07200	.3042544	2.574048

#1	1.908147	.0163112	.1027247	.1968508	.0127628	.3722545	.0437119
#2	1.960270	.0185838	.1024134	.1962142	.0096414	.3711958	.0420775
#3	2.069608	.0197050	.1031073	.1959008	.0160715	.3734597	.0416366

Sample Name: LLCCV01 Acquired: 01/23/2019 12:47:20 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0441224	.0178480	.0197822
Stddev	.0027578	.0006787	.0000217
%RSD	6.250427	3.802843	.1095967

#1	.0447281	.0171154	.0198058
#2	.0411121	.0179731	.0197632
#3	.0465271	.0184555	.0197777

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.753	2397.737	48975.85	4968.733	3733.151
Stddev	12.514	7.217	169.85	26.654	10.393
%RSD	.5670959	.3009930	.3468008	.5364285	.2784094

#1	2192.710	2391.867	48938.65	4969.720	3723.922
#2	2216.726	2405.795	49161.21	4994.880	3744.410
#3	2210.822	2395.550	48827.68	4941.600	3731.122

Sample Name: CCB01 Acquired: 01/23/2019 12:51:14 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000868	-.002118	-.001817	.0003987	-.001348	.0004540	-.004372
Stddev	.003032	.001057	.002165	.0007424	.000587	.0082703	.000604
%RSD	349.2363	49.92419	119.1015	186.2228	43.54406	1821.664	13.81467

#1	.002441	-.003251	-.003433	.0011241	-.001746	-.006472	-.005067
#2	-.001533	-.001944	-.002661	-.000360	-.001624	-.001776	-.004065
#3	-.003513	-.001158	.000642	.000432	-.000674	.009611	-.003983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	.0000287	-.006056	-.000232	.0001808	-.002605	.0070374
Stddev	.000046	.0000204	.011742	.000062	.0000692	.003135	.0069556
%RSD	58.75407	71.04358	193.8925	26.54036	38.28956	120.3346	98.83827

#1	-.000088	.0000314	-.013319	-.000299	.0002482	-.005435	.0110271
#2	-.000119	.0000475	-.012339	-.000178	.0001098	-.003146	.0110794
#3	-.000028	.0000071	.007490	-.000220	.0001845	.000765	-.000994

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013858	.0455212	.0006641	.0008113	-.465363	-.002660	-.000815
Stddev	.0001884	.0557599	.0001262	.0001380	.148329	.002411	.000348
%RSD	13.59561	122.4921	18.99716	17.01450	31.87378	90.66207	42.72619

#1	.0014918	.0020431	.0008098	.0009652	-.515585	-.003939	-.001140
#2	.0011682	.0261336	.0005918	.0007703	-.582062	.000122	-.000856
#3	.0014972	.1083871	.0005908	.0006984	-.298444	-.004162	-.000448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031519	-.005445	.0017041	.0001123	-.006136	.0026162	.0006955
Stddev	.032647	.002029	.0002607	.0000289	.001224	.0002881	.0008052
%RSD	103.5806	37.26438	15.29910	25.75254	19.95329	11.01282	115.7615

#1	-.061200	-.003922	.0020014	.0001159	-.007429	.0025535	.0016200
#2	-.036805	-.007748	.0015962	.0000818	-.005982	.0029305	.0001475
#3	.003449	-.004664	.0015146	.0001393	-.004995	.0023646	.0003191

Sample Name: CCB01 Acquired: 01/23/2019 12:51:14 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0018229	-.004089	-.000048
Stddev	.0009423	.000849	.000032
%RSD	51.69002	20.75473	67.64923

#1	.0020016	-.003268	-.000010
#2	.0008041	-.004963	-.000066
#3	.0026631	-.004035	-.000067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.094	2414.619	51973.78	5209.460	3736.493
Stddev	9.430	36.641	235.37	45.799	59.421
%RSD	.4017882	1.517457	.4528643	.8791459	1.590286

#1	2336.224	2451.501	51702.95	5195.440	3798.050
#2	2353.084	2414.133	52089.46	5172.310	3731.961
#3	2351.976	2378.224	52128.92	5260.630	3679.468

Sample Name: K1218-01 Acquired: 01/23/2019 13:02:02 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0076390	-.004787	.0193767	-.002249	.0025334	.7119379
Stddev	.0021309	.001693	.0016215	.002306	.0016986	.0112880
%RSD	27.89466	35.37642	8.368391	102.5168	67.04809	1.585533

#1	.0084195	-.006426	.0203918	-.002717	.0033104	.7247351
#2	.0052279	-.004891	.0175066	.000255	.0005853	.7033963
#3	.0092695	-.003044	.0202317	-.004285	.0037045	.7076823

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744144	-.000030	.0007094	666.1849	.0013174	.0045678
Stddev	.0008250	.000047	.0000645	8.1646	.0004081	.0002063
%RSD	1.108662	155.4367	9.089889	1.225577	30.97495	4.517042

#1	.0751458	-.000034	.0006540	674.1079	.0009848	.0047999
#2	.0745774	-.000074	.0007802	666.6483	.0011948	.0044985
#3	.0735201	.000019	.0006939	657.7984	.0017728	.0044051

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178203	37.84268	3.785279	74.32269	.0122141	-.001523
Stddev	.0051254	.50837	.063798	.99758	.0004880	.000195
%RSD	28.76145	1.343387	1.685423	1.342224	3.995135	12.79764

#1	.0127079	38.33057	3.853207	75.44279	.0117543	-.001537
#2	.0229586	37.88143	3.776003	73.99543	.0121619	-.001710
#3	.0177944	37.31604	3.726627	73.52985	.0127260	-.001321

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1279.000	.0111138	.0217544	84.24710	1.239767	.3836197
Stddev	13.532	.0014524	.0004490	.44945	.009685	.0023451
%RSD	1.058042	13.06817	2.063940	.5334913	.7812126	.6112964

#1	1290.780	.0112152	.0218585	84.69606	1.235233	.3863198
#2	1282.002	.0096133	.0212625	84.24807	1.233180	.3820922
#3	1264.219	.0125128	.0221422	83.79716	1.250887	.3824472

Sample Name: K1218-01 Acquired: 01/23/2019 13:02:02 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0704623	359.1363	24.71635	-.001450	.0159144	.2739093
Stddev	.0007108	1.4734	.13504	.000769	.0011007	.0001392
%RSD	1.008693	.4102641	.5463481	53.02772	6.916412	.0508173

#1	.0699769	359.0838	24.87072	-.000573	.0146586	.2740422
#2	.0701318	357.6898	24.62014	-.002007	.0163723	.2739210
#3	.0712781	360.6352	24.65819	-.001769	.0167122	.2737646

Elem	Sr4077
Units	ppm
Avg	1.536459
Stddev	.004397
%RSD	.2862060

#1	1.540904
#2	1.536361
#3	1.532111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.423	2065.653	45323.79	4684.925	2923.794
Stddev	7.241	3.367	294.35	32.497	4.087
%RSD	.3729487	.1629972	.6494429	.6936505	.1397703

#1	1936.113	2061.771	45011.37	4647.463	2919.204
#2	1949.670	2067.780	45364.06	4705.527	2927.037
#3	1938.484	2067.407	45595.92	4701.786	2925.141

Sample Name: K1218-01DUP Acquired: 01/23/2019 13:05:51 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0115104	-.007872	.0226994	.0000930	.0013355	.7384826
Stddev	.0018875	.002433	.0022059	.0043856	.0005973	.0161049
%RSD	16.39836	30.90584	9.717758	4715.219	44.72172	2.180806

#1	.0120832	-.009711	.0251829	-.002950	.0019692	.7198886
#2	.0094028	-.008793	.0219476	-.001892	.0012545	.7480296
#3	.0130452	-.005114	.0209677	.005120	.0007829	.7475298

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0792727	-.000044	.0007707	707.8605	.0014029	.0046669
Stddev	.0009766	.000078	.0000565	5.0216	.0001961	.0004054
%RSD	1.232011	178.1734	7.334778	.7094013	13.97973	8.687660

#1	.0782724	-.000079	.0008261	702.6562	.0012595	.0051229
#2	.0793218	-.000097	.0007131	708.2485	.0013228	.0043471
#3	.0802238	.000046	.0007729	712.6769	.0016264	.0045307

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194270	39.97821	4.021030	79.50477	.0130859	-.002017
Stddev	.0018105	.29242	.025133	.71069	.0002763	.000385
%RSD	9.319294	.7314510	.6250343	.8938913	2.111388	19.09750

#1	.0173440	39.66440	3.992683	78.68425	.0131314	-.002460
#2	.0206215	40.24306	4.029820	79.90305	.0127897	-.001769
#3	.0203157	40.02717	4.040588	79.92700	.0133366	-.001821

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1350.546	.0062439	.0234473	89.21223	1.349731	.4149541
Stddev	5.502	.0074914	.0004187	.26411	.009567	.0037008
%RSD	.4074120	119.9782	1.785552	.2960452	.7088347	.8918607

#1	1345.914	.0089172	.0236310	88.93236	1.346945	.4117180
#2	1349.096	-.002217	.0229682	89.24728	1.341867	.4141552
#3	1356.629	.012032	.0237427	89.45707	1.360383	.4189891

Sample Name: K1218-01DUP Acquired: 01/23/2019 13:05:51 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0760626	387.7407	26.65247	-.001913	.0147178	.3071750
Stddev	.0007092	2.4974	.19300	.001105	.0020296	.0033651
%RSD	.9323819	.6440834	.7241241	57.79858	13.79003	1.095500

#1	.0759461	386.5904	26.57506	-.001846	.0170170	.3034787
#2	.0754189	386.0257	26.51019	-.003050	.0131750	.3079853
#3	.0768229	390.6059	26.87215	-.000842	.0139616	.3100610

Elem	Sr4077
Units	ppm
Avg	1.614915
Stddev	.003529
%RSD	.2184985

#1	1.613442
#2	1.618942
#3	1.612362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.253	1976.088	43447.70	4493.647	2777.154
Stddev	16.553	8.500	235.69	9.300	11.777
%RSD	.8766241	.4301195	.5424708	.2069510	.4240835

#1	1905.246	1979.496	43601.78	4504.336	2777.431
#2	1872.179	1982.355	43176.38	4489.196	2788.790
#3	1887.333	1966.413	43564.93	4487.410	2765.240

Sample Name: K1218-01LX5 Acquired: 01/23/2019 13:09:41 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0040668	-.002300	.0055411	-.001658	.0002612	.1736071	.0123441
Stddev	.0017476	.000529	.0003108	.001869	.0005886	.0103608	.0007540
%RSD	42.97280	23.02347	5.609110	112.7296	225.3505	5.967929	6.108240

#1	.0022920	-.002757	.0058761	-.003808	.0006839	.1624768	.0128786
#2	.0057859	-.002422	.0052621	-.000753	-.000411	.1829713	.0114816
#3	.0041226	-.001720	.0054851	-.000414	.000511	.1753733	.0126721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	.0001605	143.0815	.0005644	.0000970	.0058661	8.457566
Stddev	.000044	.0000925	1.7010	.0001143	.0001553	.0026809	.068178
%RSD	59.59169	57.63080	1.188858	20.24454	160.1483	45.70105	.8061136

#1	-.000111	.0001884	141.1687	.0006865	-.000039	.0089488	8.379514
#2	-.000025	.0002358	144.4245	.0005467	.000266	.0045700	8.487696
#3	-.000084	.0000573	143.6512	.0004600	.000064	.0040796	8.505487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8396059	16.32272	.0024301	.0000427	270.5820	.0021488	.0086077
Stddev	.0117132	.22767	.0000878	.0007305	1.7218	.0049976	.0003681
%RSD	1.395081	1.394784	3.614291	1712.890	.6363162	232.5772	4.276760

#1	.8261533	16.06093	.0024511	-.000448	268.6233	.0029011	.0089577
#2	.8475444	16.43285	.0023337	.000882	271.8563	.0067276	.0086416
#3	.8451199	16.47438	.0025055	-.000306	271.2664	-.003182	.0082238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.20336	.2583862	.0840133	.0164203	76.46619	5.582702	-.003005
Stddev	.03891	.0030073	.0013181	.0001700	.84053	.060188	.000630
%RSD	.2261596	1.163878	1.568862	1.035183	1.099220	1.078114	20.98235

#1	17.17591	.2614385	.0824914	.0163293	76.25031	5.521184	-.003273
#2	17.24789	.2554260	.0847867	.0163152	75.75465	5.641465	-.003457
#3	17.18630	.2582943	.0847618	.0166164	77.39361	5.585457	-.002285

Sample Name: K1218-01LX5 Acquired: 01/23/2019 13:09:41 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0066768	.0691245	.3278094
Stddev	.0004841	.0010654	.0010467
%RSD	7.250407	1.541332	.3193140

#1	.0063519	.0679070	.3289433
#2	.0072332	.0698863	.3268799
#3	.0064454	.0695802	.3276049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.227	2228.501	47309.87	4850.281	3320.981
Stddev	6.512	20.823	375.57	32.725	30.597
%RSD	.3105072	.9343830	.7938600	.6747080	.9213192

#1	2090.182	2239.833	46910.34	4885.796	3330.273
#2	2103.026	2241.201	47655.71	4821.345	3345.854
#3	2098.471	2204.470	47363.56	4843.703	3286.815

Sample Name: K1218-01MS Acquired: 01/23/2019 13:13:30 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.9530856	2.154952	1.140538	1.952021	.9474616	3.236534
Stddev	.0096067	.014945	.007040	.008304	.0051200	.018541
%RSD	1.007962	.6935385	.6172110	.4254075	.5403891	.5728509

#1	.9633594	2.170380	1.148174	1.960415	.9518537	3.256162
#2	.9515719	2.153935	1.134308	1.951839	.9486927	3.219316
#3	.9443256	2.140541	1.139131	1.943810	.9418383	3.234124

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3255976	.2107933	.2157756	730.9528	.4358032	.2432516
Stddev	.0016732	.0019046	.0009333	1.8869	.0009806	.0020794
%RSD	.5138691	.9035630	.4325242	.2581466	.2250000	.8548211

#1	.3272289	.2129036	.2166597	733.1057	.4348616	.2455408
#2	.3256783	.2102745	.2158673	729.5861	.4368185	.2427345
#3	.3238855	.2092019	.2147999	730.1665	.4357294	.2414796

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3818668	44.69037	4.377414	84.32350	.6007997	.0891207
Stddev	.0039125	.26050	.016635	.39346	.0037181	.0000677
%RSD	1.024575	.5828998	.3800088	.4666085	.6188572	.0760091

#1	.3851807	44.96956	4.382708	84.51251	.6050899	.0891060
#2	.3775506	44.45382	4.358777	83.87120	.5985146	.0891946
#3	.3828691	44.64771	4.390758	84.58678	.5987945	.0890615

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1396.927	.3658857	.2596567	104.8215	9.867831	.7583007
Stddev	2.582	.0009638	.0020137	.3588	.062090	.0054863
%RSD	.1848055	.2634225	.7755375	.3422489	.6292142	.7234978

#1	1399.907	.3658578	.2614334	105.2249	9.936665	.7640292
#2	1395.384	.3668632	.2600675	104.7015	9.850782	.7577791
#3	1395.490	.3649361	.2574693	104.5382	9.816047	.7530939

Sample Name: K1218-01MS Acquired: 01/23/2019 13:13:30 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.5376827	388.9679	28.40812	.8246967	.2527527	.5746489
Stddev	.0034513	2.0337	.26727	.0042857	.0014499	.0035084
%RSD	.6418915	.5228447	.9408078	.5196683	.5736398	.6105304

#1	.5412777	391.0606	28.67149	.8286953	.2542085	.5729848
#2	.5373746	388.8442	28.41574	.8252225	.2513088	.5722822
#3	.5343957	386.9988	28.13712	.8201724	.2527407	.5786797

Elem	Sr4077
Units	ppm
Avg	1.880048
Stddev	.006570
%RSD	.3494580

#1	1.886950
#2	1.873870
#3	1.879323

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.624	2000.698	43849.25	4418.978	2802.002
Stddev	17.386	16.670	204.24	50.943	21.404
%RSD	.9191073	.8332211	.4657778	1.152827	.7638877

#1	1880.280	1982.021	43903.79	4374.216	2777.838
#2	1882.951	2006.003	43623.28	4408.307	2809.585
#3	1911.640	2014.071	44020.69	4474.412	2818.582

Sample Name: K1218-01MSD Acquired: 01/23/2019 13:17:06 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.9738360	2.192044	1.162650	1.992548	.9672916	3.241422
Stddev	.0036684	.015983	.010991	.008927	.0056298	.012598
%RSD	.3766946	.7291473	.9453694	.4480261	.5820189	.3886629

#1	.9702685	2.185486	1.158190	1.990978	.9623589	3.253092
#2	.9775975	2.180383	1.154589	1.984509	.9660912	3.228066
#3	.9736421	2.210263	1.175170	2.002155	.9734249	3.243110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3269440	.2104503	.2203120	729.8417	.4410340	.2482342
Stddev	.0016297	.0034898	.0016224	2.5570	.0006636	.0018666
%RSD	.4984494	1.658234	.7363940	.3503453	.1504621	.7519487

#1	.3288231	.2071619	.2190809	726.9195	.4412753	.2467218
#2	.3259180	.2100775	.2197047	730.9373	.4415431	.2476604
#3	.3260910	.2141115	.2221504	731.6684	.4402835	.2503203

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3803272	44.78001	4.372668	84.06480	.6127959	.0901379
Stddev	.0041882	.14829	.021717	.18161	.0047628	.0007496
%RSD	1.101201	.3311521	.4966568	.2160387	.7772217	.8316322

#1	.3840285	44.94312	4.370946	83.96746	.6088460	.0895136
#2	.3757810	44.65332	4.395195	84.27433	.6114569	.0909693
#3	.3811720	44.74359	4.351863	83.95261	.6180849	.0899308

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1400.105	.3660325	.2622685	105.0647	10.05301	.7563063
Stddev	2.815	.0123663	.0003412	.4597	.07198	.0142649
%RSD	.2010334	3.378460	.1300830	.4375025	.7159805	1.886132

#1	1397.728	.3756067	.2618775	104.8483	10.02230	.7414015
#2	1399.373	.3520707	.2625059	104.7531	10.00148	.7576862
#3	1403.213	.3704201	.2624220	105.5926	10.13525	.7698311

Sample Name: K1218-01MSD Acquired: 01/23/2019 13:17:06 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.5498753	396.4913	28.30574	.8441173	.2523964	.5824687
Stddev	.0033465	2.8807	.46085	.0080226	.0025543	.0017325
%RSD	.6085924	.7265452	1.628101	.9504118	1.012008	.2974396

#1	.5471133	394.3452	27.85257	.8397561	.2504740	.5805033
#2	.5489160	395.3634	28.29076	.8392200	.2552947	.5831282
#3	.5535967	399.7653	28.77390	.8533758	.2514204	.5837746

Elem	Sr4077
Units	ppm
Avg	1.881154
Stddev	.011827
%RSD	.6286875

#1	1.890179
#2	1.867766
#3	1.885518

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.935	1972.737	43662.48	4456.922	2763.112
Stddev	7.067	6.423	156.77	42.605	15.018
%RSD	.3743400	.3255829	.3590602	.9559296	.5435008

#1	1880.665	1976.526	43535.24	4495.224	2770.400
#2	1888.360	1976.363	43614.58	4464.508	2773.095
#3	1894.780	1965.321	43837.61	4411.033	2745.842

Sample Name: K1218-01A Acquired: 01/23/2019 13:20:40 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.9762458	2.191288	1.163588	1.998453	.9645291	3.295720
Stddev	.0087276	.021700	.006496	.009485	.0068289	.002170
%RSD	.8939944	.9902799	.5582305	.4746215	.7080080	.0658367

#1	.9766206	2.211632	1.170059	2.001235	.9709662	3.293729
#2	.9847800	2.193784	1.163639	2.006236	.9652548	3.295398
#3	.9673369	2.168449	1.157068	1.987888	.9573663	3.298033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3318383	.2173727	.2206084	744.3364	.4488752	.2475891
Stddev	.0011491	.0012612	.0011267	3.1400	.0014393	.0017016
%RSD	.3462721	.5801907	.5107352	.4218522	.3206542	.6872810

#1	.3310630	.2186152	.2218264	740.7373	.4504258	.2493645
#2	.3312935	.2160937	.2203956	746.5165	.4475817	.2474305
#3	.3331584	.2174091	.2196033	745.7553	.4486183	.2459724

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3904487	45.44382	4.444624	86.10418	.6123023	.0919720
Stddev	.0072894	.21481	.028274	.42857	.0038621	.0001983
%RSD	1.866921	.4726901	.6361345	.4977342	.6307512	.2155681

#1	.3988590	45.20820	4.411984	85.61070	.6162221	.0921533
#2	.3865345	45.49449	4.460307	86.31889	.6121841	.0917603
#3	.3859526	45.62875	4.461580	86.38296	.6085006	.0920026

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1425.467	.3777888	.2656880	107.0705	10.05258	.7776500
Stddev	3.082	.0052456	.0012315	.1303	.07237	.0046144
%RSD	.2161824	1.388502	.4635193	.1216501	.7199043	.5933779

#1	1422.155	.3788669	.2656658	106.9799	10.11893	.7820898
#2	1428.249	.3824116	.2669305	107.2197	10.06341	.7728789
#3	1425.999	.3720879	.2644677	107.0118	9.97541	.7779813

Sample Name: K1218-01A Acquired: 01/23/2019 13:20:40 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.5507345	397.4842	29.20060	.8447139	.2600203	.5931536
Stddev	.0020789	2.3803	.17563	.0070022	.0023590	.0047648
%RSD	.3774760	.5988525	.6014733	.8289379	.9072488	.8032997

#1	.5526867	399.8313	29.38972	.8519114	.2573066	.5879113
#2	.5509681	397.5495	29.04263	.8443052	.2611729	.5943284
#3	.5485487	395.0720	29.16944	.8379250	.2615815	.5972211

Elem	Sr4077
Units	ppm
Avg	1.922107
Stddev	.007309
%RSD	.3802845

#1	1.928393
#2	1.923842
#3	1.914087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.769	1969.210	42853.14	4324.371	2758.259
Stddev	7.154	9.145	27.48	11.218	19.533
%RSD	.3838627	.4644081	.0641181	.2594172	.7081583

#1	1869.446	1961.051	42821.58	4315.102	2738.389
#2	1855.733	1967.484	42871.74	4336.842	2758.953
#3	1866.127	1979.095	42866.10	4321.170	2777.436

Sample Name: K1009-01 Acquired: 01/23/2019 13:24:15 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0125855	-.005955	.4072574	-.035472	.0040399	158.1258	.6017916
Stddev	.0022254	.002169	.0002598	.002514	.0008713	.2368	.0027284
%RSD	17.68245	36.42296	.0637968	7.086652	21.56752	.1497724	.4533766

#1	.0120159	-.003454	.4074215	-.033083	.0044349	158.3045	.6040786
#2	.0107003	-.007092	.4069579	-.035239	.0030411	157.8572	.6025246
#3	.0150404	-.007318	.4073929	-.038094	.0046437	158.2157	.5987716

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068168	.0059608	72.05379	.1754762	.1589471	.5116985	258.1939
Stddev	.0000392	.0001863	.38647	.0010886	.0004295	.0070160	.7570
%RSD	.5746928	3.125337	.5363571	.6203759	.2701827	1.371124	.2931762

#1	.0068000	.0061168	71.95602	.1765471	.1586412	.5164838	257.5640
#2	.0067887	.0060110	71.72561	.1755110	.1587620	.5036445	257.9840
#3	.0068615	.0057545	72.47976	.1743707	.1594380	.5149670	259.0336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.725692	56.27006	.2472898	-.014515	10.12489	.5036979	.5985855
Stddev	.021483	.34498	.0004422	.000174	.28449	.0058798	.0003337
%RSD	.5766122	.6130825	.1788035	1.198272	2.809768	1.167321	.0557525

#1	3.708518	56.03901	.2475795	-.014341	10.43806	.5090342	.5988554
#2	3.718777	56.10456	.2467808	-.014513	9.88242	.4973945	.5986887
#3	3.749781	56.66661	.2475090	-.014689	10.05418	.5046648	.5982123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.87720	9.460845	-.430153	.0048690	8.019783	1.365383	.0325605
Stddev	.06052	.021233	.002986	.0004663	.027908	.007605	.0003345
%RSD	.4699540	.2244317	.6941902	9.576133	.3479899	.5570001	1.027411

#1	12.92656	9.470530	-.433336	.0050210	8.009453	1.361909	.0324531
#2	12.80968	9.436496	-.427414	.0052402	7.998513	1.360134	.0322929
#3	12.89535	9.475509	-.429707	.0043456	8.051383	1.374104	.0329356

Sample Name: K1009-01 Acquired: 01/23/2019 13:24:15 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	3.948685	.1239682	.2358929
Stddev	.007731	.0007341	.0005424
%RSD	.1957792	.5921848	.2299142

#1	3.946800	.1237830	.2365171
#2	3.942070	.1233443	.2355361
#3	3.957183	.1247771	.2356256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2659.518	2892.190	60606.58	6248.183	3491.480
Stddev	9.393	11.608	305.49	36.284	11.461
%RSD	.3531866	.4013713	.5040499	.5807061	.3282699

#1	2648.799	2881.818	60260.32	6234.968	3482.844
#2	2666.310	2904.729	60838.02	6289.222	3504.483
#3	2663.446	2890.022	60721.39	6220.359	3487.112

Sample Name: K1009-03 Acquired: 01/23/2019 13:27:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0220347	-.005544	.5298722	-.030476	.0033100	129.1046	.7586817
Stddev	.0036735	.001417	.0074810	.001408	.0011299	.1804	.0002315
%RSD	16.67165	25.55577	1.411840	4.621633	34.13550	.1397425	.0305117

#1	.0188374	-.004276	.5223153	-.028911	.0044922	129.0986	.7587093
#2	.0212194	-.005282	.5300265	-.031641	.0022409	128.9272	.7588982
#3	.0260475	-.007073	.5372748	-.030877	.0031968	129.2879	.7584377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062375	.0050484	67.07308	.1971107	.1364386	.5064022	213.4940
Stddev	.0000316	.0001202	.03721	.0014704	.0013508	.0037733	.3557
%RSD	.5074016	2.379884	.0554763	.7459891	.9900257	.7451151	.1665924

#1	.0062310	.0050439	67.10555	.1986768	.1350393	.5060711	213.8407
#2	.0062720	.0049306	67.03248	.1957597	.1365417	.5103302	213.5114
#3	.0062097	.0051708	67.08122	.1968957	.1377349	.5028054	213.1300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.830484	49.47608	.2639788	-.011971	6.494730	.3561755	.6659493
Stddev	.005237	.30897	.0020951	.000686	.152168	.0044881	.0016476
%RSD	.1367151	.6244845	.7936597	5.727846	2.342943	1.260076	.2473983

#1	3.834282	49.80996	.2634857	-.012661	6.345983	.3525872	.6670629
#2	3.824510	49.41802	.2621742	-.011963	6.650102	.3547315	.6667283
#3	3.832660	49.20026	.2662764	-.011290	6.488104	.3612079	.6640567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.36164	8.436901	-.347207	.0041382	8.195885	2.253413	.0487831
Stddev	.07419	.061928	.003825	.0001468	.043189	.005498	.0007206
%RSD	.4040661	.7340123	1.101747	3.547748	.5269595	.2439939	1.477198

