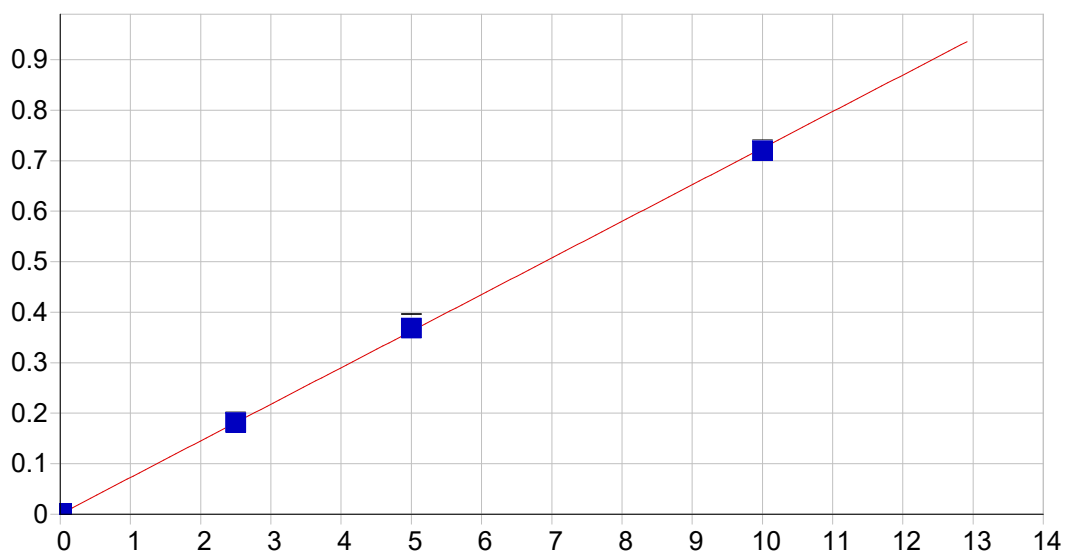


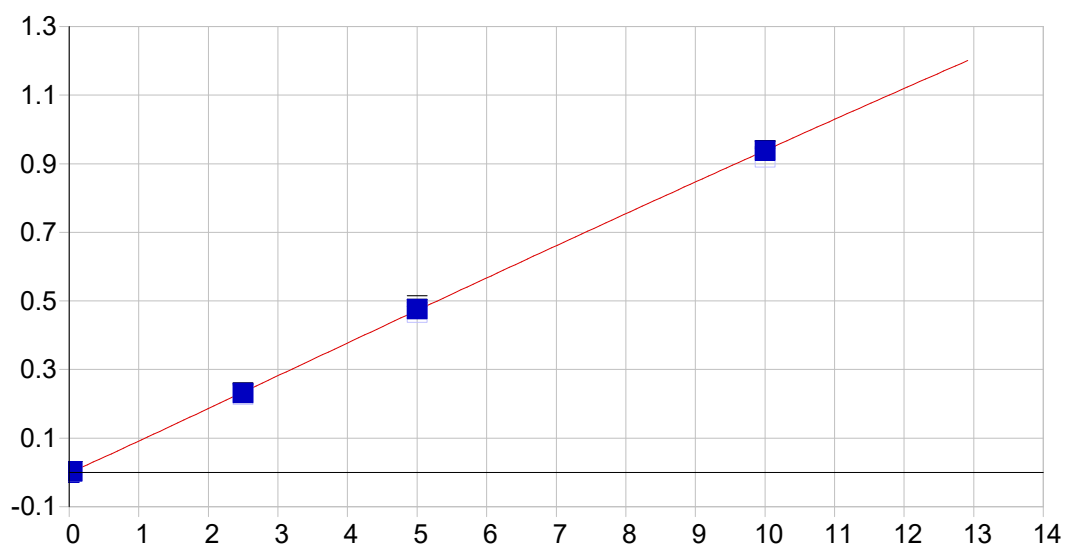


As 189.042 {479}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

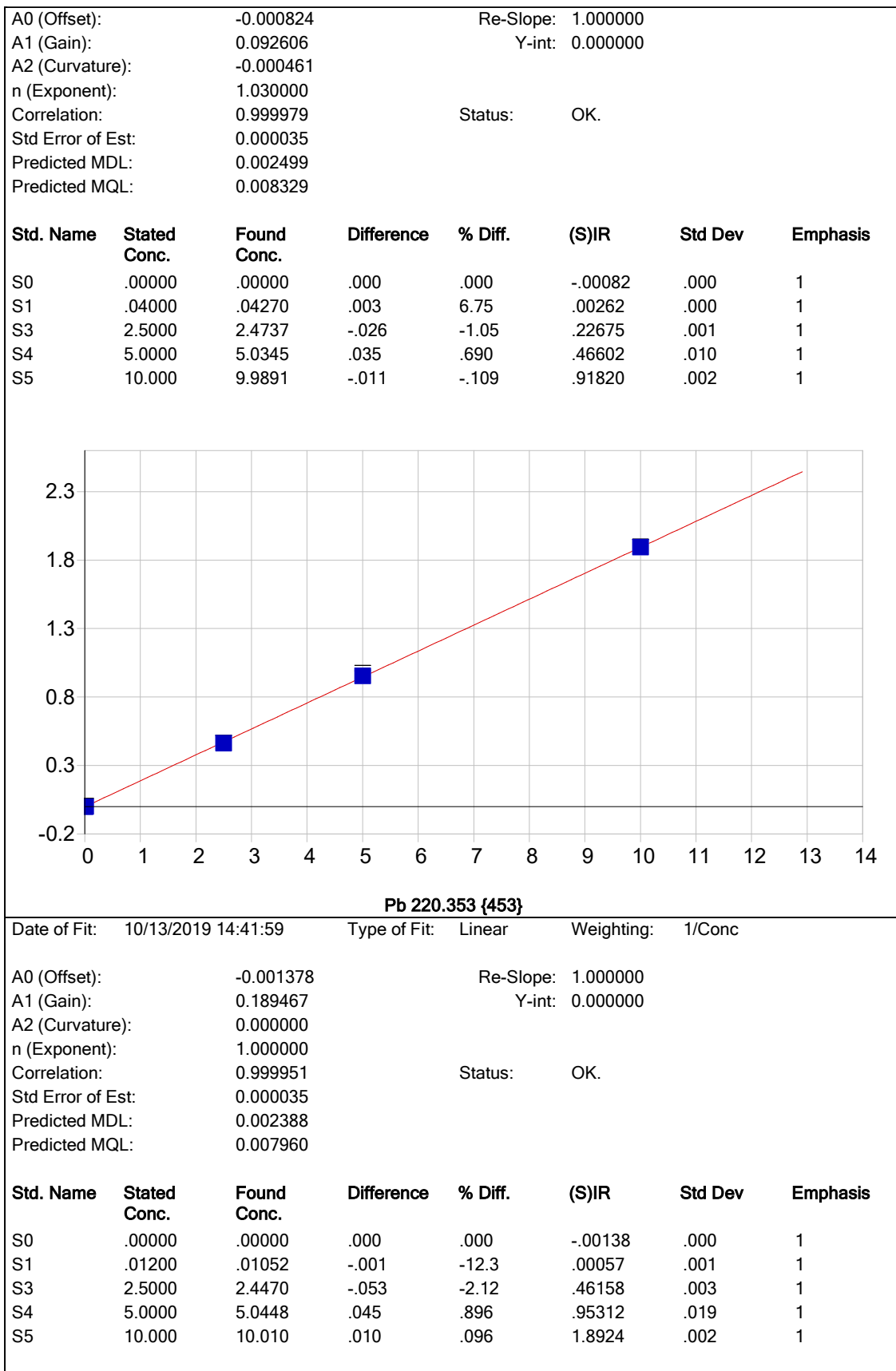
A0 (Offset): 0.000357 Re-Slope: 1.000000
 A1 (Gain): 0.072439 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003101
 Predicted MQL: 0.010337

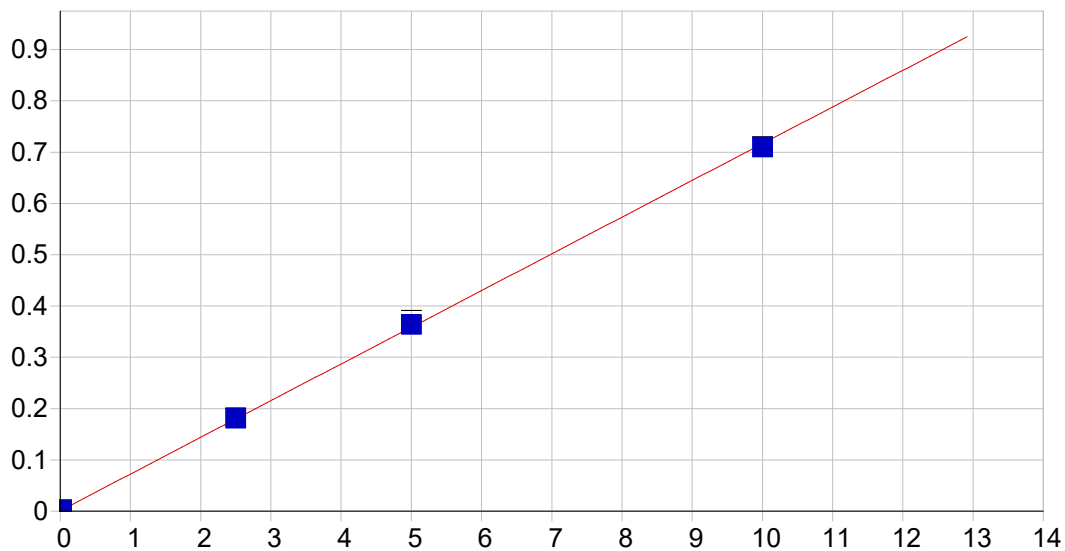
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.02000	.01935	-.001	-3.25	.00178	.000	1
S3	2.5000	2.4975	-.003	-.101	.18150	.001	1
S4	5.0000	5.0799	.080	1.60	.36880	.008	1
S5	10.000	9.9233	-.077	-.767	.72012	.001	1



TI 190.856 {477}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Full Fit Weighting: 1/Conc



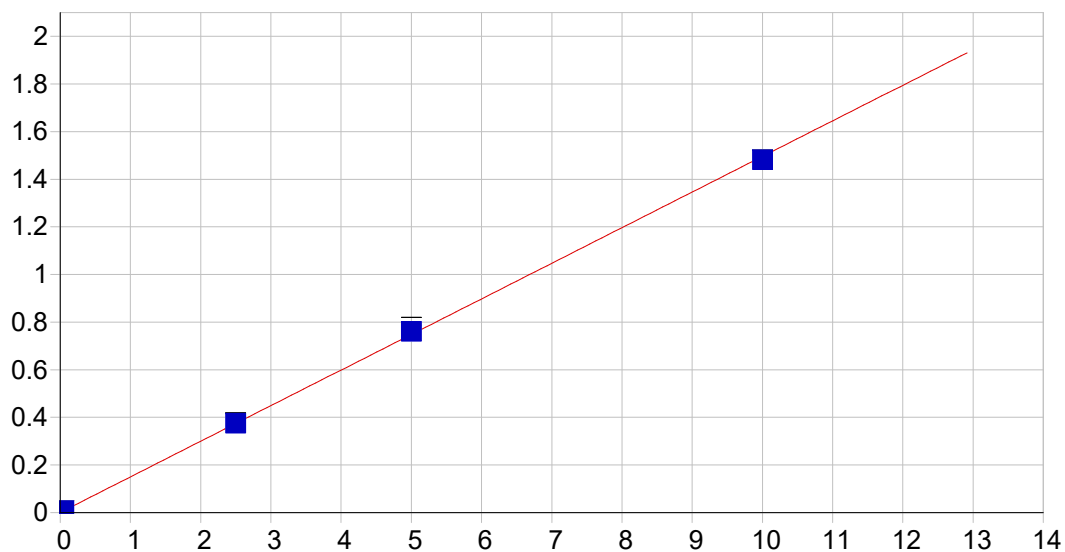


Se 196.090 {472}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000716 Re-Slope: 1.000000
 A1 (Gain): 0.071574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.004023
 Predicted MQL: 0.013410

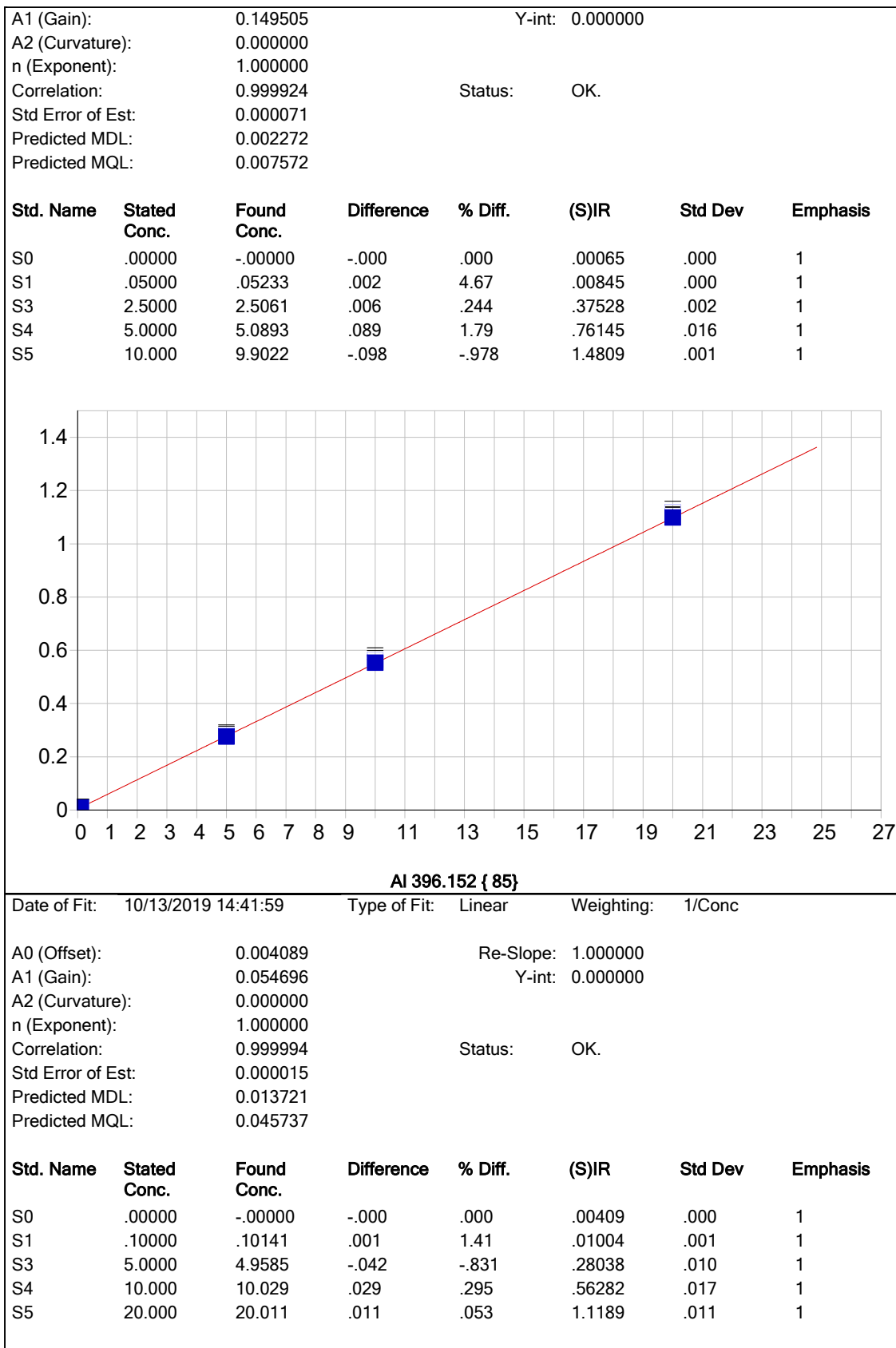
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.02000	.02366	.004	18.3	.00241	.000	1
S3	2.5000	2.5178	.018	.714	.18092	.001	1
S4	5.0000	5.0734	.073	1.47	.36382	.008	1
S5	10.000	9.9051	-.095	-.949	.70961	.001	1

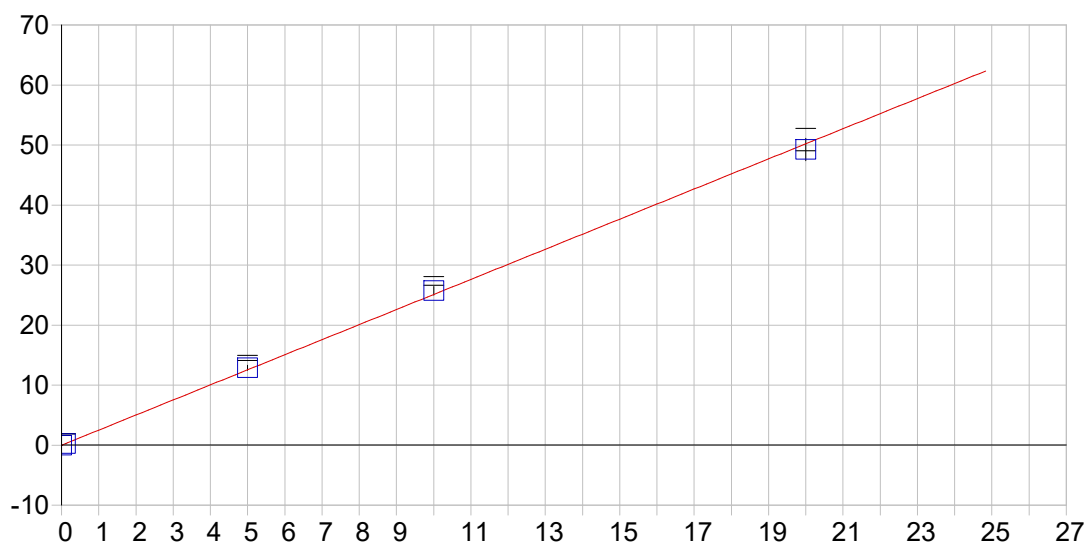


Sb 206.833 {463}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000648 Re-Slope: 1.000000



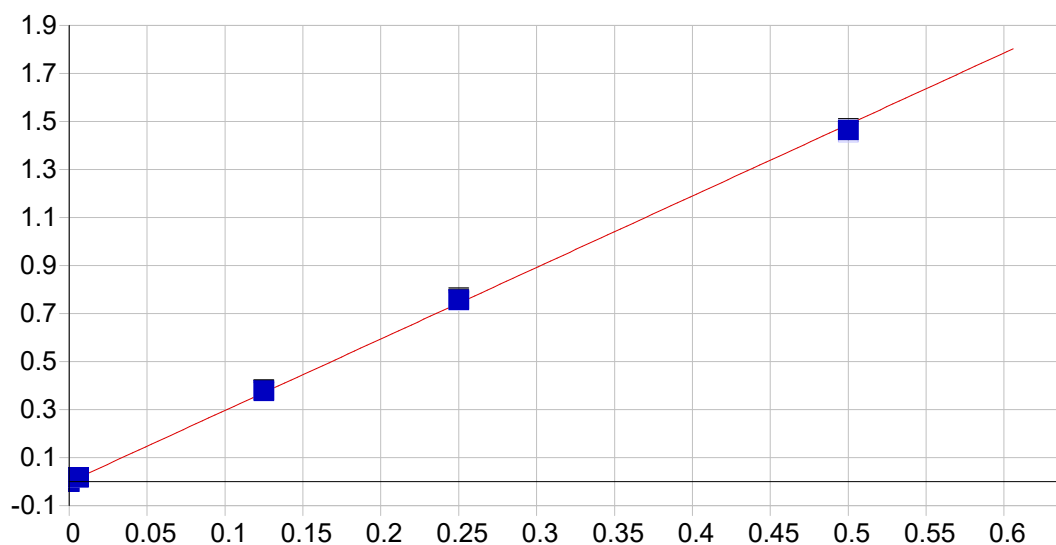


Ba 493.409 {68}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005937 Re-Slope: 1.000000
 A1 (Gain): 2.510501 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.004172
 Predicted MDL: 0.000694
 Predicted MQL: 0.002314