#1	18.27599	8.392479	-.344532	.0042877	8.159279	2.247302	.0496089
#2	18.40281	8.410583	-.345499	.0041326	8.184858	2.254977	.0482811
#3	18.40612	8.507641	-.351588	.0039943	8.243519	2.257960	.0484594

Sample Name: K1009-03 Acquired: 01/23/2019 13:27:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.089483	.1301044	.2037201
Stddev	.014096	.0014674	.0005233
%RSD	.3446973	1.127886	.2568840

#1	4.095966	.1296094	.2031878
#2	4.073311	.1317553	.2037385
#3	4.099171	.1289485	.2042340

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.790	2713.666	57454.82	5925.354	3449.523
Stddev	15.695	9.430	377.28	19.291	16.288
%RSD	.6192025	.3474996	.6566573	.3255710	.4721920

#1	2521.452	2724.388	57023.72	5909.208	3462.156
#2	2530.832	2709.944	57615.97	5920.136	3455.273
#3	2552.085	2706.664	57724.76	5946.717	3431.140

Sample Name: K1009-05 Acquired: 01/23/2019 13:31:32 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0282930	-.005135	.8225962	-.024423	.0033011	138.1081	.8487257
Stddev	.0039669	.001571	.0071054	.002892	.0014196	.3198	.0004593
%RSD	14.02090	30.58771	.8637747	11.84277	43.00413	.2315758	.0541106

#1	.0240576	-.004352	.8146208	-.021217	.0027377	137.7831	.8487454
#2	.0288998	-.006943	.8249163	-.026837	.0022497	138.1188	.8482569
#3	.0319216	-.004110	.8282516	-.025214	.0049160	138.4225	.8491747

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077798	.0055078	90.81796	.2090299	.1285394	.4796001	201.2990
Stddev	.0001207	.0001183	.45808	.0011883	.0015891	.0042887	1.2728
%RSD	1.551657	2.148517	.5043978	.5684988	1.236269	.8942212	.6322761

#1	.0079182	.0053730	90.30892	.2093808	.1275206	.4763041	200.2303
#2	.0077243	.0055945	90.94799	.2077057	.1277272	.4780472	200.9598
#3	.0076967	.0055558	91.19697	.2100033	.1303705	.4844489	202.7071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.098082	58.51180	.2577585	-.011063	8.250855	.4106070	.7935950
Stddev	.023946	.47433	.0026040	.000104	.201499	.0051089	.0013466
%RSD	.7729255	.8106638	1.010240	.9381636	2.442156	1.244237	.1696802

#1	3.072517	58.02505	.2560005	-.011128	8.483409	.4111342	.7930375
#2	3.101741	58.53769	.2565249	-.011117	8.128179	.4052550	.7951308
#3	3.119988	58.97265	.2607500	-.010943	8.140979	.4154319	.7926167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.42037	10.24658	-.317656	.0045639	6.749938	1.895461	.0460616
Stddev	.08069	.09422	.003384	.0004866	.057965	.009892	.0006699
%RSD	.6012627	.9195435	1.065320	10.66175	.8587531	.5218811	1.454335

#1	13.34110	10.17850	-.321545	.0041142	6.716244	1.906144	.0453997
#2	13.50242	10.20711	-.315384	.0044971	6.716700	1.886618	.0467392
#3	13.41761	10.35411	-.316039	.0050805	6.816870	1.893622	.0460458

Sample Name: K1009-05 Acquired: 01/23/2019 13:31:32 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	3.316782	.1581012	.2520851
Stddev	.015037	.0004158	.0010788
%RSD	.4533596	.2629667	.4279683

#1	3.301244	.1576848	.2513104
#2	3.317840	.1585163	.2533173
#3	3.331262	.1581026	.2516276

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.558	2793.146	59075.85	6042.356	3396.050
Stddev	17.683	11.016	171.41	26.098	20.203
%RSD	.6752979	.3943984	.2901447	.4319195	.5948860

#1	2631.450	2804.340	59248.28	6027.047	3415.118
#2	2598.400	2792.782	58905.49	6027.530	3398.154
#3	2625.824	2782.317	59073.77	6072.490	3374.877

Sample Name: K1009-07 Acquired: 01/23/2019 13:35:09 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0231891	-.002674	.4409019	-.023453	.0025281	97.27140	.5783935
Stddev	.0008738	.000946	.0064261	.001244	.0008362	1.05471	.0063958
%RSD	3.768108	35.38575	1.457495	5.305473	33.07698	1.084298	1.105784

#1	.0225281	-.003006	.4479328	-.022446	.0034795	98.46611	.5847744
#2	.0241798	-.003409	.4394409	-.023069	.0021954	96.87879	.5784231
#3	.0228595	-.001606	.4353321	-.024844	.0019094	96.46931	.5719830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047984	.0037306	67.40573	.1928990	.1119803	.4858747	194.3108
Stddev	.0000750	.0000856	1.05871	.0012219	.0011928	.0011764	1.9109
%RSD	1.562617	2.295197	1.570657	.6334279	1.065188	.2421308	.9834312

#1	.0048850	.0036317	68.59310	.1936808	.1133561	.4868737	196.5173
#2	.0047573	.0037819	66.56009	.1935253	.1113468	.4861723	193.1933
#3	.0047530	.0037781	67.06401	.1914910	.1112378	.4845780	193.2218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.634609	45.59127	.2005565	-.010614	4.862020	.3229254	.5304800
Stddev	.036821	.49984	.0025040	.000301	.084566	.0023165	.0032147
%RSD	1.397581	1.096340	1.248515	2.836674	1.739314	.7173592	.6059907

#1	2.676563	46.16020	.2031124	-.010551	4.766855	.3204349	.5332153
#2	2.607664	45.22270	.2004492	-.010349	4.928552	.3250159	.5312853
#3	2.619598	45.39092	.1981079	-.010941	4.890653	.3233254	.5269392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81229	10.46496	-.306319	.0135549	10.69440	1.448285	.0422793
Stddev	.18826	.11433	.007859	.0002801	.12279	.024176	.0007358
%RSD	1.190602	1.092481	2.565539	2.066021	1.148165	1.669258	1.740434

#1	16.02622	10.58981	-.315326	.0137552	10.83554	1.475891	.0417233
#2	15.73878	10.43967	-.302770	.0132349	10.63554	1.430889	.0431137
#3	15.67188	10.36539	-.300860	.0136747	10.61213	1.438076	.0420008

Sample Name: K1009-07 Acquired: 01/23/2019 13:35:09 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	3.424286	.1122725	.1937697
Stddev	.033856	.0014403	.0022054
%RSD	.9887162	1.282824	1.138163

#1	3.463315	.1139350	.1959979
#2	3.406730	.1114058	.1937235
#3	3.402814	.1114766	.1915878

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2791.443	3067.635	63335.94	6337.085	3854.968
Stddev	21.602	21.514	473.35	96.311	36.664
%RSD	.7738639	.7013339	.7473564	1.519798	.9510903

#1	2782.471	3043.044	63023.35	6226.191	3813.898
#2	2775.773	3076.873	63103.94	6385.273	3866.604
#3	2816.086	3082.987	63880.53	6399.791	3884.403

Sample Name: CCV02 Acquired: 01/23/2019 13:38:49 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.326473	5.358555	5.158464	5.206880	5.473641	10.54591
Stddev	.020670	.015119	.019584	.007785	.019539	.03734
%RSD	.3880543	.2821517	.3796453	.1495065	.3569698	.3540349

#1	5.317781	5.359010	5.145076	5.210539	5.458498	10.52422
#2	5.311569	5.343213	5.149375	5.197940	5.466727	10.58902
#3	5.350070	5.373442	5.180941	5.212161	5.495697	10.52449

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.85487	.2510031	2.462057	26.84261	1.022876	2.605838
Stddev	.05491	.0016574	.007922	.05740	.004691	.011412
%RSD	.5059009	.6603075	.3217590	.2138216	.4586115	.4379317

#1	10.79223	.2527170	2.459244	26.90582	1.018228	2.601160
#2	10.87768	.2508837	2.455925	26.82826	1.022792	2.597509
#3	10.89471	.2494087	2.471001	26.79375	1.027609	2.618846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.313937	5.229659	2.627809	25.80801	2.634896	1.293316
Stddev	.006932	.016572	.001502	.09497	.011940	.009453
%RSD	.5275997	.3168896	.0571555	.3679682	.4531550	.7309456

#1	1.306411	5.226576	2.626132	25.77737	2.630240	1.282446
#2	1.320061	5.247557	2.629029	25.73215	2.625984	1.297889
#3	1.315340	5.214845	2.628267	25.91451	2.648462	1.299614

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.24619	2.644864	2.654882	27.05678	F 5.786763	5.056020
Stddev	.14579	.016892	.006635	.15740	.005995	.023262
%RSD	.5554824	.6386577	.2499325	.5817389	.1035934	.4600803

#1	26.09557	2.647772	2.649118	26.88980	5.786218	5.067893
#2	26.38663	2.660113	2.662135	27.20242	5.781059	5.070950
#3	26.25636	2.626708	2.653392	27.07812	5.793011	5.029218

Sample Name: CCV02 Acquired: 01/23/2019 13:38:49 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.336125	5.035104	5.008213	5.139084	5.269232	5.245602
Stddev	.025012	.004693	.020310	.023197	.015660	.025063
%RSD	.4687285	.0932033	.4055337	.4513748	.2971971	.4777873

#1	5.325047	5.038611	5.021943	5.124910	5.251759	5.217975
#2	5.318565	5.029773	5.017813	5.126488	5.281999	5.266879
#3	5.364763	5.036929	4.984882	5.165854	5.273938	5.251951

Elem	Sr4077
Units	ppm
Avg	5.125630
Stddev	.031199
%RSD	.6086853

#1	5.089704
#2	5.145909
#3	5.141277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.355	2298.639	48016.83	4849.440	3522.605
Stddev	11.174	7.387	225.13	33.861	7.840
%RSD	.5211118	.3213572	.4688638	.6982354	.2225709

#1	2151.736	2296.306	48254.31	4836.057	3517.893
#2	2131.499	2306.911	47806.51	4824.316	3531.656
#3	2149.830	2292.701	47989.66	4887.946	3518.267

Sample Name: CCB02 Acquired: 01/23/2019 13:42:18 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.001937	-.001672	-.000751	.0007625	-.000858	.0083474	-.003969
Stddev	.000761	.002331	.001480	.0010144	.001337	.0112283	.000488
%RSD	39.26539	139.4506	196.9924	133.0396	155.8741	134.5122	12.28739

#1	-.001116	-.004347	.000035	.0019299	-.000044	.0209772	-.004285
#2	-.002076	-.000077	-.002458	.0000959	-.000128	.0045707	-.003407
#3	-.002618	-.000591	.000169	.0002616	-.002401	-.000506	-.004214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	.0001484	.0123626	.0000716	.0003384	.0001110	.0313609
Stddev	.000044	.0000435	.0083119	.0002986	.0002096	.0019733	.0206673
%RSD	87.33209	29.30373	67.23386	416.8860	61.93992	1777.111	65.90161

#1	-.000039	.0001089	.0179512	.0002624	.0000989	.0023868	.0202322
#2	-.000014	.0001950	.0163257	-.000273	.0004279	-.000928	.0552078
#3	-.000100	.0001412	.0028109	.000225	.0004884	-.001126	.0186427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004837	-.029789	-.000041	.0002058	-.202651	-.000442	-.000919
Stddev	.0004050	.048106	.000127	.0002069	.167395	.002408	.000459
%RSD	83.73005	161.4892	305.1624	100.5495	82.60256	545.3468	49.98602

#1	.0000755	-.066358	-.000005	.0003817	-.356937	-.002600	-.000672
#2	.0008854	.024706	-.000182	-.000022	-.226342	.002155	-.001448
#3	.0004901	-.047715	.000063	.000258	-.024672	-.000880	-.000636

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572287	-.003776	.0023756	.0006658	.0015543	.0072776	.0006695
Stddev	.0473578	.000309	.0006084	.0002629	.0036298	.0017075	.0005813
%RSD	82.75184	8.186321	25.61010	39.48357	233.5380	23.46261	86.82950

#1	.0428050	-.003991	.0021407	.0008562	.0002321	.0082414	.0010992
#2	.1101214	-.003422	.0030664	.0003659	.0056598	.0053061	.0009011
#3	.0187599	-.003916	.0019196	.0007754	-.001229	.0082852	.0000081

Sample Name: CCB02 Acquired: 01/23/2019 13:42:18 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0015284	.0013870	.0001176
Stddev	.0018091	.0025411	.0000460
%RSD	118.3700	183.2091	39.11121

#1	.0035627	-.001255	.0001053
#2	.0001000	.001603	.0001685
#3	.0009224	.003813	.0000790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.218	2430.583	48154.57	4832.770	3777.209
Stddev	16.882	42.320	300.40	22.161	68.911
%RSD	.7785897	1.741151	.6238264	.4585532	1.824389

#1	2175.888	2388.887	47939.46	4855.040	3708.557
#2	2148.863	2429.360	48026.46	4832.550	3776.693
#3	2179.902	2473.501	48497.78	4810.720	3846.376

Sample Name: K1009-07DUP Acquired: 01/23/2019 13:46:12 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0207958	-.005016	.4889370	-.029028	.0043649	102.6770	.6269651
Stddev	.0018961	.000350	.0066085	.001922	.0015347	.2088	.0018945
%RSD	9.117557	6.970580	1.351606	6.621810	35.16054	.2033236	.3021705

#1	.0224870	-.005419	.4964096	-.030381	.0025971	102.5141	.6251366
#2	.0211543	-.004834	.4838619	-.026828	.0053554	102.6046	.6268394
#3	.0187461	-.004794	.4865395	-.029876	.0051423	102.9123	.6289193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050388	.0044332	70.55306	.2036618	.1245236	.5616876	208.0318
Stddev	.0000369	.0000935	.16892	.0007294	.0015211	.0031259	.8535
%RSD	.7321980	2.109645	.2394186	.3581349	1.221557	.5565167	.4102525

#1	.0050804	.0045383	70.36955	.2039654	.1262793	.5604938	207.1512
#2	.0050260	.0044025	70.70206	.2028297	.1236903	.5593345	208.8553
#3	.0050100	.0043589	70.58755	.2041903	.1236013	.5652344	208.0889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.769786	49.01337	.2135616	-.011927	5.278451	.3396995	.5755661
Stddev	.008873	.19855	.0016221	.000459	.068472	.0016346	.0011722
%RSD	.3203364	.4050859	.7595626	3.846516	1.297199	.4812031	.2036698

#1	2.768059	48.78950	.2153651	-.012400	5.316925	.3415863	.5768674
#2	2.779395	49.08249	.2130979	-.011897	5.319031	.3387088	.5752380
#3	2.761903	49.16812	.2122218	-.011484	5.199395	.3388035	.5745929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.92312	11.01899	-.319537	.0205927	13.57017	1.499842	.0479451
Stddev	.08733	.06928	.001225	.0000166	.12704	.002930	.0016412
%RSD	.5160598	.6286888	.3833590	.0804177	.9361650	.1953394	3.423010

#1	16.83541	11.09897	-.320738	.0205868	13.71686	1.501500	.0488672
#2	16.92389	10.97989	-.319582	.0206114	13.49840	1.496460	.0489178
#3	17.01007	10.97810	-.318290	.0205798	13.49527	1.501567	.0460503

Sample Name: K1009-07DUP Acquired: 01/23/2019 13:46:12 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	3.696132	.1205965	.1967046
Stddev	.012367	.0017657	.0012753
%RSD	.3345932	1.464149	.6483467

#1	3.684226	.1185576	.1955544
#2	3.695257	.1216079	.1964833
#3	3.708913	.1216240	.1980761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.918	2820.760	59177.65	5998.251	3493.052
Stddev	9.111	15.887	147.26	27.304	25.918
%RSD	.3493535	.5632146	.2488421	.4552013	.7420005

#1	2604.117	2802.990	59107.85	5998.334	3463.746
#2	2618.313	2825.701	59346.83	6025.514	3502.449
#3	2601.322	2833.589	59078.27	5970.906	3512.961

Sample Name: K1009-07LX5 Acquired: 01/23/2019 13:49:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0042068	-.000544	.0984330	-.005239	.0000707	24.15957	.1439474
Stddev	.0018893	.000438	.0007399	.003832	.0018812	.06692	.0007014
%RSD	44.90998	80.62649	.7517242	73.14352	2659.466	.2770050	.4872796

#1	.0063128	-.001014	.0990989	-.007367	-.001273	24.13956	.1431384
#2	.0026610	-.000145	.0985638	-.000815	-.000735	24.10494	.1443171
#3	.0036466	-.000473	.0976365	-.007535	.002221	24.23422	.1443866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012174	.0007170	16.86868	.0496204	.0249327	.1313587	50.21014
Stddev	.0000574	.0000360	.01180	.0003396	.0003271	.0010462	.23516
%RSD	4.715205	5.025985	.0699775	.6843348	1.311912	.7964251	.4683478

#1	.0012814	.0006944	16.86619	.0499465	.0250249	.1303163	50.12029
#2	.0011705	.0007585	16.88153	.0492688	.0252038	.1324086	50.03315
#3	.0012002	.0006980	16.85831	.0496459	.0245694	.1313512	50.47697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6690351	11.44264	.0444285	-.002396	1.098885	.0809912	.1376090
Stddev	.0006724	.05372	.0002617	.000216	.104790	.0058221	.0003882
%RSD	.1004973	.4694618	.5891265	9.027881	9.535997	7.188520	.2821051

#1	.6696484	11.46245	.0442283	-.002474	1.216137	.0859599	.1380384
#2	.6683161	11.38183	.0447247	-.002152	1.066142	.0824287	.1375054
#3	.6691407	11.48364	.0443324	-.002563	1.014377	.0745850	.1372830

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.877025	2.306786	-.075459	.0046289	2.654995	.3635237	.0093366
Stddev	.027124	.013283	.000212	.0001014	.007563	.0026218	.0012312
%RSD	.6995999	.5758107	.2805453	2.190187	.2848597	.7212103	13.18725

#1	3.883886	2.321663	-.075253	.0046466	2.648811	.3607640	.0102959
#2	3.900060	2.296117	-.075676	.0047203	2.663427	.3659814	.0079482
#3	3.847130	2.302578	-.075448	.0045198	2.652745	.3638258	.0097656

Sample Name: K1009-07LX5 Acquired: 01/23/2019 13:49:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.8762159	.0255255	.0477372
Stddev	.0014389	.0008936	.0001958
%RSD	.1642203	3.500813	.4101947

#1	.8747994	.0257122	.0477869
#2	.8761719	.0245532	.0475214
#3	.8776763	.0263109	.0479034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.660	2446.344	50273.42	5134.810	3631.012
Stddev	12.937	6.002	181.50	19.038	14.946
%RSD	.5753147	.2453291	.3610244	.3707687	.4116260

#1	2234.768	2439.432	50065.17	5144.910	3614.480
#2	2250.850	2449.378	50397.95	5112.850	3634.986
#3	2260.363	2450.224	50357.15	5146.670	3643.569

Sample Name: K1009-07MS Acquired: 01/23/2019 13:53:43 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.6849749	2.071758	1.454751	1.442623	.1416624	114.3770	.7877297
Stddev	.0062082	.011321	.003957	.010482	.0017299	.6921	.0022498
%RSD	.9063383	.5464660	.2720167	.7266092	1.221148	.6051095	.2856123

#1	.6841882	2.062462	1.453543	1.437581	.1415777	114.8654	.7866383
#2	.6791975	2.068445	1.451540	1.435615	.1399765	113.5850	.7862337
#3	.6915389	2.084366	1.459172	1.454674	.1434332	114.6807	.7903171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1583900	.1969965	71.86677	.5847943	.3258694	.5793438	203.9230
Stddev	.0013288	.0009581	.59567	.0030600	.0014713	.0038048	2.0628
%RSD	.8389092	.4863747	.8288566	.5232556	.4515105	.6567521	1.011552

#1	.1576149	.1966528	72.34401	.5813129	.3254916	.5786920	205.9131
#2	.1599243	.1962577	71.19919	.5870577	.3246239	.5759070	201.7945
#3	.1576308	.1980791	72.05711	.5860124	.3274929	.5834325	204.0615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.898499	53.26756	.7364685	.0535921	7.933354	.6116401	.7144893
Stddev	.041593	.41252	.0027781	.0004610	.100059	.0057221	.0016303
%RSD	1.434992	.7744296	.3772137	.8601417	1.261248	.9355354	.2281751

#1	2.940638	53.70761	.7351214	.0540603	7.844679	.6180911	.7149764
#2	2.857474	52.88961	.7346208	.0531387	7.913547	.6071775	.7158205
#3	2.897386	53.20548	.7396633	.0535774	8.041835	.6096516	.7126710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.78801	17.88166	-.109014	.3585144	5.934580	2.023270	.7369511
Stddev	.15070	.09211	.002726	.0016427	.054670	.014292	.0042991
%RSD	.5423258	.5150992	2.500510	.4581931	.9212164	.7063636	.5833624

#1	27.62421	17.88263	-.111263	.3579447	5.891457	2.014682	.7340510
#2	27.81907	17.78907	-.109796	.3572323	5.916216	2.039768	.7349119
#3	27.92077	17.97328	-.105982	.3603660	5.996068	2.015360	.7418903

Sample Name: K1009-07MS Acquired: 01/23/2019 13:53:43 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.235658	.3079012	.3471879
Stddev	.028577	.0017973	.0008767
%RSD	.6746687	.5837349	.2525175

#1	4.257765	.3074393	.3467270
#2	4.203390	.3063800	.3481989
#3	4.245819	.3098844	.3466378

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2611.138	2797.890	59683.08	6127.234	3465.110
Stddev	22.038	8.501	466.15	14.796	8.685
%RSD	.8439871	.3038274	.7810447	.2414714	.2506435

#1	2589.699	2798.533	59308.21	6125.030	3467.827
#2	2633.729	2806.051	60205.03	6113.664	3472.112
#3	2609.987	2789.086	59536.00	6143.008	3455.391

Sample Name: K1009-07MSD Acquired: 01/23/2019 13:57:18 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.6957437	2.108822	1.479581	1.462062	.1442106	115.7580	.8005268
Stddev	.0030120	.007920	.004479	.010775	.0029760	.5840	.0014899
%RSD	.4329239	.3755666	.3026941	.7369770	2.063623	.5044761	.1861097

#1	.6989509	2.100642	1.475898	1.462626	.1422236	115.2643	.8018305
#2	.6929749	2.109371	1.478280	1.451016	.1427761	116.4026	.8008471
#3	.6953054	2.116454	1.484567	1.472544	.1476321	115.6070	.7989029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1594782	.2005792	72.69282	.5920975	.3316746	.5887563	205.7059
Stddev	.0011775	.0010070	.86556	.0037932	.0009924	.0010132	1.9875
%RSD	.7383157	.5020494	1.190704	.6406420	.2992109	.1720953	.9661889

#1	.1582722	.1999857	71.80346	.5900673	.3306875	.5877154	203.9851
#2	.1595377	.2000101	73.53243	.5897514	.3316642	.5897394	207.8813
#3	.1606248	.2017419	72.74258	.5964737	.3326722	.5888140	205.2514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.938986	53.88068	.7494043	.0548018	7.934539	.6187142	.7242728
Stddev	.047733	.48974	.0020866	.0007414	.288904	.0018185	.0052984
%RSD	1.624142	.9089350	.2784289	1.352832	3.641092	.2939203	.7315412

#1	2.889581	53.43241	.7474809	.0556377	7.882657	.6206904	.7207989
#2	2.984850	54.40337	.7491095	.0542238	8.245868	.6171113	.7303711
#3	2.942527	53.80627	.7516226	.0545438	7.675091	.6183408	.7216485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.19145	18.23338	-.114796	.3632694	6.051311	2.055405	.7511824
Stddev	.07873	.07727	.004627	.0019045	.031857	.017083	.0039837
%RSD	.2792546	.4237928	4.030412	.5242636	.5264523	.8311212	.5303219

#1	28.10093	18.19586	-.118377	.3629487	6.045130	2.040546	.7465828
#2	28.24398	18.18204	-.109572	.3615456	6.022998	2.051598	.7534329
#3	28.22943	18.32225	-.116438	.3653139	6.085806	2.074070	.7535315

Sample Name: K1009-07MSD Acquired: 01/23/2019 13:57:18 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.289160	.3121404	.3513563
Stddev	.026082	.0022193	.0019631
%RSD	.6080832	.7110034	.5587141

#1	4.262492	.3107746	.3536227
#2	4.314613	.3147012	.3501899
#3	4.290376	.3109455	.3502562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.124	2768.025	59099.18	6111.224	3411.306
Stddev	29.622	4.474	187.98	43.081	7.725
%RSD	1.141886	.1616351	.3180740	.7049529	.2264513

#1	2604.536	2767.643	59268.97	6159.366	3414.833
#2	2560.702	2772.677	58897.17	6076.302	3416.638
#3	2617.134	2763.754	59131.39	6098.005	3402.447

Sample Name: K1009-07A Acquired: 01/23/2019 14:00:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.6513264	1.942450	1.359576	1.369265	.1359010	112.2926	.7733518
Stddev	.0039599	.025848	.011559	.011246	.0019734	1.6326	.0109548
%RSD	.6079741	1.330708	.8502159	.8213256	1.452092	1.453837	1.416531

#1	.6547361	1.965723	1.371534	1.379889	.1377478	114.1329	.7858439
#2	.6522601	1.946997	1.358732	1.370421	.1361335	111.7263	.7688284
#3	.6469831	1.914630	1.348462	1.357486	.1338216	111.0185	.7653830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1555727	.1838046	70.69198	.5641882	.3039390	.5693446	199.5293
Stddev	.0005873	.0014302	1.04555	.0012242	.0030298	.0063851	2.9568
%RSD	.3775065	.7781295	1.479029	.2169767	.9968396	1.121476	1.481910

#1	.1561886	.1853369	71.85809	.5653466	.3073623	.5761265	202.7703
#2	.1555107	.1835721	70.37972	.5629074	.3028517	.5684581	198.8390
#3	.1550189	.1825049	69.83813	.5643104	.3016028	.5634490	196.9787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.851804	52.31184	.6886459	.0519862	7.781993	.6045875	.6955014
Stddev	.032326	.67092	.0073994	.0004426	.047458	.0069705	.0023254
%RSD	1.133525	1.282538	1.074492	.8514514	.6098453	1.152939	.3343428

#1	2.887134	53.08549	.6960850	.0524704	7.778181	.6107578	.6981278
#2	2.844569	51.88991	.6885658	.0518858	7.736556	.6059784	.6937046
#3	2.823708	51.96012	.6812868	.0516024	7.831242	.5970264	.6946719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.43990	16.74743	-.107426	.3399819	5.557281	2.001635	.6856374
Stddev	.31755	.21689	.003276	.0028820	.057276	.016162	.0074296
%RSD	1.157273	1.295036	3.049628	.8476857	1.030653	.8074518	1.083607

#1	27.80531	16.94511	-.111205	.3429349	5.612138	2.020096	.6938509
#2	27.28353	16.78175	-.105388	.3398341	5.561845	1.994770	.6836762
#3	27.23084	16.51543	-.105685	.3371767	5.497859	1.990038	.6793851

Sample Name: K1009-07A Acquired: 01/23/2019 14:00:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.160657	.3016439	.3423222
Stddev	.059804	.0035374	.0050310
%RSD	1.437373	1.172694	1.469675

#1	4.226085	.3056803	.3477416
#2	4.147072	.3001670	.3414246
#3	4.108813	.2990843	.3378004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.956	2914.815	61360.22	6206.862	3666.460
Stddev	19.990	15.515	268.17	56.401	27.679
%RSD	.7453604	.5322714	.4370371	.9086938	.7549114

#1	2659.972	2899.471	61106.19	6144.504	3639.910
#2	2699.043	2914.479	61640.58	6221.769	3664.328
#3	2686.852	2930.495	61333.89	6254.312	3695.144

Sample Name: K1013-01 Acquired: 01/23/2019 14:04:28 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0103295	-.018796	.4353095	-.065925	.0129788	267.0787	1.516283
Stddev	.0036313	.001015	.0059534	.001932	.0013416	.6252	.004928
%RSD	35.15509	5.399924	1.367636	2.930971	10.33670	.2340701	.3250384

#1	.0120161	-.018495	.4322416	-.067550	.0127170	266.5544	1.511241
#2	.0061615	-.019928	.4315158	-.066436	.0117874	266.9111	1.516519
#3	.0128107	-.017966	.4421712	-.063788	.0144320	267.7706	1.521090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146632	.0091014	62.93730	.3289409	.3393642	.4453984	436.0254
Stddev	.0000107	.0003539	.19456	.0009092	.0026295	.0043659	.9868
%RSD	.0731996	3.888394	.3091408	.2764097	.7748373	.9802277	.2263148

#1	.0146558	.0087134	62.75297	.3285866	.3374296	.4440480	436.3800
#2	.0146755	.0094066	62.91824	.3282622	.3383048	.4418673	434.9103
#3	.0146582	.0091842	63.14070	.3299740	.3423582	.4502800	436.7859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.41969	116.4452	.6154211	-.027213	10.90720	.5729776	1.169925
Stddev	.03952	.1537	.0049030	.000213	.07658	.0029967	.007935
%RSD	.3460484	.1320276	.7966941	.7825070	.7021489	.5230086	.6782225

#1	11.41236	116.4944	.6112251	-.027318	10.83360	.5695842	1.177200
#2	11.38435	116.2729	.6142276	-.027353	10.98646	.5740877	1.161464
#3	11.46236	116.5684	.6208107	-.026968	10.90156	.5752609	1.171111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.21884	7.775342	-.312236	.0057601	3.503918	2.094548	.0168578
Stddev	.17445	.066900	.004752	.0005284	.016210	.007834	.0005910
%RSD	.8221419	.8604114	1.521829	9.173508	.4626195	.3739979	3.505536

#1	21.02544	7.736828	-.306775	.0063183	3.505289	2.087961	.0161803
#2	21.26678	7.736606	-.314499	.0056943	3.487066	2.092472	.0171261
#3	21.36431	7.852591	-.315433	.0052677	3.519398	2.103210	.0172670

Sample Name: K1013-01 Acquired: 01/23/2019 14:04:28 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.520569	.6522992	.2177794
Stddev	.000279	.0043516	.0004582
%RSD	.0061696	.6671232	.2104143

#1	4.520858	.6473288	.2179011
#2	4.520547	.6541456	.2172727
#3	4.520302	.6554233	.2181646

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.206	2796.035	60151.20	6218.498	3326.292
Stddev	13.026	13.215	231.69	4.191	20.498
%RSD	.4973396	.4726458	.3851806	.0673949	.6162489

#1	2604.802	2802.649	60035.04	6218.162	3341.282
#2	2630.160	2804.637	60000.57	6222.847	3334.659
#3	2622.657	2780.818	60418.00	6214.485	3302.933

Sample Name: K1013-03 Acquired: 01/23/2019 14:08:08 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0279723	-.008208	.6119737	-.038981	.0092211	157.6002	1.439866
Stddev	.0020313	.000381	.0012543	.000631	.0022900	.2479	.000291
%RSD	7.261990	4.637343	.2049635	1.619928	24.83484	.1573103	.0202110

#1	.0301548	-.008146	.6130163	-.038268	.0116629	157.3448	1.439740
#2	.0276251	-.008615	.6105817	-.039202	.0071213	157.6158	1.439660
#3	.0261369	-.007862	.6123230	-.039471	.0088791	157.8399	1.440199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097969	.0058046	33.38224	.2233281	.2142215	.3697858	289.5084
Stddev	.0000449	.0002169	.15366	.0009610	.0012023	.0030625	1.2833
%RSD	.4585615	3.735850	.4602999	.4303068	.5612606	.8281840	.4432602

#1	.0098281	.0058255	33.27551	.2241431	.2147777	.3672417	288.3202
#2	.0098172	.0055781	33.31287	.2235729	.2128417	.3689307	289.3358
#3	.0097454	.0060103	33.55836	.2222684	.2150450	.3731850	290.8693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.74458	57.80343	.3383043	-.016420	6.029293	.4219995	.9141940
Stddev	.04711	.21284	.0023910	.000164	.159633	.0068956	.0022536
%RSD	.4011064	.3682088	.7067478	1.000769	2.647628	1.634018	.2465077

#1	11.72328	57.72312	.3403539	-.016270	6.072389	.4288294	.9132910
#2	11.71188	57.64243	.3356776	-.016595	5.852537	.4150401	.9125321
#3	11.79857	58.04474	.3388815	-.016396	6.162955	.4221290	.9167591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.939450	7.362229	-.449693	.0055620	2.754469	1.753839	.0252458
Stddev	.062059	.042749	.004811	.0002859	.031119	.007727	.0018078
%RSD	.6243704	.5806546	1.069825	5.141114	1.129763	.4405957	7.160634

#1	10.00994	7.383667	-.454172	.0055173	2.786305	1.762404	.0233440
#2	9.91535	7.313003	-.450300	.0053011	2.724120	1.747391	.0269419
#3	9.89306	7.390017	-.444607	.0058677	2.752981	1.751723	.0254513

Sample Name: K1013-03 Acquired: 01/23/2019 14:08:08 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	2.534561	.3082812	.1744972
Stddev	.006480	.0022920	.0004725
%RSD	.2556617	.7434675	.2707597

#1	2.527141	.3059210	.1741066
#2	2.537436	.3084244	.1743626
#3	2.539106	.3104982	.1750223

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2613.567	2837.593	59626.37	6104.617	3491.678
Stddev	11.945	9.561	265.97	34.736	19.419
%RSD	.4570292	.3369252	.4460625	.5690071	.5561467

#1	2617.975	2830.601	59536.82	6070.783	3477.743
#2	2622.681	2848.488	59925.56	6140.190	3513.859
#3	2600.045	2833.690	59416.73	6102.879	3483.432

Sample Name: K1013-05 Acquired: 01/23/2019 14:11:48 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0120897	-.004307	.3201377	-.038286	.0064185	156.3240	.7766234
Stddev	.0015325	.001759	.0019131	.002491	.0006995	.3720	.0025058
%RSD	12.67591	40.85144	.5975727	6.505639	10.89887	.2379723	.3226495

#1	.0104565	-.006194	.3201760	-.035416	.0067827	156.5848	.7776241
#2	.0134962	-.002712	.3182057	-.039882	.0068609	155.8980	.7737719
#3	.0123165	-.004015	.3220313	-.039559	.0056120	156.4891	.7784742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076791	.0051563	90.94334	.2174694	.1793004	.7528956	271.4556
Stddev	.0000259	.0000273	.16923	.0007188	.0001323	.0032533	1.5117
%RSD	.3369579	.5294028	.1860805	.3305257	.0737628	.4321013	.5569031

#1	.0076789	.0051530	90.94030	.2166503	.1792700	.7525420	272.3261
#2	.0076533	.0051851	90.77565	.2179952	.1791860	.7498335	269.7100
#3	.0077051	.0051308	91.11406	.2177626	.1794452	.7563112	272.3308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907400	74.44306	.3451101	-.015727	10.09971	.5805224	.7492115
Stddev	.019449	.48565	.0008944	.000285	.18067	.0029497	.0035286
%RSD	.3963119	.6523735	.2591538	1.810194	1.788829	.5081074	.4709794

#1	4.910102	74.76546	.3449961	-.015792	9.96538	.5795791	.7460596
#2	4.886742	73.88450	.3442782	-.015974	10.30511	.5781597	.7485513
#3	4.925357	74.67922	.3460560	-.015416	10.02866	.5838283	.7530236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.26253	6.683935	-.039024	.0057374	8.603123	2.110476	.0190080
Stddev	.05184	.014829	.006994	.0002619	.056159	.005713	.0008986
%RSD	.3634900	.2218538	17.92298	4.564647	.6527780	.2707188	4.727341

#1	14.23707	6.692781	-.040204	.0055789	8.619693	2.108649	.0185339
#2	14.32218	6.666815	-.045354	.0055935	8.540543	2.116879	.0184457
#3	14.22834	6.692208	-.031515	.0060396	8.649133	2.105899	.0200443

Sample Name: K1013-05 Acquired: 01/23/2019 14:11:48 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.114205	.2178515	.2742553
Stddev	.023183	.0005217	.0002147
%RSD	.4533084	.2394730	.0782957

#1	5.121017	.2179251	.2744878
#2	5.088379	.2172969	.2740644
#3	5.133219	.2183324	.2742136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.492	2706.947	57777.62	6002.793	3412.907
Stddev	17.222	7.029	173.28	7.774	8.982
%RSD	.6832636	.2596703	.2999082	.1295136	.2631740

#1	2514.050	2704.591	57830.31	6009.008	3407.821
#2	2540.006	2714.852	57918.44	5994.075	3423.278
#3	2507.420	2701.399	57584.11	6005.296	3407.623

Sample Name: K1013-07 Acquired: 01/23/2019 14:15:25 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0137620	-.004938	.3088644	-.042420	.0109715	137.6008	1.181768
Stddev	.0021376	.001571	.0032888	.003872	.0010675	.6018	.003193
%RSD	15.53247	31.81473	1.064803	9.128518	9.729715	.4373640	.2702248

#1	.0162285	-.006452	.3114031	-.046747	.0115158	137.8484	1.184114
#2	.0124486	-.003316	.3100410	-.039281	.0097415	138.0393	1.183058
#3	.0126089	-.005046	.3051492	-.041232	.0116571	136.9147	1.178131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084411	.0059206	142.8527	.1965550	.2304244	.4895891	297.2160
Stddev	.0000744	.0001098	.6277	.0014016	.0025677	.0059256	2.2053
%RSD	.8819688	1.854560	.4393927	.7130936	1.114338	1.210318	.7419792

#1	.0085266	.0060263	143.0180	.1976271	.2326565	.4900088	297.3069
#2	.0083910	.0058071	143.3812	.1970689	.2309985	.4952936	299.3744
#3	.0084055	.0059284	142.1589	.1949689	.2276183	.4834648	294.9667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.319597	124.3197	.3644711	-.017096	8.454114	.4748033	.8031437
Stddev	.053776	.6733	.0040546	.000466	.076826	.0034274	.0037830
%RSD	.5770226	.5416103	1.112469	2.727130	.9087406	.7218603	.4710174

#1	9.319137	124.4312	.3686730	-.017632	8.399388	.4723754	.8071899
#2	9.373602	124.9302	.3641583	-.016784	8.421013	.4787239	.8025462
#3	9.266052	123.5975	.3605819	-.016872	8.541943	.4733106	.7996951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.92705	8.013181	-.370957	.0046680	12.63876	2.756354	.0153394
Stddev	.05321	.089231	.003269	.0002069	.15425	.004881	.0005407
%RSD	.3820672	1.113558	.8813028	4.431906	1.220450	.1770828	3.524740

#1	13.96732	8.096800	-.367813	.0049024	12.79923	2.751220	.0152142
#2	13.86673	8.023508	-.370720	.0045108	12.62545	2.760935	.0148723
#3	13.94711	7.919236	-.374339	.0045908	12.49159	2.756907	.0159317

Sample Name: K1013-07 Acquired: 01/23/2019 14:15:25 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.400761	.3641698	.2492915
Stddev	.023298	.0004484	.0009868
%RSD	.5294034	.1231315	.3958382

#1	4.411841	.3640463	.2502960
#2	4.416451	.3646670	.2492549
#3	4.373991	.3637961	.2483235

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.645	2746.633	58043.34	5954.753	3470.543
Stddev	18.752	26.488	322.33	19.901	44.447
%RSD	.7475037	.9643828	.5553208	.3341973	1.280684

#1	2487.002	2718.826	57718.33	5931.967	3425.811
#2	2518.893	2749.506	58048.78	5963.575	3471.120
#3	2520.040	2771.568	58362.91	5968.719	3514.698

Sample Name: K1013-08 Acquired: 01/23/2019 14:19:04 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.001729	-.003637	.0003412	.0016415	-.001529	.1263034	.3125570
Stddev	.003044	.000450	.0009437	.0027284	.001910	.0022426	.0018884
%RSD	176.0409	12.38172	276.5858	166.2163	124.9129	1.775542	.6041781

#1	-.003288	-.004023	-.000021	-.001436	.000508	.1288548	.3143374
#2	.001778	-.003142	.001412	.002596	-.001815	.1246442	.3127570
#3	-.003678	-.003745	-.000368	.003764	-.003279	.1254113	.3105765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000274	.0003583	36.67595	.0011339	.0054910	.0059584	.1146077
Stddev	.000024	.0000596	.04811	.0003762	.0002755	.0061510	.0046372
%RSD	8.671131	16.63189	.1311780	33.18206	5.016637	103.2329	4.046135

#1	-.000248	.0004161	36.72256	.0007086	.0053952	-.001140	.1145052
#2	-.000294	.0003617	36.62646	.0014235	.0052761	.009731	.1100226
#3	-.000282	.0002971	36.67883	.0012695	.0058015	.009284	.1192953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.844515	12.87827	.0070540	.0002981	287.5711	.0019388	.0252180
Stddev	.009031	.15486	.0004791	.0002240	.9443	.0035494	.0005269
%RSD	.4895981	1.202480	6.791453	75.15648	.3283827	183.0749	2.089582

#1	1.837421	12.95801	.0075855	.0005362	288.6604	-.000753	.0256988
#2	1.841442	12.69979	.0069212	.0002667	286.9829	.005961	.0253005
#3	1.854681	12.97701	.0066554	.0000914	287.0701	.000608	.0246547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9490720	.0038512	.0157687	.0002125	.2243417	1.131648	-.000981
Stddev	.0648217	.0015953	.0006035	.0000798	.0083717	.008941	.001015
%RSD	6.830010	41.42508	3.827477	37.54133	3.731667	.7901012	103.5098

#1	1.018255	.0056887	.0156318	.0002042	.2336230	1.140686	-.001620
#2	.889740	.0030449	.0152453	.0001373	.2220418	1.122808	-.001512
#3	.939221	.0028198	.0164289	.0002962	.2173604	1.131449	.000190

Sample Name: K1013-08 Acquired: 01/23/2019 14:19:04 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0016779	-.000551	.0799055
Stddev	.0016561	.000211	.0005899
%RSD	98.69676	38.30899	.7382680

#1	-.000234	-.000310	.0805448
#2	.002588	-.000702	.0797896
#3	.002680	-.000640	.0793822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.034	2359.777	48615.89	4912.477	3598.099
Stddev	24.001	44.231	549.04	36.992	67.702
%RSD	1.127854	1.874384	1.129343	.7530166	1.881603

#1	2100.784	2310.458	48046.46	4871.104	3521.787
#2	2137.285	2372.943	48659.23	4942.360	3621.558
#3	2146.033	2395.931	49141.97	4923.968	3650.950

Sample Name: CCV03 Acquired: 01/23/2019 14:22:54 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.109761	5.155224	4.933840	5.008086	5.249322	10.19235
Stddev	.073435	.072912	.076310	.081804	.079219	.03778
%RSD	1.437152	1.414328	1.546666	1.633447	1.509125	.3706788

#1	5.172931	5.220826	5.003001	5.081609	5.319500	10.21081
#2	5.029187	5.076724	4.851976	4.919966	5.163420	10.21734
#3	5.127164	5.168122	4.946543	5.022684	5.265044	10.14888

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51932	.2387133	2.352866	27.10431	.9856639	2.489718
Stddev	.04160	.0008995	.033384	.10117	.0018378	.037575
%RSD	.3954756	.3767957	1.418865	.3732590	.1864553	1.509202

#1	10.55265	.2391897	2.381725	27.08317	.9877424	2.522797
#2	10.53261	.2376759	2.316303	27.21438	.9849952	2.448863
#3	10.47270	.2392745	2.360569	27.01538	.9842540	2.497494

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.268058	5.004969	2.524463	25.59237	2.522643	1.237478
Stddev	.008293	.044944	.017204	.05397	.039409	.007421
%RSD	.6539909	.8979855	.6814901	.2108897	1.562224	.5996700

#1	1.271973	5.001846	2.544133	25.53274	2.554201	1.246045
#2	1.273668	5.051393	2.512224	25.63788	2.478471	1.233039
#3	1.258532	4.961668	2.517031	25.60648	2.535256	1.233351

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.24465	2.551925	2.573167	26.14773	F 5.622138	4.792692
Stddev	.23524	.002882	.007001	.08556	.088416	.020895
%RSD	.8963488	.1129311	.2720838	.3272080	1.572638	.4359813

#1	26.51382	2.555216	2.579622	26.21411	5.695097	4.801569
#2	26.07841	2.549853	2.574154	26.05117	5.523811	4.768824
#3	26.14172	2.550706	2.565724	26.17791	5.647506	4.807683

Sample Name: CCV03 Acquired: 01/23/2019 14:22:54 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.085695	4.851809	4.746417	4.927567	5.093463	5.082871
Stddev	.070003	.064609	.015221	.075459	.019229	.014235
%RSD	1.376468	1.331645	.3206880	1.531372	.3775326	.2800493
#1	5.147620	4.907623	4.747428	4.991741	5.111631	5.096320
#2	5.009740	4.781031	4.730716	4.844437	5.095434	5.084330
#3	5.099725	4.866772	4.761108	4.946523	5.073324	5.067964

Elem	Sr4077
Units	ppm
Avg	4.961256
Stddev	.011982
%RSD	.2415150
#1	4.949500
#2	4.960817
#3	4.973452

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.329	2310.622	48110.25	4896.515	3531.549
Stddev	8.323	30.538	126.35	7.009	48.554
%RSD	.3895980	1.321636	.2626310	.1431383	1.374868
#1	2127.195	2285.342	47973.36	4898.714	3490.505
#2	2138.307	2344.552	48222.41	4902.160	3585.147
#3	2143.484	2301.971	48134.98	4888.670	3518.993

Sample Name: CCB03 Acquired: 01/23/2019 14:26:24 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.001190	-.000737	-.000233	.0020886	-.000789	.0025804	-.004233
Stddev	.004760	.001924	.001769	.0023877	.000441	.0028270	.000412
%RSD	399.9268	260.8781	760.3741	114.3191	55.91167	109.5568	9.738302

#1	-.006014	-.001466	.001600	.0020561	-.000406	.0057338	-.004617
#2	-.001061	.001444	-.000369	-.000283	-.001272	.0002731	-.004285
#3	.003504	-.002190	-.001929	.004492	-.000691	.0017343	-.003797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0000920	.0171042	-.000100	.0001373	.0016808	.0252319
Stddev	.000025	.0000291	.0125587	.000315	.0001387	.0011195	.0161206
%RSD	59.62232	31.60565	73.42438	316.3532	100.9803	66.60600	63.88980

#1	-.000024	.0000713	.0314819	.000256	.0001138	.0005521	.0123400
#2	-.000031	.0001252	.0115531	-.000344	.0000119	.0027908	.0433064
#3	-.000070	.0000795	.0082777	-.000210	.0002862	.0016994	.0200493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014297	-.007695	-.000046	.0006214	-.426359	.0031274	-.000906
Stddev	.0005979	.051793	.000154	.0006474	.045438	.0029555	.000185
%RSD	41.82346	673.0736	336.5156	104.1878	10.65726	94.50190	20.45563

#1	.0009509	-.066192	.000117	-.000083	-.440060	.0049543	-.000755
#2	.0012383	.032327	-.000066	.001191	-.375647	.0047104	-.000849
#3	.0020999	.010780	-.000188	.000756	-.463371	-.000282	-.001113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220767	-.002631	.0024182	.0002990	-.001248	.0033481	-.000657
Stddev	.0366518	.001040	.0006637	.0001772	.003920	.0002985	.001016
%RSD	166.0204	39.53508	27.44737	59.24718	314.0614	8.914616	154.6765

#1	-.014119	-.001991	.0025914	.0004293	-.005526	.0035058	-.000778
#2	.059168	-.003831	.0029782	.0000973	-.000391	.0030039	-.001607
#3	.021180	-.002071	.0016851	.0003705	.002172	.0035347	.000414

Sample Name: CCB03 Acquired: 01/23/2019 14:26:24 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0017304	-.003724	.0000132
Stddev	.0013305	.001210	.0000809
%RSD	76.89064	32.50322	614.0228

#1	.0012017	-.002511	.0000822
#2	.0032441	-.004932	-.000076
#3	.0007456	-.003730	.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.899	2350.831	48165.28	4921.633	3638.917
Stddev	.565	6.639	172.25	23.040	13.608
%RSD	.0261029	.2824208	.3576281	.4681434	.3739697

#1	2163.490	2355.669	48125.62	4925.090	3644.997
#2	2162.365	2353.562	48016.32	4942.750	3648.427
#3	2162.842	2343.262	48353.90	4897.060	3623.329

Sample Name: K1201-01 Acquired: 01/23/2019 14:30:16 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.001294	-.004932	.0024155	.0022886	.0001970	.0642034	.4715759
Stddev	.001375	.001658	.0002414	.0019609	.0015503	.0130960	.0066318
%RSD	106.3037	33.60650	9.996143	85.68247	787.0941	20.39765	1.406300

#1	-.000036	-.005191	.0025356	.0039977	-.001507	.0574375	.4641406
#2	-.002762	-.006445	.0025733	.0001478	.001525	.0792984	.4768803
#3	-.001083	-.003160	.0021375	.0027204	.000573	.0558744	.4737068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000276	.0008424	59.08756	.0008577	.0148209	.0056974	1.647159
Stddev	.0000318	.0000801	.65833	.0000809	.0001089	.0021804	.031803
%RSD	115.3329	9.506225	1.114152	9.433654	.7345504	38.27092	1.930767

#1	.0000270	.0007577	58.48334	.0009015	.0147603	.0044632	1.613395
#2	-.000004	.0009169	59.78915	.0009073	.0147558	.0044140	1.676548
#3	.000060	.0008526	58.99020	.0007643	.0149466	.0082150	1.651535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4403693	19.90362	.0167379	.0000744	344.8628	.0015471	.3576769
Stddev	.0028420	.25791	.0003808	.0002579	4.1590	.0038225	.0018222
%RSD	.6453742	1.295770	2.274906	346.8070	1.205989	247.0810	.5094571

#1	.4387081	19.62278	.0163551	.0000693	340.3602	.0015147	.3557079
#2	.4436509	20.12985	.0171167	-.000181	348.5606	.0053857	.3593038
#3	.4387488	19.95824	.0167420	.000335	345.6676	-.002259	.3580190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.935845	.0105689	.0857215	.0004887	2.452869	7.712417	-.001721
Stddev	.121698	.0042546	.0016690	.0001207	.032654	.081304	.001061
%RSD	1.361910	40.25528	1.947054	24.69012	1.331241	1.054196	61.68234

#1	8.804442	.0074468	.0848078	.0003758	2.439474	7.671613	-.002543
#2	9.044679	.0088451	.0876479	.0006159	2.429044	7.806043	-.000523
#3	8.958412	.0154149	.0847088	.0004746	2.490091	7.659597	-.002096

Sample Name: K1201-01 Acquired: 01/23/2019 14:30:16 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0003116	.0336845	.2417347
Stddev	.0017657	.0039516	.0034381
%RSD	566.6980	11.73132	1.422251

#1	-.001468	.0294712	.2377786
#2	.002063	.0342741	.2439998
#3	.000340	.0373082	.2434257

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.002	2192.829	46537.24	4778.697	3317.631
Stddev	2.647	14.207	110.95	34.971	24.639
%RSD	.1297969	.6478985	.2384132	.7318189	.7426699

#1	2038.824	2203.228	46410.93	4809.235	3331.311
#2	2041.733	2198.619	46618.97	4740.547	3332.396
#3	2036.449	2176.641	46581.81	4786.311	3289.188

Sample Name: K1202-01 Acquired: 01/23/2019 14:34:05 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0771715	-.003308	-.000185	.0023553	.0074286	.0593742	.0322247
Stddev	.0030108	.001572	.000177	.0016161	.0012580	.0020359	.0005407
%RSD	3.901489	47.51930	95.27040	68.61519	16.93454	3.428994	1.677891

#1	.0801187	-.001826	.000009	.0041697	.0068298	.0613435	.0327083
#2	.0741009	-.003142	-.000229	.0010704	.0065819	.0595016	.0316410
#3	.0772950	-.004957	-.000336	.0018258	.0088742	.0572776	.0323249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000165	.0001483	3.846211	.0154869	-.000210	.0314405	.0438448
Stddev	.000039	.0000222	.046265	.0001087	.000147	.0026591	.0099229
%RSD	23.52234	14.99950	1.202884	.7015845	70.18639	8.457555	22.63184

#1	-.000142	.0001730	3.890695	.0153661	-.000355	.0321470	.0362211
#2	-.000144	.0001299	3.798349	.0155181	-.000213	.0336750	.0402490
#3	-.000210	.0001420	3.849588	.0155766	-.000061	.0284995	.0550643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0265110	1.157876	.0044665	.0005201	362.0124	.0019020	.1516253
Stddev	.0024493	.042275	.0002790	.0003440	2.1084	.0010894	.0017427
%RSD	9.238934	3.651040	6.246656	66.14834	.5824084	57.27597	1.149351

#1	.0256643	1.139055	.0047109	.0007940	363.7932	.0020352	.1533447
#2	.0245973	1.206293	.0045261	.0006322	362.5596	.0007521	.1516710
#3	.0292713	1.128281	.0041625	.0001340	359.6843	.0029186	.1498602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.348038	342.8292	.0646471	.0010646	2.152831	.0512515	.0000155
Stddev	.050487	4.0573	.0006231	.0003264	.022572	.0010667	.0003257
%RSD	1.161137	1.183466	.9638674	30.65929	1.048498	2.081290	2106.067

#1	4.404404	344.8732	.0650078	.0013913	2.175307	.0522330	.0002184
#2	4.306967	345.4580	.0639276	.0010641	2.153021	.0514051	-.000360
#3	4.332745	338.1564	.0650060	.0007385	2.130164	.0501163	.000188

Sample Name: K1202-01 Acquired: 01/23/2019 14:34:05 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0020829	-.000299	.0237610
Stddev	.0018412	.001258	.0001095
%RSD	88.39422	420.9420	.4606767

#1	.0041988	-.001176	.0236940
#2	.0012047	-.000863	.0238873
#3	.0008453	.001143	.0237017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.419	2235.066	46847.19	4773.305	3402.822
Stddev	13.189	28.278	227.60	36.064	42.237
%RSD	.6432146	1.265192	.4858419	.7555392	1.241221

#1	2035.218	2211.738	46690.39	4743.941	3368.243
#2	2058.822	2226.944	47108.24	4762.415	3390.327
#3	2057.216	2266.516	46742.93	4813.559	3449.897

Sample Name: K1203-01 Acquired: 01/23/2019 14:37:56 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.004132	-.004878	.0004080	.0010577	-.001522	.0147463	.1279896
Stddev	.002200	.000715	.0004919	.0006402	.002196	.0087509	.0005620
%RSD	53.22552	14.66011	120.5660	60.53154	144.2320	59.34290	.4391266