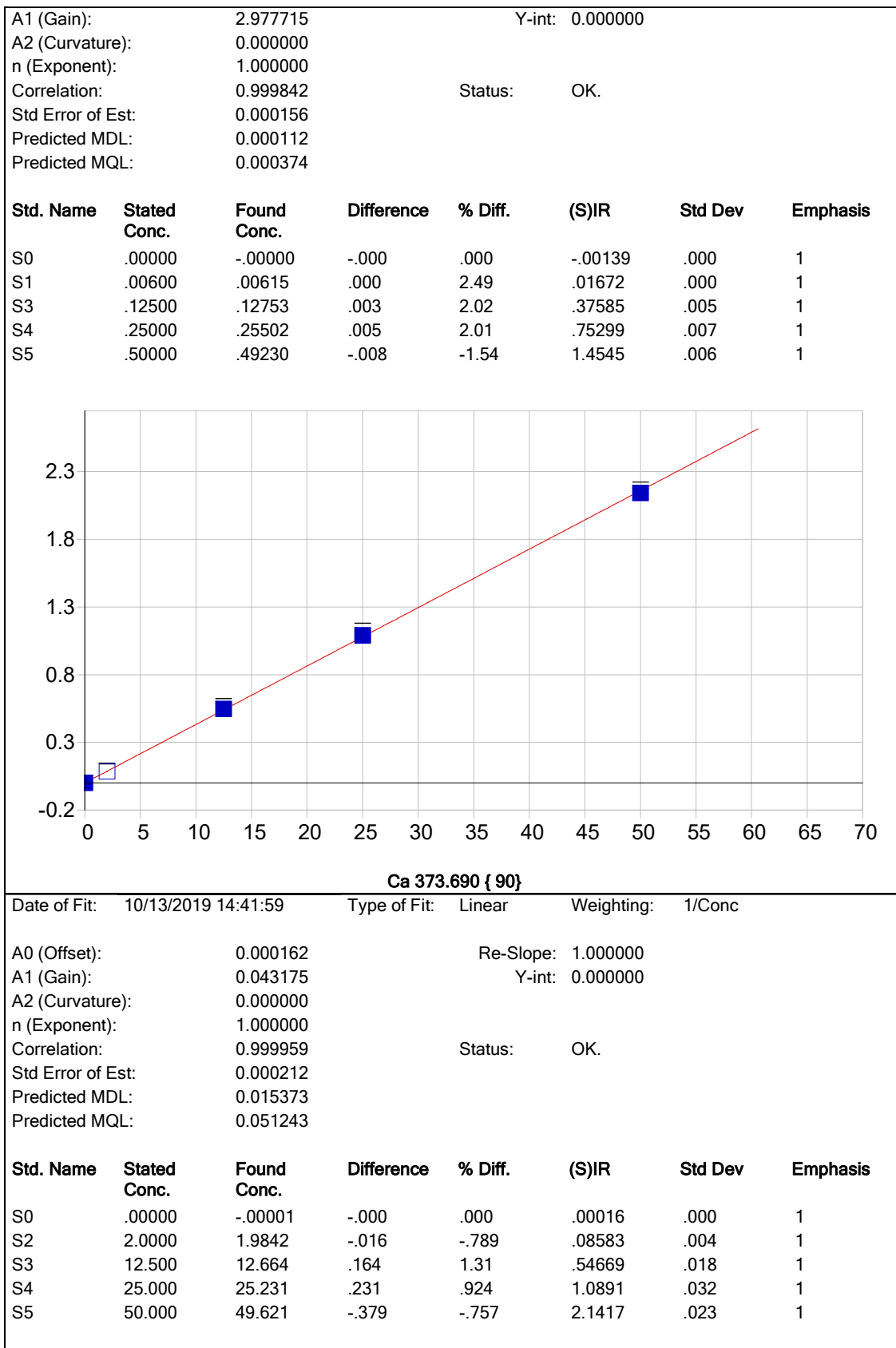
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00596	.001	1
S1	.10000	.10401	.004	4.01	.25519	.004	1
S3	5.0000	5.1264	.126	2.53	12.864	.419	1
S4	10.000	10.247	.247	2.47	25.720	.734	1
S5	20.000	19.622	-.378	-1.89	49.256	1.85	1

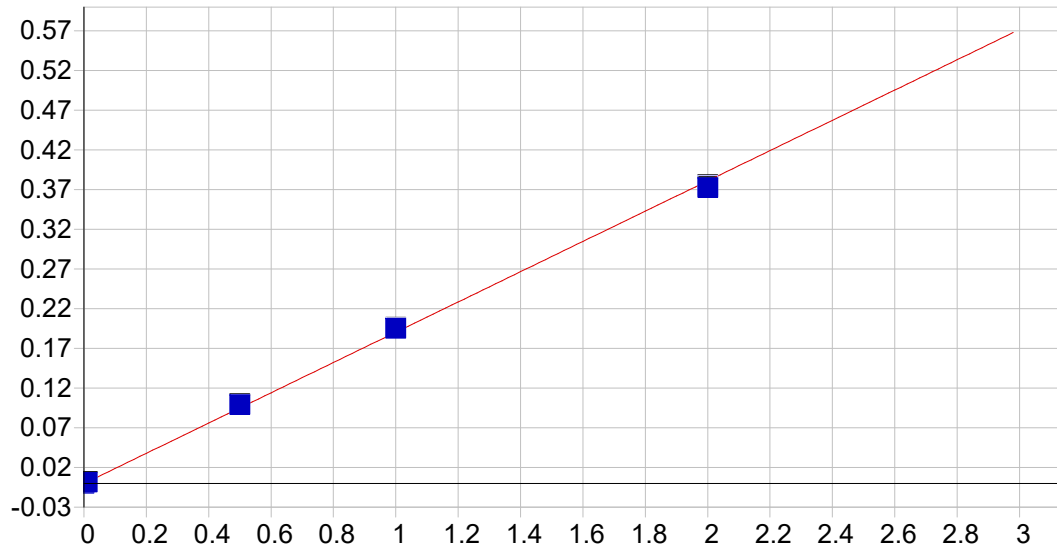


Be 234.861 {144}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001392 Re-Slope: 1.000000



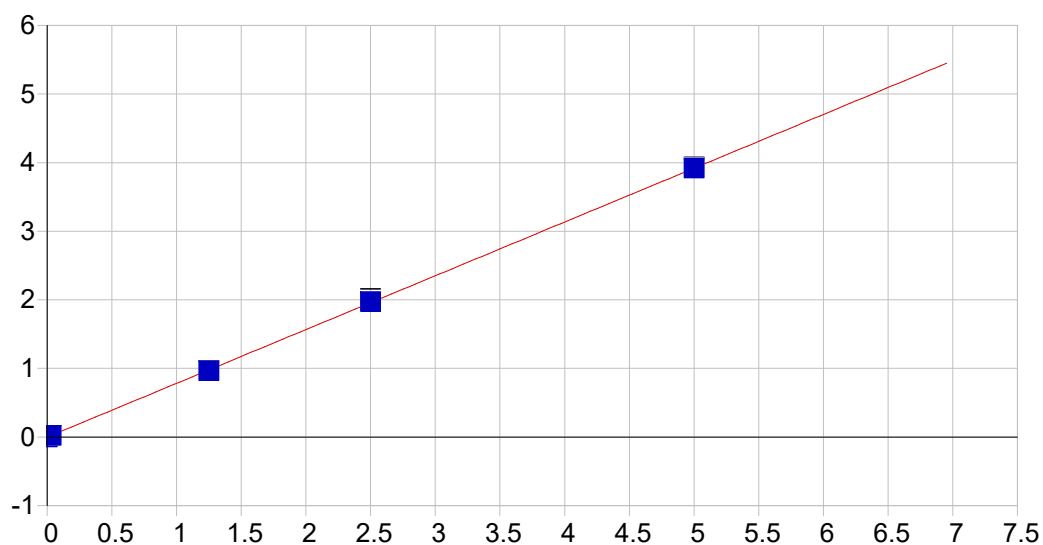


Cr 267.716 {126}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000338 Re-Slope: 1.000000
 A1 (Gain): 0.190715 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999660 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.000624
 Predicted MQL: 0.002079

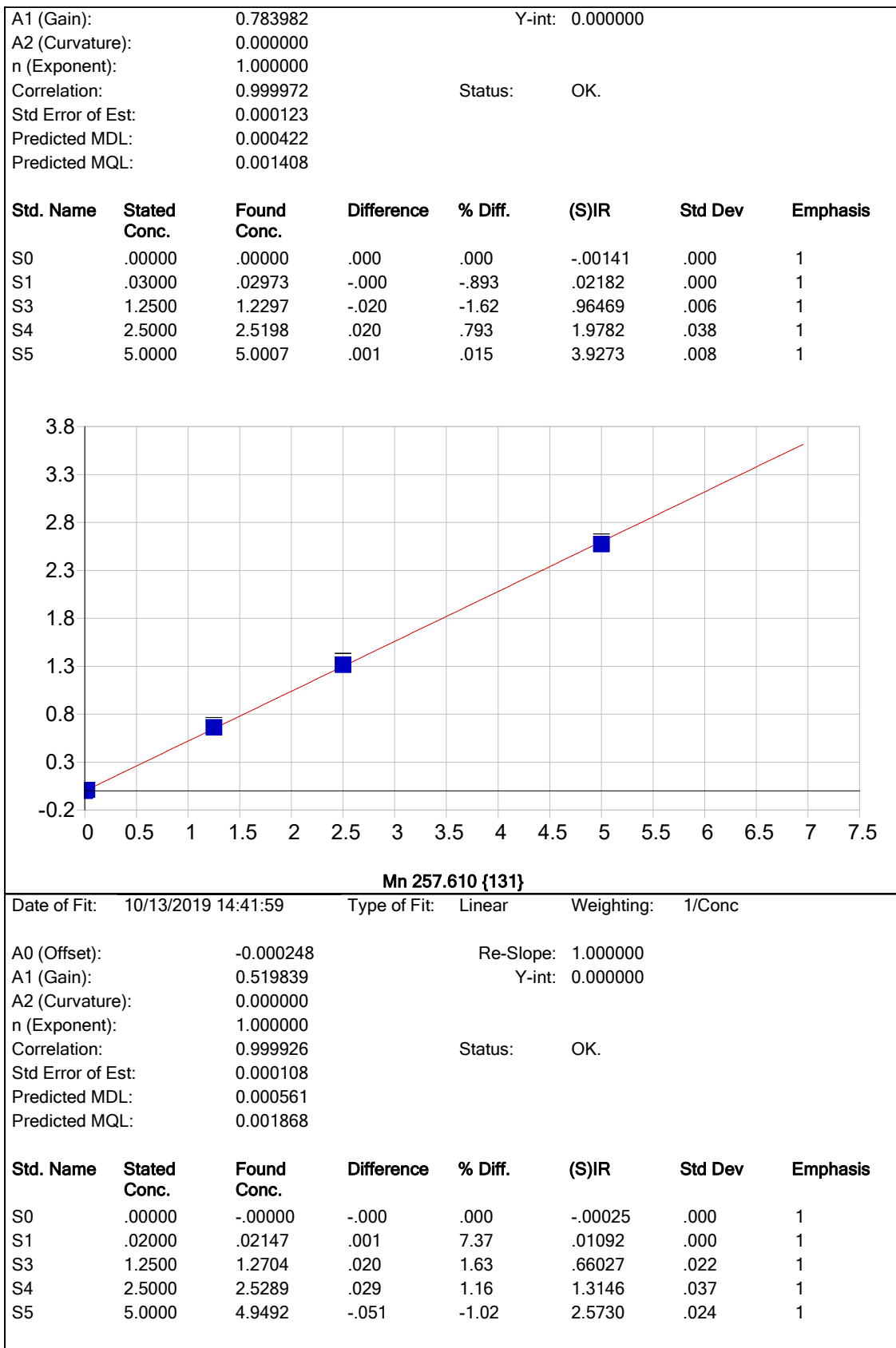
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.01000	.01011	.000	1.10	.00161	.000	1
S3	.50000	.52061	.021	4.12	.09962	.001	1
S4	1.0000	1.0239	.024	2.39	.19628	.000	1
S5	2.0000	1.9554	-.045	-2.23	.37527	.001	1

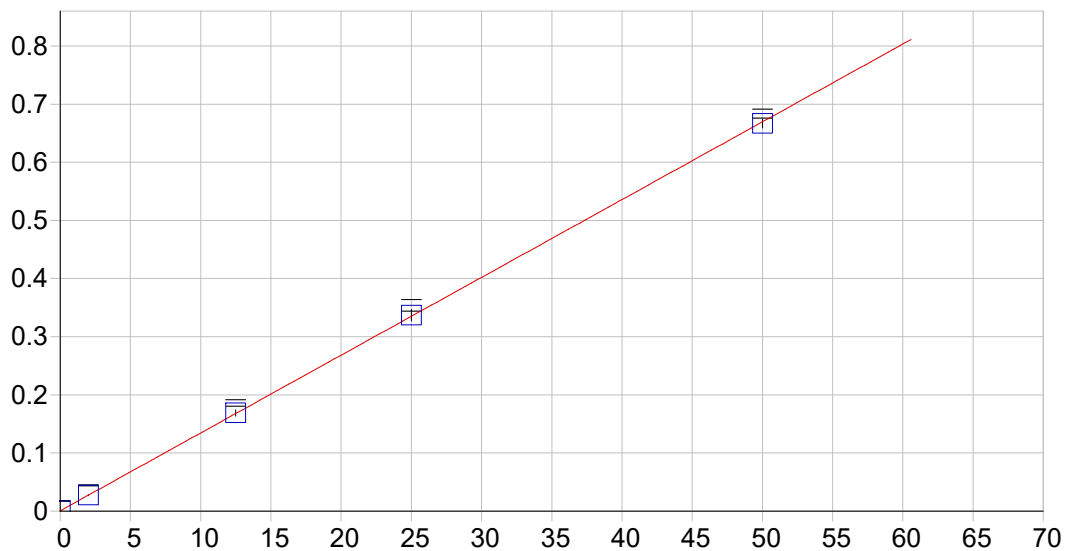


Co 228.616 {448}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001413 Re-Slope: 1.000000



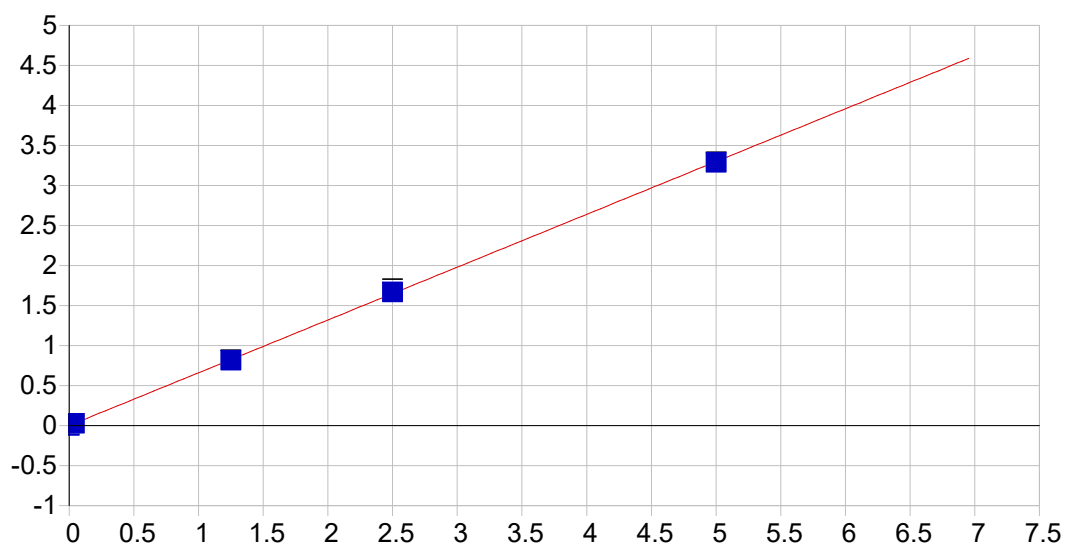


Mg 279.079 {121}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000702 Re-Slope: 1.000000
 A1 (Gain): 0.013377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.026306
 Predicted MQL: 0.087688

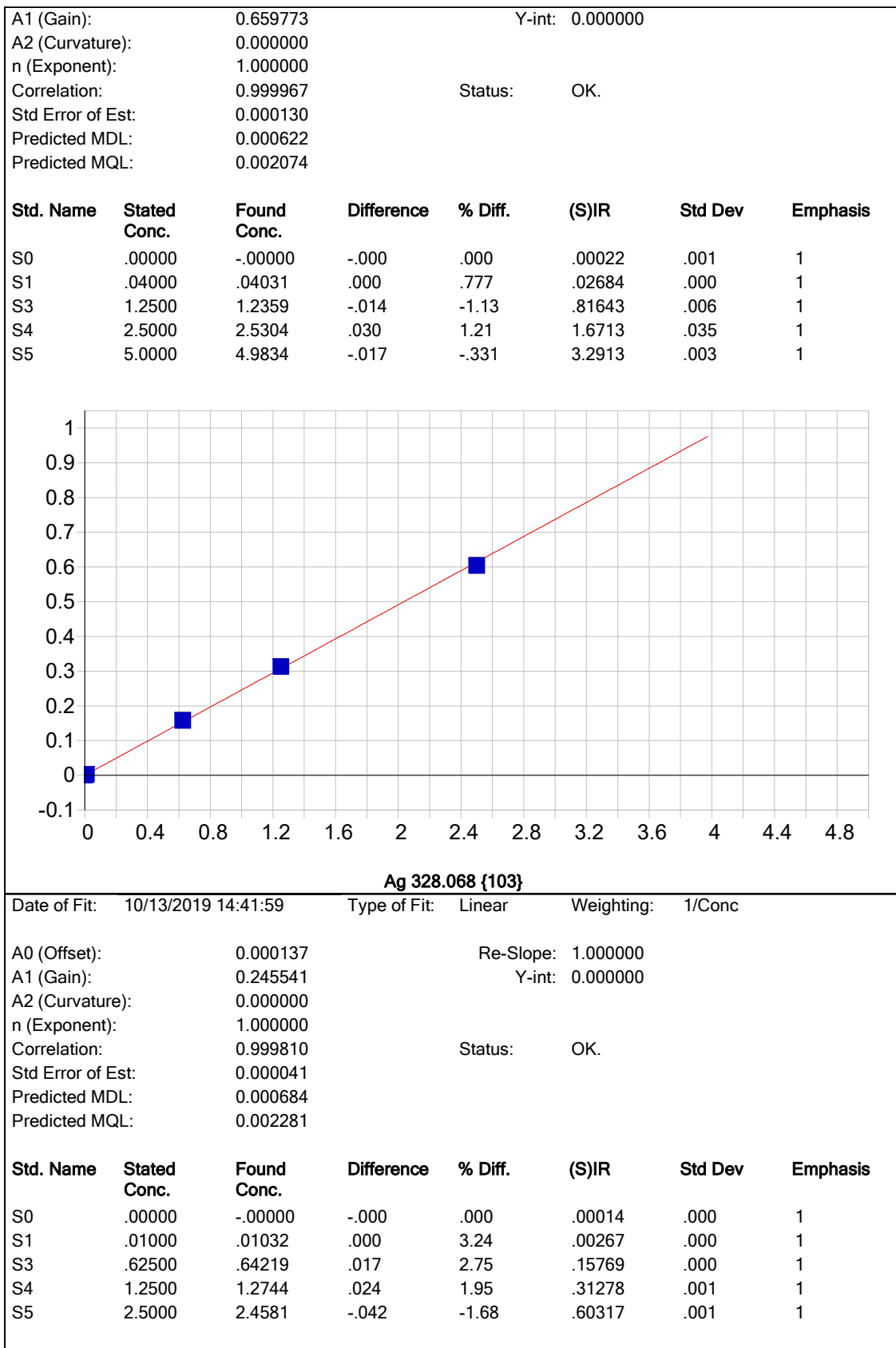
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00070	.001	1
S2	2.0000	1.9948	-.005	-.260	.02739	.001	1
S3	12.500	12.588	.088	.703	.16909	.005	1
S4	25.000	25.129	.129	.514	.33685	.010	1
S5	50.000	49.789	-.211	-.422	.66674	.007	1

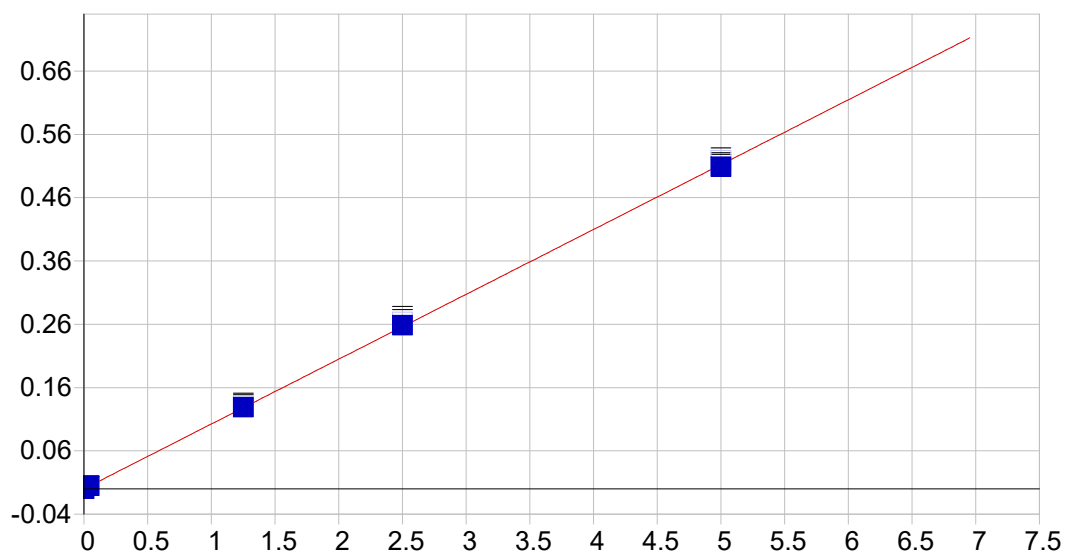


Ni 231.604 {446}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000224 Re-Slope: 1.000000