#1	-.002700	-.004552	.0000190	.0008419	.000511	.0053195	.1276362
#2	-.003032	-.005698	.0009608	.0017779	-.001228	.0226108	.1286377
#3	-.006665	-.004384	.0002441	.0005532	-.003851	.0163086	.1276949

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000392	.0004201	.3232116	.0006136	.0038713	.0116157	.1547740
Stddev	.000018	.0000379	.0092466	.0001011	.0001792	.0012706	.0186455
%RSD	4.586754	9.022851	2.860836	16.47723	4.628189	10.93903	12.04690

#1	-.000388	.0003836	.3316761	.0006364	.0038385	.0120616	.1761748
#2	-.000412	.0004176	.3246153	.0005030	.0040646	.0126033	.1461126
#3	-.000377	.0004593	.3133435	.0007013	.0037108	.0101822	.1420347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067882	.0272455	.0032376	.0002978	319.0447	-.000195	.1287549
Stddev	.0009811	.0394915	.0003726	.0007430	2.9890	.002631	.0011368
%RSD	14.45260	144.9465	11.50939	249.4722	.9368453	1352.122	.8828956

#1	.0064821	-.018212	.0032850	.0003721	319.6347	-.002930	.1289108
#2	.0078858	.053107	.0035842	.0010009	321.6947	.002317	.1298057
#3	.0059967	.046841	.0028435	-.000480	315.8047	.000029	.1275482

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1343743	.0247956	.0179805	.0003221	.1684696	.0156369	-.001390
Stddev	.0591680	.0024853	.0009130	.0003067	.0049045	.0015764	.000553
%RSD	44.03225	10.02301	5.077992	95.20818	2.911222	10.08124	39.80731

#1	.1069036	.0262828	.0186799	.0005134	.1679311	.0174431	-.001165
#2	.0939352	.0219265	.0183141	.0004845	.1638565	.0149293	-.000985
#3	.2022842	.0261776	.0169476	-.000032	.1736211	.0145383	-.002021

Sample Name: K1203-01 Acquired: 01/23/2019 14:37:56 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0024136	-.001237	.0020698
Stddev	.0008939	.001005	.0000583
%RSD	37.03589	81.22282	2.817034

#1	.0014019	-.001486	.0021371
#2	.0030965	-.002093	.0020361
#3	.0027425	-.000131	.0020362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.579	2233.054	47221.64	4833.975	3409.591
Stddev	12.554	30.211	27.16	29.092	42.140
%RSD	.6060171	1.352890	.0575224	.6018294	1.235929

#1	2060.888	2253.866	47220.41	4830.868	3436.193
#2	2068.447	2246.894	47195.12	4806.560	3431.575
#3	2085.403	2198.402	47249.40	4864.496	3361.005

Sample Name: K1200-01 Acquired: 01/23/2019 14:41:49 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0277792	.0006911	.0373537	-.012324	.0026242	37.31347	.1365960
Stddev	.0007287	.0014274	.0009816	.000174	.0005914	.07181	.0003321
%RSD	2.623285	206.5358	2.627708	1.413870	22.53582	.1924556	.2431209

#1	.0273354	.0022845	.0363260	-.012173	.0024500	37.23343	.1363587
#2	.0273821	-.000471	.0374536	-.012515	.0032832	37.33473	.1369755
#3	.0286203	.000260	.0382815	-.012284	.0021396	37.37226	.1364539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017617	.0023495	32.62714	.0544817	.0647416	.3529522	110.9804
Stddev	.0000749	.0001121	.17778	.0006635	.0008682	.0004107	.5069
%RSD	4.248425	4.772930	.5448910	1.217811	1.341021	.1163673	.4567241

#1	.0016830	.0024730	32.42410	.0551185	.0657019	.3525849	110.4277
#2	.0018319	.0022541	32.70246	.0537944	.0640121	.3528760	111.0899
#3	.0017704	.0023215	32.75487	.0545322	.0645108	.3533957	111.4236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.519816	15.89244	.0642955	-.005575	10.45807	.3886274	1.200260
Stddev	.006719	.14427	.0008554	.000100	.14417	.0082930	.002630
%RSD	.4420866	.9078023	1.330447	1.800327	1.378563	2.133918	.2191052

#1	1.512793	15.75187	.0651507	-.005493	10.29964	.3828215	1.203034
#2	1.520473	16.04015	.0634399	-.005687	10.49297	.3849354	1.197803
#3	1.526183	15.88530	.0642959	-.005545	10.58158	.3981252	1.199943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.494423	1.218441	.0011481	.0051014	2.575100	47.27301	.0057553
Stddev	.026869	.016669	.0003255	.0002236	.022379	.08871	.0001657
%RSD	.4890219	1.368021	28.35415	4.382602	.8690585	.1876630	2.879322

#1	5.510661	1.237273	.0012776	.0051876	2.598850	47.36378	.0059423
#2	5.463409	1.205583	.0013889	.0048475	2.554406	47.18651	.0056267
#3	5.509200	1.212467	.0007777	.0052690	2.572045	47.26874	.0056968

Sample Name: K1200-01 Acquired: 01/23/2019 14:41:49 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	1.367335	.0202705	.2493595
Stddev	.007165	.0004173	.0005851
%RSD	.5240172	2.058663	.2346529

#1	1.360358	.0202728	.2500151
#2	1.374674	.0198521	.2488901
#3	1.366973	.0206867	.2491734

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.988	2497.919	51354.50	5267.036	3621.835
Stddev	5.399	26.463	69.17	19.700	43.317
%RSD	.2407909	1.059396	.1346950	.3740249	1.195984

#1	2241.150	2468.725	51293.28	5251.616	3573.426
#2	2247.757	2520.331	51429.54	5289.229	3656.937
#3	2237.058	2504.700	51340.70	5260.262	3635.143

Sample Name: K1202-04 Acquired: 01/23/2019 14:45:36 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.007307	-.006465	-.001828	.0031868	-.001144	.0045106	.0260988
Stddev	.003406	.002332	.001364	.0012163	.001560	.0090073	.0003440
%RSD	46.61709	36.07834	74.62728	38.16869	136.3619	199.6940	1.317930

#1	-.010309	-.003946	-.003400	.0019749	-.002663	-.000311	.0257026
#2	-.008005	-.006899	-.001116	.0031780	-.001223	-.001060	.0262726
#3	-.003605	-.008549	-.000966	.0044075	.000454	.014902	.0263211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000373	.0001098	3.040573	-.000385	-.000219	.0042279	4.610240
Stddev	.000059	.0000492	.018844	.000246	.000198	.0048853	.041214
%RSD	15.73062	44.83644	.6197460	63.81483	90.48637	115.5501	.8939606

#1	-.000314	.0001048	3.025600	-.000102	-.000431	.0026730	4.655521
#2	-.000432	.0001613	3.034386	-.000541	-.000188	.0097014	4.600280
#3	-.000374	.0000633	3.061732	-.000514	-.000038	.0003093	4.574919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692651	1.632311	-.001328	-.000224	8.359903	.0012325	.0458242
Stddev	.0009481	.053630	.000410	.000148	.115868	.0009627	.0007100
%RSD	1.368777	3.285519	30.85681	65.93088	1.385992	78.11041	1.549420

#1	.0695862	1.573721	-.001789	-.000298	8.242091	.0016261	.0453182
#2	.0700110	1.644239	-.001189	-.000320	8.363896	.0001353	.0466359
#3	.0681982	1.678972	-.001005	-.000054	8.473723	.0019359	.0455187

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4114158	.0065891	.0072641	.0002399	2.744060	.8114322	-.002577
Stddev	.0399473	.0009218	.0011547	.0000777	.010709	.0054787	.000204
%RSD	9.709705	13.99000	15.89556	32.39216	.3902642	.6751847	7.899686

#1	.4409447	.0069292	.0080558	.0001661	2.756343	.8060821	-.002641
#2	.4273404	.0072925	.0077973	.0003209	2.739162	.8170310	-.002741
#3	.3659623	.0055455	.0059392	.0002326	2.736676	.8111835	-.002349

Sample Name: K1202-04 Acquired: 01/23/2019 14:45:36 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000498	-.001890	.0220278
Stddev	.000866	.001462	.0000804
%RSD	174.0628	77.38552	.3647662

#1	.000110	-.001415	.0221202
#2	-.000113	-.003530	.0219886
#3	-.001489	-.000724	.0219745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.646	2320.770	47763.99	4917.427	3646.199
Stddev	13.247	6.080	308.70	31.975	12.537
%RSD	.6309023	.2619973	.6463109	.6502449	.3438303

#1	2086.880	2313.760	47542.01	4895.120	3632.452
#2	2098.731	2324.614	47633.44	4903.100	3657.002
#3	2113.326	2323.935	48116.52	4954.060	3649.142

Sample Name: K1202-06 Acquired: 01/23/2019 14:49:31 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.104496	-.420350	.0111390	.0686664	-.041106	.4572191	.0333516
Stddev	.002198	.003467	.0006795	.0058361	.000680	.0502297	.0008563
%RSD	2.102968	.8247233	6.100211	8.499239	1.654219	10.98592	2.567554

#1	-.103438	-.416570	.0119202	.0706217	-.041642	.4966901	.0341524
#2	-.103027	-.421099	.0108118	.0621037	-.040341	.4742879	.0334537
#3	-.107022	-.423381	.0106850	.0732738	-.041336	.4006793	.0324489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127953	-.002981	2.093999	-.010328	.0155034	.1662820	.6078402
Stddev	.0003428	.000043	.016718	.000252	.0007402	.0029869	.0086449
%RSD	2.678732	1.446426	.7983554	2.436835	4.774158	1.796285	1.422231

#1	.0125078	-.002946	2.097416	-.010212	.0163218	.1628379	.6139131
#2	.0127035	-.002968	2.108743	-.010617	.0153074	.1681622	.6116649
#3	.0131746	-.003029	2.075836	-.010155	.0148810	.1678459	.5979427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0831917	-.280295	-.001662	.0045684	358.2197	-1.37773	.4272531
Stddev	.0011822	.034178	.000423	.0002723	3.5043	.00759	.0065185
%RSD	1.421063	12.19357	25.47581	5.961361	.9782423	.5508389	1.525677

#1	.0834871	-.277536	-.001883	.0043900	361.0841	-1.37031	.4345359
#2	.0818898	-.315769	-.001930	.0048819	359.2627	-1.38548	.4219649
#3	.0841982	-.247581	-.001174	.0044334	354.3124	-1.37738	.4252586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1092.529	13.38387	26.53444	79.74051	6.915288	5.290843	.2683963
Stddev	9.347	.23575	.28559	.37669	.124840	.060263	.0163361
%RSD	.8555632	1.761420	1.076310	.4723908	1.805271	1.138999	6.086552

#1	1100.883	13.15347	26.82356	79.55572	6.798217	5.350706	.2849740
#2	1094.270	13.37353	26.52726	79.49191	6.900985	5.291634	.2679018
#3	1082.434	13.62462	26.25251	80.17391	7.046664	5.230188	.2523131

Sample Name: K1202-06 Acquired: 01/23/2019 14:49:31 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0125626	.0173101	.0537800
Stddev	.0001571	.0004021	.0004562
%RSD	1.250283	2.322753	.8482812

#1	.0124898	.0169378	.0542871
#2	.0124552	.0172562	.0536500
#3	.0127429	.0177365	.0534029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.803	1784.342	43880.47	4868.442	3167.005
Stddev	19.027	6.983	502.11	48.315	50.384
%RSD	1.108271	.3913324	1.144263	.9924108	1.590916

#1	1695.872	1785.805	43300.81	4824.491	3214.514
#2	1733.051	1790.477	44180.51	4860.658	3172.331
#3	1721.486	1776.744	44160.10	4920.176	3114.168

Sample Name: K1204-01 Acquired: 01/23/2019 14:53:18 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.005753	-.008967	-.002118	.0013855	.0028670	.0103357	.0548377
Stddev	.001133	.001021	.001239	.0026416	.0007433	.0135491	.0004073
%RSD	19.70096	11.38149	58.50486	190.6686	25.92674	131.0908	.7426453

#1	-.006653	-.007916	-.002104	.0021506	.0035815	.0136010	.0544968
#2	-.006127	-.009954	-.000886	-.001554	.0020979	.0219537	.0552886
#3	-.004480	-.009029	-.003364	.003560	.0029217	-.004548	.0547276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000311	.0002620	3.081118	-.000766	.0005325	.0063916	14.99208
Stddev	.000074	.0000308	.023368	.000218	.0002338	.0007109	.13659
%RSD	23.72888	11.77692	.7584259	28.42385	43.89784	11.12272	.9110840

#1	-.000312	.0002938	3.064574	-.001016	.0002693	.0058638	14.86667
#2	-.000237	.0002322	3.107850	-.000661	.0007158	.0072000	15.13762
#3	-.000384	.0002600	3.070929	-.000620	.0006125	.0061110	14.97194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5342858	.9456752	.0004423	-.000937	24.67685	.0019782	.0942966
Stddev	.0101046	.0151928	.0001646	.000299	.42582	.0015531	.0007330
%RSD	1.891235	1.606558	37.22430	31.91867	1.725603	78.50951	.7772821

#1	.5246300	.9342209	.0004007	-.000892	24.52275	.0002332	.0935253
#2	.5447861	.9629098	.0006238	-.001255	25.15827	.0024927	.0943806
#3	.5334411	.9398949	.0003025	-.000662	24.34953	.0032088	.0949839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.051265	.0033148	.0640352	.0018621	1.012891	.4006566	.0005889
Stddev	.022905	.0016793	.0020510	.0003430	.005994	.0046877	.0001842
%RSD	2.178851	50.66034	3.202928	18.41957	.5917832	1.170003	31.27349

#1	1.055575	.0044912	.0658387	.0020605	1.006852	.4009445	.0005622
#2	1.026511	.0040616	.0644627	.0020597	1.012981	.4051937	.0007849
#3	1.071710	.0013917	.0618041	.0014660	1.018840	.3958315	.0004195

Sample Name: K1204-01 Acquired: 01/23/2019 14:53:18 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0010971	-.001821	.0219575
Stddev	.0001758	.000986	.0003314
%RSD	16.02716	54.13983	1.509299

#1	.0008994	-.002161	.0223339
#2	.0012361	-.000710	.0217096
#3	.0011557	-.002593	.0218290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.616	2243.976	46504.64	4782.510	3534.869
Stddev	6.329	10.107	202.36	21.486	11.815
%RSD	.3096786	.4504233	.4351438	.4492543	.3342550

#1	2047.796	2235.997	46270.99	4782.320	3529.695
#2	2046.716	2255.342	46619.31	4761.120	3548.389
#3	2036.335	2240.590	46623.63	4804.090	3526.523

Sample Name: K1200-02 Acquired: 01/23/2019 14:57:11 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0012500	-.001890	.0016387	.0005095	.0016314	.7220409	.0053601
Stddev	.0028717	.000422	.0002829	.0013633	.0002967	.0176005	.0005330
%RSD	229.7444	22.32937	17.26407	267.5586	18.18722	2.437604	9.943003

#1	.0040208	-.001990	.0019146	.0019371	.0019180	.7418950	.0048857
#2	.0014420	-.002253	.0016523	-.000779	.0013255	.7083535	.0059368
#3	-.001713	-.001427	.0013493	.000371	.0016506	.7158744	.0052577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000102	.0001579	3.065748	.0004290	.0054153	.0212174	1.747983
Stddev	.0000234	.0000278	.014360	.0004662	.0002229	.0047607	.040525
%RSD	229.5679	17.59494	.4684040	108.6673	4.115577	22.43786	2.318398

#1	.0000062	.0001322	3.063845	-.000079	.0051789	.0247241	1.791892
#2	.0000353	.0001542	3.052433	.000530	.0056216	.0231304	1.740041
#3	-.000011	.0001874	3.080964	.000836	.0054455	.0157978	1.712018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1341656	.9848313	.0027930	.0007123	.5691557	-.000618	.1047195
Stddev	.0015025	.0308090	.0002119	.0004426	.1786657	.000861	.0009042
%RSD	1.119906	3.128351	7.585342	62.13827	31.39135	139.3051	.8634434

#1	.1340553	.9540561	.0025501	.0003278	.7625804	.000317	.1047275
#2	.1327213	1.015674	.0028895	.0011962	.4103016	-.000793	.1038113
#3	.1357203	.984764	.0029395	.0006130	.5345852	-.001379	.1056196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3644254	.0253759	.0370994	.0011331	.2298639	1.307454	-.000242
Stddev	.0120904	.0011132	.0012504	.0000411	.0026122	.019765	.000739
%RSD	3.317656	4.386865	3.370394	3.630641	1.136394	1.511747	305.5772

#1	.3752513	.0260327	.0382163	.0011565	.2284220	1.318740	-.001053
#2	.3666465	.0260044	.0357486	.0011573	.2282904	1.284632	.000395
#3	.3513785	.0240906	.0373334	.0010856	.2328792	1.318991	-.000068

Sample Name: K1200-02 Acquired: 01/23/2019 14:57:11 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0057226	-.006111	.0235140
Stddev	.0023342	.001240	.0001020
%RSD	40.78800	20.29859	.4337165

#1	.0083662	-.007435	.0235539
#2	.0048557	-.004976	.0233981
#3	.0039460	-.005922	.0235900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.877	2400.827	48864.13	4990.043	3697.772
Stddev	11.864	13.156	303.94	55.410	17.308
%RSD	.5383402	.5479622	.6220044	1.110405	.4680597

#1	2201.246	2407.388	49040.78	4954.790	3708.758
#2	2193.549	2409.412	48513.17	5053.910	3706.737
#3	2216.836	2385.681	49038.43	4961.430	3677.821

Sample Name: K1200-02DUP Acquired: 01/23/2019 15:01:03 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0005337	-.001485	.0009077	-.000086	-.000407	.7028181	.0049638
Stddev	.0005732	.000560	.0007753	.001515	.000655	.0081232	.0001797
%RSD	107.4106	37.69898	85.41514	1764.731	160.8952	1.155797	3.619891

#1	.0004276	-.001409	.0004931	.000311	.000349	.7118113	.0047564
#2	.0000209	-.000968	.0018021	-.001760	-.000775	.6960135	.0050609
#3	.0011525	-.002080	.0004278	.001192	-.000796	.7006295	.0050741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000261	.0001075	2.954074	.0001928	.0047764	.0223115	1.692623
Stddev	.0000309	.0000878	.035054	.0005676	.0000328	.0018929	.014832
%RSD	118.5381	81.69611	1.186647	294.4043	.6870928	8.484078	.8762825

#1	.0000595	.0001897	2.994427	.0003883	.0047395	.0217245	1.702455
#2	.0000204	.0001178	2.936648	.0006368	.0048022	.0244284	1.699852
#3	-.000002	.0000150	2.931147	-.000447	.0047876	.0207816	1.675563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254437	.9273352	.0028711	.0005808	.5334610	.0022771	.1005028
Stddev	.0033201	.0546284	.0001833	.0000494	.1235263	.0025415	.0010652
%RSD	2.646702	5.890898	6.382523	8.496918	23.15565	111.6119	1.059907

#1	.1292611	.9898016	.0027027	.0005257	.3927142	.0045752	.1011856
#2	.1232283	.8885044	.0030663	.0006210	.6238721	.0027084	.0992753
#3	.1238419	.9036996	.0028443	.0005956	.5837967	-.000452	.1010474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2669111	.0226160	.0285642	.0002202	.2209435	1.257899	-.001684
Stddev	.0228534	.0008503	.0009992	.0000371	.0006018	.016411	.000586
%RSD	8.562181	3.759825	3.497920	16.85574	.2723806	1.304599	34.77553

#1	.2419206	.0222946	.0296706	.0002468	.2204344	1.275963	-.001614
#2	.2720659	.0219733	.0277278	.0002360	.2216077	1.253825	-.001137
#3	.2867469	.0235802	.0282941	.0001778	.2207884	1.243909	-.002302

Sample Name: K1200-02DUP Acquired: 01/23/2019 15:01:03 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0040979	-.009093	.0230464
Stddev	.0013587	.001583	.0003031
%RSD	33.15705	17.40637	1.315140

#1	.0056429	-.010541	.0233327
#2	.0035619	-.009335	.0230776
#3	.0030890	-.007403	.0227289

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.715	2463.914	50004.09	5057.433	3800.019
Stddev	25.378	3.404	619.62	72.089	5.549
%RSD	1.123059	.1381717	1.239132	1.425403	.1460165

#1	2234.465	2459.987	49477.53	4982.260	3795.375
#2	2285.219	2465.727	50686.86	5064.060	3806.164
#3	2259.462	2466.028	49847.86	5125.980	3798.518

Sample Name: K1200-02LX5 Acquired: 01/23/2019 15:04:54 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0006736	-.001625	-.001039	.0012795	-.001315	.1479863	-.002673
Stddev	.0026184	.001624	.000651	.0013085	.000925	.0021178	.001161
%RSD	388.7223	99.93854	62.64343	102.2639	70.35281	1.431099	43.40986

#1	.0036650	-.000091	-.001780	-.000188	-.001714	.1478795	-.003982
#2	-.001202	-.001458	-.000780	.001701	-.000257	.1459238	-.002268
#3	-.000442	-.003325	-.000558	.002325	-.001973	.1501555	-.001770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	.0000412	.5777867	-.000006	.0011367	.0064005	.3407946
Stddev	.000053	.0000208	.0180247	.000574	.0002312	.0032456	.0052352
%RSD	276.1222	50.37599	3.119615	10089.36	20.34080	50.70875	1.536169

#1	-.000000	.0000579	.5971931	-.000185	.0009980	.0031083	.3419511
#2	-.000079	.0000180	.5615694	-.000469	.0010084	.0095975	.3350779
#3	.000022	.0000478	.5745976	.000637	.0014036	.0064958	.3453548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254376	.1798099	.0005635	.0007238	-.155759	-.000878	.0181549
Stddev	.0008837	.0532313	.0002473	.0001761	.207340	.001008	.0001697
%RSD	3.473941	29.60421	43.88348	24.33026	133.1154	114.8340	.9347645

#1	.0263330	.1223233	.0008123	.0009208	-.195687	.000269	.0181763
#2	.0245662	.1897108	.0003178	.0006690	-.340231	-.001278	.0179754
#3	.0254136	.2273957	.0005604	.0005816	.068640	-.001625	.0183128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1031942	.0018952	.0107753	.0001130	.0398361	.2528998	-.001749
Stddev	.0233291	.0010297	.0003001	.0001334	.0036828	.0010923	.000772
%RSD	22.60696	54.32988	2.784839	118.0839	9.244977	.4319133	44.14107

#1	.1124805	.0008341	.0111205	.0002548	.0439884	.2524915	-.002635
#2	.1204500	.0028903	.0105766	.0000944	.0385552	.2541374	-.001392
#3	.0766519	.0019612	.0106289	-.000010	.0369648	.2520704	-.001220

Sample Name: K1200-02LX5 Acquired: 01/23/2019 15:04:54 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0021563	-.006829	.0044969
Stddev	.0012365	.001069	.0000481
%RSD	57.34522	15.64764	1.068520

#1	.0027286	-.006707	.0045480
#2	.0007373	-.005826	.0044903
#3	.0030030	-.007953	.0044525

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.273	2640.689	52120.39	5179.097	4064.760
Stddev	26.313	30.005	683.29	32.980	52.200
%RSD	1.120533	1.136254	1.310993	.6367849	1.284214

#1	2318.855	2608.115	51403.61	5145.800	4007.344
#2	2356.404	2646.750	52193.19	5179.740	4077.580
#3	2369.562	2667.200	52764.37	5211.750	4109.356

Sample Name: CCV04 Acquired: 01/23/2019 15:17:15 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.039734	5.136698	4.892422	4.917369	5.201151	10.06197
Stddev	.012595	.020152	.024975	.007275	.010708	.02966
%RSD	.2499100	.3923200	.5104903	.1479383	.2058784	.2947750

#1	5.042527	5.127664	4.897507	4.914828	5.202877	10.09463
#2	5.025977	5.122642	4.865296	4.911706	5.189685	10.03671
#3	5.050698	5.159786	4.914464	4.925573	5.210891	10.05458

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46513	.2368633	2.315300	26.36449	.9670516	2.465069
Stddev	.00419	.0008525	.009559	.05051	.0042924	.008899
%RSD	.0400694	.3599264	.4128437	.1915947	.4438626	.3609985

#1	10.46434	.2359409	2.310242	26.30688	.9708148	2.464434
#2	10.46967	.2370266	2.309333	26.40118	.9679633	2.456505
#3	10.46139	.2376224	2.326325	26.38541	.9623766	2.474269

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.254908	4.910809	2.494362	24.90109	2.496402	1.206814
Stddev	.003143	.064238	.007020	.13207	.008312	.003602
%RSD	.2504571	1.308089	.2814267	.5303974	.3329707	.2984818

#1	1.252273	4.883197	2.486882	25.03949	2.495634	1.209745
#2	1.254065	4.984236	2.495395	24.88734	2.488500	1.207904
#3	1.258387	4.864995	2.500808	24.77642	2.505071	1.202793

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.66261	2.510972	2.528690	26.07385	F 5.620567	4.753805
Stddev	.34073	.007825	.019731	.13542	.017105	.020770
%RSD	1.327723	.3116406	.7803019	.5193886	.3043303	.4369137

#1	25.41910	2.502836	2.545352	26.09214	5.618474	4.735133
#2	25.51673	2.518444	2.533818	26.19919	5.604604	4.750106
#3	26.05199	2.511637	2.506901	25.93020	5.638622	4.776176

Sample Name: CCV04 Acquired: 01/23/2019 15:17:15 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.991036	4.791489	4.715992	4.884646	5.035075	5.027375
Stddev	.013847	.036302	.028577	.021874	.006882	.005638
%RSD	.2774473	.7576427	.6059625	.4478153	.1366760	.1121544
#1	4.986480	4.757911	4.684875	4.883347	5.030757	5.024144
#2	4.980040	4.786545	4.722041	4.863451	5.031457	5.024095
#3	5.006587	4.830010	4.741061	4.907141	5.043011	5.033886

Elem	Sr4077
Units	ppm
Avg	4.894705
Stddev	.004265
%RSD	.0871272
#1	4.894087
#2	4.899245
#3	4.890784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.787	2384.939	49388.08	4957.484	3628.961
Stddev	22.503	6.263	239.82	3.774	12.619
%RSD	1.027150	.2626150	.4855773	.0761359	.3477202
#1	2169.912	2381.588	49197.90	4961.712	3626.128
#2	2187.825	2392.165	49308.85	4954.456	3642.755
#3	2214.624	2381.064	49657.48	4956.284	3618.000

Sample Name: CCB04 Acquired: 01/23/2019 15:20:45 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0004437	-.000711	-.000320	.0017644	.0007659	.0052417	-.004847
Stddev	.0002330	.000555	.002026	.0008543	.0008907	.0051532	.000322
%RSD	52.52109	77.96699	633.1880	48.41828	116.2952	98.31279	6.649454

#1	.0004549	-.000395	-.001820	.0026027	.0013610	-.000252	-.004735
#2	.0006708	-.000387	-.001124	.0017956	.0011948	.006008	-.005210
#3	.0002052	-.001352	.001985	.0008950	-.000258	.009969	-.004595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	.0000680	-.007834	-.000170	.0001088	-.000509	.0225712
Stddev	.000028	.0000338	.018528	.000310	.0000939	.002205	.0230758
%RSD	55.00431	49.70594	236.5003	182.1736	86.27552	433.5697	102.2358