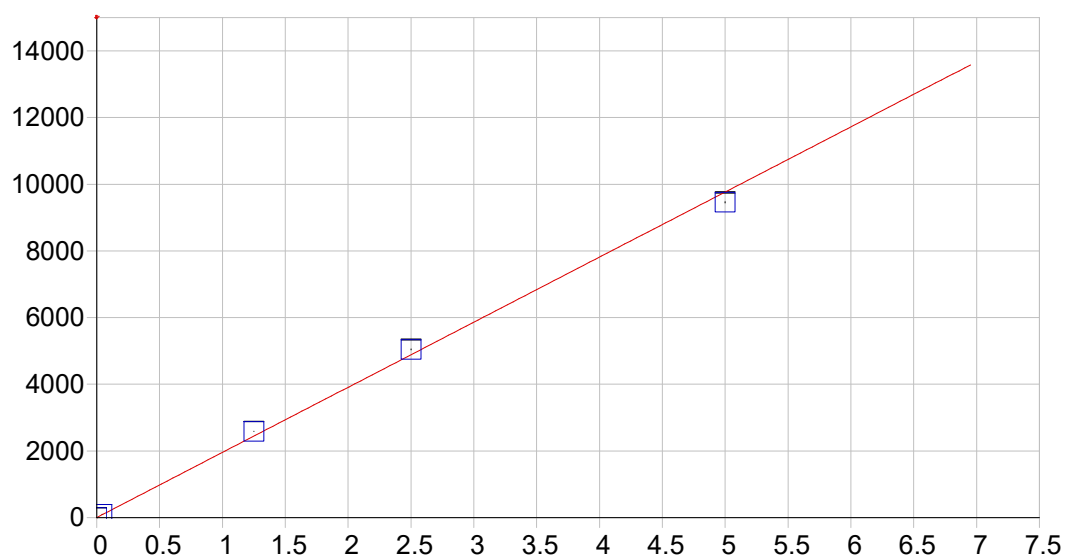


V 292.402 {115}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.102449 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.003932
 Predicted MQL: 0.013106

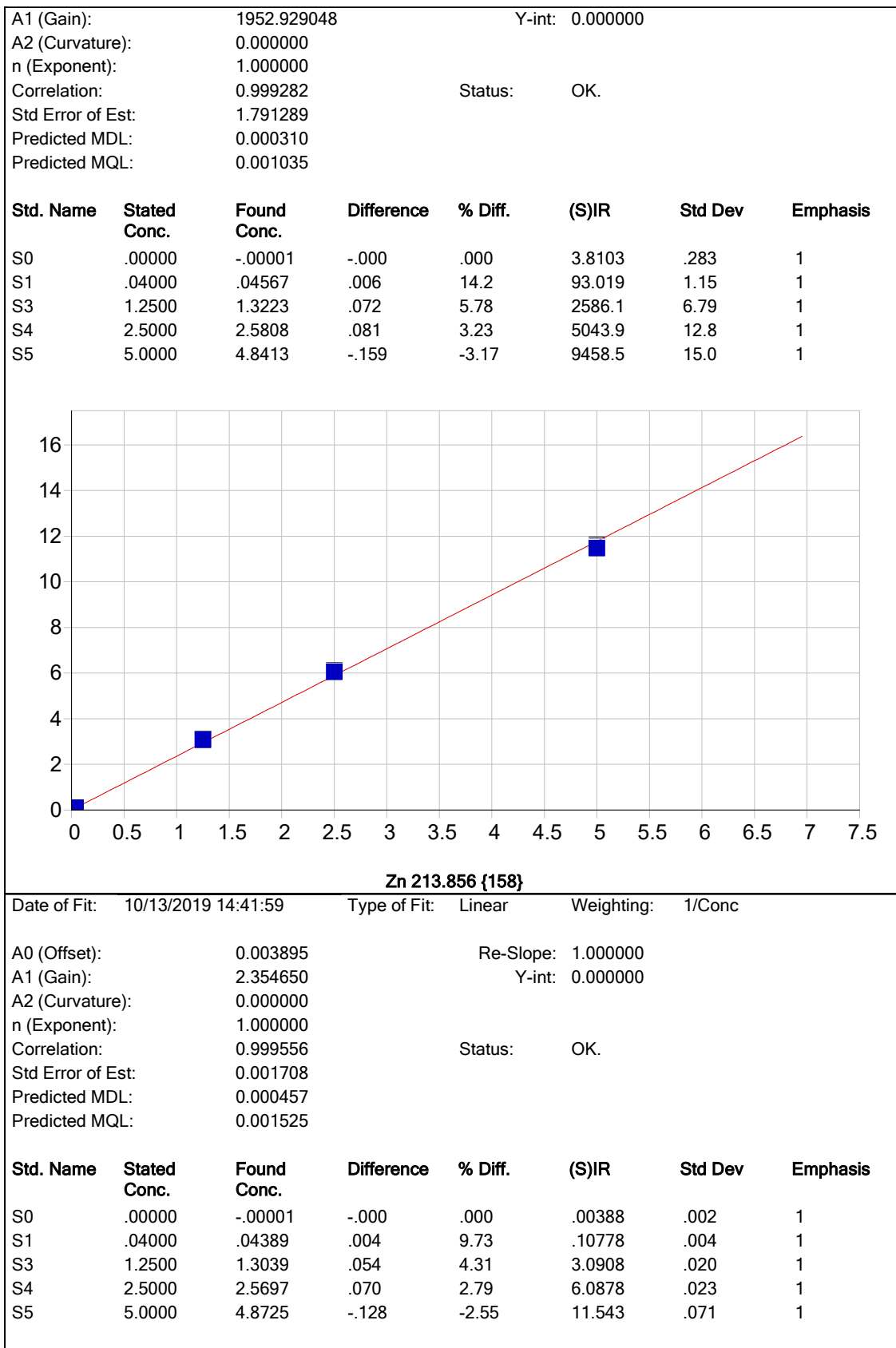
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.04000	.04291	.003	7.29	.00458	.000	1
S3	1.2500	1.2563	.006	.504	.13123	.004	1
S4	2.5000	2.5235	.023	.939	.26361	.009	1
S5	5.0000	4.9672	-.033	-.655	.51907	.004	1

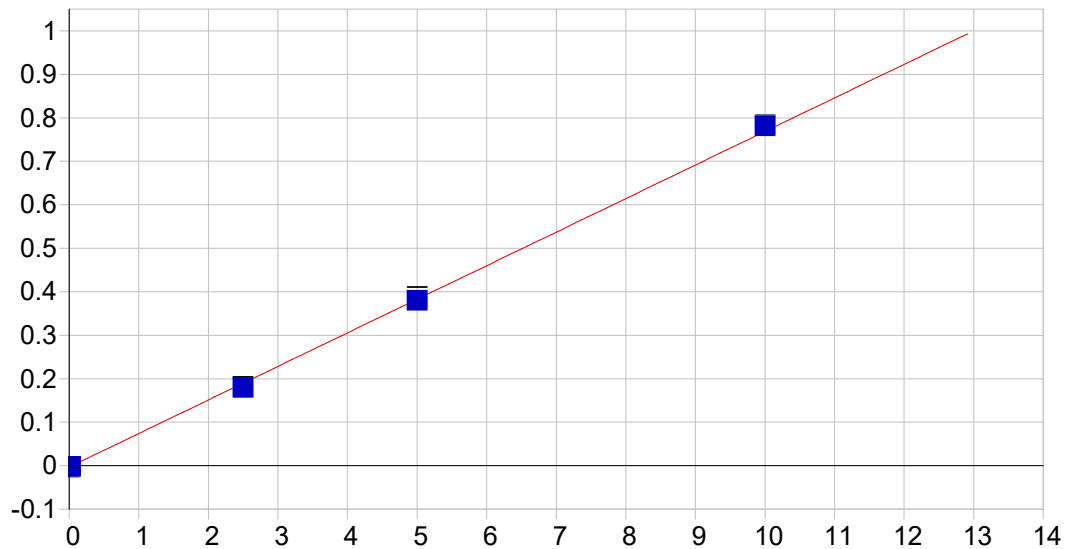


Zn 206.200 {464}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.825986 Re-Slope: 1.000000



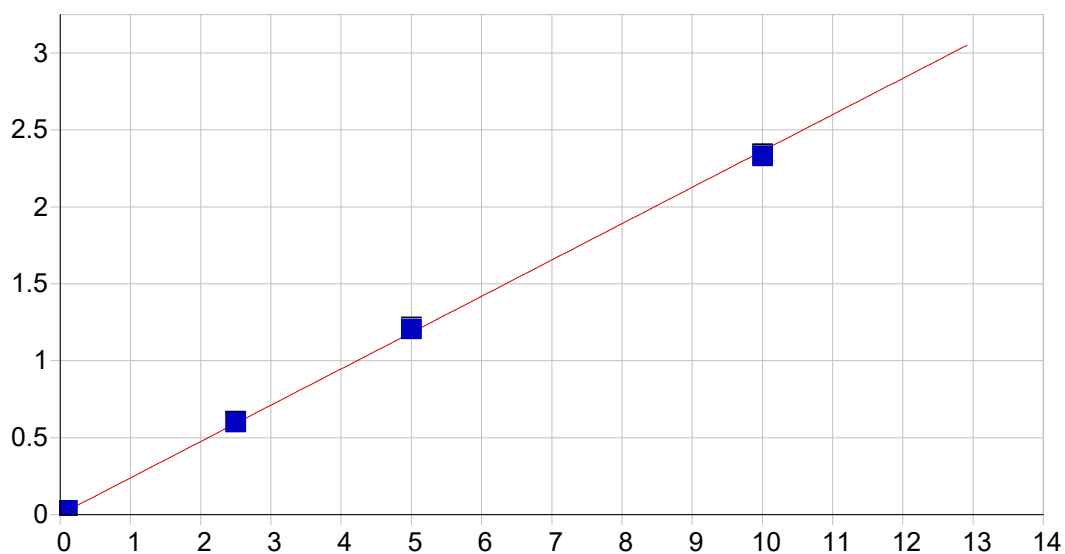


P 177.495 {490}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003220 Re-Slope: 1.000000
 A1 (Gain): 0.077181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999713 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.002434
 Predicted MQL: 0.008114

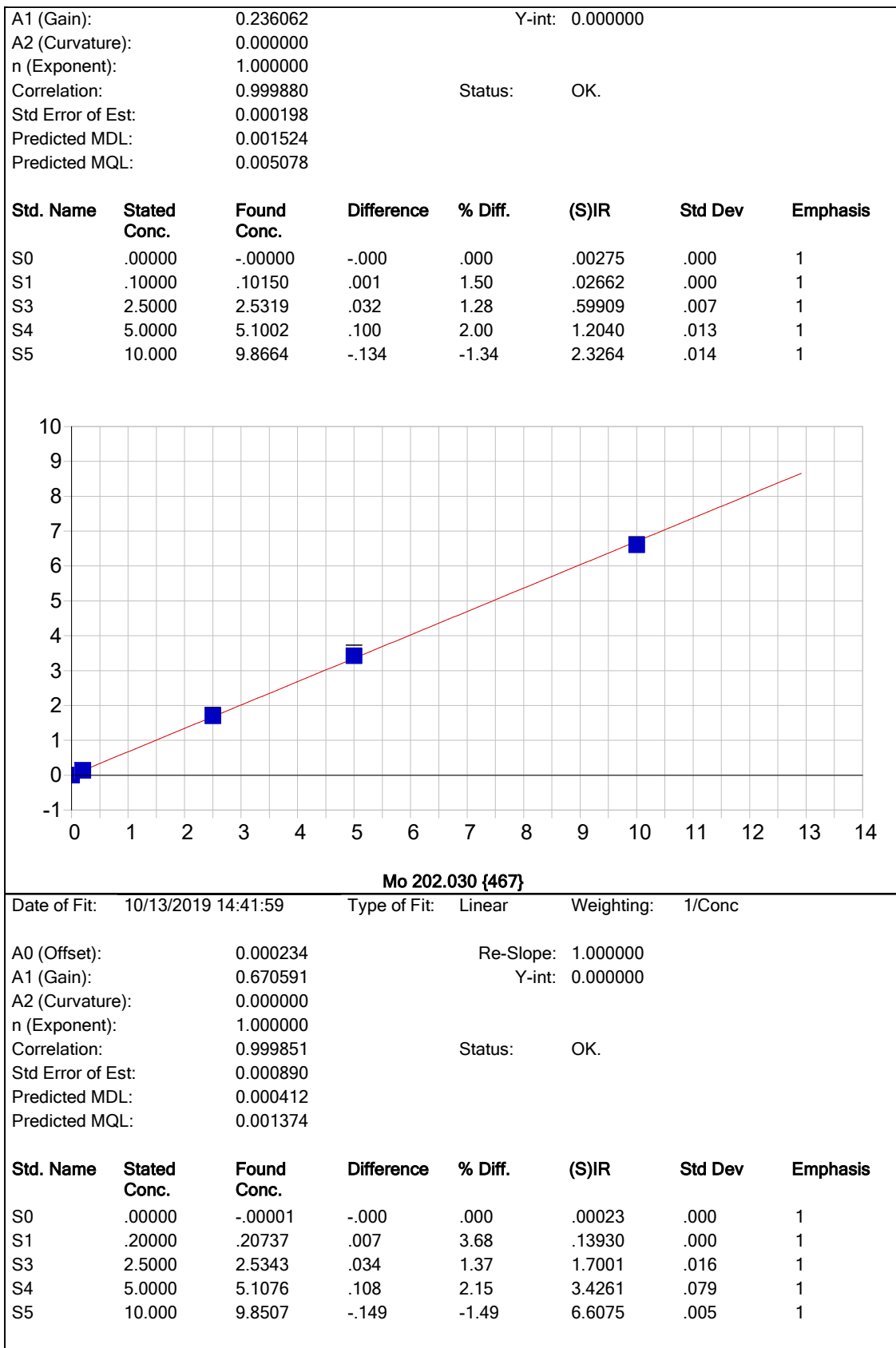
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00322	.000	1
S1	.02000	.01772	-.002	-11.4	-.00184	.000	1
S3	2.5000	2.3686	-.131	-5.25	.18004	.002	1
S4	5.0000	4.9677	-.032	-.645	.38108	.008	1
S5	10.000	10.166	.166	1.66	.78317	.001	1

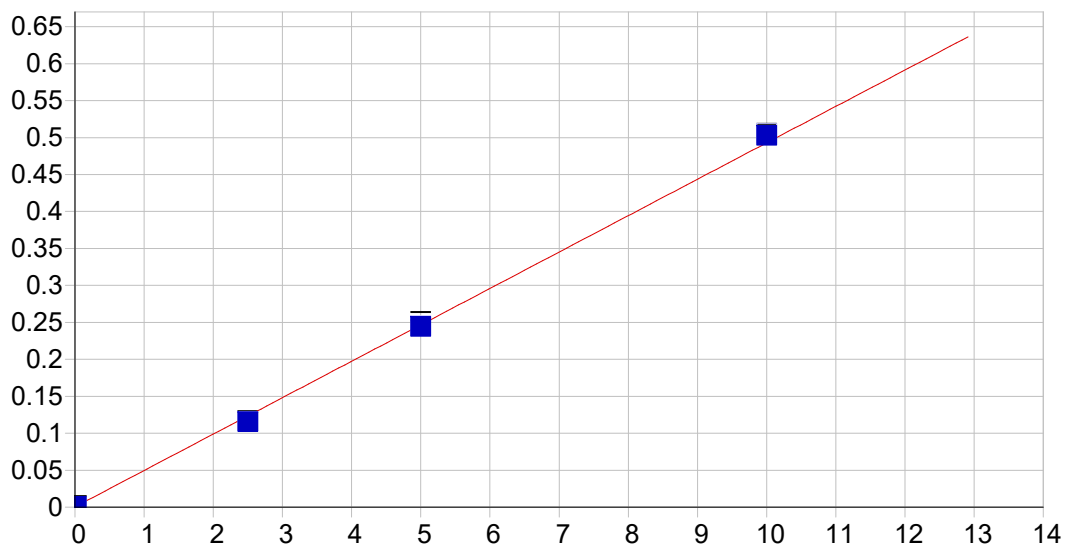


B 249.678 {135}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002749 Re-Slope: 1.000000



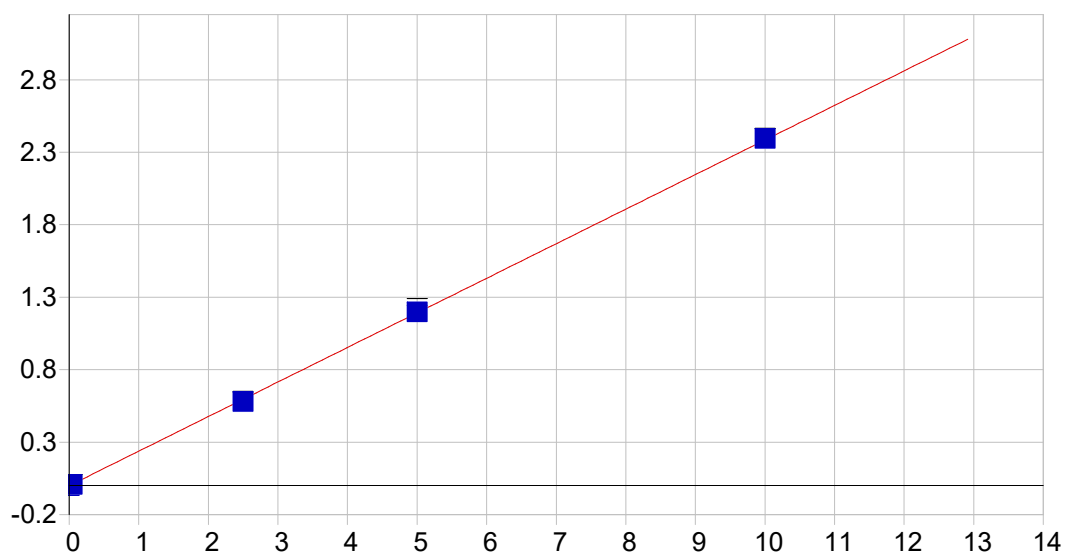


S 182.034 {485}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000380 Re-Slope: 1.000000
 A1 (Gain): 0.049250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999565 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.004234
 Predicted MQL: 0.014114

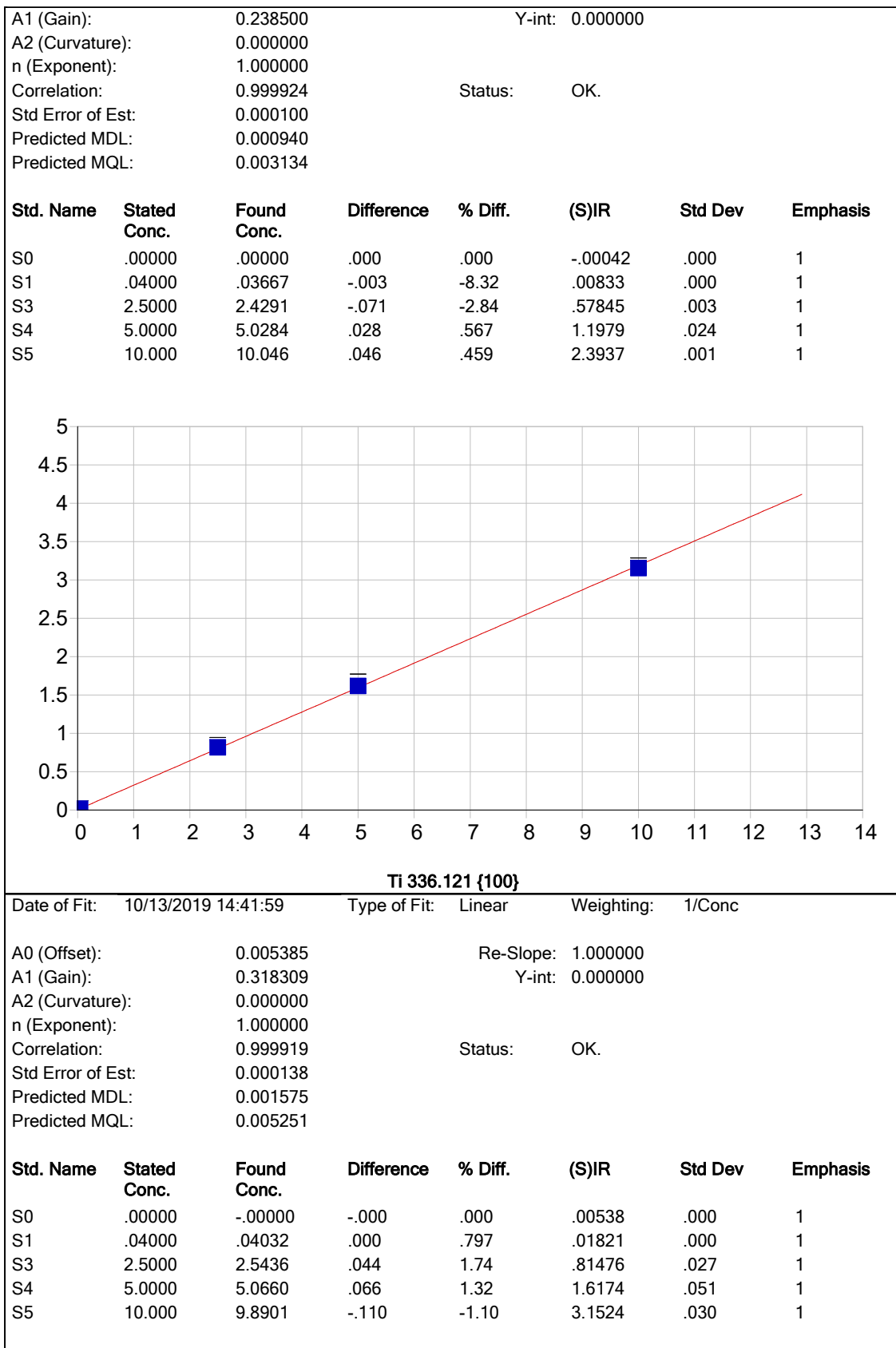
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.02000	.02278	.003	13.9	.00148	.000	1
S3	2.5000	2.3390	-.161	-6.44	.11616	.001	1
S4	5.0000	4.9530	-.047	-.939	.24548	.006	1
S5	10.000	10.205	.205	2.05	.50531	.001	1