#1	-.000063	.0000382	-.027664	.000168	.0001982	-.002684	-.001247
#2	-.000019	.0001048	-.004875	-.000239	.0001173	-.000566	.024136
#3	-.000071	.0000612	.009036	-.000439	.0000110	.001725	.044825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001377	.0189425	-.000177	.0007709	-.342530	.0004248	-.000816
Stddev	.0020449	.0304948	.000059	.0000560	.091092	.0038469	.000019
%RSD	1484.918	160.9860	33.31162	7.266326	26.59394	905.6340	2.387176

#1	-.000523	-.014114	-.000228	.0008198	-.280073	-.003734	-.000795
#2	-.001495	.024965	-.000112	.0007831	-.300464	.001153	-.000834
#3	.002431	.045977	-.000190	.0007098	-.447053	.003855	-.000818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429097	-.003965	.0159743	.0003360	-.001363	.0096874	.0008286
Stddev	.0548182	.002118	.0007292	.0001124	.002198	.0013074	.0004677
%RSD	127.7525	53.41500	4.564573	33.46138	161.2940	13.49540	56.43706

#1	-.006957	-.002191	.0167985	.0002844	.000713	.0107739	.0005661
#2	.101607	-.003395	.0157111	.0004650	-.001136	.0100516	.0005512
#3	.034079	-.006310	.0154133	.0002586	-.003665	.0082365	.0013685

Sample Name: CCB04 Acquired: 01/23/2019 15:20:45 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0006759	-.003884	-.000036
Stddev	.0013528	.001024	.000083
%RSD	200.1436	26.36390	233.1606

#1	.0021804	-.005024	-.000091
#2	-.000440	-.003584	-.000075
#3	.000288	-.003043	.000060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.560	2441.767	50223.92	5119.897	3758.035
Stddev	7.861	26.972	334.36	10.497	50.141
%RSD	.3483698	1.104621	.6657432	.2050306	1.334236

#1	2247.703	2472.893	49839.12	5109.530	3815.931
#2	2262.710	2427.148	50443.59	5130.520	3728.752
#3	2259.267	2425.260	50389.05	5119.640	3729.421

Sample Name: K1200-02MS Acquired: 01/23/2019 15:24:37 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.8660518	2.193364	1.046901	2.143791	.8868554	2.932813	.2389236
Stddev	.0140922	.025129	.010794	.019200	.0110636	.024196	.0007211
%RSD	1.627177	1.145696	1.031039	.8955913	1.247503	.8250082	.3018305

#1	.8822473	2.221885	1.059345	2.165322	.8993534	2.939854	.2393129
#2	.8593214	2.183728	1.041286	2.137603	.8828980	2.952708	.2380915
#3	.8565868	2.174479	1.040072	2.128449	.8783147	2.905878	.2393666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2125609	.2025962	3.936583	.4402232	.2198838	.3676423	5.068885
Stddev	.0008817	.0021092	.038498	.0010300	.0016324	.0018498	.050064
%RSD	.4148152	1.041064	.9779511	.2339770	.7423961	.5031636	.9876715

#1	.2134036	.2049666	3.908330	.4390551	.2217671	.3690705	5.044609
#2	.2126345	.2018955	3.980432	.4410014	.2188722	.3683038	5.126458
#3	.2116447	.2009267	3.920987	.4406129	.2190123	.3655527	5.035586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3469562	3.063579	.5506857	.0784873	3.826069	.3467743	.3289204
Stddev	.0004092	.088996	.0065982	.0003841	.233137	.0029486	.0015382
%RSD	.1179247	2.904965	1.198173	.4893599	6.093370	.8502884	.4676479

#1	.3471058	3.092815	.5581764	.0780519	3.566122	.3433699	.3272672
#2	.3464932	2.963643	.5481459	.0787782	4.016649	.3484377	.3291849
#3	.3472694	3.134279	.5457349	.0786316	3.895436	.3485154	.3303093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.67970	7.023334	.3352327	.4353803	.2016595	2.210411	.7528546
Stddev	.12558	.087834	.0023879	.0046705	.0057295	.009606	.0113010
%RSD	1.075168	1.250600	.7123058	1.072734	2.841173	.4345643	1.501087

#1	11.73805	7.123071	.3374072	.4403128	.2077041	2.218079	.7657721
#2	11.76549	6.989410	.3356138	.4348025	.2009662	2.213517	.7479979
#3	11.53557	6.957522	.3326772	.4310256	.1963082	2.199636	.7447939

Sample Name: K1200-02MS Acquired: 01/23/2019 15:24:37 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.2310612	.2109023	.2364051
Stddev	.0019166	.0009313	.0015051
%RSD	.8294773	.4415879	.6366780

#1	.2310981	.2119646	.2379569
#2	.2329590	.2105160	.2363068
#3	.2291264	.2102262	.2349515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.049	2563.728	52044.21	5209.556	3971.920
Stddev	4.913	17.434	134.93	25.094	29.458
%RSD	.2102304	.6800265	.2592508	.4816949	.7416651

#1	2341.723	2543.880	52014.84	5189.054	3938.076
#2	2331.928	2570.736	52191.40	5202.073	3985.882
#3	2337.497	2576.568	51926.39	5237.540	3991.801

Sample Name: K1200-02MSD Acquired: 01/23/2019 15:28:15 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.8318406	2.126398	1.015439	2.076135	.8619942	2.887273	.2355672
Stddev	.0029699	.004668	.005504	.004390	.0030543	.029948	.0027574
%RSD	.3570329	.2195332	.5420366	.2114686	.3543251	1.037234	1.170520
#1	.8289501	2.123337	1.010726	2.074514	.8637234	2.913892	.2384818
#2	.8316877	2.124086	1.014102	2.081106	.8637916	2.893080	.2352196
#3	.8348841	2.131771	1.021488	2.072786	.8584677	2.854847	.2330000
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2086936	.1960953	3.958020	.4253581	.2129869	.3574486	4.989308
Stddev	.0025051	.0004753	.092855	.0027831	.0004258	.0028343	.099923
%RSD	1.200358	.2423924	2.345988	.6542856	.1998975	.7929178	2.002734
#1	.2108480	.1955534	4.036670	.4285317	.2126416	.3594890	5.051165
#2	.2092880	.1964418	3.981804	.4242093	.2134626	.3586444	5.042730
#3	.2059448	.1962906	3.855587	.4233334	.2128565	.3542124	4.874031
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3446118	2.980846	.5336462	.0768252	3.931536	.3444594	.3215909
Stddev	.0026668	.084972	.0001787	.0003610	.116719	.0067717	.0023362
%RSD	.7738650	2.850593	.0334881	.4699334	2.968795	1.965903	.7264657
#1	.3474029	3.072668	.5334401	.0772046	4.039619	.3518287	.3242647
#2	.3443429	2.964878	.5337425	.0764859	3.947221	.3385105	.3205639
#3	.3420896	2.904990	.5337562	.0767851	3.807767	.3430391	.3199440
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.54792	6.774293	.3272469	.4245811	.1928645	2.195080	.7267491
Stddev	.20027	.002755	.0046698	.0008180	.0038630	.024114	.0027351
%RSD	1.734239	.0406667	1.426989	.1926543	2.002948	1.098544	.3763507
#1	11.75685	6.777116	.3304466	.4251842	.1889593	2.208364	.7236639
#2	11.52927	6.771611	.3294058	.4249090	.1966838	2.209631	.7277065
#3	11.35762	6.774153	.3218883	.4236500	.1929503	2.167245	.7288768

Sample Name: K1200-02MSD Acquired: 01/23/2019 15:28:15 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.2303589	.2081765	.2338044
Stddev	.0034300	.0050091	.0022760
%RSD	1.488977	2.406181	.9734678

#1	.2340119	.2135930	.2359409
#2	.2272071	.2072251	.2340616
#3	.2298578	.2037113	.2314107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.873	2583.354	52244.60	5173.354	4005.353
Stddev	21.528	14.448	279.33	66.270	28.765
%RSD	.9177143	.5592684	.5346582	1.280992	.7181687

#1	2322.031	2595.949	51928.64	5109.351	4032.789
#2	2363.888	2586.532	52458.75	5169.029	4007.850
#3	2351.700	2567.582	52346.39	5241.680	3975.421

Sample Name: K1200-02A Acquired: 01/23/2019 15:31:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.8852549	2.255007	1.077455	2.201548	.9125634	2.928677	.2366439
Stddev	.0099228	.014450	.005639	.017296	.0071426	.005598	.0003696
%RSD	1.120893	.6407916	.5233797	.7856137	.7826937	.1911328	.1561649

#1	.8778442	2.245619	1.074673	2.209680	.9071944	2.931718	.2364872
#2	.8813923	2.247756	1.073747	2.181685	.9098260	2.932096	.2370660
#3	.8965281	2.271647	1.083944	2.213280	.9206697	2.922217	.2363785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2103795	.2073842	3.989981	.4414949	.2264549	.3620244	4.998907
Stddev	.0025666	.0011988	.043156	.0015465	.0014587	.0094933	.033235
%RSD	1.219965	.5780499	1.081602	.3502758	.6441277	2.622280	.6648393

#1	.2111065	.2069818	3.995427	.4429362	.2258237	.3668200	5.024966
#2	.2075279	.2064384	3.944361	.4398613	.2254182	.3510899	4.961480
#3	.2125042	.2087324	4.030155	.4416872	.2281229	.3681632	5.010276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3488319	3.038835	.5673907	.0787932	3.908719	.3421932	.3351905
Stddev	.0036439	.015583	.0024632	.0003393	.126629	.0119064	.0015450
%RSD	1.044597	.5127803	.4341229	.4305663	3.239655	3.479430	.4609397

#1	.3530390	3.056550	.5665201	.0786458	4.007997	.3559353	.3367072
#2	.3467864	3.027250	.5654810	.0791813	3.952048	.3349655	.3352456
#3	.3466704	3.032705	.5701709	.0785527	3.766114	.3356788	.3336186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.64583	7.208610	.3276657	.4478326	.2089776	2.227468	.7731199
Stddev	.03421	.051290	.0038815	.0029909	.0040844	.029687	.0043847
%RSD	.2937134	.7115141	1.184604	.6678588	1.954448	1.332752	.5671463

#1	11.67362	7.173419	.3280721	.4464326	.2109731	2.240637	.7716171
#2	11.65623	7.184952	.3235969	.4457984	.2042791	2.193475	.7696842
#3	11.60763	7.267460	.3313280	.4512667	.2116806	2.248293	.7780584

Sample Name: K1200-02A Acquired: 01/23/2019 15:31:53 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.2293978	.2085861	.2350425
Stddev	.0018782	.0004054	.0002417
%RSD	.8187340	.1943323	.1028291

#1	.2293645	.2081263	.2353133
#2	.2312924	.2087402	.2349656
#3	.2275365	.2088919	.2348486

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.605	2427.420	49896.61	5064.310	3753.390
Stddev	8.783	14.814	69.79	57.557	18.056
%RSD	.3923311	.6102612	.1398776	1.136532	.4810711

#1	2234.786	2432.202	49817.60	5041.345	3757.329
#2	2232.378	2439.252	49949.89	5129.805	3769.151
#3	2248.651	2410.806	49922.35	5021.780	3733.689

Sample Name: K1210-02 Acquired: 01/23/2019 15:35:32 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000037	-.003374	.0001368	-.000082	-.001485	.1652636	.0212006
Stddev	.002434	.001267	.0013284	.001903	.000824	.0057633	.0004837
%RSD	6543.049	37.54819	970.7499	2326.913	55.44376	3.487307	2.281554

#1	-.002708	-.002440	.0014901	.001327	-.001441	.1598025	.0208103
#2	.002056	-.002866	.0000855	.000674	-.000685	.1712877	.0210498
#3	.000541	-.004816	-.001165	-.002247	-.002330	.1647006	.0217418

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000275	.0001785	1.927603	.0011851	.0007418	.0067363	.4481247
Stddev	.000032	.0000061	.018081	.0003658	.0001631	.0006978	.0135359
%RSD	11.48131	3.400918	.9379804	30.86852	21.98342	10.35949	3.020560

#1	-.000261	.0001846	1.911130	.0013133	.0006062	.0075399	.4580973
#2	-.000311	.0001725	1.946947	.0007725	.0009227	.0062839	.4535609
#3	-.000253	.0001784	1.924732	.0014697	.0006964	.0063850	.4327158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547082	.4641213	.0043848	.0003599	310.0128	-.000633	.0205264
Stddev	.0008402	.0487690	.0002914	.0001980	.4074	.003709	.0001291
%RSD	1.535777	10.50782	6.645325	55.00054	.1314256	586.1376	.6287497

#1	.0541398	.4723894	.0044384	.0005884	310.3863	-.002473	.0206191
#2	.0556733	.4117468	.0040703	.0002393	310.0737	.003637	.0203790
#3	.0543115	.5082278	.0046457	.0002521	309.5783	-.003062	.0205812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1066138	.0074107	.0127849	.0003025	.0342711	.4966647	-.000817
Stddev	.0470504	.0007157	.0009399	.0001047	.0031328	.0023334	.000445
%RSD	44.13164	9.657495	7.351640	34.60658	9.141150	.4698070	54.46179

#1	.0597640	.0065843	.0117071	.0002279	.0359565	.4984718	-.000687
#2	.1062150	.0078166	.0134342	.0002573	.0306564	.4974918	-.001313
#3	.1538624	.0078312	.0132133	.0004221	.0362004	.4940304	-.000452

Sample Name: K1210-02 Acquired: 01/23/2019 15:35:32 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0044693	-.009798	.0117708
Stddev	.0009449	.000914	.0000409
%RSD	21.14292	9.332270	.3471807

#1	.0038559	-.010759	.0117471
#2	.0039946	-.008939	.0117474
#3	.0055575	-.009695	.0118180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.381	2271.904	48276.14	4962.890	3409.620
Stddev	10.303	6.701	87.94	23.924	16.931
%RSD	.4806716	.2949463	.1821703	.4820567	.4965684

#1	2143.901	2272.858	48293.11	4959.068	3416.069
#2	2132.828	2278.078	48180.94	4941.107	3422.378
#3	2153.414	2264.778	48354.36	4988.495	3390.411

Sample Name: K1210-02DUP Acquired: 01/23/2019 15:39:24 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.002832	-.003327	-.000562	.0017411	-.001271	.1759897	.0222552
Stddev	.000983	.000856	.002076	.0022138	.001355	.0058790	.0008669
%RSD	34.73249	25.71542	369.0544	127.1471	106.6158	3.340516	3.895076

#1	-.003939	-.003461	-.002053	.0039978	.000259	.1692046	.0220977
#2	-.002494	-.002413	.001808	-.000427	-.001750	.1791979	.0231900
#3	-.002062	-.004108	-.001442	.001653	-.002322	.1795667	.0214778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000286	.0001672	1.944056	.0017590	.0006302	.0049334	.4806855
Stddev	.000042	.0000483	.011379	.0005653	.0001636	.0039328	.0140463
%RSD	14.58469	28.90037	.5853215	32.13758	25.95663	79.71771	2.922143

#1	-.000332	.0001398	1.956488	.0016324	.0008174	.0044488	.4955103
#2	-.000251	.0001387	1.934156	.0023768	.0005150	.0012654	.4789711
#3	-.000274	.0002229	1.941525	.0012677	.0005582	.0090861	.4675750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550570	.5095231	.0045460	.0004730	315.1703	.0019749	.0211803
Stddev	.0006267	.0394096	.0002732	.0000880	1.6926	.0050891	.0002537
%RSD	1.138213	7.734601	6.008754	18.61146	.5370506	257.6952	1.197915

#1	.0554464	.4652156	.0048448	.0004268	314.7631	-.003900	.0213835
#2	.0553905	.5226910	.0043090	.0005745	317.0294	.005014	.0212614
#3	.0543341	.5406627	.0044842	.0004177	313.7184	.004810	.0208959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1493782	.0056265	.0116385	.0002593	.0342163	.5020907	-.001292
Stddev	.0209105	.0012672	.0002729	.0001971	.0031060	.0020683	.000312
%RSD	13.99836	22.52291	2.345235	75.99851	9.077401	.4119394	24.12614

#1	.1694552	.0066513	.0116175	.0002147	.0376687	.5011165	-.001020
#2	.1509560	.0042095	.0119213	.0000884	.0316488	.5044662	-.001224
#3	.1277235	.0060187	.0113766	.0004748	.0333315	.5006894	-.001632

Sample Name: K1210-02DUP Acquired: 01/23/2019 15:39:24 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0049502	-.005957	.0120185
Stddev	.0008134	.000618	.0001126
%RSD	16.43203	10.37027	.9367682

#1	.0040608	-.005502	.0121377
#2	.0056564	-.005708	.0120039
#3	.0051335	-.006660	.0119139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.159	2249.325	47755.06	4884.908	3382.537
Stddev	6.798	13.485	214.46	30.463	20.099
%RSD	.3230586	.5995338	.4490753	.6236224	.5942068

#1	2096.474	2261.199	47529.92	4866.823	3399.361
#2	2106.620	2252.114	47956.94	4867.822	3387.969
#3	2109.384	2234.664	47778.32	4920.080	3360.280

Sample Name: K1210-02LX5 Acquired: 01/23/2019 15:43:19 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000640	-.001201	-.001518	.0008648	-.001562	.0395246	.0007084
Stddev	.000716	.000863	.000752	.0008720	.001649	.0093099	.0008106
%RSD	111.8416	71.88046	49.53086	100.8282	105.5552	23.55460	114.4336

#1	-.001383	-.001833	-.002378	.0000488	-.003395	.0502360	.0001689
#2	.000046	-.001553	-.000981	.0017837	-.000201	.0349583	.0016406
#3	-.000584	-.000217	-.001196	.0007621	-.001090	.0333795	.0003157

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000114	.0000260	.4362303	.0000324	.0002896	-.000025	.0883007
Stddev	.000016	.0000401	.0133936	.0002080	.0001866	.001579	.0103444
%RSD	14.20517	153.9040	3.070300	642.3783	64.42256	6275.180	11.71494

#1	-.000099	.0000132	.4344798	-.000160	.0001536	-.000702	.0793538
#2	-.000131	.0000710	.4504131	.000253	.0002129	.001779	.0859206
#3	-.000113	-.000006	.4237981	.000005	.0005022	-.001152	.0996277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135355	.1295914	.0004293	.0007088	65.78323	.0002075	.0069123
Stddev	.0008788	.0344295	.0003956	.0001661	.21979	.0041025	.0000384
%RSD	6.492545	26.56771	92.16066	23.43059	.3341117	1977.378	.5562729

#1	.0143802	.1671159	.0008842	.0008748	65.54106	.0046767	.0069273
#2	.0126262	.1222009	.0002387	.0005426	65.97006	-.003387	.0068686
#3	.0136001	.0994573	.0001650	.0007091	65.83856	-.000667	.0069410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1182743	.0010712	.0024623	.0000724	.0065746	.1129168	-.001451
Stddev	.0144833	.0002675	.0002767	.0000951	.0016282	.0006319	.000151
%RSD	12.24549	24.97591	11.23946	131.2726	24.76467	.5595815	10.41833

#1	.1314107	.0007730	.0025306	.0001036	.0067294	.1134798	-.001586
#2	.1027428	.0012902	.0026986	-.000034	.0048745	.1122334	-.001288
#3	.1206695	.0011503	.0021578	.000148	.0081198	.1130371	-.001480

Sample Name: K1210-02LX5 Acquired: 01/23/2019 15:43:19 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0019321	-.004619	.0024325
Stddev	.0010382	.001309	.0000657
%RSD	53.73543	28.33900	2.699575

#1	.0020603	-.005755	.0023610
#2	.0029003	-.004916	.0024466
#3	.0008357	-.003188	.0024900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.710	2330.815	48453.59	4899.807	3600.060
Stddev	5.470	10.510	153.06	21.022	21.569
%RSD	.2513113	.4509122	.3158817	.4290413	.5991384

#1	2172.143	2339.517	48414.15	4879.210	3619.603
#2	2182.773	2333.789	48622.50	4921.230	3603.660
#3	2175.215	2319.138	48324.11	4898.980	3576.917

Sample Name: K1210-02MS Acquired: 01/23/2019 15:47:13 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.8633990	2.156095	1.061511	1.888614	.9090479	2.397274	.2531224
Stddev	.0106554	.013697	.007944	.014033	.0047755	.008941	.0007833
%RSD	1.234122	.6352703	.7483308	.7430308	.5253311	.3729747	.3094721

#1	.8519507	2.150639	1.057733	1.876799	.9064293	2.406731	.2536391
#2	.8652192	2.145966	1.056162	1.884918	.9061545	2.396132	.2522211
#3	.8730270	2.171679	1.070639	1.904125	.9145599	2.388958	.2535069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1887322	.2058767	3.354479	.4296459	.2255325	.3390311	3.841666
Stddev	.0002347	.0016068	.023058	.0024961	.0015182	.0032367	.031426
%RSD	.1243369	.7804897	.6873886	.5809764	.6731446	.9546907	.8180407

#1	.1889114	.2046291	3.376864	.4268768	.2247279	.3359470	3.876808
#2	.1888186	.2053110	3.330802	.4303379	.2245860	.3424014	3.831931
#3	.1884665	.2076898	3.355770	.4317231	.2272836	.3387449	3.816259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2833442	2.666023	.5658251	.0789270	364.2334	.3417190	.2457404
Stddev	.0038342	.022261	.0034755	.0003032	.7611	.0047348	.0000603
%RSD	1.353195	.8350024	.6142347	.3841327	.2089480	1.385573	.0245278

#1	.2874200	2.644624	.5631643	.0785892	365.0442	.3422990	.2458100
#2	.2798091	2.689057	.5645539	.0791756	363.5345	.3367209	.2457051
#3	.2828035	2.664389	.5697573	.0790162	364.1215	.3461370	.2457061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.96728	7.256164	.2970194	.4703252	.0331298	1.513686	.8005572
Stddev	.09789	.050910	.0020847	.0041318	.0016229	.000768	.0073967
%RSD	.8179509	.7016039	.7018734	.8784992	4.898547	.0507650	.9239485

#1	11.89446	7.215800	.2962067	.4669633	.0331475	1.513357	.7955660
#2	11.92883	7.239335	.2993881	.4690743	.0347439	1.514564	.7970505
#3	12.07856	7.313357	.2954635	.4749378	.0314982	1.513137	.8090551

Sample Name: K1210-02MS Acquired: 01/23/2019 15:47:13 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.2365760	.2175291	.2222930
Stddev	.0022280	.0004846	.0006041
%RSD	.9417847	.2227678	.2717673

#1	.2389324	.2172191	.2217207
#2	.2362919	.2172805	.2222338
#3	.2345036	.2180875	.2229246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.187	2186.336	46969.43	4815.864	3287.199
Stddev	4.741	11.999	49.90	12.137	16.921
%RSD	.2312567	.5488351	.1062399	.2520121	.5147650

#1	2045.836	2191.447	46983.50	4801.904	3298.176
#2	2049.486	2194.934	47010.78	4821.775	3295.709
#3	2055.240	2172.628	46914.00	4823.912	3267.712

Sample Name: K1210-02MSD Acquired: 01/23/2019 15:50:54 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.8503936	2.138417	1.051306	1.863905	.8986584	2.464131	.2604369
Stddev	.0046619	.010995	.003021	.009746	.0053537	.008269	.0009335
%RSD	.5481997	.5141431	.2873987	.5229054	.5957408	.3355681	.3584533

#1	.8473654	2.142872	1.053395	1.867826	.8976191	2.473449	.2614119
#2	.8480535	2.125894	1.047841	1.852808	.8939007	2.457668	.2603478
#3	.8557620	2.146485	1.052682	1.871079	.9044556	2.461276	.2595512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1933157	.2042314	3.426186	.4391435	.2235393	.3425657	3.925889
Stddev	.0001811	.0009797	.012782	.0019132	.0014152	.0065871	.022012
%RSD	.0936702	.4797025	.3730626	.4356705	.6331073	1.922867	.5606866

#1	.1931086	.2039591	3.416939	.4400096	.2245760	.3501197	3.951300
#2	.1933942	.2034166	3.420847	.4404705	.2219269	.3380188	3.913651
#3	.1934443	.2053184	3.440771	.4369504	.2241150	.3395587	3.912715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2900286	2.705025	.5616252	.0808657	373.1718	.3472910	.2495431
Stddev	.0010278	.045943	.0036795	.0004429	.4885	.0037888	.0014470
%RSD	.3543893	1.698431	.6551599	.5477235	.1308938	1.090945	.5798527

#1	.2911365	2.753780	.5644504	.0806954	373.7290	.3504522	.2498959
#2	.2891061	2.662537	.5574644	.0805332	372.9691	.3483296	.2507811
#3	.2898431	2.698759	.5629608	.0813685	372.8173	.3430913	.2479523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.24902	7.189468	.3034050	.4646276	.0334496	1.547968	.7944620
Stddev	.07790	.040524	.0010865	.0027439	.0047713	.009459	.0038409
%RSD	.6359826	.5636639	.3581044	.5905583	14.26398	.6110575	.4834621

#1	12.26079	7.216225	.3024116	.4647052	.0372731	1.537239	.7959394
#2	12.32037	7.142844	.3032381	.4618457	.0349731	1.555107	.7901018
#3	12.16590	7.209335	.3045654	.4673318	.0281027	1.551557	.7973449

Sample Name: K1210-02MSD Acquired: 01/23/2019 15:50:54 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.2417975	.2269426	.2285259
Stddev	.0030991	.0010433	.0003644
%RSD	1.281707	.4597201	.1594597

#1	.2425074	.2275659	.2289077
#2	.2444802	.2275237	.2284881
#3	.2384051	.2257381	.2281818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.045	2218.591	46204.06	4726.263	3327.656
Stddev	4.476	10.602	83.07	7.428	13.500
%RSD	.2207059	.4778566	.1797888	.1571603	.4056808

#1	2026.561	2212.018	46138.99	4727.047	3316.685
#2	2024.500	2230.821	46175.55	4718.474	3342.731
#3	2033.075	2212.933	46297.63	4733.267	3323.552

Sample Name: K1210-02A Acquired: 01/23/2019 15:54:34 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.8463072	2.129983	1.049053	1.846625	.8941883	2.457581	.2598353
Stddev	.0023419	.006082	.004469	.013405	.0055861	.006134	.0009174
%RSD	.2767251	.2855607	.4260139	.7259232	.6247142	.2495829	.3530729

#1	.8436997	2.130065	1.050271	1.842870	.8956494	2.450626	.2604450
#2	.8469900	2.123860	1.044101	1.835498	.8880169	2.459902	.2602805
#3	.8482318	2.136024	1.052786	1.861507	.8988987	2.462216	.2587802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927145	.2028787	3.431042	.4324778	.2227750	.3397185	3.882182
Stddev	.0011466	.0016979	.022171	.0013550	.0012276	.0005443	.032787
%RSD	.5949834	.8369161	.6461948	.3133114	.5510556	.1602155	.8445578

#1	.1929896	.2026449	3.441394	.4323655	.2222858	.3402944	3.920017
#2	.1936986	.2013098	3.446143	.4338855	.2218674	.3396487	3.864426
#3	.1914554	.2046814	3.405588	.4311825	.2241718	.3392125	3.862102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2896997	2.655985	.5597457	.0801487	370.8193	.3421582	.2461640
Stddev	.0004233	.061749	.0026507	.0005067	1.8991	.0017579	.0015453
%RSD	.1461261	2.324903	.4735574	.6321646	.5121298	.5137634	.6277351

#1	.2892109	2.727131	.5592305	.0802981	370.7199	.3436347	.2473912
#2	.2899522	2.624496	.5573903	.0805639	372.7660	.3402137	.2466721
#3	.2899359	2.616329	.5626161	.0795842	368.9718	.3426262	.2444287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.35790	7.161274	.3010405	.4617310	.0340535	1.546716	.7931554
Stddev	.02941	.047215	.0020370	.0036935	.0033174	.008581	.0038429
%RSD	.2379676	.6593056	.6766502	.7999289	9.741675	.5547589	.4845124

#1	12.34597	7.136677	.3031370	.4606007	.0378686	1.554162	.7940801
#2	12.39139	7.131437	.3009157	.4587346	.0324433	1.548654	.7889344
#3	12.33632	7.215709	.2990687	.4658576	.0318485	1.537332	.7964516

Sample Name: K1210-02A Acquired: 01/23/2019 15:54:34 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.2400719	.2250475	.2281959
Stddev	.0015927	.0007118	.0008429
%RSD	.6634243	.3163000	.3693741

#1	.2382353	.2244681	.2283287
#2	.2409059	.2248323	.2289645
#3	.2410743	.2258421	.2272945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.856	2224.834	46954.03	4736.522	3330.344
Stddev	12.185	14.157	277.54	30.750	20.611
%RSD	.5912590	.6363049	.5910870	.6492062	.6188705

#1	2061.375	2218.555	46923.38	4727.377	3320.867
#2	2048.420	2241.044	46693.08	4711.382	3353.989
#3	2072.773	2214.901	47245.62	4770.807	3316.177

Sample Name: K1217-01 Acquired: 01/23/2019 15:58:16 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.007342	-.006252	-.001145	.0058870	.0003921	.0073882	-.005125
Stddev	.004225	.000877	.000530	.0013432	.0001978	.0083345	.000391
%RSD	57.54850	14.03559	46.29759	22.81617	50.44057	112.8083	7.631952

#1	-.012107	-.005294	-.001664	.0070230	.0004010	.0092497	-.004814
#2	-.004050	-.007017	-.001166	.0062334	.0005853	-.001720	-.004996
#3	-.005870	-.006443	-.000605	.0044045	.0001901	.014635	-.005564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000349	.0001363	.1207337	.0002959	-.000322	.0028267	.0247790
Stddev	.000022	.0000392	.0181769	.0005136	.000040	.0025196	.0067743
%RSD	6.419547	28.75825	15.05538	173.5793	12.36310	89.13753	27.33898

#1	-.000323	.0001040	.1079720	.0005223	-.000291	.0051132	.0261535
#2	-.000363	.0001799	.1126834	-.000292	-.000367	.0001254	.0174228
#3	-.000360	.0001250	.1415455	.000657	-.000308	.0032413	.0307606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004671	.0091437	-.000709	.0004449	-.166818	-.000761	.0165513
Stddev	.0006873	.0325372	.000096	.0004400	.204967	.002855	.0002061
%RSD	147.1495	355.8426	13.56741	98.90167	122.8689	375.2127	1.245273

#1	-.000326	-.026685	-.000743	.0008819	-.374133	.002428	.0167449
#2	.000848	.036850	-.000784	.0004508	-.162037	-.003078	.0165743
#3	.000880	.017266	-.000601	.0000020	.035717	-.001633	.0163346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024330	.0053018	.0003676	.0004207	.1157399	.0044555	-.000765
Stddev	.025785	.0031468	.0005029	.0001792	.0054221	.0007809	.000561
%RSD	105.9790	59.35244	136.8198	42.60262	4.684743	17.52645	73.31206

#1	-.005986	.0060149	-.000191	.0005890	.1168782	.0037518	-.001005
#2	-.013192	.0080309	.000785	.0004409	.1098390	.0052956	-.001167
#3	-.053811	.0018597	.000508	.0002322	.1205025	.0043191	-.000124

Sample Name: K1217-01 Acquired: 01/23/2019 15:58:16 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0010389	-.006185	.0000461
Stddev	.0008185	.001273	.0000497
%RSD	78.77947	20.57321	107.6688

#1	.0010063	-.007186	.0000343
#2	.0002373	-.006617	.0000034
#3	.0018732	-.004753	.0001006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.030	2419.043	49465.40	5101.590	3786.583
Stddev	11.045	12.832	112.89	13.332	25.610
%RSD	.5061942	.5304662	.2282206	.2613255	.6763355

#1	2170.629	2404.226	49360.25	5115.600	3757.110
#2	2182.781	2426.481	49451.26	5089.060	3799.233
#3	2192.681	2426.424	49584.70	5100.110	3803.407

Sample Name: CCV05 Acquired: 01/23/2019 16:02:11 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.078278	5.215711	4.949850	4.934067	5.266583	10.00203
Stddev	.026733	.027904	.027651	.015094	.019497	.03985
%RSD	.5264236	.5350010	.5586174	.3059226	.3701939	.3983734

#1	5.088472	5.216791	4.947876	4.930190	5.263560	9.99850
#2	5.047947	5.187283	4.923239	4.921288	5.248774	10.04352
#3	5.098414	5.243060	4.978434	4.950721	5.287414	9.96406

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.50454	.2323621	2.319004	26.20700	.9735799	2.494067
Stddev	.03355	.0007982	.008867	.15411	.0022534	.011667
%RSD	.3194216	.3435142	.3823564	.5880330	.2314593	.4678071

#1	10.51299	.2325587	2.319084	26.12631	.9737142	2.493043
#2	10.53305	.2330437	2.310097	26.38470	.9757632	2.482946
#3	10.46756	.2314840	2.327830	26.11000	.9712623	2.506213

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.258380	4.800967	2.450728	24.66952	2.525045	1.207012
Stddev	.009288	.031176	.011357	.40222	.011961	.002356
%RSD	.7380760	.6493772	.4634164	1.630424	.4736804	.1951534

#1	1.259307	4.804721	2.451072	24.99426	2.528441	1.208262
#2	1.267170	4.830097	2.461908	24.79470	2.511754	1.204295
#3	1.248663	4.768084	2.439202	24.21959	2.534941	1.208479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.32474	2.475959	2.552458	26.25156	F 5.727576	4.659671
Stddev	.19173	.017988	.009207	.05807	.032710	.010513
%RSD	.7570841	.7264988	.3607294	.2211897	.5710902	.2256131

#1	25.49661	2.475854	2.557192	26.23797	5.739716	4.650899
#2	25.35966	2.493999	2.541846	26.31522	5.690532	4.671324
#3	25.11795	2.458024	2.558335	26.20150	5.752480	4.656791

Sample Name: CCV05 Acquired: 01/23/2019 16:02:11 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.995729	4.832842	4.582150	4.933260	4.989728	5.023552
Stddev	.024563	.017653	.016753	.020763	.013616	.017384
%RSD	.4916740	.3652625	.3656210	.4208807	.2728805	.3460537
#1	4.988974	4.838957	4.572898	4.933758	4.994697	5.023645
#2	4.975251	4.812945	4.601489	4.912252	5.000162	5.040889
#3	5.022963	4.846624	4.572064	4.953769	4.974325	5.006121

Elem	Sr4077
Units	ppm
Avg	4.839291
Stddev	.023642
%RSD	.4885507
#1	4.859274
#2	4.845408
#3	4.813192

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.517	2362.005	49150.88	5035.572	3575.981
Stddev	11.645	11.774	175.54	12.868	15.273
%RSD	.5352694	.4984629	.3571528	.2555504	.4270937
#1	2164.366	2363.066	48962.53	5028.855	3573.795
#2	2187.600	2373.212	49309.93	5027.453	3592.230
#3	2174.585	2349.736	49180.18	5050.410	3561.920

Sample Name: CCB05 Acquired: 01/23/2019 16:05:42 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0002827	-.001283	.0000339	.0028785	-.001202	.0019544	-.004282
Stddev	.0019463	.000249	.0010632	.0016666	.001177	.0092247	.000282
%RSD	688.4820	19.36558	3135.536	57.89883	97.94002	472.0072	6.583829

#1	.0012262	-.001196	-.000576	.0036695	-.000700	.0125173	-.004187
#2	.0015775	-.001091	.001262	.0040022	-.000359	-.004516	-.004060
#3	-.001956	-.001564	-.000584	.0009637	-.002547	-.002138	-.004599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	.0000129	.0121022	-.000093	.0001137	.0043250	.0037652
Stddev	.000061	.0001150	.0229322	.000206	.0002997	.0039748	.0109007
%RSD	117.9697	889.4335	189.4873	221.9657	263.5974	91.90239	289.5093

#1	.000000	-.000120	-.012989	-.000303	-.000210	-.000249	.0107360
#2	-.000036	.000072	.017318	.000109	.000170	.006938	-.008797
#3	-.000118	.000087	.031977	-.000084	.000381	.006286	.009356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004854	-.016327	-.000343	.0005245	-.336969	-.002885	-.001221
Stddev	.0003654	.028657	.000046	.0002553	.183656	.004495	.000477
%RSD	75.28435	175.5226	13.26406	48.68016	54.50244	155.8231	39.03490

#1	.0002074	.005485	-.000356	.0006502	-.526437	-.004263	-.001146
#2	.0003494	-.005682	-.000381	.0006926	-.159737	-.006529	-.001730
#3	.0008993	-.048782	-.000293	.0002307	-.324731	.002138	-.000786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1095272	-.005112	.0065802	.0002728	-.002665	.0049651	-.000176
Stddev	.0272939	.001230	.0010763	.0001501	.000599	.0004256	.000621
%RSD	24.91974	24.06227	16.35608	55.02539	22.47567	8.571433	353.4204

#1	.1301519	-.003851	.0077799	.0001120	-.003242	.0053457	-.000189
#2	.1198527	-.005175	.0062612	.0004092	-.002708	.0045056	.000451
#3	.0785770	-.006309	.0056995	.0002974	-.002046	.0050440	-.000790

Sample Name: CCB05 Acquired: 01/23/2019 16:05:42 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.0009190	-.006158	-.000010
Stddev	.0005861	.000876	.000094
%RSD	63.77888	14.22524	978.6022

#1	.0012482	-.006275	.000098
#2	.0002423	-.005229	-.000068
#3	.0012664	-.006969	-.000059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.044	2464.930	49379.11	5038.983	3781.118
Stddev	12.842	19.840	235.25	16.843	36.613
%RSD	.5802712	.8048858	.4764226	.3342516	.9683191

#1	2198.237	2443.713	49109.79	5041.640	3741.080
#2	2221.139	2468.056	49544.53	5054.340	3789.381
#3	2219.756	2483.022	49483.00	5020.970	3812.894

Sample Name: K1210-01 Acquired: 01/23/2019 16:31:40 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.008914	.0039579	.0121130	-.024740	.0009928	64.74890	.1004287
Stddev	.002012	.0005667	.0015586	.003243	.0007168	.14088	.0003095
%RSD	22.57502	14.31882	12.86738	13.10627	72.20162	.2175850	.3082074

#1	-.011111	.0045298	.0107126	-.027525	.0002479	64.62632	.1007160
#2	-.008470	.0033965	.0118342	-.021181	.0016778	64.90281	.1001009
#3	-.007160	.0039474	.0137922	-.025515	.0010528	64.71756	.1004690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020745	.0031283	39.05499	.0554000	.1411975	.8051938	172.1424
Stddev	.0000488	.0000835	.18695	.0002784	.0006753	.0028441	.8911
%RSD	2.352456	2.669997	.4786857	.5025223	.4782946	.3532185	.5176773

#1	.0020727	.0031885	38.85391	.0556641	.1411951	.8025508	171.1337
#2	.0020267	.0031635	39.08753	.0554268	.1405234	.8048271	172.4707
#3	.0021242	.0030330	39.22354	.0551092	.1418741	.8082034	172.8229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.570262	87.61159	.3657774	-.007787	8.886418	.2620617	.3184602
Stddev	.006317	.25240	.0016916	.000363	.174047	.0026675	.0013396
%RSD	.4022775	.2880926	.4624612	4.656111	1.958577	1.017876	.4206583

#1	1.563387	87.32015	.3652976	-.007768	8.920760	.2636981	.3199736
#2	1.571589	87.75722	.3643776	-.007434	9.040735	.2589836	.3174264
#3	1.575809	87.75742	.3676571	-.008159	8.697760	.2635034	.3179806

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.592891	3.734798	-.248954	-.000129	.6648187	.4601670	.0068332
Stddev	.051578	.015175	.002342	.000258	.0046155	.0025768	.0005583
%RSD	3.238033	.4063018	.9408503	199.8526	.6942539	.5599612	8.170877

#1	1.569691	3.737335	-.249888	-.000396	.6600627	.4591283	.0066286
#2	1.556986	3.718515	-.246289	.000120	.6651138	.4582717	.0074649
#3	1.651995	3.748544	-.250685	-.000112	.6692796	.4631010	.0064060

Sample Name: K1210-01 Acquired: 01/23/2019 16:31:40 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	7.684280	.0499368	.1458164
Stddev	.019879	.0013060	.0004194
%RSD	.2586917	2.615349	.2876478

#1	7.661352	.0489365	.1454585
#2	7.696690	.0514143	.1462779
#3	7.694798	.0494597	.1457128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.390	2664.881	56177.75	5768.976	3641.700
Stddev	4.984	6.880	32.58	18.757	11.878
%RSD	.2014147	.2581680	.0579985	.3251273	.3261528

#1	2479.879	2669.410	56166.62	5787.283	3646.868
#2	2470.149	2668.269	56152.20	5769.844	3650.119
#3	2473.141	2656.964	56214.45	5749.800	3628.114

Sample Name: PB116566BL Acquired: 01/23/2019 16:35:24 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000426	-.000859	-.000927	-.000926	-.002059	.0061945	-.005770
Stddev	.001271	.001268	.000129	.002265	.001228	.0070023	.000570
%RSD	298.3337	147.5832	13.92786	244.5295	59.64061	113.0415	9.875133

#1	.001018	-.002175	-.000790	-.000943	-.001829	-.001752	-.005337
#2	-.000918	-.000757	-.001046	.001347	-.003386	.011462	-.005557
#3	-.001378	.000354	-.000945	-.003183	-.000962	.008873	-.006415

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	-.000010	.0171402	-.000118	.0002870	.0013446	.0142188
Stddev	.000028	.000053	.0154345	.000438	.0001282	.0056502	.0169948
%RSD	38.34968	515.2924	90.04887	371.6719	44.67122	420.2275	119.5236

#1	-.000055	-.000012	.0348604	-.000370	.0001432	-.004668	.0167102
#2	-.000059	-.000062	.0066315	-.000372	.0003895	.006544	-.003884
#3	-.000106	.000043	.0099285	.000388	.0003283	.002157	.029830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	.0047278	-.000184	.0008114	-.317692	.0011742	-.001037
Stddev	.000265	.0126947	.000156	.0002850	.136188	.0013639	.000106
%RSD	766.5886	268.5104	84.85731	35.11902	42.86781	116.1540	10.23709

#1	-.000143	.0191091	-.000363	.0005319	-.468118	.0022665	-.000920
#2	-.000228	-.000005	-.000087	.0011015	-.202780	.0016105	-.001128
#3	.000267	-.004920	-.000100	.0008008	-.282177	-.000354	-.001063

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567556	-.003753	-.004868	-.000050	-.004321	.0016652	-.002356
Stddev	.0144882	.000362	.000268	.000242	.002959	.0012894	.000491
%RSD	25.52737	9.645737	5.498720	482.7705	68.48307	77.43090	20.85764

#1	.0654766	-.003794	-.005173	-.000033	-.005001	.0021391	-.002892
#2	.0400312	-.003372	-.004669	-.000300	-.006881	.0026507	-.001927
#3	.0647590	-.004092	-.004763	.000183	-.001081	.0002059	-.002249

Sample Name: PB116566BL Acquired: 01/23/2019 16:35:24 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0004925	-.009298	-.000093
Stddev	.0007083	.000299	.000045
%RSD	143.8126	3.217690	48.23542

#1	.0001130	-.009596	-.000140
#2	.0013097	-.009301	-.000088
#3	.0000548	-.008998	-.000051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.021	2528.954	51276.26	5257.230	3899.059
Stddev	21.155	7.264	286.63	24.580	10.762
%RSD	.9242084	.2872347	.5589870	.4675515	.2760230

#1	2269.602	2521.766	51113.81	5256.410	3887.204
#2	2285.896	2536.292	51107.76	5233.070	3908.214
#3	2311.565	2528.804	51607.21	5282.210	3901.758

Sample Name: PB116521BS Acquired: 01/23/2019 16:39:17 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.7047653	1.792158	.8536554	1.716930	.8364645	1.770033
Stddev	.0114080	.017433	.0068578	.026953	.0068400	.007532
%RSD	1.618690	.9727307	.8033483	1.569811	.8177245	.4255365

#1	.6973771	1.782000	.8528578	1.709661	.8329662	1.761803
#2	.6990148	1.782186	.8472312	1.694358	.8320813	1.771715
#3	.7179041	1.812287	.8608771	1.746772	.8443461	1.776583

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1804402	.1637967	.1622879	.9170043	.3511740	.1766004
Stddev	.0005058	.0004265	.0023545	.0161142	.0009502	.0022376
%RSD	.2803285	.2603952	1.450802	1.757260	.2705751	1.267064

#1	.1803680	.1634097	.1615189	.9351235	.3505924	.1758248
#2	.1799744	.1637265	.1604140	.9116105	.3506592	.1748538
#3	.1809783	.1642540	.1649307	.9042790	.3522705	.1791227

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2714668	2.683093	.1790054	1.652143	.4494892	.0631493
Stddev	.0044382	.025307	.0031370	.080496	.0070119	.0003349
%RSD	1.634877	.9431936	1.752441	4.872239	1.559978	.5303390

#1	.2759607	2.675719	.1766913	1.572125	.4462176	.0635146
#2	.2670866	2.662293	.1825758	1.651194	.4447110	.0628568
#3	.2713531	2.711268	.1777491	1.733110	.4575390	.0630765

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.147296	.2749599	.1872602	9.167328	F 5.765123	F .2395615
Stddev	.131587	.0025644	.0009835	.067542	.083737	.0005846
%RSD	6.128018	.9326455	.5251919	.7367717	1.452474	.2440241

#1	2.101211	.2765828	.1882141	9.211773	5.739722	.2390681
#2	2.044950	.2762934	.1862496	9.089604	5.697027	.2394094
#3	2.295726	.2720035	.1873170	9.200608	5.858619	.2402072

Sample Name: PB116521BS Acquired: 01/23/2019 16:39:17 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.4076892	F -.010186	.8914926	.7003587	.2070975	.1649163
Stddev	.0051906	.000648	.0022557	.0112429	.0017403	.0014280
%RSD	1.273177	6.365081	.2530299	1.605304	.8403297	.8659100

#1	.4050909	-.009438	.8890126	.6965964	.2057872	.1664355
#2	.4043109	-.010536	.8934222	.6914794	.2090722	.1636015
#3	.4136659	-.010584	.8920430	.7130002	.2064332	.1647119

Elem	Sr4077
Units	ppm
Avg	.1686517
Stddev	.0004708
%RSD	.2791785

#1	.1690969
#2	.1681588
#3	.1686994

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.160	2430.369	50058.66	5154.937	3792.120
Stddev	18.459	28.303	148.12	11.382	46.020
%RSD	.8269553	1.164568	.2958891	.2207921	1.213564

#1	2213.861	2442.215	49932.67	5143.670	3809.142
#2	2231.844	2450.825	50021.50	5154.710	3827.204
#3	2250.775	2398.067	50221.82	5166.430	3740.014

Sample Name: PB116510BL Acquired: 01/23/2019 16:42:59 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0012369	-.002077	-.001231	.0008053	-.001637	.0022617	-.005706
Stddev	.0020262	.001674	.000705	.0010515	.001702	.0049769	.000709
%RSD	163.8172	80.58873	57.24179	130.5768	104.0271	220.0492	12.42928

#1	.0033717	-.002813	-.001805	.0004583	-.002412	-.002832	-.005157
#2	.0009986	-.000161	-.000445	.0019865	-.002813	.002505	-.006507
#3	-.000660	-.003256	-.001443	-.000029	.000316	.007113	-.005455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	.0000047	-.010660	.0000647	-.000020	.0010509	.0188060
Stddev	.000030	.0000419	.008108	.0002685	.000153	.0012614	.0093623
%RSD	47.59651	901.0305	76.06470	415.1157	767.6213	120.0254	49.78357

#1	-.000069	-.000042	-.019206	-.000197	-.000074	.0000565	.0212067
#2	-.000031	.000040	-.009696	.000052	-.000138	.0024697	.0267341
#3	-.000091	.000016	-.003076	.000339	.000153	.0006265	.0084771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002942	.0033078	-.000334	.0006597	-.560576	-.000947	-.000933
Stddev	.0010643	.0522672	.000096	.0001648	.098789	.002921	.000312
%RSD	361.7791	1580.112	28.71742	24.97381	17.62271	308.4036	33.40987

#1	.0014186	-.055330	-.000263	.0005770	-.471559	.000552	-.000723
#2	.0001617	.020256	-.000444	.0008495	-.543310	.000920	-.001291
#3	-.000698	.044998	-.000296	.0005528	-.666860	-.004313	-.000784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748241	-.004158	-.003308	.0001755	-.005396	.0011156	-.002069
Stddev	.0380919	.001259	.000810	.0002697	.001495	.0003244	.000618
%RSD	50.90862	30.27598	24.48695	153.6572	27.71166	29.07836	29.85641

#1	.0406657	-.005030	-.003828	-.000087	-.004445	.0014275	-.002261
#2	.0679053	-.004729	-.003721	.000162	-.007119	.0007800	-.001378
#3	.1159011	-.002715	-.002375	.000452	-.004623	.0011392	-.002569

Sample Name: PB116510BL Acquired: 01/23/2019 16:42:59 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0018582	-.009729	-.000101
Stddev	.0001870	.000401	.000077
%RSD	10.06238	4.126781	76.56991

#1	.0016957	-.009506	-.000018
#2	.0018162	-.009488	-.000115
#3	.0020625	-.010192	-.000170

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.415	2406.047	49291.77	5071.703	3703.713
Stddev	8.107	9.578	315.77	20.945	16.223
%RSD	.3672754	.3980903	.6406186	.4129719	.4380102

#1	2211.698	2400.270	48965.91	5095.030	3700.792
#2	2212.483	2417.103	49596.38	5054.510	3721.198
#3	2198.064	2400.768	49313.01	5065.570	3689.149

Sample Name: PB116578BS Acquired: 01/23/2019 16:46:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.7088691	1.806376	.8556974	1.730396	.7367098	1.769495
Stddev	.0014856	.016305	.0041728	.014262	.0058638	.015036
%RSD	.2095672	.9026526	.4876545	.8242281	.7959453	.8497492

#1	.7105013	1.825201	.8604913	1.746158	.7421040	1.752146
#2	.7075961	1.797262	.8537208	1.726650	.7375569	1.778766
#3	.7085099	1.796666	.8528801	1.718381	.7304685	1.777573

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1798364	.1650821	.1631468	.8924155	.3550829	.1776012
Stddev	.0011803	.0017993	.0013869	.0269155	.0013612	.0013424
%RSD	.6563074	1.089960	.8500934	3.016024	.3833510	.7558453

#1	.1786739	.1643716	.1646075	.8694175	.3538931	.1788222
#2	.1798018	.1637464	.1629849	.8858105	.3547883	.1778176
#3	.1810336	.1671282	.1618480	.9220187	.3565673	.1761638

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2722045	2.647572	.1785591	1.692961	.4510923	.0636289
Stddev	.0018112	.011407	.0003807	.036893	.0035120	.0005947
%RSD	.6653835	.4308616	.2132052	2.179182	.7785614	.9346082

#1	.2720549	2.634412	.1784528	1.659878	.4546154	.0629489
#2	.2740859	2.653651	.1782429	1.686260	.4510699	.0638857
#3	.2704727	2.654652	.1789817	1.732745	.4475915	.0640519

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.227653	.2667526	.1876213	9.093505	F 5.799000	F .2397474
Stddev	.327091	.0050719	.0010603	.066548	.028890	.0035229
%RSD	14.68323	1.901331	.5651170	.7318142	.4981880	1.469428

#1	1.878054	.2712658	.1870150	9.054387	5.828176	.2379406
#2	2.278659	.2612639	.1870033	9.055785	5.798419	.2374945
#3	2.526244	.2677283	.1888456	9.170344	5.770405	.2438072

Sample Name: PB116578BS Acquired: 01/23/2019 16:46:53 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.3582634	F -.013530	.7867781	.6164913	.1791041	.1638223
Stddev	.0024170	.003786	.0103647	.0057406	.0019859	.0012384
%RSD	.6746383	27.98623	1.317354	.9311693	1.108780	.7559666

#1	.3607028	-.016098	.7806598	.6224005	.1768641	.1639491
#2	.3582179	-.015310	.7809293	.6161377	.1797990	.1625253
#3	.3558695	-.009181	.7987451	.6109357	.1806491	.1649925

Elem	Sr4077
Units	ppm
Avg	.1680798
Stddev	.0013915
%RSD	.8278562

#1	.1677856
#2	.1668589
#3	.1695948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.465	2426.762	49678.24	5115.127	3777.927
Stddev	4.043	17.191	129.34	36.413	28.350
%RSD	.1825712	.7083819	.2603481	.7118616	.7504095

#1	2216.708	2408.803	49808.27	5126.060	3748.150
#2	2216.888	2428.418	49549.61	5144.820	3781.037
#3	2209.797	2443.065	49676.86	5074.500	3804.593

Sample Name: PB116521BL Acquired: 01/23/2019 16:50:32 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0011377	-.000778	-.000803	.0015999	-.001605	.0029101	-.005469
Stddev	.0030341	.001489	.000839	.0002887	.000665	.0039037	.000183
%RSD	266.6899	191.4458	104.5018	18.04613	41.44309	134.1419	3.354893

#1	-.001649	.000180	-.001224	.0018627	-.002369	.0038811	-.005262
#2	.004370	-.002493	.000163	.0012909	-.001155	-.001387	-.005537
#3	.000692	-.000020	-.001347	.0016461	-.001292	.006237	-.005609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	.0000396	.0060630	-.000267	.0001846	.0045640	.0178870
Stddev	.000030	.0000372	.0063895	.000147	.0001465	.0024690	.0242099
%RSD	92.72684	94.04529	105.3848	54.95447	79.38931	54.09652	135.3489

#1	-.000005	.0000622	-.001155	-.000124	.0002865	.0072675	.0141162
#2	-.000065	-.000003	.010994	-.000260	.0000167	.0039962	-.004216
#3	-.000028	.000060	.008351	-.000417	.0002506	.0024285	.043761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001916	-.035522	-.000205	.0007009	-.295795	.0051912	-.001186
Stddev	.0017593	.026679	.000174	.0002999	.036230	.0018098	.000050
%RSD	918.3865	75.10590	84.62127	42.77929	12.24835	34.86333	4.208191

#1	.0020205	-.042330	-.000025	.0003763	-.266333	.0048711	-.001171
#2	-.001489	-.006098	-.000371	.0009674	-.336248	.0035628	-.001146
#3	.000043	-.058137	-.000220	.0007591	-.284805	.0071398	-.001242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550304	-.003941	-.004413	-.000063	-.005793	.0018863	-.001815
Stddev	.0260813	.001494	.000568	.000146	.000664	.0002359	.000801
%RSD	47.39435	37.91813	12.88119	230.3516	11.46327	12.50693	44.10726

#1	.0731899	-.004362	-.005062	-.000225	-.006194	.0020003	-.002388
#2	.0667570	-.002281	-.004170	-.000023	-.006158	.0020436	-.000900
#3	.0251442	-.005179	-.004006	.000058	-.005026	.0016150	-.002158