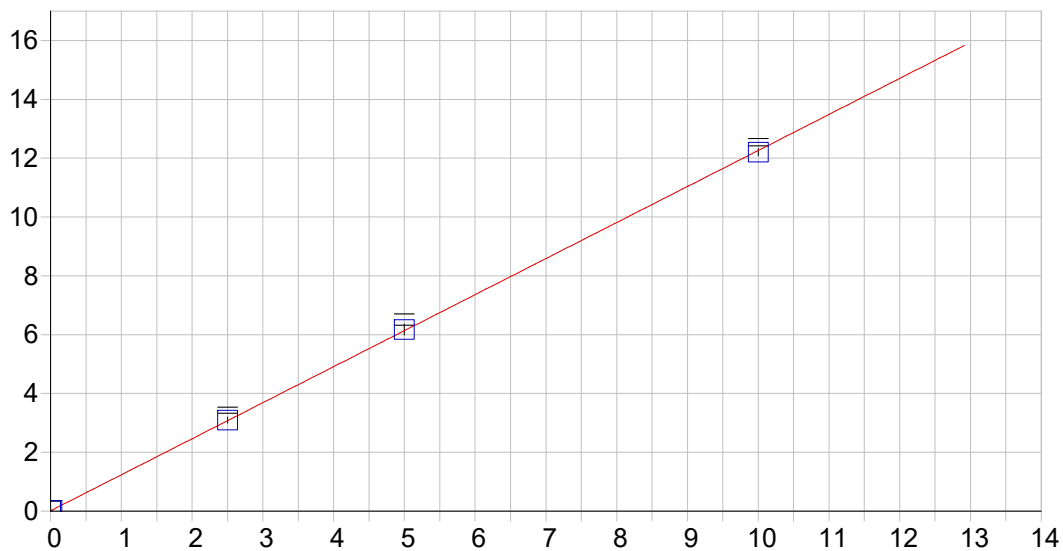


Sn 189.989 {478}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000416 Re-Slope: 1.000000



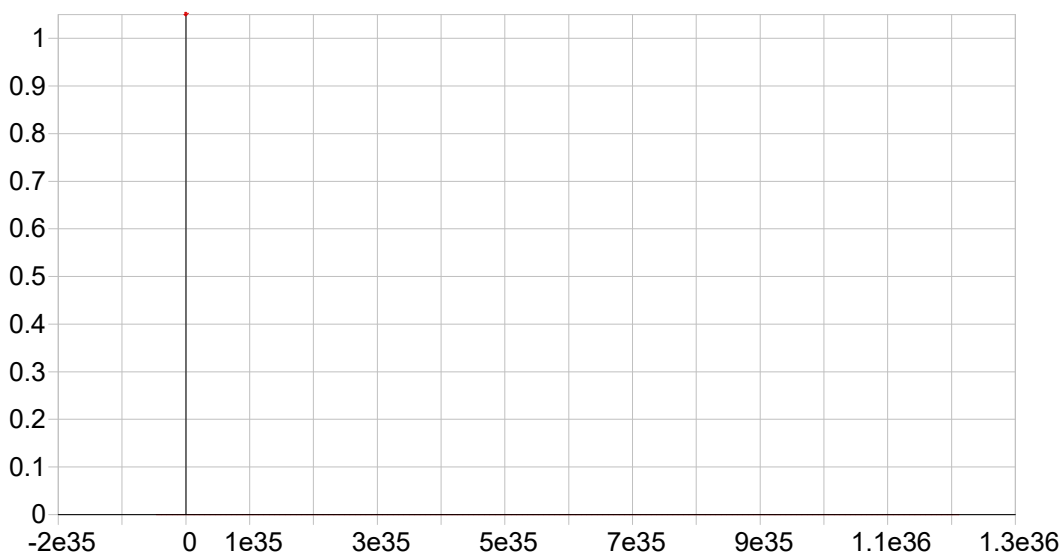


Li 670.784 { 50}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011779 Re-Slope: 1.000000
 A1 (Gain): 1.225050 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000164
 Predicted MDL: 0.001500
 Predicted MQL: 0.004999

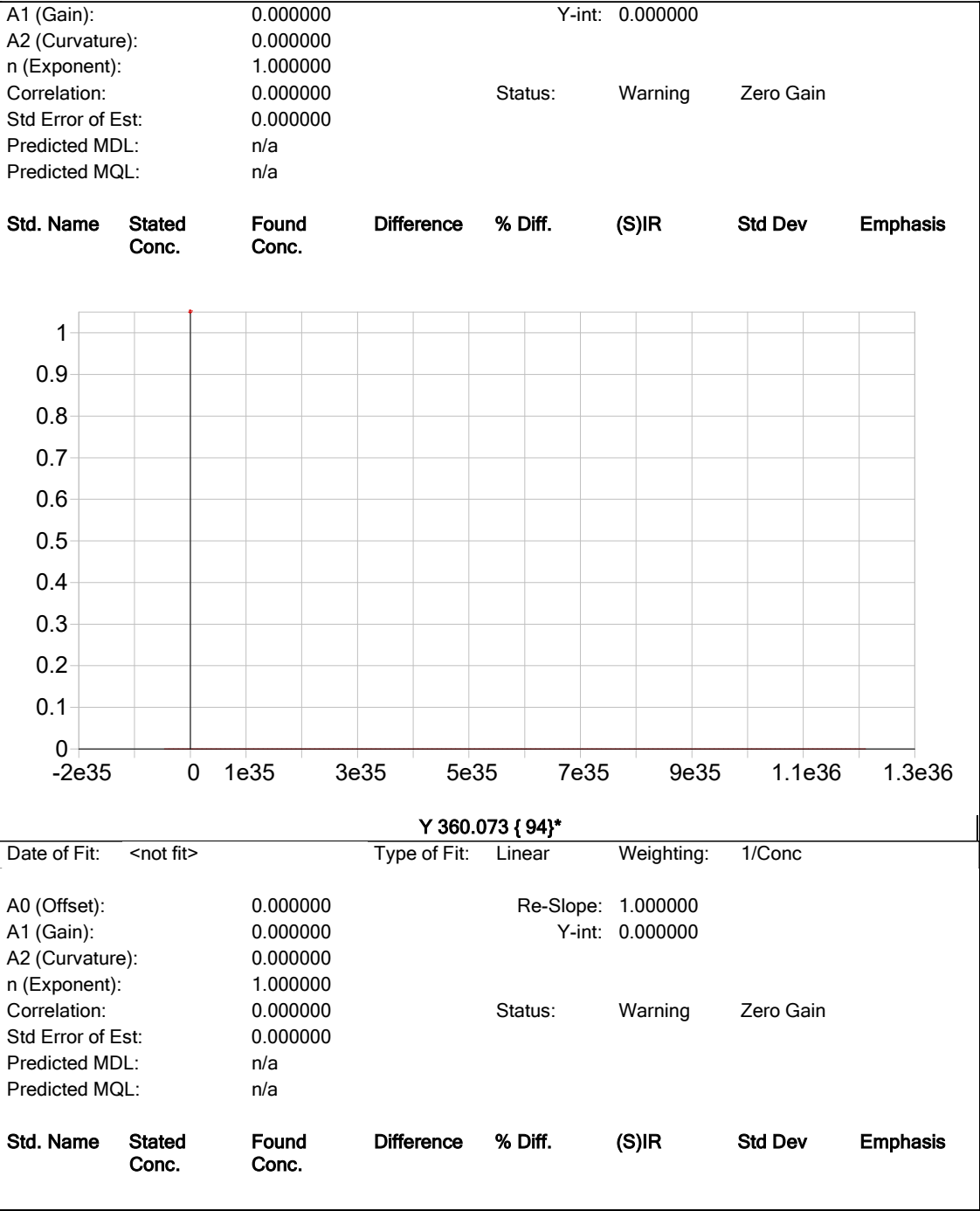
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01178	.003	1
S5	10.000	9.9539	-.046	-.461	12.206	.121	1
S4	5.0000	5.0320	.032	.639	6.1762	.190	1
S3	2.5000	2.5150	.015	.599	3.0928	.105	1
S1	.02000	.01919	-.001	-4.05	.03529	.001	1

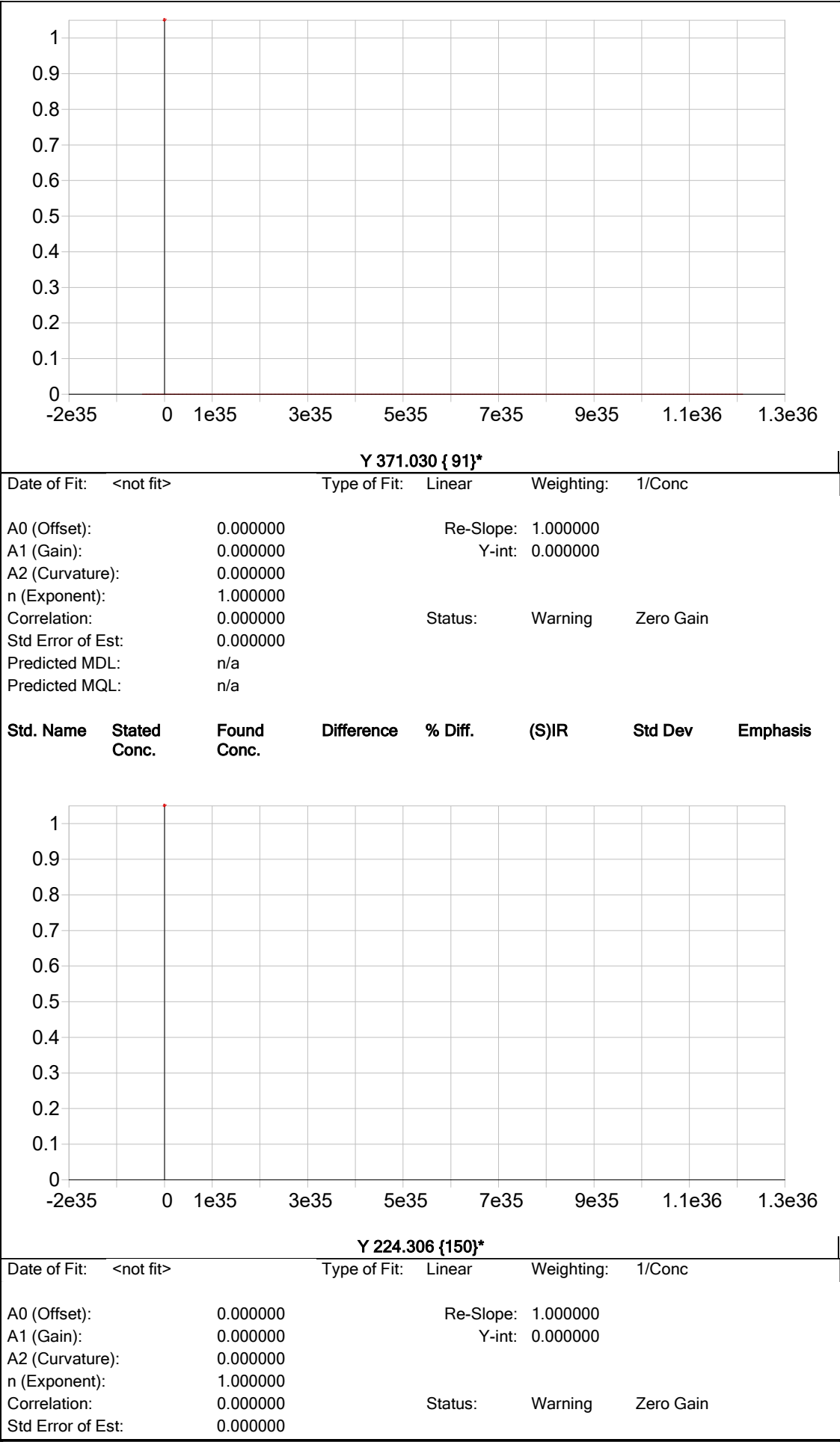


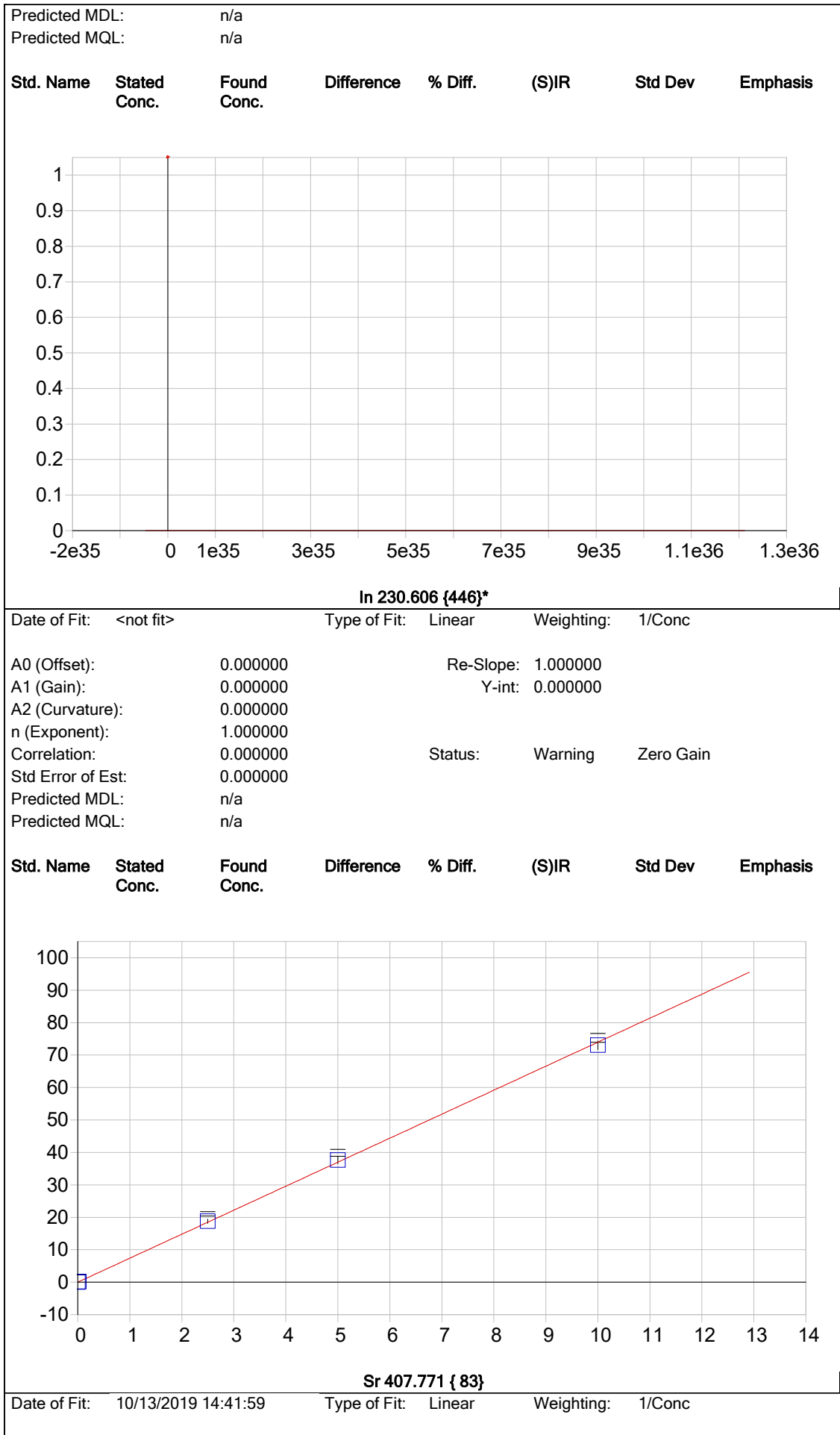
Y 224.306 {450}*

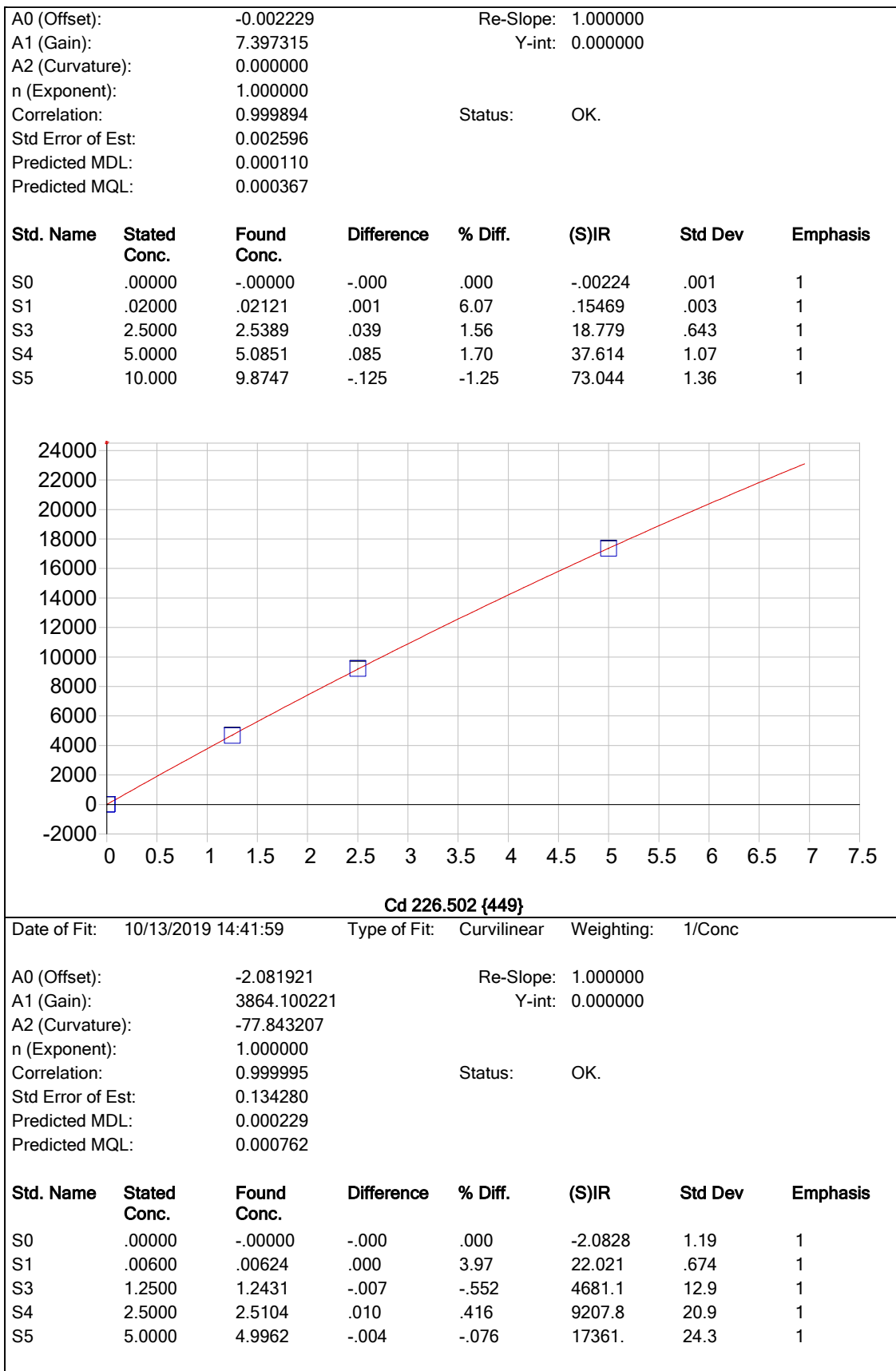
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

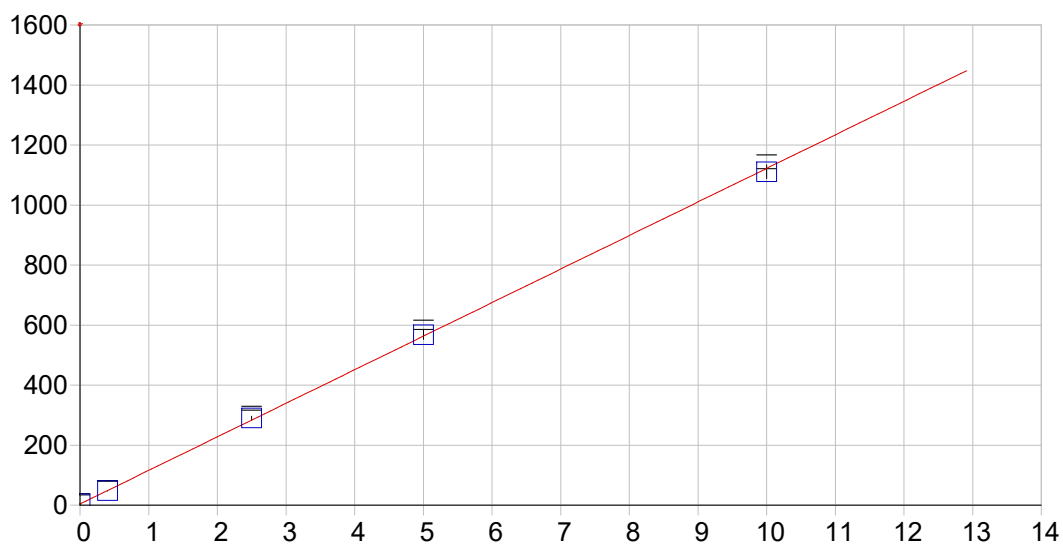
A0 (Offset): 0.000000 Re-Slope: 1.000000









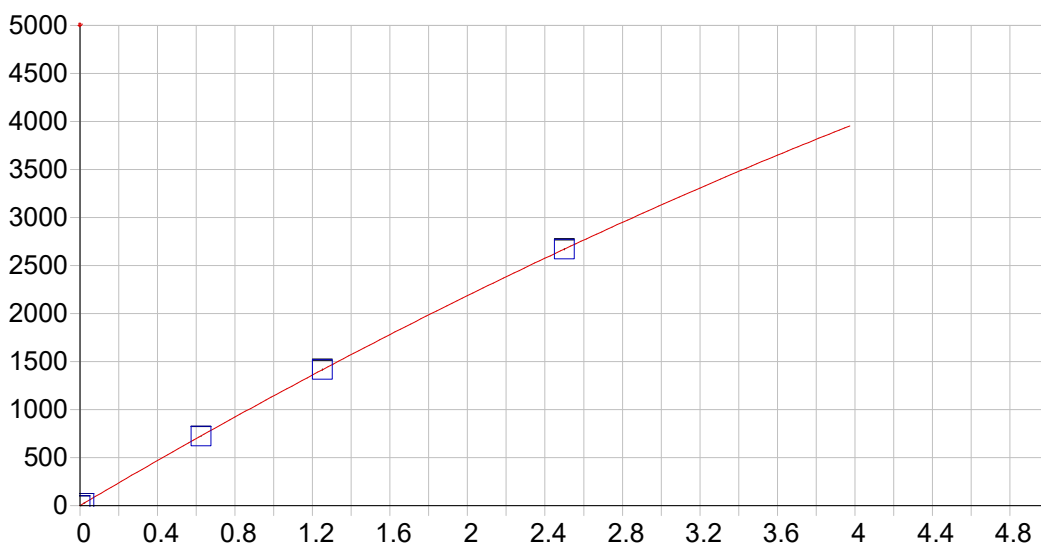


Si 288.158 {117}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.947011 Re-Slope: 1.000000
 A1 (Gain): 111.812004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.155385
 Predicted MDL: 0.020028
 Predicted MQL: 0.066761

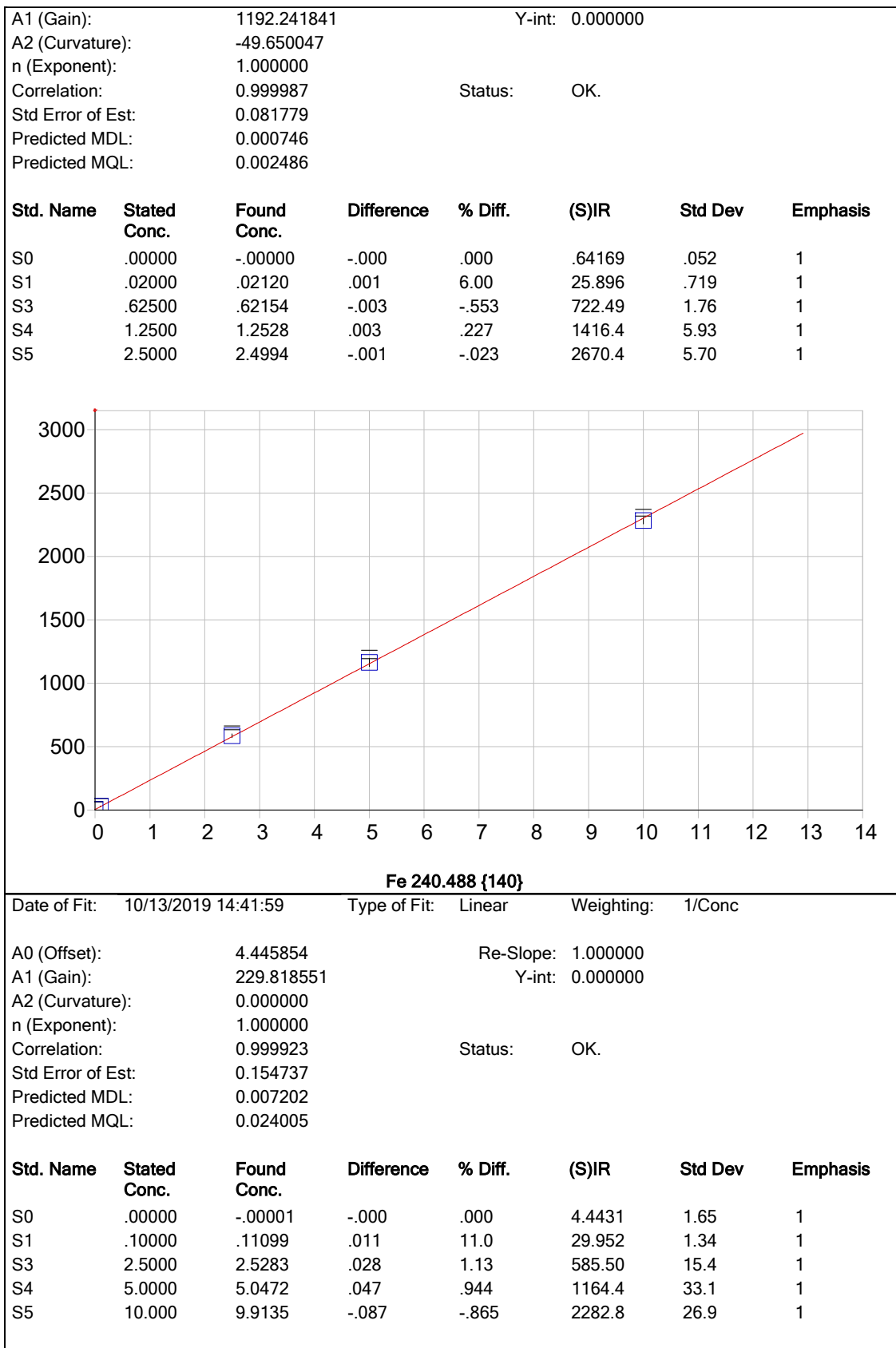
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	3.9464	2.65	1
S1	.40000	.39597	-.004	-1.01	48.221	.956	1
S3	2.5000	2.5609	.061	2.44	290.29	6.20	1
S4	5.0000	5.0432	.043	.865	567.84	15.1	1
S5	10.000	9.8999	-.100	-1.00	1110.9	23.3	1

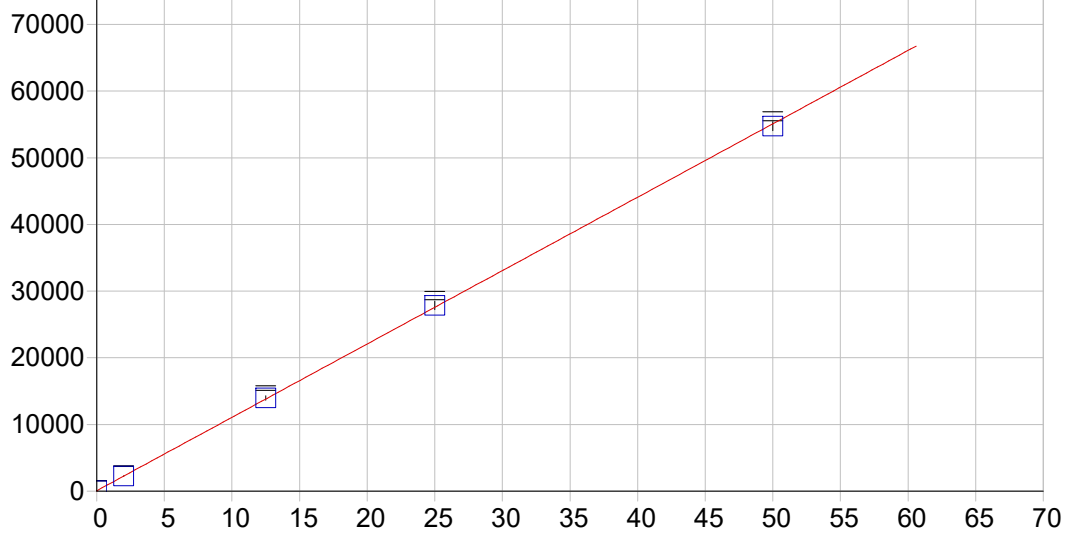


Cu 224.700 {450}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.643037 Re-Slope: 1.000000



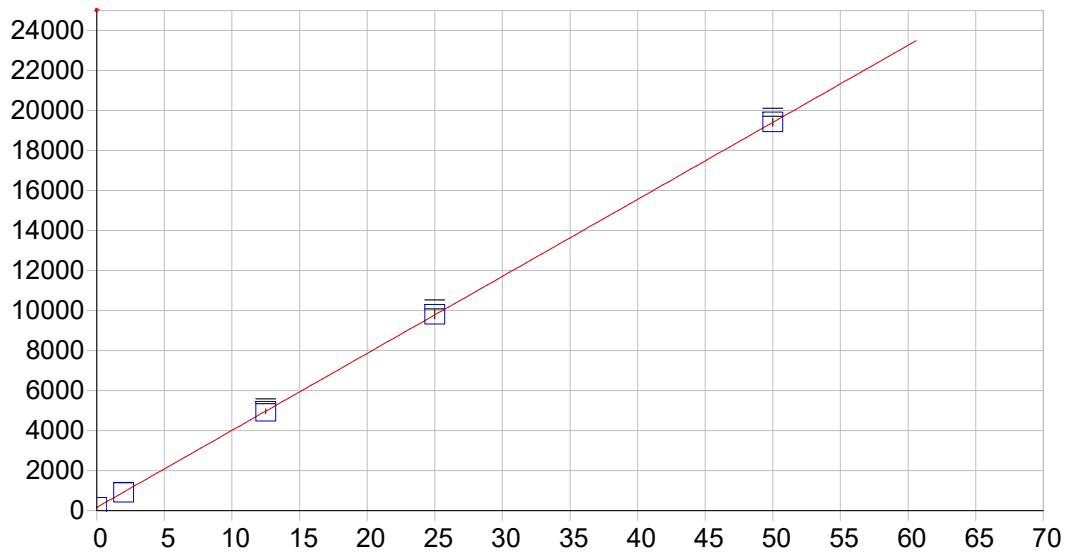


Na 589.592 { 57}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 66.929229 Re-Slope: 1.000000
 A1 (Gain): 1100.513860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 4.933940
 Predicted MDL: 0.010310
 Predicted MQL: 0.034368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	66.927	7.92	1
S2	2.0000	1.9764	-.024	-1.18	2242.0	52.0	1
S3	12.500	12.632	.132	1.06	13969.	345.	1
S4	25.000	25.228	.228	.914	27831.	630.	1
S5	50.000	49.663	-.337	-.674	54722.	672.	1



K 766.490 { 44}

Date of Fit: 10/13/2019 14:41:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 160.791166 Re-Slope: 1.000000

A1 (Gain):	385.023171	Y-int: 0.000000					
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999986	Status:	OK.				
Std Error of Est:	1.114560						
Predicted MDL:	0.034693						
Predicted MQL:	0.115643						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	160.82	5.90	1
S2	2.0000	1.9319	-.068	-3.41	904.61	11.4	1
S3	12.500	12.480	-.020	-.158	4966.0	119.	1
S4	25.000	25.061	.061	.244	9809.8	230.	1
S5	50.000	50.027	.027	.054	19422.	196.	1

Sample Name: S0 Acquired: 10/13/2019 11:16:18 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin 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	.00036	-.00082	-.00138	.00072	.00065	.00409	-.00596	-.00139
Stddev	.00017	.00004	.00017	.00028	.00026	.00031	.00075	.00006
%RSD	48.259	4.9418	12.566	38.479	39.494	7.5190	12.554	4.3558

#1	.00037	-.00081	-.00156	.00063	.00092	.00411	-.00519	-.00134
#2	.00052	-.00079	-.00135	.00049	.00061	.00439	-.00668	-.00146
#3	.00018	-.00087	-.00122	.00102	.00041	.00377	-.00600	-.00138

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00016	-.00034	-.00141	-.00025	.00070	.00022	.00014	-.00002
Stddev	.00018	.00011	.00027	.00013	.00052	.00065	.00017	.00003
%RSD	113.19	33.141	19.358	53.239	73.451	289.05	124.57	139.41

#1	.00013	-.00034	-.00169	-.00040	.00037	-.00052	.00014	-.00006
#2	.00036	-.00022	-.00140	-.00017	.00130	.00053	-.00003	.00001
#3	-.00000	-.00045	-.00114	-.00018	.00044	.00066	.00031	-.00002

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00388	-.00322	.00275	.00023	.00038	-.00042	.00538	.01178
Stddev	.00170	.00016	.00016	.00043	.00021	.00012	.00034	.00254
%RSD	43.791	5.0803	5.7355	192.09	55.390	29.319	6.3011	21.592

#1	.00310	-.00341	.00281	-.00027	.00020	-.00028	.00572	.00971
#2	.00271	-.00310	.00257	.00042	.00032	-.00045	.00504	.01102
#3	.00583	-.00315	.00287	.00053	.00061	-.00052	.00539	.01462

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00224	-2.083	3.946	.6417	4.443	66.93	160.8
Stddev	.00060	1.186	2.649	.0518	1.652	7.92	5.9
%RSD	26.598	56.95	67.12	8.066	37.19	11.84	3.668

#1	-.00169	-1.229	1.908	.6617	6.212	62.29	159.3
#2	-.00287	-1.583	6.940	.5829	2.940	62.42	167.3
#3	-.00216	-3.437	2.991	.6805	4.176	76.07	155.8



Sample Name: S0 Acquired: 10/13/2019 11:16:18 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.4	27106.	6106.3	1224.7	2000.6
Stddev	7.0	171.	156.4	10.1	4.7
%RSD	.36666	.63237	2.5615	.82637	.23615
#1	1906.3	26971.	6286.1	1215.3	1998.0
#2	1913.4	27048.	6001.8	1223.3	1997.7
#3	1920.4	27299.	6030.9	1235.4	2006.1



Sample Name: S1 Acquired: 10/13/2019 11:20:10 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin 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	.00178	.00262	.00057	.00241	.00845	.01004	.25519	.01672
Stddev	.00018	.00010	.00050	.00003	.00046	.00064	.00401	.00017
%RSD	9.9251	3.7245	88.402	1.0472	5.4370	6.3555	1.5720	1.0224

#1	.00173	.00251	.00102	.00242	.00792	.01002	.25060	.01683
#2	.00197	.00266	.00003	.00243	.00865	.01069	.25695	.01680
#3	.00163	.00269	.00066	.00238	.00877	.00941	.25803	.01652

Elem	Cr2677	Co2286	Mn2576	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00161	.02182	.01092	.02684	.00267	.00458	.10778	-.00184
Stddev	.00013	.00034	.00021	.00017	.00005	.00036	.00351	.00010
%RSD	7.8385	1.5725	1.9078	.63554	1.8223	7.7686	3.2590	5.2719

#1	.00165	.02161	.01115	.02704	.00262	.00480	.10726	-.00190
#2	.00172	.02164	.01085	.02675	.00266	.00417	.11152	-.00172
#3	.00147	.02222	.01075	.02674	.00272	.00477	.10456	-.00188

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707	Sr4077	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02662	.13930	.00148	.00833	.01821	.03529	.15469	22.02
Stddev	.00005	.00029	.00023	.00020	.00039	.00128	.00339	.67
%RSD	.18945	.20571	15.497	2.3708	2.1578	3.6212	2.1924	3.060

#1	.02666	.13898	.00173	.00827	.01791	.03403	.15084	22.79
#2	.02656	.13953	.00128	.00855	.01865	.03525	.15602	21.52
#3	.02663	.13940	.00141	.00818	.01807	.03658	.15723	21.75

Elem	Si2881	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S
Avg	48.22	25.90	29.95
Stddev	.96	.72	1.35
%RSD	1.982	2.776	4.489

#1	47.71	26.02	28.49
#2	49.32	25.12	30.22
#3	47.63	26.55	31.14



Sample Name: S1 Acquired: 10/13/2019 11:20:10 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.2	27049.	6059.0	1218.9	2010.5
Stddev	5.1	768.	26.2	34.1	3.5
%RSD	.26362	2.8404	.43253	2.7956	.17213
#1	1929.0	27044.	6089.2	1218.8	2012.0
#2	1920.1	26283.	6041.9	1184.9	2012.9
#3	1920.4	27820.	6045.8	1253.0	2006.5



Sample Name: S2 Acquired: 10/13/2019 11:24:03 Type: Cal
 Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08583	.02739	2242.	904.6
Stddev	.00362	.00094	52.	11.4
%RSD	4.2151	3.4250	2.321	1.259

#1	.08166	.02638	2183.	894.7
#2	.08816	.02754	2263.	902.0
#3	.08766	.02824	2280.	917.1

Int. Std.	Y_3710
Units	Cts/S
Avg	5974.0
Stddev	70.9
%RSD	1.1873

#1	6049.5
#2	5908.8
#3	5963.8



Sample Name: S3 Acquired: 10/13/2019 11:27:52 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin 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	.18150	.22675	.46158	.18092	.37528	.28038	12.864	.37585
Stddev	.00076	.00114	.00274	.00094	.00200	.01003	.419	.00468
%RSD	.41838	.50103	.59356	.52155	.53169	3.5755	3.2549	1.2441

#1	.18228	.22806	.46474	.18199	.37757	.26883	12.381	.37145
#2	.18076	.22603	.45986	.18054	.37390	.28682	13.092	.38076
#3	.18148	.22617	.46014	.18022	.37438	.28549	13.119	.37533

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.54669	.09962	.96469	.66027	.16909	.81643	.15769	.13123
Stddev	.01807	.00058	.00643	.02218	.00540	.00551	.00035	.00423
%RSD	3.3058	.58501	.66674	3.3596	3.1940	.67547	.22269	3.2197

#1	.52591	.10030	.97111	.63466	.16288	.82228	.15742	.12636
#2	.55542	.09929	.95825	.67305	.17167	.81132	.15755	.13358
#3	.55873	.09929	.96472	.67310	.17272	.81569	.15808	.13376

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0908	.18004	.59909	1.7001	.11616	.57845	.81476	3.0928
Stddev	.0195	.00170	.00740	.0162	.00096	.00312	.02705	.1048
%RSD	.63128	.94612	1.2354	.95207	.82650	.53916	3.3204	3.3886

#1	3.1095	.18162	.59172	1.7180	.11718	.58120	.78360	2.9718
#2	3.0705	.17823	.60652	1.6864	.11527	.57506	.82834	3.1508
#3	3.0924	.18027	.59901	1.6959	.11603	.57910	.83233	3.1557

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.779	4681.	290.3	722.5	585.5	13970.	4966.
Stddev	.643	13.	6.2	1.8	15.4	346.	119.
%RSD	3.4244	.2753	2.136	.2440	2.637	2.473	2.401

#1	18.036	4668.	283.1	721.9	568.0	13580.	4832.
#2	19.148	4681.	294.0	724.5	591.1	14110.	5007.
#3	19.153	4694.	293.7	721.1	597.3	14220.	5060.



Sample Name: S3 Acquired: 10/13/2019 11:27:52 Type: Cal
 Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.9	26462.	5988.6	1197.8	1908.5
Stddev	18.9	69.	60.3	6.4	18.2
%RSD	1.0056	.25896	1.0073	.53812	.95609
#1	1856.4	26507.	6047.6	1191.0	1888.3
#2	1891.7	26497.	5927.0	1203.7	1923.8
#3	1885.7	26383.	5991.3	1198.8	1913.4



Sample Name: S4 Acquired: 10/13/2019 11:31:28 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin 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	.36880	.46602	.95312	.36382	.76145	.56282	25.720	.75299
Stddev	.00836	.01024	.01914	.00836	.01645	.01709	.734	.00724
%RSD	2.2655	2.1963	2.0083	2.2976	2.1603	3.0368	2.8520	.96168

#1	.36618	.46151	.94760	.36111	.75788	.54415	24.922	.74465
#2	.37816	.47774	.97441	.37320	.77939	.56662	25.872	.75664
#3	.36208	.45881	.93734	.35715	.74708	.57770	26.365	.75768

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0891	.19628	1.9782	1.3146	.33685	1.6713	.31278	.26361
Stddev	.0321	.00046	.0383	.0371	.00998	.0350	.00070	.00908
%RSD	2.9499	.23368	1.9352	2.8243	2.9638	2.0925	.22354	3.4437

#1	1.0543	.19646	1.9624	1.2737	.32558	1.6576	.31355	.25342
#2	1.0954	.19576	2.0218	1.3239	.34039	1.7110	.31218	.26655
#3	1.1176	.19662	1.9503	1.3463	.34458	1.6451	.31260	.27084

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0878	.38108	1.2040	3.4261	.24548	1.1979	1.6174	6.1762
Stddev	.0226	.00750	.0132	.0786	.00563	.0244	.0515	.1895
%RSD	.37151	1.9691	1.0936	2.2949	2.2933	2.0369	3.1831	3.0689

#1	6.0997	.37775	1.1889	3.4113	.24353	1.1873	1.5584	5.9659
#2	6.0617	.38968	1.2103	3.5111	.25183	1.2258	1.6402	6.2289
#3	6.1020	.37582	1.2129	3.3560	.24109	1.1806	1.6535	6.3338

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	37.614	9208.	567.8	1416.	1164.	27830.	9810.
Stddev	1.067	21.	15.1	6.	33.	630.	230.
%RSD	2.8369	.2265	2.660	.4185	2.842	2.264	2.347

#1	36.442	9199.	550.8	1410.	1128.	27170.	9556.
#2	37.870	9232.	573.3	1422.	1174.	27890.	9870.
#3	38.530	9193.	579.5	1417.	1192.	28430.	10000.