Sample Name: PB116521BL Acquired: 01/23/2019 16:50:32 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0006155	-.009189	-.000064
Stddev	.0011088	.001689	.000053
%RSD	180.1520	18.38017	83.27626

#1	.0005515	-.007675	-.000124
#2	-.000460	-.011011	-.000023
#3	.001755	-.008882	-.000044

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.996	2429.619	49430.63	5078.327	3748.338
Stddev	12.701	9.935	238.95	23.739	11.560
%RSD	.5752468	.4089253	.4833957	.4674574	.3084022

#1	2196.147	2426.005	49215.64	5063.560	3748.766
#2	2206.434	2440.855	49687.89	5105.710	3759.678
#3	2221.406	2421.996	49388.37	5065.710	3736.570

Sample Name: K1201-02 Acquired: 01/23/2019 16:54:25 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.005808	-.009275	-.004343	-.002395	.0008134	.0134108	.0748651
Stddev	.001392	.001170	.000935	.001939	.0007102	.0066986	.0005321
%RSD	23.96320	12.61527	21.51905	80.95532	87.30774	49.94913	.7107635

#1	-.007274	-.008083	-.004187	-.004485	.0013288	.0065176	.0754794
#2	-.004505	-.009318	-.003496	-.002046	.0000033	.0198961	.0745472
#3	-.005644	-.010422	-.005345	-.000655	.0011082	.0138186	.0745686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000081	.0006169	15.73349	-.004803	.0007275	.0067178	52.31461
Stddev	.000071	.0000329	.09078	.000135	.0001426	.0020300	.18910
%RSD	87.50521	5.329848	.5769824	2.820912	19.60166	30.21870	.3614610

#1	-.000067	.0006449	15.68703	-.004656	.0007573	.0048396	52.40238
#2	-.000019	.0005807	15.67535	-.004831	.0005724	.0064422	52.09757
#3	-.000159	.0006251	15.83810	-.004923	.0008528	.0088715	52.44386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4377571	4.758397	.0002220	-.002151	68.67762	.0005532	.1069608
Stddev	.0035324	.032212	.0001417	.000129	.07581	.0018820	.0007433
%RSD	.8069328	.6769410	63.84372	6.017326	.1103786	340.1878	.6949405

#1	.4417738	4.791857	.0003121	-.002203	68.66503	.0019014	.1076119
#2	.4351340	4.727599	.0000586	-.002247	68.60889	-.001597	.1061509
#3	.4363636	4.755736	.0002951	-.002004	68.75893	.001355	.1071194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.588983	-.000076	-.070333	-.000073	2.445128	.2576042	-.001272
Stddev	.035368	.002255	.000164	.000116	.016082	.0023546	.000402
%RSD	1.366094	2982.548	.2329307	158.0388	.6577300	.9140213	31.61496

#1	2.573493	-.000420	-.070313	-.000021	2.463323	.2600627	-.001461
#2	2.564002	-.002139	-.070505	.000007	2.432812	.2553696	-.000810
#3	2.629453	.002332	-.070180	-.000206	2.439249	.2573804	-.001544

Sample Name: K1201-02 Acquired: 01/23/2019 16:54:25 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000510	-.001943	.0690324
Stddev	.000503	.001005	.0001612
%RSD	98.69459	51.72487	.2334966

#1	-.000453	-.002902	.0692172
#2	-.001039	-.000898	.0689591
#3	-.000037	-.002027	.0689209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.950	2288.496	47900.29	4944.017	3587.560
Stddev	22.168	15.976	207.10	18.514	26.903
%RSD	1.063219	.6980857	.4323651	.3744711	.7498909

#1	2059.943	2270.057	47727.03	4962.190	3557.173
#2	2092.719	2297.236	47844.17	4944.680	3608.341
#3	2102.187	2298.194	48129.67	4925.180	3597.166

Sample Name: PB116566BS Acquired: 01/23/2019 16:58:16 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.7918245	2.056767	.9864355	1.685153	.8733122	2.093459
Stddev	.0019068	.015345	.0058394	.011535	.0030316	.006139
%RSD	.2408124	.7460741	.5919737	.6844822	.3471441	.2932373

#1	.7908101	2.047715	.9818492	1.684935	.8749034	2.093250
#2	.7906393	2.048101	.9844482	1.673729	.8698162	2.087428
#3	.7940240	2.074485	.9930092	1.696796	.8752169	2.099700

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2162592	.1756404	.1863923	1.058087	.4163825	.2090329
Stddev	.0010837	.0007744	.0007571	.004843	.0037017	.0011646
%RSD	.5011139	.4408990	.4061793	.4577579	.8890090	.5571134

#1	.2150945	.1751751	.1859710	1.053391	.4122966	.2083643
#2	.2164453	.1765343	.1859396	1.057804	.4195125	.2083569
#3	.2172378	.1752117	.1872663	1.063066	.4173384	.2103776

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3213169	3.130831	.2114465	1.957259	.5267470	.0723522
Stddev	.0055120	.060139	.0016587	.109979	.0025034	.0005976
%RSD	1.715427	1.920855	.7844743	5.619016	.4752565	.8259063

#1	.3174435	3.132077	.2097115	1.830268	.5258696	.0723690
#2	.3276273	3.070079	.2116114	2.020197	.5248003	.0717464
#3	.3188801	3.190337	.2130167	2.021313	.5295709	.0729412

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.649566	.3187132	.2074813	10.66282	F 6.352707	.2598725
Stddev	.063508	.0012174	.0001574	.06118	.044080	.0012690
%RSD	2.396939	.3819747	.0758679	.5737443	.6938727	.4883117

#1	2.679199	.3181996	.2075746	10.59303	6.320037	.2605504
#2	2.692842	.3178368	.2072996	10.70720	6.335242	.2584085
#3	2.576657	.3201033	.2075698	10.68822	6.402843	.2606586

Sample Name: PB116566BS Acquired: 01/23/2019 16:58:16 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.4475368	F -.010371	.8557768	.7375683	.2187852	.1965158
Stddev	.0016463	.001267	.0037544	.0049240	.0010515	.0016799
%RSD	.3678508	12.21795	.4387119	.6675971	.4805953	.8548488

#1	.4470512	-.009007	.8590879	.7331916	.2189980	.1946116
#2	.4461879	-.011512	.8565446	.7366136	.2176436	.1971477
#3	.4493712	-.010593	.8516978	.7428997	.2197139	.1977882

Elem	Sr4077
Units	ppm
Avg	.2021654
Stddev	.0003235
%RSD	.1600304

#1	.2018106
#2	.2022416
#3	.2024441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.832	2304.844	48186.42	5001.991	3611.041
Stddev	6.993	7.321	338.38	18.737	11.365
%RSD	.3305303	.3176295	.7022409	.3745961	.3147352

#1	2123.903	2303.509	48577.12	5009.410	3614.636
#2	2112.016	2312.741	47986.94	4980.680	3620.175
#3	2111.577	2298.283	47995.19	5015.882	3598.313

Sample Name: PB116521TB Acquired: 01/23/2019 17:01:55 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.004599	-.003313	-.001147	.0027043	-.001966	.0204615
Stddev	.002144	.001375	.001909	.0010967	.000555	.0047154
%RSD	46.61497	41.51955	166.3921	40.55259	28.24702	23.04497

#1	-.006992	-.002651	.000130	.0039272	-.002161	.0197997
#2	-.003948	-.002393	-.003342	.0023775	-.002397	.0254728
#3	-.002855	-.004894	-.000230	.0018082	-.001339	.0161120

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005213	-.000344	.0000981	-.005949	.0003480	-.000191
Stddev	.000823	.000041	.0001180	.007119	.0003748	.000130
%RSD	15.77948	11.91420	120.3087	119.6741	107.6792	68.11582

#1	-.005673	-.000370	-.000016	-.010649	.0007782	-.000339
#2	-.005701	-.000366	.000220	.002242	.0000926	-.000140
#3	-.004263	-.000297	.000090	-.009440	.0001732	-.000094

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003721	.0201220	.0002268	-.039588	.0032316	.0030650
Stddev	.0027212	.0056261	.0007009	.013730	.0001695	.0004998
%RSD	731.3452	27.95991	309.0553	34.68328	5.243423	16.30586

#1	.0003924	.0145002	-.000522	-.049148	.0033172	.0030418
#2	.0030831	.0257523	.000868	-.023854	.0030364	.0035760
#3	-.002359	.0201135	.000334	-.045761	.0033412	.0025772

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 363.8820	-.002902	.0003609	-.066446	-.000157	-.003447
Stddev	1.3251	.003788	.0001452	.078947	.000645	.000609
%RSD	.3641664	130.5436	40.21413	118.8138	410.9941	17.65589

#1	362.4500	.001065	.0004171	-.135314	.000309	-.003446
#2	364.1310	-.003288	.0001961	-.083737	.000113	-.004056
#3	365.0649	-.006482	.0004696	.019713	-.000893	-.002839

Sample Name: PB116521TB Acquired: 01/23/2019 17:01:55 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0002128	-.000202	.0029788	-.000366	.0006235	-.009264
Stddev	.0001518	.001129	.0004833	.001296	.0015335	.000523
%RSD	71.35887	558.2469	16.22554	353.8257	245.9239	5.643754

#1	.0003697	.000573	.0024668	-.001503	.0021133	-.009235
#2	.0000666	.000318	.0030424	.001045	-.000950	-.009801
#3	.0002021	-.001498	.0034271	-.000640	.000708	-.008757

Elem	Sr4077
Units	ppm
Avg	-.000079
Stddev	.000040
%RSD	50.90012

#1	-.000045
#2	-.000123
#3	-.000068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.789	2194.273	47659.01	4966.686	3315.982
Stddev	5.495	50.677	137.52	32.765	70.744
%RSD	.2648624	2.309532	.2885403	.6597016	2.133439

#1	2080.174	2140.413	47790.39	4995.542	3241.189
#2	2075.005	2241.015	47516.08	4931.067	3381.827
#3	2069.189	2201.390	47670.55	4973.450	3324.928

Sample Name: PB116547BL Acquired: 01/23/2019 17:05:49 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0003243	-.002199	-.001450	.0005694	-.001270	.0003728	-.005610
Stddev	.0012628	.001075	.001371	.0010425	.000630	.0006007	.000528
%RSD	389.3774	48.86753	94.50884	183.0642	49.65673	161.1115	9.414570

#1	-.001058	-.003246	-.000228	.0014428	-.001653	.0002305	-.005001
#2	.000614	-.002252	-.001191	.0008502	-.001614	-.000144	-.005937
#3	.001417	-.001099	-.002932	-.000585	-.000542	.001032	-.005893

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	.0000063	.0141550	.0000656	.0000071	.0017353	.0061162
Stddev	.000038	.0000344	.0099781	.0002099	.0000797	.0011344	.0092779
%RSD	56.20245	545.3152	70.49196	319.8711	1116.228	65.36840	151.6928

#1	-.000024	-.000003	.0083867	.0002896	-.000003	.0023871	-.001874
#2	-.000086	.000044	.0084016	.0000339	-.000067	.0023934	.016292
#3	-.000094	-.000023	.0256768	-.000127	.000091	.0004255	.003931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010155	-.016665	-.000334	.0004555	-.173156	.0010531	-.001038
Stddev	.0008097	.029837	.000272	.0007155	.099949	.0032015	.000355
%RSD	79.73882	179.0344	81.58673	157.0711	57.72200	304.0082	34.14746

#1	.0008029	-.043848	-.000457	.0003382	-.280923	-.002639	-.001323
#2	.0019102	-.021406	-.000022	-.000194	-.155042	.003057	-.000641
#3	.0003332	.015258	-.000522	.001222	-.083503	.002741	-.001151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0897586	-.003447	-.005879	.0000253	-.005835	.0020622	-.002004
Stddev	.0128323	.000865	.000235	.0001095	.000906	.0007986	.001047
%RSD	14.29648	25.09439	3.995665	432.5897	15.52918	38.72500	52.23309

#1	.0918299	-.004227	-.005912	-.000032	-.006340	.0026954	-.002752
#2	.0760166	-.003598	-.006095	-.000043	-.004789	.0011650	-.000808
#3	.1014292	-.002517	-.005629	.000152	-.006375	.0023261	-.002451

Sample Name: PB116547BL Acquired: 01/23/2019 17:05:49 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0016200	-.008160	-.000070
Stddev	.0005711	.000574	.000042
%RSD	35.25349	7.035017	60.48346

#1	.0010396	-.007925	-.000119
#2	.0021813	-.007741	-.000050
#3	.0016390	-.008814	-.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.547	2376.050	48957.60	5054.350	3672.114
Stddev	3.625	2.905	184.29	20.635	8.170
%RSD	.1663144	.1222712	.3764191	.4082548	.2224854

#1	2176.763	2372.774	48763.43	5065.480	3674.318
#2	2183.646	2378.313	49130.09	5030.540	3678.955
#3	2178.233	2377.063	48979.27	5067.030	3663.068

Sample Name: CCV06 Acquired: 01/23/2019 17:09:44 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.190293	5.259419	4.978885	5.058500	5.385976	10.21945
Stddev	.013101	.007471	.008346	.021364	.020209	.02027
%RSD	.2524219	.1420481	.1676343	.4223301	.3752150	.1983177

#1	5.192729	5.267794	4.985628	5.077714	5.402981	10.19795
#2	5.176144	5.253439	4.969550	5.035495	5.363634	10.23821
#3	5.202005	5.257025	4.981476	5.062290	5.391312	10.22221

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76026	.2347556	2.320862	26.60900	.9812789	2.507951
Stddev	.03306	.0006417	.004737	.11187	.0032455	.005788
%RSD	.3072243	.2733553	.2040929	.4204258	.3307379	.2307910

#1	10.79090	.2342033	2.325938	26.48225	.9849829	2.512478
#2	10.76468	.2346039	2.316560	26.65077	.9799199	2.501429
#3	10.72522	.2354596	2.320088	26.69397	.9789338	2.509946

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.279109	4.947020	2.491232	25.05641	2.542203	1.227643
Stddev	.007899	.017704	.011966	.08733	.005682	.002227
%RSD	.6175107	.3578671	.4803097	.3485204	.2235160	.1814200

#1	1.287385	4.934958	2.487224	24.96254	2.546428	1.230200
#2	1.278290	4.938758	2.481785	25.07144	2.535743	1.226130
#3	1.271652	4.967344	2.504688	25.13525	2.544437	1.226598

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.02968	2.521269	2.590484	26.66182	F 5.793962	4.724493
Stddev	.24244	.020713	.010505	.07912	.015114	.020870
%RSD	.9313881	.8215211	.4055088	.2967563	.2608618	.4417402

#1	25.91154	2.510112	2.592201	26.58657	5.802909	4.710515
#2	25.86897	2.545168	2.600025	26.65458	5.776511	4.714482
#3	26.30854	2.508527	2.579227	26.74431	5.802465	4.748483

Sample Name: CCV06 Acquired: 01/23/2019 17:09:44 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	5.103238	4.889625	4.645764	4.946803	5.105180	5.149816
Stddev	.019483	.012595	.025017	.006696	.009691	.006621
%RSD	.3817864	.2575825	.5384796	.1353556	.1898327	.1285748

#1	5.118016	4.901532	4.631185	4.954113	5.105474	5.155570
#2	5.081158	4.876440	4.631458	4.940967	5.114720	5.151299
#3	5.110539	4.890904	4.674651	4.945331	5.095344	5.142579

Elem	Sr4077
Units	ppm
Avg	4.981448
Stddev	.014792
%RSD	.2969441

#1	4.990537
#2	4.989428
#3	4.964380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.643	2322.301	48751.38	5010.011	3555.039
Stddev	11.392	4.558	194.81	2.264	5.813
%RSD	.5314509	.1962670	.3996087	.0451906	.1635064

#1	2140.373	2318.375	48544.30	5011.266	3548.356
#2	2134.243	2327.300	48778.83	5007.398	3557.834
#3	2156.312	2321.230	48931.02	5011.370	3558.925

Sample Name: CCB06 Acquired: 01/23/2019 17:13:14 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.002155	-.001359	-.001099	.0023657	-.001668	.0071993	-.005095
Stddev	.002052	.000687	.000930	.0024021	.000363	.0080247	.000284
%RSD	95.23959	50.56430	84.64245	101.5372	21.77406	111.4646	5.564627

#1	-.001581	-.001195	-.000154	.0021862	-.001374	.0015237	-.005373
#2	-.004433	-.002114	-.002013	.0000585	-.002074	.0036939	-.004807
#3	-.000451	-.000770	-.001129	.0048526	-.001556	.0163803	-.005106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000067	.0000160	.0023834	.0001031	-.000007	-.004748	.0077465
Stddev	.000003	.0000358	.0179212	.0004034	.000028	.001165	.0111102
%RSD	3.744383	224.2058	751.9118	391.4017	386.7121	24.54704	143.4229

#1	-.000069	.0000555	-.001179	.0001529	-.000009	-.006093	.0092858
#2	-.000068	.0000067	.021818	-.000323	-.000034	-.004100	-.004053
#3	-.000064	-.000014	-.013489	.000479	.000022	-.004051	.018007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002016	-.038460	-.000522	.0004892	-.421003	-.000745	-.001042
Stddev	.0009431	.019044	.000302	.0001918	.055695	.002172	.000294
%RSD	467.7638	49.51593	57.84134	39.20957	13.22922	291.4084	28.23114

#1	-.000719	-.024941	-.000782	.0006767	-.363373	-.003254	-.001373
#2	.001166	-.060239	-.000594	.0002933	-.474538	.000544	-.000940
#3	.000158	-.030200	-.000191	.0004974	-.425099	.000473	-.000812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614927	-.003590	.0030157	.0002936	-.006860	.0037222	-.001384
Stddev	.0499270	.001999	.0011691	.0001671	.001618	.0005464	.000190
%RSD	81.19184	55.70198	38.76722	56.91432	23.58079	14.67831	13.75269

#1	.0924418	-.001745	.0032274	.0004319	-.008515	.0039322	-.001397
#2	.0038954	-.005714	.0040645	.0003411	-.006784	.0041324	-.001568
#3	.0881407	-.003310	.0017552	.0001079	-.005282	.0031020	-.001187

Sample Name: CCB06 Acquired: 01/23/2019 17:13:14 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000124	-.007712	-.000078
Stddev	.001555	.000981	.000061
%RSD	1251.901	12.71593	77.57261

#1	.001644	-.007128	-.000011
#2	-.000737	-.008844	-.000094
#3	-.001280	-.007164	-.000130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.564	2397.356	49178.97	5072.623	3694.001
Stddev	13.333	5.681	232.36	7.917	6.694
%RSD	.6106092	.2369792	.4724872	.1560728	.1812154

#1	2198.412	2393.795	49441.54	5063.520	3690.832
#2	2172.615	2403.907	48999.90	5077.900	3701.691
#3	2179.664	2394.365	49095.46	5076.450	3689.480

Sample Name: PB116578BL Acquired: 01/23/2019 17:21:02 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.001707	-.001231	-.001710	.0005283	-.002008	.0101356	-.004641
Stddev	.002761	.000766	.001394	.0017998	.000604	.0008666	.000654
%RSD	161.7988	62.22737	81.54653	340.6597	30.09773	8.550569	14.08096

#1	.000681	-.000532	-.000358	.0021597	-.001481	.0099985	-.004906
#2	-.004731	-.002050	-.003143	.0008276	-.002668	.0110626	-.005121
#3	-.001070	-.001111	-.001629	-.001402	-.001876	.0093456	-.003897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0000335	.0224328	-.000056	.0001756	.0014965	.0303609
Stddev	.000040	.0000217	.0208611	.000260	.0001382	.0029302	.0139786
%RSD	185.1041	64.77108	92.99400	464.2028	78.68189	195.7977	46.04136

#1	-.000027	.0000556	-.001055	-.000281	.0003132	.0047949	.0392392
#2	.000021	.0000123	.038805	.000229	.0001767	.0005005	.0142478
#3	-.000058	.0000327	.029549	-.000115	.0000369	-.000806	.0375958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008787	-.016255	-.000232	.0007616	-.430520	-.000230	-.001028
Stddev	.0015487	.019314	.000156	.0000525	.185983	.002132	.000100
%RSD	176.2381	118.8221	67.01688	6.899088	43.19958	925.2430	9.711857

#1	.0003304	-.035888	-.000100	.0008151	-.604452	-.001990	-.001138
#2	-.000321	-.015599	-.000404	.0007101	-.452642	-.000841	-.000943
#3	.002627	.002723	-.000193	.0007595	-.234465	.002140	-.001004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0389761	-.004879	-.004404	.0001282	-.005324	.0029729	-.002213
Stddev	.0823507	.001857	.000827	.0000587	.003414	.0011622	.000455
%RSD	211.2853	38.05882	18.77844	45.78819	64.12735	39.09339	20.57200

#1	.1076510	-.005475	-.004376	.0001884	-.002906	.0016434	-.001864
#2	-.052322	-.006365	-.005245	.0000712	-.009230	.0034796	-.002048
#3	.061599	-.002798	-.003592	.0001250	-.003836	.0037958	-.002728

Sample Name: PB116578BL Acquired: 01/23/2019 17:21:02 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0010351	-.009274	-.000112
Stddev	.0016353	.000510	.000077
%RSD	157.9906	5.493997	68.77558

#1	-.000098	-.009857	-.000201
#2	.002910	-.009055	-.000081
#3	.000293	-.008911	-.000056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2187.256	2390.247	48985.31	5028.027	3691.469
Stddev	6.998	7.533	88.48	4.771	10.402
%RSD	.3199250	.3151412	.1806260	.0948923	.2817910

#1	2179.177	2381.624	49031.65	5023.570	3680.403
#2	2191.404	2393.574	48883.28	5027.450	3701.047
#3	2191.187	2395.543	49040.99	5033.060	3692.957

Sample Name: PB116578TB Acquired: 01/23/2019 17:28:49 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.002598	-.003945	-.001254	.0032114	-.000772	.0031332
Stddev	.001957	.000561	.001267	.0015620	.001472	.0056853
%RSD	75.33745	14.22362	101.0822	48.64040	190.6023	181.4569

#1	-.002895	-.004430	-.001978	.0025707	.000727	.0034597
#2	-.004390	-.003331	-.001993	.0049919	-.002215	-.002708
#3	-.000509	-.004075	.000210	.0020716	-.000828	.008648

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005058	-.000352	.0001954	.0288579	.0006680	-.000344
Stddev	.000352	.000033	.0000356	.0053066	.0001211	.000218
%RSD	6.951275	9.376188	18.22785	18.38869	18.13010	63.39932

#1	-.004654	-.000326	.0002060	.0316506	.0007983	-.000565
#2	-.005224	-.000389	.0001557	.0321849	.0005590	-.000336
#3	-.005296	-.000341	.0002246	.0227382	.0006466	-.000130

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003387	.0275830	.0004641	.0105405	.0021367	.0024566
Stddev	.002146	.0072249	.0005020	.0693532	.0004284	.0001884
%RSD	63.34914	26.19334	108.1711	657.9682	20.05127	7.668573

#1	-.001819	.0220480	.0005271	.0002876	.0026294	.0022569
#2	-.002510	.0357563	-.000066	.0844494	.0018514	.0026311
#3	-.005833	.0249449	.000932	-.053115	.0019294	.0024819

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 300.2219	.0050000	.0033562	-.093782	-.002110	-.003662
Stddev	.6345	.0061547	.0001398	.026177	.000403	.001068
%RSD	.2113340	123.0942	4.165056	27.91283	19.11402	29.15282

#1	300.0700	.0032154	.0034073	-.063563	-.002344	-.002619
#2	300.9186	.0118497	.0031980	-.109477	-.001644	-.004753
#3	299.6772	-.000065	.0034632	-.108306	-.002341	-.003615

Sample Name: PB116578TB Acquired: 01/23/2019 17:28:49 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0002226	.0036001	.0037849	-.001755	.0002041	-.008132
Stddev	.0002715	.0016841	.0004177	.000901	.0012261	.001216
%RSD	121.9907	46.78051	11.03529	51.31585	600.7525	14.95183

#1	.0001797	.0020448	.0033045	-.002135	-.001211	-.006868
#2	-.000025	.0033667	.0040613	-.002403	.000941	-.008235
#3	.000513	.0053887	.0039891	-.000727	.000883	-.009293

Elem	Sr4077
Units	ppm
Avg	-.000102
Stddev	.000055
%RSD	54.51146

#1	-.000052
#2	-.000092
#3	-.000161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.683	2285.997	48658.97	5028.064	3476.277
Stddev	7.278	7.149	190.16	28.250	9.820
%RSD	.3418931	.3127131	.3908030	.5618476	.2824757

#1	2125.574	2279.779	48456.43	5013.085	3479.898
#2	2136.999	2293.808	48686.79	5010.459	3483.772
#3	2123.475	2284.405	48833.68	5060.649	3465.161

Sample Name: PB116522BL Acquired: 01/23/2019 17:32:43 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.001918	-.001736	-.001499	-.000716	-.001617	.0056811	-.005312
Stddev	.001553	.000861	.000935	.001077	.000688	.0087369	.000565
%RSD	80.96812	49.57204	62.34097	150.4490	42.54773	153.7877	10.63649

#1	-.003678	-.002635	-.000606	.000267	-.001827	.0013028	-.004660
#2	-.001338	-.000920	-.001421	-.001868	-.002176	.0157415	-.005658
#3	-.000739	-.001653	-.002471	-.000547	-.000849	-.000001	-.005619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	.0000211	.0068580	-.000113	.0002966	.0002277	.0045382
Stddev	.000021	.0000513	.0076577	.000462	.0001700	.0010628	.0054078
%RSD	31.37856	243.0209	111.6609	407.5581	57.33676	466.7202	119.1627

#1	-.000089	-.000024	.0114562	-.000499	.0002550	.0001557	-.000769
#2	-.000060	.000077	.0110999	.000399	.0001512	-.000797	.010042
#3	-.000049	.000011	-.001982	-.000241	.0004836	.001325	.004342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003647	-.001984	.0000013	.0005719	-.377496	.0001371	-.001045
Stddev	.0008089	.034954	.0001227	.0003042	.105766	.0039023	.000095
%RSD	221.7633	1762.174	9738.641	53.18918	28.01774	2846.665	9.067295

#1	-.000263	.024127	-.000094	.0002290	-.497248	-.001590	-.000972
#2	.001277	.011615	.000140	.0006775	-.296861	.004605	-.001152
#3	.000080	-.041693	-.000043	.0008091	-.338378	-.002604	-.001011

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079992	-.005066	-.006527	.0000149	-.007159	.0023645	-.002646
Stddev	.0051429	.001859	.000664	.0001137	.003152	.0005212	.000396
%RSD	64.29304	36.69477	10.17667	765.2133	44.02297	22.04111	14.97719

#1	.0078303	-.007037	-.007124	.0001299	-.010769	.0025318	-.002911
#2	.0029428	-.003343	-.006646	-.000097	-.005749	.0027814	-.002190
#3	.0132245	-.004819	-.005811	.000012	-.004958	.0017802	-.002836

Sample Name: PB116522BL Acquired: 01/23/2019 17:32:43 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0013345	-.009403	-.000068
Stddev	.0012154	.001612	.000070
%RSD	91.07012	17.14272	102.1853

#1	.0027326	-.009751	-.000027
#2	.0005296	-.010812	-.000029
#3	.0007415	-.007645	-.000149

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.231	2443.483	49804.35	5097.837	3772.749
Stddev	10.590	8.985	245.54	39.222	12.841
%RSD	.4752429	.3676948	.4930105	.7693802	.3403556

#1	2224.755	2446.695	49556.48	5054.210	3777.914
#2	2219.816	2450.420	49809.07	5130.180	3782.203
#3	2240.122	2433.334	50047.50	5109.120	3758.130