Sample Name: S4 Acquired: 10/13/2019 11:31:28 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.0	26345.	6002.2	1190.0	1814.7
Stddev	39.1	73.	38.7	3.0	34.5
%RSD	2.1178	.27737	.64498	.25211	1.9035
#1	1851.1	26278.	6046.9	1186.6	1826.2
#2	1801.9	26334.	5980.9	1191.8	1775.8
#3	1879.0	26423.	5978.8	1191.7	1842.0



Sample Name: S5 Acquired: 10/13/2019 11:35:01 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin 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	.72012	.91820	1.8924	.70961	1.4809	1.1189	49.256	1.4545
Stddev	.00146	.00166	.0018	.00139	.0013	.0113	1.849	.0057
%RSD	.20337	.18049	.09723	.19527	.08795	1.0110	3.7534	.39259

#1	.71890	.92002	1.8908	.71034	1.4796	1.1064	47.135	1.4607
#2	.71970	.91678	1.8944	.70802	1.4811	1.1218	50.109	1.4536
#3	.72174	.91781	1.8921	.71049	1.4822	1.1285	50.525	1.4494

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1417	.37527	3.9273	2.5730	.66674	3.2913	.60317	.51907
Stddev	.0226	.00083	.0079	.0239	.00749	.0035	.00070	.00382
%RSD	1.0548	.22208	.20066	.92832	1.1229	.10539	.11631	.73577

#1	2.1179	.37445	3.9279	2.5463	.65819	3.2917	.60242	.51476
#2	2.1443	.37612	3.9191	2.5802	.66987	3.2877	.60380	.52204
#3	2.1628	.37523	3.9348	2.5924	.67215	3.2946	.60329	.52041

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.543	.78317	2.3264	6.6075	.50531	2.3937	3.1524	12.206
Stddev	.071	.00095	.0135	.0051	.00075	.0013	.0297	.121
%RSD	.61715	.12149	.58098	.07751	.14925	.05563	.94271	.98807

#1	11.620	.78422	2.3417	6.6016	.50444	2.3940	3.1193	12.078
#2	11.479	.78295	2.3159	6.6098	.50573	2.3922	3.1610	12.222
#3	11.531	.78235	2.3218	6.6110	.50577	2.3948	3.1769	12.317

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	73.044	17360.	1111.	2670.	2283.	54720.	19420.
Stddev	1.363	24.	23.	6.	27.	672.	196.
%RSD	1.8665	.1401	2.099	.2133	1.179	1.228	1.009

#1	71.722	17330.	1084.	2665.	2253.	53950.	19200.
#2	72.965	17380.	1123.	2676.	2306.	55020.	19500.
#3	74.446	17370.	1125.	2670.	2289.	55190.	19570.



Sample Name: S5 Acquired: 10/13/2019 11:35:01 Type: Cal
Method: NON EPA-6010-200.7(v9) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.6	26047.	5985.6	1177.2	1719.9
Stddev	1.9	44.	16.5	2.6	2.6
%RSD	.10413	.16969	.27645	.21681	.15192
#1	1814.8	26094.	5967.1	1174.3	1717.0
#2	1816.5	26007.	5998.8	1179.3	1721.9
#3	1818.6	26040.	5991.0	1178.0	1721.0



Sample Name: ICV01 Acquired: 10/13/2019 11:44:49 Type: Unk
Method: NON EPA-6010-200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9784299	.9937872	.9614780	.9922777	.9537232	2.526501
Stddev	.0068678	.0026665	.0041412	.0073178	.0010318	.081037
%RSD	.7019235	.2683145	.4307078	.7374722	.1081889	3.207499

#1	.9779766	.9917371	.9657247	.9954858	.9547424	2.433181
#2	.9717999	.9968017	.9574511	.9839038	.9526792	2.579126
#3	.9855131	.9928227	.9612582	.9974434	.9537480	2.567197

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5086802	.4926326	10.10629	.5051587	.4824736	.5067588
Stddev	.0129228	.0067161	.23888	.0096239	.0008615	.0113173
%RSD	2.540453	1.363297	2.363708	1.905124	.1785580	2.233271

#1	.4939034	.4871100	9.83152	.4955866	.4833160	.4937299
#2	.5178664	.5001088	10.22262	.5148336	.4815942	.5141486
#3	.5142709	.4906789	10.26471	.5050561	.4825107	.5123980

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.990470	.4901978	.4819020	.4760052	1.036272	F -.004550
Stddev	.154434	.0021486	.0074620	.0091920	.014679	.003535
%RSD	2.577998	.4383083	1.548447	1.931067	1.416476	77.69740

#1	5.814824	.4926770	.4737155	.4658400	1.019886	-.007053
#2	6.051621	.4888770	.4883229	.4784432	1.048218	-.000506
#3	6.104964	.4890394	.4836676	.4837324	1.040712	-.006093

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.540468	2.546146	F -.001065	2.402683	2.504157	F .0004511
Stddev	.027049	.009788	.005185	.010020	.056669	.0002408
%RSD	1.064727	.3844161	486.9212	.4170431	2.263015	53.38420

#1	2.516109	2.547972	-.006006	2.412333	2.441400	.0003287
#2	2.569578	2.535575	-.001523	2.392329	2.519484	.0002960
#3	2.535719	2.554893	.004334	2.403386	2.551586	.0007285



Sample Name: ICV01 Acquired: 10/13/2019 11:44:49 Type: Unk
Method: NON EPA-6010-200.7(v9) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.484230	.4915900	2.509412	.5012376	5.063346	10.06423
Stddev	.063753	.0012583	.065709	.0036924	.118634	.19229
%RSD	2.566312	.2559672	2.618498	.7366489	2.342997	1.910642

#1	2.410880	.4901761	2.445711	.4987037	4.940583	9.85830
#2	2.526318	.4925869	2.505565	.5054741	5.072088	10.09531
#3	2.515491	.4920070	2.576959	.4995351	5.177367	10.23909

Elem	K_7664
Units	ppm
Avg	10.07157
Stddev	.20098
%RSD	1.995518

#1	9.85328
#2	10.11248
#3	10.24894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.789	26830.03	6105.735	1206.848	1945.800
Stddev	6.585	363.73	60.724	13.968	7.704
%RSD	.3479151	1.355664	.9945335	1.157361	.3959335

#1	1887.323	27195.38	6156.468	1221.059	1939.727
#2	1900.100	26467.95	6038.452	1193.137	1954.466
#3	1890.944	26826.76	6122.284	1206.349	1943.207



Sample Name: LLICV01 Acquired: 10/13/2019 12:15:23 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196558	.0429261	.0123392	.0229154	.0531551	.1054638	.1051112
Stddev	.0016456	.0023655	.0032682	.0023345	.0012329	.0084308	.0017796
%RSD	8.372055	5.510590	26.48665	10.18751	2.319461	7.994015	1.693020

#1	.0190617	.0411242	.0116864	.0206813	.0545357	.1050427	.1030652
#2	.0215160	.0420492	.0094465	.0253388	.0527657	.0972515	.1062990
#3	.0183898	.0456048	.0158845	.0227261	.0521639	.1140973	.1059695

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063956	2.076261	.0101645	.0302223	.0224412	2.102328	.0411687
Stddev	.0001280	.059809	.0004175	.0004184	.0006893	.077149	.0002211
%RSD	2.001736	2.880616	4.107419	1.384281	3.071689	3.669716	.5371219

#1	.0065213	2.012242	.0102125	.0303328	.0218887	2.017905	.0411690
#2	.0064000	2.085834	.0097250	.0305744	.0222213	2.119910	.0413897
#3	.0062654	2.130706	.0105558	.0297598	.0232136	2.169169	.0409474

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104526	.0386862	.0438738	.0168213	.1008883	.2142000	.0201752
Stddev	.0002945	.0051175	.0009627	.0012356	.0019626	.0013306	.0056129
%RSD	2.817931	13.22811	2.194296	7.345249	1.945329	.6212159	27.82089

#1	.0102870	.0364198	.0439826	.0169662	.0990560	.2131388	.0181426
#2	.0107927	.0445455	.0447775	.0155197	.1029594	.2156929	.0158617
#3	.0102781	.0350933	.0428613	.0179781	.1006497	.2137682	.0265212

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383195	.0411354	.0195568	.0216832	.0062683	.4143477	.0210018
Stddev	.0007105	.0025098	.0009702	.0004036	.0001908	.0030445	.0011294
%RSD	1.854113	6.101302	4.961117	1.861431	3.044424	.7347678	5.377684

#1	.0391260	.0385293	.0184932	.0212603	.0063216	.4121619	.0212515
#2	.0377858	.0435363	.0203934	.0217251	.0060564	.4130561	.0197684
#3	.0380467	.0413408	.0197838	.0220643	.0064268	.4178250	.0219854



Sample Name: LLICV01 Acquired: 10/13/2019 12:15:23 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0908648	2.043031	2.021810
Stddev	.0044839	.043643	.054436
%RSD	4.934695	2.136200	2.692433

#1	.0865078	1.993577	1.971811
#2	.0954656	2.059360	2.079800
#3	.0906209	2.076154	2.013819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1882.744	27175.82	6013.297	1227.234	1974.224
Stddev	5.288	32.78	13.491	13.392	2.483
%RSD	.2808594	.1206343	.2243548	1.091221	.1257512

#1	1886.673	27151.48	5997.975	1219.602	1975.997
#2	1876.731	27162.89	6023.395	1219.404	1975.288
#3	1884.826	27213.10	6018.521	1242.698	1971.387



Sample Name: ICB01 Acquired: 10/13/2019 12:21:04 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006701	.0013807	-.002356	.0011182	.0018939	-.000516	.0000558
Stddev	.0017312	.0020287	.001769	.0026272	.0020342	.004516	.0000767
%RSD	258.3517	146.9283	75.11064	234.9419	107.4088	874.7758	137.5076

#1	-.000563	.0016694	-.004378	-.001514	.0018717	.000414	.0001394
#2	.002649	-.000777	-.001596	.003740	.0039390	.003462	.0000394
#3	-.000075	.003250	-.001094	.001129	-.000129	-.005425	-.000011

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000046	.0024411	-.000623	.0005632	-.000355	.0204716	.0000194
Stddev	.000103	.0069139	.000741	.0003057	.000352	.0205844	.0003288
%RSD	222.5131	283.2339	118.7967	54.28626	99.13291	100.5512	1693.321

#1	.000011	-.003966	-.001381	.0003501	-.000599	-.001305	.0001881
#2	.000015	.009769	-.000589	.0009135	-.000513	.039609	.0002296
#3	-.000165	.001520	.000099	.0004260	.000048	.023111	-.000359

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000435	-.000867	-.000491	-.002876	-.002999	-.000210	.0044686
Stddev	.000278	.001861	.000385	.001269	.000820	.000519	.0014320
%RSD	63.77668	214.7828	78.47272	44.12198	27.33022	247.1783	32.04454

#1	-.000136	.001152	-.000187	-.002028	-.002473	.000122	.0039213
#2	-.000484	-.001235	-.000362	-.004334	-.002581	.000056	.0033910
#3	-.000685	-.002516	-.000924	-.002264	-.003944	-.000808	.0060935

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000249	-.000649	-.000181	-.000017	.0000195	-.009071	.0003885
Stddev	.000289	.000950	.000782	.000060	.0001027	.024207	.0008239
%RSD	115.7108	146.4888	432.6556	361.2815	526.5427	266.8536	212.0828

#1	-.000210	.000200	-.000392	.000050	-.000074	-.002961	.0012727
#2	-.000556	-.001675	.000685	-.000033	.000129	-.035748	.0002503
#3	.000017	-.000471	-.000836	-.000067	.000004	.011495	-.000358



Sample Name: ICB01 Acquired: 10/13/2019 12:21:04 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.001772	-.019162	.0130018
Stddev	.012035	.011423	.0044905
%RSD	679.1196	59.61170	34.53758

#1	-.009695	-.031381	.0110345
#2	-.007698	-.008751	.0098306
#3	.012077	-.017354	.0181401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.759	27594.55	6113.361	1249.708	1973.915
Stddev	6.389	69.18	85.344	12.299	1.245
%RSD	.3386399	.2506945	1.396030	.9841428	.0630539

#1	1893.881	27516.62	6211.733	1238.221	1972.755
#2	1881.530	27618.34	6069.261	1248.219	1975.230
#3	1884.866	27648.69	6059.088	1262.683	1973.760



Sample Name: CRI01 Acquired: 10/13/2019 12:24:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202660	.0432886	.0106178	.0224411	.0533503	.1163289	.1043297
Stddev	.0017341	.0023432	.0019273	.0030755	.0008838	.0091801	.0024151
%RSD	8.556507	5.412894	18.15162	13.70498	1.656525	7.891489	2.314913

#1	.0189799	.0441184	.0127835	.0241541	.0523336	.1250535	.1016065
#2	.0222381	.0406434	.0090912	.0188905	.0537837	.1171806	.1051706
#3	.0195801	.0451039	.0099788	.0242786	.0539338	.1067527	.1062120

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063313	2.086325	.0098149	.0308575	.0221722	2.100280	.0414695
Stddev	.0000568	.046319	.0003029	.0002996	.0005532	.065650	.0005137
%RSD	.8973027	2.220131	3.085660	.9708913	2.494850	3.125763	1.238825

#1	.0063707	2.032844	.0094725	.0305922	.0215860	2.025052	.0417616
#2	.0062662	2.113580	.0099246	.0311824	.0222454	2.145988	.0408763
#3	.0063571	2.112552	.0100476	.0307979	.0226851	2.129799	.0417706

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106649	.0378393	.0427338	.0168414	.1025877	.2150223	.0186703
Stddev	.0007652	.0015676	.0006877	.0014429	.0020656	.0006039	.0012312
%RSD	7.175389	4.142774	1.609362	8.567581	2.013521	.2808634	6.594508

#1	.0104643	.0365810	.0433653	.0168468	.1004180	.2155163	.0197435
#2	.0115104	.0395953	.0428350	.0182815	.1045305	.2143491	.0173262
#3	.0100199	.0373417	.0420010	.0153958	.1028145	.2152016	.0189410

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378310	.0409509	.0199119	.0217991	.0062181	.4127332	.0207744
Stddev	.0013180	.0007347	.0009214	.0004968	.0002332	.0136051	.0001825
%RSD	3.483962	1.794173	4.627554	2.279173	3.750604	3.296347	.8786706

#1	.0393318	.0407309	.0205099	.0212254	.0061713	.3977805	.0205703
#2	.0368616	.0403513	.0188508	.0220815	.0064712	.4243824	.0208307
#3	.0372997	.0417705	.0203750	.0220903	.0060118	.4160367	.0209221



Sample Name: CRI01 Acquired: 10/13/2019 12:24:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0934091	2.082669	2.066973
Stddev	.0039227	.051005	.037865
%RSD	4.199466	2.449043	1.831897

#1	.0910559	2.029970	2.031477
#2	.0912339	2.086242	2.062614
#3	.0979375	2.131793	2.106829

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.476	27532.90	6123.750	1245.159	1981.453
Stddev	6.554	117.36	32.573	7.063	5.682
%RSD	.3459473	.4262608	.5319113	.5672221	.2867786

#1	1887.892	27398.58	6154.519	1237.027	1975.305
#2	1894.534	27584.45	6089.632	1249.763	1986.512
#3	1901.000	27615.66	6127.100	1248.686	1982.543



Sample Name: ICSA01 Acquired: 10/13/2019 12:28:51 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070118	-.009881	-.000680	.0083128	.0209851	255.2953	.0050298
Stddev	.0049892	.003287	.002815	.0063261	.0011742	9.4084	.0007177
%RSD	71.15374	33.26117	414.0119	76.10174	5.595160	3.685291	14.26982

#1	.0104893	-.013336	-.001778	.0141083	.0222114	244.4694	.0042119
#2	.0012954	-.009513	.002519	.0092658	.0208728	259.9225	.0055547
#3	.0092508	-.006794	-.002781	.0015642	.0198712	261.4940	.0053228

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000821	237.2721	.0550848	.0018958	.0134710	251.7974	-.019420
Stddev	.0000551	8.5179	.0006621	.0001613	.0008523	9.3655	.001719
%RSD	67.12735	3.589922	1.201962	8.511165	6.327206	3.719476	8.851944

#1	.0001158	227.4839	.0547046	.0019413	.0127357	241.0142	-.017490
#2	.0001120	241.3302	.0547004	.0017166	.0132721	256.4776	-.019981
#3	.0000185	243.0021	.0558493	.0020295	.0144052	257.9002	-.020788

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007006	-.002365	.0061508	-.006741	.0321054	-.002244	.0157077
Stddev	.000596	.004600	.0003193	.001553	.0046392	.000492	.0046886
%RSD	8.502337	194.5400	5.190681	23.03542	14.44999	21.90744	29.84884

#1	-.006563	.002596	.0063572	-.006818	.0311732	-.001833	.0158409
#2	-.007683	-.003201	.0057831	-.008254	.0280031	-.002788	.0203283
#3	-.006770	-.006489	.0063121	-.005151	.0371400	-.002111	.0109540

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005670	.0000643	.0040504	-.009233	-.003789	-.015037	.0122686
Stddev	.000369	.0013903	.0013004	.001557	.000363	.008685	.0006348
%RSD	6.509301	2163.522	32.10519	16.86018	9.566664	57.75667	5.174261

#1	-.005306	-.000532	.0027706	-.011014	-.003388	-.021548	.0127721
#2	-.005659	-.000929	.0053704	-.008134	-.003887	-.005176	.0115555
#3	-.006044	.001653	.0040102	-.008551	-.004093	-.018386	.0124783



Sample Name: ICSA01 Acquired: 10/13/2019 12:28:51 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	92.86002	.0119126	-.025664
Stddev	2.07974	.0018071	.040331
%RSD	2.239653	15.16949	157.1516

#1	90.57002	.0099937	-.065788
#2	93.37874	.0135818	.014871
#3	94.63131	.0121622	-.026075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.734	25241.57	6019.302	1154.197	1673.935
Stddev	3.787	12.53	91.306	1.714	2.320
%RSD	.2146874	.0496436	1.516884	.1484995	.1385949

#1	1762.078	25229.61	6120.038	1155.625	1674.482
#2	1768.066	25254.60	5941.991	1154.669	1675.933
#3	1761.058	25240.48	5995.876	1152.296	1671.391



Sample Name: ICSAB01 Acquired: 10/13/2019 12:32:41 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040916	.0869437	.0494418	.0583969	.6130300	253.2587
Stddev	.0040798	.0029756	.0009524	.0068204	.0030180	8.6301
%RSD	3.919430	3.422419	1.926333	11.67943	.4923127	3.407615

#1	.1029669	.0836746	.0484995	.0522304	.6108830	243.4277
#2	.1006922	.0894941	.0504040	.0657226	.6117263	256.7631
#3	.1086158	.0876623	.0494219	.0572376	.6164807	259.5855

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5142167	.5048581	236.7733	.5451291	.4818951	.5019535
Stddev	.0162616	.0035257	8.0164	.0006415	.0011643	.0156971
%RSD	3.162411	.6983522	3.385683	.1176708	.2416105	3.127197

#1	.4955848	.5019106	227.6329	.5458694	.4823017	.4838541
#2	.5215125	.5087639	240.0771	.5447800	.4805821	.5101633
#3	.5255527	.5039000	242.6097	.5447379	.4828017	.5118432

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	251.5940	.9355586	.2005361	.4792865	1.005662	F -.008863
Stddev	8.6956	.0032821	.0002702	.0161813	.003105	.000656
%RSD	3.456187	.3508187	.1347371	3.376114	.3087934	7.402528

#1	241.7215	.9392619	.2007674	.4607812	1.008941	-.008115
#2	254.9455	.9330096	.2006017	.4863035	1.005279	-.009344
#3	258.1152	.9344043	.2002391	.4907748	1.002765	-.009128

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.041987	1.038052	F .0078064	1.028045	1.004810	F .0057412
Stddev	.018814	.000027	.0039969	.002644	.036742	.0001788
%RSD	1.805617	.0026279	51.20049	.2571687	3.656568	3.114357

#1	1.021726	1.038070	.0116986	1.029244	.963175	.0059316
#2	1.045328	1.038065	.0080082	1.029876	1.018569	.0057152
#3	1.058907	1.038020	.0037124	1.025014	1.032687	.0055769



Sample Name: ICSAB01 Acquired: 10/13/2019 12:32:41 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.012003	.8620924	.9916601	.4425999	91.10872	.0203139
Stddev	.031251	.0024248	.0227539	.0020151	2.26561	.0092726
%RSD	3.088007	.2812744	2.294531	.4552751	2.486715	45.64662
#1	.976585	.8593736	.9733945	.4414271	88.62376	.0096714
#2	1.023728	.8628719	.9844368	.4414460	91.64287	.0246176
#3	1.035696	.8640316	1.017149	.4449267	93.05953	.0266526

Elem	K_7664
Units	ppm
Avg	-.043556
Stddev	.003211
%RSD	7.371989
#1	-.045503
#2	-.045314
#3	-.039850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.324	25088.47	5924.365	1140.274	1677.850
Stddev	3.961	33.40	44.739	4.236	6.393
%RSD	.2238430	.1331441	.7551716	.3715285	.3810500
#1	1765.018	25095.36	5971.629	1136.326	1670.472
#2	1772.812	25052.16	5882.673	1139.746	1681.322
#3	1770.141	25117.90	5918.791	1144.750	1681.757



Sample Name: CCV01 Acquired: 10/13/2019 12:36:20 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.031013	5.007030	4.996392	5.051768	5.067945	10.08666	10.11101
Stddev	.009818	.011909	.006808	.007203	.010141	.48199	.39122
%RSD	.1951499	.2378543	.1362601	.1425880	.2001008	4.778460	3.869289

#1	5.020022	5.004409	4.998945	5.047710	5.056298	9.53025	9.65927
#2	5.034101	4.996649	4.988676	5.047509	5.074821	10.35381	10.33873
#3	5.038915	5.020032	5.001554	5.060085	5.072714	10.37591	10.33503

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2567858	25.00473	1.005279	2.495631	2.530273	25.09395	2.518063
Stddev	.0034527	.99603	.002239	.006527	.105679	1.07789	.006527
%RSD	1.344591	3.983355	.2227063	.2615460	4.176582	4.295421	.2592214

#1	.2535194	23.85494	1.002857	2.489468	2.408366	23.84939	2.516836
#2	.2603987	25.55599	1.007273	2.494954	2.595911	25.72846	2.512236
#3	.2564394	25.60325	1.005708	2.502470	2.586543	25.70399	2.525116

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.268405	2.482045	2.529377	5.077778	5.110246	5.095974	4.962680
Stddev	.004316	.103759	.009446	.009945	.071738	.011546	.008630
%RSD	.3402967	4.180372	.3734453	.1958482	1.403802	.2265668	.1739056

#1	1.271639	2.362270	2.520127	5.084326	5.036301	5.086158	4.957867
#2	1.263504	2.539429	2.539007	5.066334	5.179551	5.093068	4.957529
#3	1.270072	2.544437	2.528997	5.082673	5.114886	5.108695	4.972643

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.984782	4.988278	5.031708	5.062812	2.509652	5.006364	1.256829
Stddev	.014286	.203773	.201051	.193859	.004087	.127767	.000795
%RSD	.2865828	4.085030	3.995688	3.829068	.1628391	2.552089	.0632650

#1	4.975286	4.753150	4.799569	4.838972	2.508437	4.859818	1.256085
#2	4.977848	5.098133	5.150073	5.176403	2.506310	5.064886	1.257667
#3	5.001211	5.113551	5.145482	5.173062	2.514208	5.094388	1.256734



Sample Name: CCV01 Acquired: 10/13/2019 12:36:20 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	5.025544	25.12308	25.23016
Stddev	.149595	.67236	.69595
%RSD	2.976689	2.676257	2.758387

#1	4.855619	24.37393	24.44105
#2	5.083621	25.32118	25.49311
#3	5.137390	25.67414	25.75633

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.947	26545.39	6033.969	1205.152	1824.267
Stddev	3.392	32.18	93.564	3.141	2.729
%RSD	.1827463	.1212133	1.550629	.2605969	.1496048

#1	1858.966	26577.46	6132.926	1208.516	1825.351
#2	1856.597	26513.10	5946.942	1202.296	1826.287
#3	1852.277	26545.61	6022.038	1204.646	1821.162



Sample Name: LLCCV01 Acquired: 10/13/2019 12:44:13 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185435	.0423301	.0109231	.0238854	.0556022	.1071537	.1027085
Stddev	.0024094	.0021766	.0020745	.0027709	.0015172	.0145974	.0042937
%RSD	12.99296	5.141974	18.99207	11.60086	2.728629	13.62286	4.180487

#1	.0166931	.0439207	.0087367	.0243744	.0568084	.0978548	.0977586
#2	.0212679	.0432200	.0111687	.0209025	.0538988	.0996281	.1049390
#3	.0176697	.0398495	.0128638	.0263792	.0560995	.1239782	.1054278

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064136	2.072547	.0094333	.0304827	.0223471	2.080702	.0419558
Stddev	.0001933	.093647	.0009924	.0003525	.0013568	.064063	.0002367
%RSD	3.013237	4.518469	10.52065	1.156382	6.071442	3.078905	.5642605

#1	.0062211	1.966096	.0093748	.0308815	.0208152	2.007068	.0421898
#2	.0064121	2.109309	.0084714	.0302128	.0233974	2.111388	.0419612
#3	.0066076	2.142236	.0104537	.0303538	.0228288	2.123650	.0417164

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102559	.0431169	.0423078	.0171927	.1036158	.2158130	.0204943
Stddev	.0003489	.0024007	.0010520	.0018696	.0028710	.0011099	.0034656
%RSD	3.402149	5.567891	2.486532	10.87419	2.770788	.5142849	16.91028

#1	.0103067	.0439711	.0411345	.0192826	.1020216	.2170155	.0169891
#2	.0105767	.0449737	.0426221	.0166163	.1018957	.2148279	.0205749
#3	.0098844	.0404060	.0431668	.0156792	.1069302	.2155955	.0239190

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375449	.0397538	.0202517	.0215378	.0063468	.4070701	.0221818
Stddev	.0004553	.0015850	.0011108	.0008947	.0001766	.0113660	.0007215
%RSD	1.212591	3.987115	5.485009	4.154059	2.782039	2.792147	3.252628

#1	.0371883	.0393025	.0201355	.0205094	.0065057	.4067968	.0229768
#2	.0373886	.0384434	.0214160	.0219662	.0063780	.3958431	.0220002
#3	.0380577	.0415156	.0192036	.0221376	.0061567	.4185702	.0215685



Sample Name: LLCCV01 Acquired: 10/13/2019 12:44:13 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0990251	2.055093	2.074012
Stddev	.0108365	.044270	.064145
%RSD	10.94317	2.154181	3.092806

#1	.1036325	2.004198	2.004412
#2	.1067964	2.084686	2.086870
#3	.0866462	2.076394	2.130755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.978	27836.67	6187.512	1262.806	1991.897
Stddev	6.201	285.05	101.031	12.381	8.437
%RSD	.3249863	1.024015	1.632820	.9804064	.4235510

#1	1905.946	28164.16	6302.614	1276.042	1989.380
#2	1914.940	27644.41	6146.421	1251.509	2001.305
#3	1903.049	27701.42	6113.502	1260.867	1985.005



Sample Name: CCB01 Acquired: 10/13/2019 12:48:07 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003938	-.000152	-.000586	.0037338	-.000555	-.004098	-.000616
Stddev	.0039116	.003094	.002281	.0016805	.001184	.000941	.001077
%RSD	993.2762	2035.807	389.0697	45.00747	213.2760	22.95406	174.8476

#1	-.000344	.000653	.001072	.0056740	-.001893	-.003553	.000295
#2	-.003096	.002460	.000356	.0027875	.000356	-.005185	-.000338
#3	.004622	-.003569	-.003188	.0027398	-.000128	-.003558	-.001805

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	-.000334	.0002623	.0007623	-.000162	.0302054	.0001680
Stddev	.000057	.004846	.0010541	.0001415	.000457	.0234712	.0002438
%RSD	69.17462	1449.025	401.8372	18.55767	281.8618	77.70518	145.1177

#1	-.000035	-.004506	-.000849	.0008375	.000333	.0038415	-.000100
#2	-.000066	-.001478	.000389	.0005991	-.000569	.0488284	.000228
#3	-.000145	.004981	.001248	.0008503	-.000251	.0379463	.000376

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000171	.0000253	-.000934	-.004066	-.001723	-.000300	.0022690
Stddev	.000230	.0042571	.000320	.002087	.000963	.000257	.0035920
%RSD	135.0575	16833.25	34.25822	51.33392	55.87953	85.69265	158.3116

#1	-.000010	-.001248	-.000901	-.002299	-.001963	-.000259	.0005324
#2	-.000435	.004774	-.000631	-.006369	-.000663	-.000576	.0063993
#3	-.000067	-.003450	-.001268	-.003531	-.002543	-.000066	-.000125

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000331	.0013272	-.000021	.0000346	.0001360	-.003756	.0014258
Stddev	.000361	.0007704	.000796	.0000771	.0000963	.014413	.0004439
%RSD	109.0809	58.04808	3799.090	222.7963	70.83874	383.7446	31.13379

#1	-.000654	.0009163	-.000750	-.000036	.0001690	-.010934	.0017459
#2	-.000399	.0022160	.000828	.000022	.0000275	.012836	.0009191
#3	.000059	.0008494	-.000141	.000117	.0002116	-.013169	.0016125



Sample Name: CCB01 Acquired: 10/13/2019 12:48:07 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.007527	-.040881	-.035474
Stddev	.003875	.003761	.023049
%RSD	51.48754	9.198916	64.97415

#1	-.007836	-.039153	-.009491
#2	-.003506	-.038294	-.053459
#3	-.011238	-.045195	-.043473

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.440	27712.98	6162.876	1262.214	1994.716
Stddev	9.260	178.91	154.179	16.659	8.726
%RSD	.4854617	.6455808	2.501743	1.319819	.4374362

#1	1903.689	27553.60	6340.857	1250.993	1991.170
#2	1917.986	27906.50	6070.236	1281.355	2004.656
#3	1900.643	27678.84	6077.535	1254.293	1988.321



Sample Name: LR CHECK 2 Acquired: 10/13/2019 13:03:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124528	.0272728	265.9743	.0290167	-.021313	.3107538	97.77303
Stddev	.0025818	.0009375	.6842	.0035482	.003045	.0048516	3.34084
%RSD	20.73286	3.437479	.2572248	12.22819	14.28564	1.561238	3.416938

#1	.0148658	.0282963	265.1984	.0264536	-.017830	.3081814	93.94285
#2	.0127626	.0264556	266.4907	.0275300	-.022640	.3077301	99.29003
#3	.0097301	.0270666	266.2338	.0330664	-.023470	.3163499	100.0862

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002972	.4724506	-.144173	-.022890	47.13153	.0429066	52.60895
Stddev	.000124	.0173098	.000052	.001151	.74799	.0290943	.10196
%RSD	4.158111	3.663834	.0358400	5.027699	1.587022	67.80843	.1938137

#1	-.002849	.4909683	-.144231	-.021585	46.27918	.0093257	52.51415
#2	-.002971	.4566763	-.144130	-.023760	47.67857	.0588480	52.71682
#3	-.003096	.4697071	-.144160	-.023326	47.43684	.0605460	52.59588

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053762	-.073400	34.33957	-2.50921	-.006608	-.051596	-.665977
Stddev	.0002137	.004016	.22586	.01515	.002336	.000870	.017908
%RSD	3.975032	5.470757	.6577118	.6036126	35.35475	1.686706	2.688917

#1	.0053947	-.068821	34.54023	-2.49317	-.009306	-.052544	-.647599
#2	.0055801	-.075055	34.09498	-2.51119	-.005294	-.050833	-.683373
#3	.0051539	-.076323	34.38351	-2.52327	-.005225	-.051412	-.666959

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004462	.0019999	.0015058	.0016033	-.005862	-.017521	250.6166
Stddev	.001082	.0017933	.0016357	.0001253	.000220	.007413	.3334
%RSD	24.24133	89.67274	108.6284	7.815594	3.750862	42.30801	.1330382

#1	-.004773	.0038498	.0005683	.0016143	-.005775	-.024283	250.4408
#2	-.003259	.0002691	.0033945	.0014728	-.005698	-.009595	250.4080
#3	-.005354	.0018808	.0005545	.0017227	-.006112	-.018684	251.0012



Sample Name: LR CHECK 2 Acquired: 10/13/2019 13:03:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.2088876	.5954861	.2804055
Stddev	.0089819	.0058080	.0115295
%RSD	4.299890	.9753321	4.111711

#1	.2175143	.5889273	.2678973
#2	.2095601	.5999776	.2827116
#3	.1995882	.5975535	.2906076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.700	27961.52	6103.465	1119.501	1809.946
Stddev	7.571	130.96	53.372	7.235	2.953
%RSD	.6014574	.4683592	.8744519	.6462709	.1631809

#1	1267.231	27860.87	6164.952	1114.029	1811.809
#2	1256.088	28109.59	6076.331	1127.704	1806.541
#3	1252.782	27914.12	6069.111	1116.769	1811.489



Sample Name: LR CHECK 1 Acquired: 10/13/2019 13:15:44 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194015	-.228144	-.130579	-.145649	.0841878	1912.546	.0176405
Stddev	.0145889	.001023	.003132	.008874	.0037549	94.028	.0001416
%RSD	75.19487	.4484349	2.398413	6.092598	4.460186	4.916399	.8027456

#1	.0123699	-.228782	-.134006	-.140880	.0802453	1803.976	.0177525
#2	.0361745	-.228686	-.127866	-.155887	.0877218	1965.973	.0174813
#3	.0096600	-.226964	-.129865	-.140178	.0845962	1967.690	.0176876

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095756	1707.217	.0968133	.0217609	.0145729	1756.735	.4581267
Stddev	.0003030	24.446	.0020957	.0019071	.0007929	27.466	.0041453
%RSD	3.164322	1.431927	2.164640	8.763996	5.440713	1.563481	.9048276

#1	.0092368	1679.242	.0988925	.0197330	.0154772	1725.110	.4539980
#2	.0098207	1724.471	.0968456	.0220315	.0142443	1774.622	.4622883
#3	.0096693	1717.937	.0947016	.0235184	.0139971	1770.473	.4580938

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.087677	-.110141	.0927328	-.015467	-1.78252	.0237211	.1939170
Stddev	.002779	.002080	.0018564	.008828	.00842	.0031135	.0044149
%RSD	3.169988	1.888373	2.001825	57.07386	.4725439	13.12550	2.276679

#1	-.090152	-.110578	.0948726	-.005354	-1.78724	.0222782	.1889395
#2	-.088209	-.111967	.0917732	-.021627	-1.78752	.0272943	.1973594
#3	-.084670	-.107877	.0915527	-.019421	-1.77279	.0215908	.1954520

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032453	-.034099	.0498796	.0122718	.0612277	.0202795	.2840905
Stddev	.001055	.001887	.0020101	.0000983	.0009109	.0027116	.0007067
%RSD	3.251498	5.534770	4.029860	.8006849	1.487762	13.37099	.2487686

#1	-.031548	-.032215	.0498933	.0121585	.0613059	.0226656	.2843047
#2	-.033612	-.034092	.0518828	.0123332	.0602803	.0208420	.2833014
#3	-.032200	-.035989	.0478627	.0123237	.0620971	.0173307	.2846653



Sample Name: LR CHECK 1 Acquired: 10/13/2019 13:15:44 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	686.7600	1522.582	845.1474
Stddev	5.7978	33.568	11.0445
%RSD	.8442215	2.204680	1.306816

#1	680.3054	1484.016	832.3959
#2	688.4489	1545.230	851.3468
#3	691.5259	1538.500	851.6996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.179	19708.05	5306.848	920.9052	1384.839
Stddev	4.657	49.60	39.275	6.6243	5.490
%RSD	.3238340	.2516842	.7400814	.7193210	.3964184

#1	1437.643	19685.03	5350.789	928.2169	1386.766
#2	1433.813	19674.14	5275.159	919.1948	1378.646
#3	1443.081	19764.98	5294.597	915.3039	1389.106



Sample Name: PB123354BS Acquired: 10/13/2019 13:44:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7621228	1.957044	.9425353	1.934403	.7707472	1.953207
Stddev	.0034079	.014733	.0076027	.006065	.0006534	.110249
%RSD	.4471561	.7528423	.8066257	.3135538	.0847752	5.644520

#1	.7649392	1.951887	.9399277	1.933137	.7714085	1.825918
#2	.7630946	1.945582	.9365795	1.941002	.7701020	2.018591
#3	.7583345	1.973663	.9510987	1.929071	.7707311	2.015112

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1967844	.2010080	1.000605	.3892221	.1904229	.2002745
Stddev	.0101465	.0055737	.055325	.0017124	.0006932	.0087987
%RSD	5.156168	2.772895	5.529136	.4399535	.3640376	4.393311

#1	.1851346	.1945902	.936745	.3878724	.1896593	.1901660
#2	.2015309	.2037986	1.034031	.3886457	.1905971	.2044449
#3	.2036878	.2046353	1.031040	.3911484	.1910125	.2062125

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.954504	.4809078	.0723365	.2879620	.1936794	5.522037
Stddev	.132801	.0026888	.0006381	.0141514	.0027784	.017901
%RSD	6.794591	.5591018	.8821864	4.914323	1.434517	.3241806

#1	1.803933	.4805502	.0725563	.2720260	.1961065	5.506316
#2	2.004646	.4784157	.0728356	.2990598	.1906489	5.518273
#3	2.054933	.4837574	.0716175	.2928000	.1942827	5.541520

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2889140	.3962695	-.006037	.6565353	.1842423	.1938835
Stddev	.0080356	.0023038	.003732	.0043864	.0088878	.0107264
%RSD	2.781316	.5813719	61.81584	.6681100	4.823968	5.532383

#1	.2797147	.3937331	-.010346	.6560472	.1741441	.1815011
#2	.2945628	.3968428	-.003859	.6524135	.1908764	.2003231
#3	.2924645	.3982325	-.003906	.6611454	.1877065	.1998263



Sample Name: PB123354BS Acquired: 10/13/2019 13:44:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1993848	F .1968069	.9160072	F .3010819	F 3.010068	F 3.150546
Stddev	.0091775	.0010052	.0277722	.0021933	.098993	.110391
%RSD	4.602911	.5107454	3.031879	.7284849	3.288727	3.503860

#1	.1887965	.1956463	.8844377	.2991381	2.895890	3.023745
#2	.2043021	.1973814	.9269113	.3006477	3.062451	3.202667
#3	.2050558	.1973932	.9366727	.3034599	3.071863	3.225227

Elem	K_7664
Units	ppm
Avg	F 9.934112
Stddev	.268342
%RSD	2.701221

#1	9.634776
#2	10.01445
#3	10.15311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.990	27627.87	6125.092	1269.768	1985.450
Stddev	3.822	96.37	143.459	12.640	4.970
%RSD	.1997747	.3488257	2.342155	.9954202	.2503144

#1	1912.431	27529.13	6290.742	1259.616	1980.371
#2	1909.478	27632.79	6042.991	1283.925	1990.303
#3	1917.060	27721.69	6041.542	1265.763	1985.677



Sample Name: PB123359BS Acquired: 10/13/2019 13:48:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7703276	1.959360	.9455741	1.955083	.7737635	2.004475
Stddev	.0042027	.003454	.0028708	.002727	.0017503	.060463
%RSD	.5455697	.1762677	.3036037	.1395023	.2262126	3.016404

#1	.7738602	1.963333	.9455752	1.957650	.7719562	1.939493
#2	.7714427	1.957074	.9484443	1.955381	.7738835	2.014857
#3	.7656798	1.957673	.9427027	1.952219	.7754507	2.059074

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2027032	.2049617	1.025103	.3953922	.1920726	.2054800
Stddev	.0069349	.0020205	.018013	.0024745	.0001967	.0066155
%RSD	3.421223	.9857902	1.757199	.6258430	.1023890	3.219532

#1	.1950932	.2026296	1.005822	.3926485	.1918538	.1981716
#2	.2043499	.2061874	1.041501	.3960730	.1922349	.2072095
#3	.2086666	.2060680	1.027987	.3974551	.1921289	.2110590

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.024158	.4844915	.0728036	.2893363	.1986983	F 5.565845
Stddev	.024102	.0010168	.0008241	.0132024	.0002149	.008285
%RSD	1.190727	.2098609	1.131953	4.562980	.1081670	.1488529

#1	1.996395	.4844291	.0718703	.2759846	.1984963	5.561242
#2	2.039730	.4835073	.0731095	.2896400	.1989242	5.560883
#3	2.036348	.4855380	.0734311	.3023841	.1986744	5.575409

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2945968	.4011909	F -.008572	.6596956	.1937949	.1992597
Stddev	.0034376	.0011629	.002230	.0008199	.0042105	.0053372
%RSD	1.166881	.2898610	26.01925	.1242796	2.172667	2.678494

#1	.2933653	.4025180	-.009735	.6587572	.1890361	.1931912
#2	.2984805	.4003498	-.009979	.6602731	.1953119	.2013634
#3	.2919446	.4007049	-.006000	.6600566	.1970368	.2032244



Sample Name: PB123359BS Acquired: 10/13/2019 13:48:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2046017	F .1990380	.9589527	F .3040017	F 3.050085	F 3.182090
Stddev	.0061983	.0005468	.0329379	.0008729	.075394	.068398
%RSD	3.029452	.2747100	3.434777	.2871280	2.471880	2.149461

#1	.1976943	.1988182	.9251229	.3034713	2.965694	3.108998
#2	.2064319	.1996605	.9608156	.3035245	3.073762	3.192723
#3	.2096788	.1986353	.9909196	.3050091	3.110799	3.244548

Elem	K_7664
Units	ppm
Avg	F 10.08291
Stddev	.27981
%RSD	2.775120

#1	9.79824
#2	10.09289
#3	10.35760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.662	27776.60	6086.174	1270.405	1998.654
Stddev	6.712	73.11	50.382	7.302	7.217
%RSD	.3494405	.2632064	.8278186	.5747933	.3610770

#1	1913.601	27860.98	6143.021	1269.419	1991.918
#2	1921.429	27732.17	6047.041	1278.150	1997.774
#3	1926.958	27736.64	6068.461	1263.646	2006.270



Sample Name: PB123354BL Acquired: 10/13/2019 13:51:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001654	.0018050	F .0048070	.0011089	.0011248	-.002656
Stddev	.002490	.0029718	.0009636	.0042526	.0022961	.006161
%RSD	150.6069	164.6409	20.04585	383.4814	204.1335	231.9506

#1	-.002412	.0045280	.0058944	.0048608	-.000851	-.003009
#2	-.003676	-.001365	.0040589	.0019765	.003644	.003674
#3	.001128	.002252	.0044677	-.003511	.000581	-.008633

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001844	-.000186	-.000706	-.000335	.0003321	.0003777
Stddev	.0014453	.000133	.007949	.000771	.0004371	.0010576
%RSD	783.9128	71.64982	1125.178	229.9647	131.6416	279.9914

#1	-.000050	-.000133	-.008652	.000384	.0005383	.0015006
#2	-.001129	-.000087	.007246	-.000240	-.000170	-.000600
#3	.001733	-.000337	-.000714	-.001150	.000628	.000232