Sample Name: PB116522TB Acquired: 01/23/2019 17:47:50 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.005102	-.004304	-.001337	.0009189	-.000719	.0033406
Stddev	.001134	.001511	.001009	.0018209	.000903	.0070668
%RSD	22.22873	35.10079	75.46409	198.1573	125.5571	211.5392

#1	-.005318	-.004125	-.002083	.0016829	.000273	-.001454
#2	-.006112	-.002891	-.001738	-.001159	-.000938	.011456
#3	-.003875	-.005896	-.000189	.002233	-.001493	.000020

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005746	-.000348	.0001581	.0190978	.0004531	-.000094
Stddev	.000927	.000036	.0000787	.0128491	.0003569	.000142
%RSD	16.13424	10.33897	49.78364	67.28065	78.76353	151.7724

#1	-.006535	-.000374	.0002489	.0311105	.0005560	-.000247
#2	-.004725	-.000307	.0001165	.0055502	.0007472	-.000071
#3	-.005978	-.000364	.0001090	.0206325	.0000561	.000036

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008882	.0086651	.0003102	-.009189	.0030062	.0022861
Stddev	.0051076	.0007345	.0007223	.032295	.0002021	.0002847
%RSD	575.0273	8.477058	232.8228	351.4325	6.722390	12.45158

#1	-.003277	.0094764	-.000524	-.030235	.0030685	.0024778
#2	.006587	.0080451	.000725	.027994	.0031699	.0024214
#3	-.000644	.0084738	.000729	-.025327	.0027803	.0019590

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 304.7391	.0027911	.0032049	-.123323	-.002824	-.004486
Stddev	.8466	.0030109	.0000752	.005497	.002388	.000782
%RSD	.2778251	107.8777	2.345935	4.457029	84.57581	17.43377

#1	305.2162	.0059302	.0032857	-.126046	-.002253	-.004288
#2	305.2396	-.000073	.0031921	-.126927	-.000773	-.003823
#3	303.7616	.002516	.0031369	-.116997	-.005445	-.005349

Sample Name: PB116522TB Acquired: 01/23/2019 17:47:50 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0000556	.0029051	.0042827	-.001617	.0014871	-.008665
Stddev	.0000984	.0036903	.0000654	.000631	.0005963	.001149
%RSD	176.8742	127.0313	1.527887	39.03193	40.10092	13.25851

#1	-.000058	.0002397	.0042590	-.002112	.0021521	-.008612
#2	.000111	.0013585	.0043567	-.000906	.0013093	-.007544
#3	.000114	.0071171	.0042324	-.001834	.0009999	-.009840

Elem	Sr4077
Units	ppm
Avg	-.000024
Stddev	.000100
%RSD	420.9306

#1	.000033
#2	-.000139
#3	.000035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.542	2284.024	48677.40	5019.525	3480.695
Stddev	7.998	4.900	129.44	43.522	8.933
%RSD	.3752207	.2145170	.2659228	.8670453	.2566507

#1	2123.179	2283.410	48565.41	4972.581	3483.437
#2	2139.117	2289.201	48647.66	5027.462	3487.936
#3	2132.331	2279.459	48819.12	5058.532	3470.713

Sample Name: K1219-01 Acquired: 01/23/2019 17:51:45 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0065553	-.005024	.0227571	.0040328	.0030814	160.9170	.8548278
Stddev	.0015917	.001504	.0022769	.0017811	.0038088	.4222	.0019876
%RSD	24.28062	29.93031	10.00532	44.16531	123.6051	.2623582	.2325138

#1	.0080368	-.003310	.0204085	.0044001	.0032083	160.8348	.8567953
#2	.0067565	-.005639	.0249548	.0020967	-.000789	161.3743	.8548673
#3	.0048726	-.006122	.0229081	.0056017	.006825	160.5420	.8528208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003895	.0016739	36.88267	.0344047	.0042122	.7353025	30.74382
Stddev	.0000144	.0000274	.28387	.0004635	.0000596	.0040466	.32661
%RSD	3.697806	1.633582	.7696583	1.347142	1.415260	.5503347	1.062370

#1	.0003974	.0017050	36.66987	.0343813	.0042714	.7315600	30.44403
#2	.0003983	.0016535	37.20499	.0339534	.0041522	.7395966	31.09188
#3	.0003729	.0016634	36.77316	.0348795	.0042129	.7347508	30.69553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3767875	7.664335	.0241989	.0038874	3.156006	.0137958	2.845939
Stddev	.0057004	.114472	.0004668	.0003066	.134459	.0064940	.011286
%RSD	1.512889	1.493573	1.929165	7.886618	4.260431	47.07213	.3965549

#1	.3714262	7.613656	.0237193	.0036766	3.310005	.0177037	2.857294
#2	.3827752	7.795399	.0242257	.0042391	3.096111	.0173842	2.845800
#3	.3761611	7.583950	.0246518	.0037464	3.061902	.0062995	2.834724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.301155	105.9359	.0492754	.0116643	16.08621	1.873705	.0554071
Stddev	.091685	.4720	.0012357	.0001263	.07023	.011921	.0007176
%RSD	1.104484	.4455782	2.507774	1.082323	.4365941	.6362342	1.295095

#1	8.215774	105.6924	.0478505	.0115261	16.06180	1.868818	.0546732
#2	8.398056	105.6354	.0499223	.0117735	16.03144	1.887293	.0561072
#3	8.289636	106.4800	.0500534	.0116934	16.16539	1.865004	.0554410

Sample Name: K1219-01 Acquired: 01/23/2019 17:51:45 Type: Unk
 Method: NON EPA-6010-200.7(v54) 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	.1823903	-.009902	.6593055
Stddev	.0045999	.000902	.0006402
%RSD	2.521998	9.112589	.0971022

#1	.1832200	-.010903	.6600350
#2	.1865189	-.009653	.6590438
#3	.1774321	-.009150	.6588376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.403	2482.283	52052.41	5367.697	3814.414
Stddev	17.691	17.471	172.37	41.121	19.553
%RSD	.7733889	.7038466	.3311532	.7660873	.5126090

#1	2268.435	2496.200	51853.84	5383.869	3829.626
#2	2290.319	2487.974	52139.80	5320.948	3821.257
#3	2303.454	2462.676	52163.58	5398.274	3792.360

Sample Name: PB116510BS Acquired: 01/23/2019 17:55:29 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.7917658	2.009635	.9601816	1.965356	.8167933	2.038282
Stddev	.0023496	.005855	.0038771	.011016	.0022369	.007537
%RSD	.2967587	.2913313	.4037863	.5605067	.2738626	.3697670

#1	.7890608	2.004793	.9567185	1.968174	.8158868	2.034444
#2	.7933000	2.007969	.9594561	1.953205	.8151519	2.033437
#3	.7929365	2.016142	.9643702	1.974689	.8193411	2.046966

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2055822	.1897886	.1868434	1.025257	.3994826	.1979751
Stddev	.0007428	.0009692	.0010679	.011876	.0009349	.0009392
%RSD	.3613415	.5106613	.5715253	1.158376	.2340223	.4743970

#1	.2064106	.1908377	.1861522	1.038563	.4001861	.1972151
#2	.2049753	.1896016	.1863047	1.015729	.3998400	.1976851
#3	.2053606	.1889266	.1880733	1.021478	.3984218	.1990251

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3065148	3.126887	.2049656	1.927810	.5041070	.0723411
Stddev	.0024129	.049135	.0008999	.021406	.0021857	.0003576
%RSD	.7872064	1.571359	.4390481	1.110373	.4335744	.4943602

#1	.3046945	3.165517	.2055164	1.911796	.5024082	.0725116
#2	.3055981	3.143557	.2054532	1.952122	.5033400	.0725816
#3	.3092517	3.071586	.2039271	1.919511	.5065728	.0719301

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.536589	.3002392	.2103907	10.36453	F 6.374305	.2743597
Stddev	.084703	.0044071	.0002061	.02830	.019388	.0013167
%RSD	3.339229	1.467871	.0979581	.2730888	.3041628	.4799085

#1	2.530903	.3046808	.2103361	10.35055	6.380998	.2758799
#2	2.623992	.3001694	.2106186	10.34593	6.352457	.2736177
#3	2.454873	.2958674	.2102174	10.39710	6.389460	.2735815

Sample Name: PB116510BS Acquired: 01/23/2019 17:55:29 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.4118612	F -.005311	.9251918	.6917702	.2049698	.1886432
Stddev	.0031471	.001708	.0071545	.0008132	.0019426	.0005738
%RSD	.7641172	32.15239	.7732971	.1175572	.9477347	.3041746

#1	.4098815	-.004636	.9328161	.6925990	.2052065	.1892968
#2	.4102120	-.007253	.9241346	.6909734	.2067832	.1882222
#3	.4154902	-.004044	.9186248	.6917383	.2029198	.1884105

Elem	Sr4077
Units	ppm
Avg	.1961740
Stddev	.0002311
%RSD	.1178003

#1	.1960429
#2	.1960383
#3	.1964409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.523	2519.313	51617.17	5232.757	3955.870
Stddev	2.415	9.057	176.43	36.661	14.374
%RSD	.1048743	.3595152	.3418049	.7006018	.3633647

#1	2301.620	2516.366	51543.79	5193.670	3949.722
#2	2300.689	2529.476	51489.26	5238.224	3972.296
#3	2305.259	2512.096	51818.44	5266.378	3945.592

Sample Name: PB116547BS Acquired: 01/23/2019 17:59:07 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.7947074	2.005352	.9589491	1.974285	.8156465	2.042367
Stddev	.0051197	.007506	.0024108	.009726	.0043874	.008645
%RSD	.6442223	.3742847	.2513991	.4926211	.5379101	.4232801

#1	.7957939	2.002352	.9568522	1.973984	.8125820	2.049586
#2	.7891317	1.999810	.9584119	1.964713	.8136849	2.044728
#3	.7991967	2.013893	.9615831	1.984157	.8206725	2.032787

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2054230	.1906130	.1879042	1.028699	.3999821	.1983715
Stddev	.0007908	.0011587	.0013067	.003196	.0008166	.0011251
%RSD	.3849670	.6078712	.6953966	.3107099	.2041665	.5671652

#1	.2047389	.1894324	.1872373	1.030860	.4004491	.1976033
#2	.2062889	.1906581	.1870655	1.025027	.3990391	.1978482
#3	.2052413	.1917484	.1894097	1.030209	.4004581	.1996629

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3116295	3.142632	.2039992	1.967948	.5048969	.0722302
Stddev	.0019512	.023776	.0036404	.020737	.0018744	.0002432
%RSD	.6261286	.7565711	1.784512	1.053726	.3712360	.3366950

#1	.3102268	3.150859	.2060331	1.989816	.5039192	.0720504
#2	.3108039	3.161201	.2061681	1.965461	.5037135	.0725069
#3	.3138578	3.115834	.1997964	1.948567	.5070579	.0721333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.596634	.3077412	.2107005	10.30985	F 6.360651	.2768992
Stddev	.011367	.0054767	.0004178	.04772	.034114	.0018453
%RSD	.4377473	1.779652	.1983037	.4628352	.5363240	.6664261

#1	2.608947	.3016376	.2108697	10.25958	6.350863	.2759579
#2	2.586542	.3122263	.2110072	10.31545	6.332502	.2757144
#3	2.594412	.3093596	.2102246	10.35452	6.398589	.2790254

Sample Name: PB116547BS Acquired: 01/23/2019 17:59:07 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.4133180	F -.010513	.9125765	.6914639	.2046659	.1893806
Stddev	.0015781	.002891	.0052589	.0041156	.0022899	.0007634
%RSD	.3818106	27.49573	.5762658	.5952046	1.118871	.4031052

#1	.4121886	-.012073	.9074449	.6915086	.2069751	.1886683
#2	.4126443	-.007178	.9123305	.6873261	.2046269	.1892871
#3	.4151211	-.012288	.9179540	.6955570	.2023957	.1901865

Elem	Sr4077
Units	ppm
Avg	.1966544
Stddev	.0004358
%RSD	.2215917

#1	.1965140
#2	.1971431
#3	.1963062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2299.714	2515.503	51427.95	5221.000	3955.269
Stddev	4.596	7.247	208.51	30.264	11.714
%RSD	.1998353	.2880987	.4054371	.5796594	.2961556

#1	2297.003	2519.082	51310.22	5250.470	3959.419
#2	2297.119	2520.265	51668.70	5222.530	3964.342
#3	2305.020	2507.163	51304.95	5190.000	3942.045

Sample Name: PB116522BS Acquired: 01/23/2019 18:02:46 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.8049195	2.015529	.9648693	1.999102	.8128969	2.084292
Stddev	.0036496	.008524	.0032708	.006874	.0030644	.012851
%RSD	.4534175	.4229174	.3389894	.3438392	.3769727	.6165658

#1	.8091296	2.024992	.9679546	2.006924	.8164140	2.089600
#2	.8026523	2.013143	.9614401	1.996356	.8114749	2.093638
#3	.8029766	2.008452	.9652132	1.994026	.8108019	2.069637

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2080815	.1949779	.1897402	1.033124	.4058757	.1999983
Stddev	.0010458	.0008268	.0004535	.023264	.0013010	.0007608
%RSD	.5026067	.4240389	.2390156	2.251774	.3205314	.3803849

#1	.2092474	.1950865	.1902297	1.047199	.4067088	.2008294
#2	.2072259	.1957450	.1896566	1.045901	.4065418	.1998290
#3	.2077713	.1941021	.1893344	1.006272	.4043766	.1993364

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3186450	3.186572	.2088946	1.996082	.5092885	.0739813
Stddev	.0017001	.023961	.0012379	.091238	.0008643	.0004888
%RSD	.5335536	.7519258	.5926093	4.570834	.1697100	.6607023

#1	.3205148	3.198189	.2088543	2.080408	.5101435	.0743174
#2	.3182283	3.202509	.2101522	1.899228	.5084152	.0734206
#3	.3171920	3.159017	.2076773	2.008609	.5093069	.0742061

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.895456	.3179319	.2136381	10.42679	F 6.386858	.2812208
Stddev	.236156	.0044758	.0009106	.03824	.020917	.0012369
%RSD	8.156092	1.407797	.4262453	.3667059	.3274965	.4398427

#1	3.160960	.3134595	.2146097	10.39713	6.407826	.2800575
#2	2.816557	.3179252	.2128041	10.41331	6.365993	.2825201
#3	2.708850	.3224111	.2135006	10.46995	6.386754	.2810847

Sample Name: PB116522BS Acquired: 01/23/2019 18:02:46 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.4138789	F -.011554	.9179885	.6892431	.2076997	.1927074
Stddev	.0007982	.000418	.0030611	.0022134	.0036328	.0014270
%RSD	.1928515	3.616782	.3334591	.3211293	1.749078	.7405050

#1	.4145681	-.011568	.9167864	.6907125	.2073550	.1929193
#2	.4130044	-.011965	.9214682	.6866974	.2114927	.1911863
#3	.4140642	-.011130	.9157109	.6903193	.2042516	.1940166

Elem	Sr4077
Units	ppm
Avg	.2010823
Stddev	.0005052
%RSD	.2512596

#1	.2016540
#2	.2006958
#3	.2008972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.475	2514.874	51145.39	5182.987	3958.870
Stddev	11.781	10.767	98.68	14.447	18.811
%RSD	.5157192	.4281416	.1929355	.2787370	.4751528

#1	2283.300	2502.533	51075.52	5187.430	3937.175
#2	2296.800	2519.738	51258.27	5166.840	3968.812
#3	2273.325	2522.351	51102.37	5194.690	3970.624

Sample Name: LR CHECK 1 Acquired: 01/23/2019 18:06:07 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.041372	-.095863	-.090042	-.188828	.0374829	1859.400	.0006276
Stddev	.006589	.005091	.000238	.012458	.0061969	29.367	.0008591
%RSD	15.92571	5.310251	.2641597	6.597487	16.53255	1.579374	136.8811

#1	-.034129	-.090610	-.090316	-.203213	.0394277	1890.659	.0014793
#2	-.042979	-.100774	-.089918	-.181514	.0424741	1832.387	.0006423
#3	-.047009	-.096207	-.089892	-.181758	.0305469	1855.154	-.000239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064463	.0067363	1917.845	-.059364	.0866482	.1185664	917.4973
Stddev	.0002220	.0001106	9.681	.000719	.0009153	.0044007	2.4909
%RSD	3.443652	1.641628	.5047674	1.210999	1.056390	3.711596	.2714896

#1	.0067014	.0067457	1926.762	-.060193	.0868996	.1140580	916.0113
#2	.0062965	.0066213	1919.224	-.058927	.0856335	.1187903	920.3730
#3	.0063411	.0068418	1907.549	-.058971	.0874116	.1228509	916.1075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023544	1711.703	.0561100	-.081673	1973.242	.0077658	.1438896
Stddev	.002173	6.566	.0013001	.001658	1.766	.0065131	.0018348
%RSD	9.230009	.3836170	2.317112	2.029603	.0894921	83.86939	1.275128

#1	-.021721	1704.389	.0569809	-.082945	1975.080	.0004696	.1435782
#2	-.025949	1717.091	.0546155	-.079798	1973.087	.0129934	.1422304
#3	-.022963	1713.631	.0567334	-.082276	1971.558	.0098343	.1458601

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	904.7221	-.007817	^ *****	.0039880	.2838583	-.006509	.0124830
Stddev	3.3279	.002361	-----	.0004011	.0108267	.002874	.0020993
%RSD	.3678320	30.20927	-----	10.05673	3.814109	44.14764	16.81767

#1	908.3080	-.009401	^ -----	.0035272	.2804525	-.003202	.0130755
#2	901.7331	-.008946	^ -----	.0042583	.2959784	-.007935	.0142224
#3	904.1252	-.005103	^ -----	.0041784	.2751441	-.008391	.0101510

Sample Name: LR CHECK 1 Acquired: 01/23/2019 18:06:07 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.052738	.0619023	.0165591
Stddev	.002385	.0007989	.0002403
%RSD	4.521468	1.290636	1.451074

#1	-.052404	.0609953	.0165074
#2	-.055271	.0622093	.0168210
#3	-.050537	.0625021	.0163489

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.636	1874.112	41989.73	4377.184	2407.995
Stddev	4.313	3.111	36.88	8.078	7.461
%RSD	.2415601	.1660220	.0878240	.1845446	.3098421

#1	1783.876	1870.595	41947.32	4367.966	2399.735
#2	1790.551	1875.235	42007.62	4380.559	2410.003
#3	1782.480	1876.507	42014.24	4383.027	2414.246

Sample Name: LR CHECK 2 Acquired: 01/23/2019 18:10:08 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.001457	.0128319	249.3260	-.017935	-.013076	122.4520	101.6603
Stddev	.002164	.0025330	1.8755	.000326	.001659	.5637	.9913
%RSD	148.5828	19.73968	.7522206	1.816417	12.68670	.4603289	.9750730

#1	.000131	.0153989	251.4638	-.018022	-.011590	121.8535	102.5221
#2	-.000579	.0127623	248.5569	-.018208	-.014866	122.5300	101.8819
#3	-.003922	.0103344	247.9574	-.017574	-.012772	122.9727	100.5770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001232	-.000258	147.5300	-.161367	.0121712	240.3763	74.46415
Stddev	.000011	.000058	.8588	.000446	.0000668	1.3061	.55897
%RSD	.8804412	22.30897	.5821107	.2763440	.5489846	.5433729	.7506548

#1	-.001221	-.000260	146.9297	-.160902	.0121766	239.0845	74.00754
#2	-.001232	-.000200	147.1467	-.161409	.0121018	240.3482	74.29740
#3	-.001242	-.000315	148.5137	-.161791	.0122352	241.6963	75.08752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.19860	124.4889	47.82659	-.000787	154.4602	-.011108	33.62883
Stddev	.28720	1.7166	.37290	.000169	.8322	.006010	.09308
%RSD	.6971052	1.378953	.7796896	21.52415	.5387962	54.10958	.2768005

#1	41.01426	122.8766	48.24119	-.000794	153.5661	-.004168	33.66710
#2	41.05203	124.2965	47.71993	-.000952	154.6020	-.014658	33.52271
#3	41.52951	126.2937	47.51864	-.000614	155.2124	-.014498	33.69667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.96484	-2.60312	-.143661	-.034303	-.214834	.2760632	-.004369
Stddev	.19130	.02496	.000960	.000572	.015782	.0048105	.001458
%RSD	.2900104	.9590361	.6682106	1.668117	7.345952	1.742546	33.37550

#1	65.75653	-2.61152	-.142626	-.034177	-.208470	.2708985	-.005083
#2	66.00533	-2.62281	-.143835	-.033804	-.203229	.2804162	-.002691
#3	66.13265	-2.57504	-.144522	-.034928	-.232804	.2768750	-.005332

Sample Name: LR CHECK 2 Acquired: 01/23/2019 18:10:08 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.019555	-.001146	.0035362
Stddev	.000564	.000470	.0000878
%RSD	2.885968	40.98216	2.482937

#1	-.019792	-.001605	.0034554
#2	-.018911	-.000666	.0036296
#3	-.019962	-.001168	.0035237

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.499	2165.270	50887.22	5100.423	3466.654
Stddev	6.069	13.403	134.25	19.511	25.913
%RSD	.2811868	.6190071	.2638238	.3825359	.7474847

#1	2154.555	2149.968	50962.67	5116.291	3437.239
#2	2155.453	2170.913	50732.22	5106.340	3476.617
#3	2165.488	2174.930	50966.78	5078.638	3486.107

Sample Name: CCV07 Acquired: 01/23/2019 18:14:12 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.720363	4.679502	4.532467	4.691966	4.829788	9.768299	9.965104
Stddev	.061494	.043189	.037008	.046391	.045996	.036213	.038558
%RSD	1.302732	.9229400	.8165138	.9887372	.9523462	.3707150	.3869303

#1	4.782157	4.721785	4.571553	4.739622	4.878166	9.787340	10.00962
#2	4.719758	4.681262	4.527883	4.689325	4.824580	9.726538	9.94218
#3	4.659174	4.635460	4.497964	4.646953	4.786617	9.791018	9.94351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2298277	2.270913	26.13788	.9198875	2.278339	1.221139	4.894996
Stddev	.0005789	.019206	.04765	.0025436	.019604	.014309	.036482
%RSD	.2518651	.8457480	.1823211	.2765076	.8604720	1.171755	.7452945

#1	.2300694	2.290408	26.17931	.9227052	2.298669	1.233206	4.932466
#2	.2291671	2.270320	26.14853	.9191965	2.276796	1.205331	4.892933
#3	.2302465	2.252010	26.08580	.9177609	2.259551	1.224878	4.859590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.440321	24.94086	2.305936	1.177736	25.54770	2.438964	2.421290
Stddev	.000976	.04999	.022260	.003547	.29153	.005169	.015313
%RSD	.0399962	.2004529	.9653215	.3011690	1.141124	.2119145	.6324334

#1	2.441121	24.98935	2.327994	1.176632	25.72144	2.441404	2.434223
#2	2.440609	24.88949	2.306335	1.174873	25.21112	2.442462	2.425264
#3	2.439234	24.94374	2.283480	1.181704	25.71052	2.433028	2.404381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.23687	5.119478	4.591596	4.849442	4.522144	4.514849	4.513206
Stddev	.12879	.054255	.019613	.050675	.037550	.018868	.045411
%RSD	.5103153	1.059775	.4271507	1.044970	.8303479	.4179126	1.006174

#1	25.36113	5.180781	4.606781	4.901524	4.554380	4.517379	4.559772
#2	25.10399	5.100013	4.569453	4.846500	4.531137	4.494843	4.510799
#3	25.24549	5.077641	4.598555	4.800302	4.480914	4.532324	4.469046

Sample Name: CCV07 Acquired: 01/23/2019 18:14:12 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	4.893019	4.866926	4.818049
Stddev	.014034	.017375	.027492
%RSD	.2868213	.3570107	.5706124

#1	4.904759	4.885020	4.849792
#2	4.877475	4.850372	4.802529
#3	4.896823	4.865385	4.801825

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.066	2491.989	51344.25	5127.043	3869.331
Stddev	22.462	22.872	251.55	30.927	33.390
%RSD	.9899175	.9178144	.4899235	.6032199	.8629436

#1	2246.084	2468.262	51053.80	5092.010	3834.257
#2	2270.144	2493.806	51487.75	5150.560	3873.004
#3	2290.969	2513.898	51491.21	5138.560	3900.733

Sample Name: CCB07 Acquired: 01/23/2019 18:17:43 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	-.000342	.0000746	F .0090035	.0006903	-.000193	.0138481
Stddev	.002137	.0010594	.0003233	.0008702	.001430	.0025791
%RSD	624.6003	1419.105	3.591009	126.0574	741.5937	18.62422

#1	-.002763	-.001000	.0086389	-.000087	-.000818	.0115119
#2	.001284	.001118	.0092554	.000528	-.001203	.0134168
#3	.000453	.000106	.0091161	.001630	.001443	.0166157

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002805	-.000014	.0000415	.0428574	-.000188	.0002436
Stddev	.000358	.000013	.0000547	.0171111	.000117	.0001287
%RSD	12.74986	98.07788	131.9633	39.92575	62.34238	52.82398

#1	-.003218	-.000008	-.000022	.0486761	-.000069	.0002087
#2	-.002582	-.000029	.000075	.0563004	-.000192	.0003860
#3	-.002616	-.000004	.000071	.0235958	-.000303	.0001359

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073775	.0157850	.0020636	-.004107	.0011725	.0003523
Stddev	.0003485	.0233274	.0009239	.026604	.0003878	.0001978
%RSD	4.724274	147.7821	44.77110	647.7269	33.07533	56.13595

#1	.0069900	-.005291	.0013871	-.034723	.0008448	.0005341
#2	.0076652	.011796	.0031162	.013393	.0010721	.0001418
#3	.0074774	.040850	.0016875	.009008	.0016006	.0003810

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.404772	.0020240	.0013348	.1495439	-.002044	.0001380
Stddev	.094594	.0055112	.0003719	.0567765	.003024	.0003904
%RSD	23.36969	272.2856	27.85949	37.96647	147.9794	282.8800

#1	-.306337	.0037584	.0013885	.1985025	.001193	.0004548
#2	-.494988	-.004146	.0009390	.0873040	-.002527	-.000298
#3	-.412992	.006459	.0016769	.1628252	-.004797	.000257

Sample Name: CCB07 Acquired: 01/23/2019 18:17:43 Type: Unk
Method: NON EPA-6010-200.7(v54) 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	.0002611	-.003916	.0048056	-.000617	.0009685	-.003213
Stddev	.0002640	.002028	.0010060	.000219	.0020595	.000701
%RSD	101.1173	51.77987	20.93427	35.56651	212.6447	21.82931

#1	.0002744	-.002674	.0046514	-.000774	-.000873	-.003937
#2	.0005181	-.002819	.0058798	-.000711	.003192	-.002537
#3	-.000009	-.006256	.0038856	-.000366	.000587	-.003166

Elem	Sr4077
Units	ppm
Avg	.0000244
Stddev	.0000740
%RSD	302.8610

#1	-.000046
#2	.000018
#3	.000101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.605	2513.865	51170.02	5178.323	3946.998
Stddev	7.576	2.697	26.76	33.160	6.446
%RSD	.3290079	.1072805	.0522977	.6403561	.1633018

#1	2294.233	2514.877	51184.49	5176.450	3945.576
#2	2304.594	2515.910	51139.14	5212.380	3954.036
#3	2308.988	2510.809	51186.44	5146.140	3941.382