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370745	.0001282	-.000406	-.000072	-.000590	-.003634
Stddev	.0223889	.0003553	.000525	.000092	.000079	.001050
%RSD	60.38910	277.1746	129.2337	127.3717	13.37174	28.89444

#1	.0223400	.0000534	-.000898	-.000073	-.000623	-.004816
#2	.0628383	-.000184	-.000467	.000020	-.000500	-.003277
#3	.0260451	.000515	.000146	-.000163	-.000647	-.002809

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005297	.0001325	.0030204	-.001174	.0008553	.0026136
Stddev	.000609	.0001340	.0031890	.001052	.0025474	.0008987
%RSD	11.49457	101.1295	105.5825	89.58301	297.8497	34.38519

#1	-.004957	.0002830	.0007406	-.000905	-.000775	.0022909
#2	-.004933	.0000885	.0066645	-.002335	.003791	.0019208
#3	-.005999	.0000260	.0016560	-.000283	-.000450	.0036291



Sample Name: PB123354BL Acquired: 10/13/2019 13:51:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000365	.0001389	.0105760	.0002259	-.001528	.1619471
Stddev	.0000705	.0001035	.0128965	.0002028	.014345	.0252376
%RSD	193.1453	74.54293	121.9421	89.76161	938.6473	15.58386

#1	.0001163	.0002551	.0220016	.0004578	.010079	.1346987
#2	-.000018	.0001047	.0131343	.0000822	-.017565	.1666228
#3	.000011	.0000568	-.003408	.0001376	.002901	.1845200

Elem	K_7664
Units	ppm
Avg	.0423172
Stddev	.0192324
%RSD	45.44808

#1	.0604904
#2	.0221769
#3	.0442845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.984	27549.54	6123.475	1251.149	2002.504
Stddev	10.141	24.50	111.388	.885	11.305
%RSD	.5295813	.0889200	1.819031	.0707388	.5645650

#1	1905.829	27523.06	6246.501	1250.533	1993.663
#2	1925.885	27571.39	6029.469	1252.163	2015.243
#3	1913.237	27554.19	6094.456	1250.751	1998.606



Sample Name: PB123359BL Acquired: 10/13/2019 13:55:38 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000208	-.000614	F .0032886	.0041265	.0008499	.0094001
Stddev	.001938	.001925	.0006996	.0014905	.0020437	.0145706
%RSD	932.6012	313.7661	21.27265	36.12038	240.4590	155.0039

#1	.001899	-.002706	.0035005	.0056889	-.000057	.0199338
#2	-.001913	-.000218	.0038577	.0039707	.003190	.0154948
#3	-.000609	.001083	.0025076	.0027201	-.000583	-.007228

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000286	-.000188	.0002630	.0000031	.0003880	.0003049
Stddev	.000659	.000114	.0130514	.0003001	.0002046	.0001431
%RSD	230.3691	60.70112	4962.724	9685.719	52.71934	46.94749

#1	.000285	-.000125	.0058603	-.000007	.0001657	.0001450
#2	-.000136	-.000119	.0095821	.000308	.0004301	.0004210
#3	-.001007	-.000319	-.014653	-.000292	.0005683	.0003487

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134804	.0001488	-.000371	.0009976	-.000330	-.001619
Stddev	.0278734	.0002943	.000156	.0002444	.000434	.001745
%RSD	206.7697	197.7617	41.98356	24.50305	131.4497	107.7823

#1	.0086504	.0001861	-.000200	.0012078	.000153	-.003477
#2	.0434532	-.000162	-.000408	.0010556	-.000687	-.001368
#3	-.011662	.000423	-.000506	.0007294	-.000458	-.000014

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006725	-.000421	-.000551	-.000508	.0002371	.0018099
Stddev	.000915	.000175	.003822	.000672	.0000739	.0013695
%RSD	13.59929	41.65941	694.0281	132.3669	31.16443	75.66986

#1	-.005983	-.000590	-.004962	-.001266	.0002557	.0006262
#2	-.006445	-.000432	.001769	.000015	.0001557	.0033099
#3	-.007747	-.000240	.001541	-.000273	.0002999	.0014935



Sample Name: PB123359BL Acquired: 10/13/2019 13:55:38 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000145	.0000005	-.010810	.0006696	-.000830	.1369789
Stddev	.0000577	.0001417	.004993	.0006605	.009535	.0105686
%RSD	397.5753	29681.75	46.18653	98.63878	1149.483	7.715514

#1	.0000054	-.000163	-.016225	-.000090	.006560	.1250324
#2	.0000763	.000092	-.006389	.001108	-.011593	.1451099
#3	-.000038	.000072	-.009816	.000991	.002545	.1407946

Elem	K_7664
Units	ppm
Avg	.0066201
Stddev	.0195195
%RSD	294.8514

#1	-.015122
#2	.012345
#3	.022637

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.396	27612.58	6036.543	1258.778	2004.178
Stddev	12.526	87.67	44.151	6.280	7.951
%RSD	.6546298	.3175071	.7313873	.4989047	.3967019

#1	1919.210	27513.87	6086.408	1253.998	2009.477
#2	1899.020	27642.47	6020.796	1256.446	1995.036
#3	1921.959	27681.40	6002.425	1265.890	2008.021



Sample Name: K4841-05 Acquired: 10/13/2019 14:01:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004617	.0039008	.0013574	.0241920	.0052941	-.002347
Stddev	.001798	.0030783	.0009736	.0009047	.0013482	.010049
%RSD	38.94288	78.91545	71.73035	3.739738	25.46590	428.1614

#1	-.006139	.0050458	.0024808	.0252319	.0054878	.004011
#2	-.002633	.0062424	.0007580	.0237585	.0065350	-.013932
#3	-.005078	.0004140	.0008333	.0235856	.0038595	.002880

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010654	.0000720	32.68698	-.000305	.0003689	-.000235
Stddev	.0006731	.0000988	1.70359	.000412	.0003785	.000772
%RSD	63.18156	137.3656	5.211828	135.2126	102.5897	327.9158

#1	.0014112	.0000566	30.81664	.000077	-.000004	.000372
#2	.0014953	-.000018	34.14997	-.000249	.000753	-.001104
#3	.0002897	.000178	33.09433	-.000742	.000358	.000026

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.81844	.0012586	-.000283	.0012560	-.001275	-.004192
Stddev	.91487	.0003939	.000288	.0016207	.000334	.001376
%RSD	4.861579	31.29570	101.5812	129.0369	26.23765	32.82878

#1	17.82821	.0016738	-.000126	.0013800	-.001215	-.005451
#2	19.63226	.0012118	-.000109	.0028111	-.001635	-.004403
#3	18.99485	.0008902	-.000615	-.000423	-.000974	-.002723

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008685	-.002407	.0034088	-.002502	-.000235	.0014609
Stddev	.000700	.000177	.0020741	.000689	.001611	.0006419
%RSD	8.055700	7.370316	60.84542	27.54492	687.0828	43.93748

#1	-.009152	-.002213	.0033730	-.001711	-.002082	.0015082
#2	-.009021	-.002444	.0055005	-.002973	.000879	.0007967
#3	-.007880	-.002562	.0013528	-.002823	.000500	.0020779



Sample Name: K4841-05 Acquired: 10/13/2019 14:01:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037232	.0000868	-.007600	.0007773	-.012044	F 82.45635
Stddev	.0002482	.0000993	.030258	.0007562	.002354	3.06339
%RSD	6.666899	114.3954	398.1128	97.28778	19.54527	3.715166

#1	.0034711	.0001857	-.037238	.0016411	-.012780	79.39074
#2	.0039673	-.000013	.023242	.0002349	-.013943	85.51752
#3	.0037313	.000087	-.008805	.0004558	-.009410	82.46078

Elem	K_7664
Units	ppm
Avg	6.158904
Stddev	.326700
%RSD	5.304517

#1	5.821483
#2	6.473707
#3	6.181521

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.429	28371.83	6408.219	1318.793	2023.153
Stddev	4.367	58.15	21.224	2.700	10.308
%RSD	.2182174	.2049452	.3312065	.2047029	.5095069

#1	1997.424	28374.49	6410.893	1318.877	2022.448
#2	2000.776	28428.61	6427.980	1321.449	2013.216
#3	2006.085	28312.41	6385.785	1316.052	2033.796



Sample Name: K4841-07 Acquired: 10/13/2019 14:05:38 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005211	.0022866	.0335559	-.000316	.0003529	.0291887
Stddev	.002982	.0030986	.0022847	.001169	.0020909	.0351023
%RSD	57.21752	135.5111	6.808504	369.7545	592.4700	120.2597

#1	-.002927	-.000739	.0340883	.000966	.0023470	-.010736
#2	-.008585	.002146	.0355273	-.000591	.0005346	.043094
#3	-.004123	.005453	.0310520	-.001323	-.001823	.055208

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009427	-.000029	-.006058	.0006203	.0003035	.0002424
Stddev	.0007020	.000100	.010060	.0001588	.0002167	.0003742
%RSD	74.46349	340.8294	166.0611	25.59347	71.41429	154.3960

#1	.0015601	.000070	-.009374	.0005318	.0003404	.0006742
#2	.0010888	-.000028	.005241	.0005256	.0004993	.0000138
#3	.0001792	-.000130	-.014042	.0008036	.0000706	.0000391

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220607	-.000465	-.000876	-.002739	-.001544	-.000259
Stddev	.0077943	.000143	.000380	.002019	.000463	.002252
%RSD	35.33132	30.74902	43.35602	73.70326	30.01416	868.9997

#1	.0137053	-.000578	-.000496	-.003906	-.001012	.001121
#2	.0233415	-.000513	-.000877	-.000408	-.001757	.000959
#3	.0291352	-.000304	-.001256	-.003905	-.001862	-.002858

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009877	.1216092	.0029906	-.000561	.0074624	-.000346
Stddev	.000582	.0188370	.0053238	.001026	.0042096	.000814
%RSD	5.889759	15.48977	178.0187	182.9245	56.41061	235.1924

#1	-.010534	.1415997	.0089457	-.000599	.0026018	-.000647
#2	-.009667	.1190381	.0013341	.000484	.0098553	.000575
#3	-.009429	.1041898	-.001308	-.001567	.0099302	-.000967



Sample Name: K4841-07 Acquired: 10/13/2019 14:05:38 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000825	.0000355	F 33.78237	-.000040	.0019908	F 52.10430
Stddev	.0000673	.0000978	.72342	.000402	.0059033	3.49327
%RSD	81.65995	275.6881	2.141406	1006.348	296.5329	6.704374

#1	.0000087	-.000042	33.03815	.000338	.0076309	48.96262
#2	.0001407	.000003	34.48301	.000003	.0024860	51.48418
#3	.0000981	.000146	33.82596	-.000462	-.004145	55.86610

Elem	K_7664
Units	ppm
Avg	.0431127
Stddev	.0352268
%RSD	81.70861

#1	.0659721
#2	.0608209
#3	.0025452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.353	28937.94	6459.294	1358.037	2094.086
Stddev	9.654	20.19	108.436	6.897	13.479
%RSD	.4747940	.0697852	1.678762	.5078459	.6436675

#1	2044.338	28956.76	6577.763	1352.761	2109.303
#2	2026.215	28940.45	6435.163	1355.510	2089.309
#3	2029.507	28916.61	6364.956	1365.841	2083.646



Sample Name: K4841-01 Acquired: 10/13/2019 14:09:30 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5363679	.4895428	1.092400	.2589838	.8364188	3.233608	1.803858
Stddev	.0021618	.0024178	.002830	.0029178	.0025309	.081756	.044753
%RSD	.4030359	.4938792	.2590934	1.126622	.3025891	2.528312	2.480964

#1	.5338834	.4904374	1.095633	.2618009	.8391778	3.139241	1.752185
#2	.5374009	.4868053	1.090368	.2559748	.8358740	3.283039	1.830220
#3	.5378193	.4913859	1.091198	.2591757	.8342047	3.278545	1.829169

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2423629	.0243410	.4157636	.1523151	1.319171	.0169691	1.678470
Stddev	.0018517	.0229430	.0021520	.0003253	.034194	.0029779	.003642
%RSD	.7640364	94.25692	.5175947	.2135891	2.592097	17.54906	.2169703

#1	.2403294	.0036244	.4133591	.1519408	1.280224	.0202596	1.674415
#2	.2439521	.0203989	.4175088	.1525302	1.333024	.0144594	1.679535
#3	.2428073	.0489996	.4164228	.1524743	1.344266	.0161883	1.681461

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7098865	.3023952	1.395184	-.008886	.9619096	.1065387	-.020318
Stddev	.0027476	.0092665	.000964	.002315	.0072403	.0005925	.003364
%RSD	.3870495	3.064354	.0691225	26.05635	.7526995	.5561777	16.55714

#1	.7076804	.2917796	1.394134	-.011028	.9555803	.1058606	-.022812
#2	.7129642	.3088643	1.396030	-.006429	.9698047	.1069565	-.021651
#3	.7090148	.3065418	1.395386	-.009201	.9603439	.1067990	-.016492

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	.0014203	.0021349	.1062167	.3849285	.1068485	.4570197
Stddev	.000948	.0012632	.0004173	.0027321	.0005250	.0223676	.0010475
%RSD	1248.867	88.93652	19.54886	2.572175	.1363823	20.93398	.2291958

#1	.000251	.0020695	.0025037	.1030723	.3845736	.1202550	.4569144
#2	-.001144	-.000035	.0022190	.1075672	.3846804	.1192635	.4560289
#3	.000665	.002227	.0016819	.1080104	.3855316	.0810269	.4581159



Sample Name: K4841-01 Acquired: 10/13/2019 14:09:30 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	2.798219	.2844671	.0430568
Stddev	.056862	.0054091	.0310587
%RSD	2.032088	1.901477	72.13425

#1	2.738139	.2904817	.0235324
#2	2.805321	.2829179	.0788717
#3	2.851196	.2800016	.0267663

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.407	28011.69	6222.966	1266.024	1994.083
Stddev	2.756	57.77	59.682	6.559	.939
%RSD	.1435980	.2062531	.9590569	.5180844	.0470916

#1	1919.293	27995.87	6280.415	1260.337	1993.196
#2	1916.710	27963.48	6161.277	1264.535	1995.066
#3	1922.219	28075.73	6227.207	1273.199	1993.987



Sample Name: K4841-03 Acquired: 10/13/2019 14:13:13 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002679	-.001365	.0052331	-.001690	-.003166	.0367101	-.000152
Stddev	.002745	.000318	.0021606	.001590	.000661	.0059924	.000445
%RSD	102.4351	23.31162	41.28718	94.10583	20.89311	16.32353	292.2609

#1	.000432	-.001361	.0075422	-.002761	-.003181	.0435978	.000348
#2	-.003711	-.001049	.0048969	-.002445	-.003819	.0338391	-.000502
#3	-.004759	-.001686	.0032604	.000137	-.002497	.0326934	-.000302

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	.0063650	-.000400	.0006836	-.000499	.0221899	.0003218
Stddev	.000069	.0062774	.000522	.0002672	.001216	.0262398	.0002519
%RSD	107.8226	98.62412	130.6743	39.09101	243.9534	118.2516	78.27934

#1	-.000036	.0048401	-.000484	.0004063	.000187	-.007939	.0003385
#2	-.000143	.0132643	.000159	.0007050	-.001903	.040036	.0005649
#3	-.000014	.0009905	-.000875	.0009394	.000221	.034472	.0000620

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000462	.0033250	-.000505	-.002069	.1018367	.0002317	.0006630
Stddev	.000387	.0031212	.000152	.001855	.0012147	.0002424	.0012136
%RSD	83.73035	93.87112	30.04182	89.67685	1.192833	104.5790	183.0424

#1	-.000842	-.000279	-.000458	-.004166	.1021436	.0005114	.0020622
#2	-.000474	.005117	-.000675	-.001397	.1028686	.0000837	-.000103
#3	-.000069	.005137	-.000382	-.000643	.1004979	.0001001	.000030

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4949511	.1669072	.0010330	-.000047	-.000029	.8197587	.0006891
Stddev	.0006057	.0025895	.0009206	.000099	.000052	.0356053	.0010502
%RSD	.1223701	1.551488	89.11617	209.1608	180.6842	4.343386	152.3962

#1	.4953387	.1639477	.0020546	.000014	-.000026	.7895802	.0000055
#2	.4942531	.1680171	.0007766	.000006	-.000083	.8106679	.0018983
#3	.4952614	.1687568	.0002678	-.000162	.000022	.8590281	.0001635



Sample Name: K4841-03 Acquired: 10/13/2019 14:13:13 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.001647	.2803469	.0493087
Stddev	.006453	.0047739	.0181467
%RSD	391.8594	1.702849	36.80226

#1	.002842	.2757500	.0663802
#2	.001260	.2852800	.0302503
#3	-.009043	.2800108	.0512956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.829	27954.22	6147.829	1281.284	2026.191
Stddev	3.035	40.37	38.037	10.504	.927
%RSD	.1565602	.1444035	.6187128	.8197996	.0457479

#1	1941.618	27910.43	6129.949	1276.423	2026.899
#2	1939.272	27989.95	6122.026	1274.090	2026.533
#3	1935.596	27962.28	6191.512	1293.337	2025.142



Sample Name: CCV02 Acquired: 10/13/2019 14:17:07 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.886215	4.888065	4.865081	4.955249	4.934372	9.833082
Stddev	.010327	.014251	.012606	.023202	.015402	.520703
%RSD	.2113478	.2915495	.2591177	.4682312	.3121378	5.295424

#1	4.890352	4.879100	4.864381	4.964525	4.920600	9.231885
#2	4.874462	4.880596	4.852839	4.928845	4.931513	10.12638
#3	4.893833	4.904498	4.878022	4.972379	4.951003	10.14098

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.820388	.2501018	24.36868	.9808584	2.430181	2.460061
Stddev	.477080	.0037235	1.31276	.0020894	.007669	.131035
%RSD	4.858053	1.488801	5.387063	.2130160	.3155869	5.326512

#1	9.269581	.2460673	22.85316	.9828286	2.428593	2.308779
#2	10.10378	.2534062	25.15324	.9786674	2.423429	2.533335
#3	10.08780	.2508319	25.09966	.9810791	2.438519	2.538069

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.60395	2.443996	1.231648	2.415394	2.429379	5.009328
Stddev	1.29365	.008144	.001842	.123995	.019313	.029144
%RSD	5.257914	.3332272	.1495832	5.133530	.7949801	.5817930

#1	23.11727	2.440492	1.232454	2.272382	2.409517	4.997076
#2	25.22134	2.438191	1.229539	2.480963	2.448092	4.988310
#3	25.47325	2.453306	1.232949	2.492838	2.430528	5.042598

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.980461	4.996812	4.834538	4.864093	4.837769	4.879636
Stddev	.059034	.013493	.022666	.011814	.230374	.235139
%RSD	1.185312	.2700227	.4688422	.2428818	4.761995	4.818786

#1	4.917179	4.985436	4.823841	4.865849	4.571846	4.608227
#2	5.034046	4.993280	4.819200	4.851500	4.976747	5.021915
#3	4.990157	5.011719	4.860574	4.874931	4.964714	5.008767



Sample Name: CCV02 Acquired: 10/13/2019 14:17:07 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.942076	F 2.492742	4.973428	1.246564	4.950840	24.59748
Stddev	.247942	.007255	.177993	.006276	.186443	.83139
%RSD	5.016954	.2910361	3.578874	.5034772	3.765884	3.379971
#1	4.655781	2.488930	4.770349	1.241834	4.739812	23.64004
#2	5.084055	2.488188	5.047568	1.244174	5.019455	25.01557
#3	5.086392	2.501108	5.102367	1.253684	5.093252	25.13684

Elem	K_7664
Units	ppm
Avg	F 25.08816
Stddev	.87372
%RSD	3.482601
#1	24.08768
#2	25.47588
#3	25.70093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.284	27012.11	6134.239	1232.239	1863.783
Stddev	.594	14.87	97.847	7.189	1.486
%RSD	.0314450	.0550430	1.595091	.5834087	.0797180
#1	1890.659	27019.19	6243.307	1236.316	1862.885
#2	1889.598	27022.11	6054.167	1223.939	1865.498
#3	1890.593	26995.02	6105.244	1236.464	1862.966



Sample Name: CCB02 Acquired: 10/13/2019 14:20:38 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002075	-.000558	.0032320	.0006764	.0006494	-.010074	-.000271
Stddev	.002769	.000934	.0010094	.0025162	.0007946	.004437	.000440
%RSD	133.4437	167.2902	31.23093	372.0031	122.3528	44.04307	162.4434

#1	.000888	.000342	.0035984	.0034189	.0015639	-.008655	.000135
#2	-.004597	-.000493	.0040070	-.001526	.0001275	-.006520	-.000739
#3	-.002515	-.001523	.0020906	.000136	.0002569	-.015047	-.000209

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000172	.0018853	.0001794	.0001839	.0002310	.0477406	-.000281
Stddev	.000085	.0126182	.0004287	.0001120	.0001212	.0121223	.000527
%RSD	49.45083	669.2943	238.9606	60.88325	52.48690	25.39196	187.4457

#1	-.000102	.0154140	-.000117	.0001772	.0000981	.0343831	-.000530
#2	-.000266	-.000194	.000671	.0000755	.0002593	.0580432	-.000637
#3	-.000147	-.009564	-.000016	.0002991	.0003355	.0507956	.000324

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0005167	-.000690	-.002748	-.000382	.0015924	-.001323
Stddev	.000242	.0012823	.000232	.002103	.001227	.0007385	.004213
%RSD	1869.780	248.1455	33.69271	76.54880	321.3779	46.37745	318.3592

#1	-.000289	.0006054	-.000881	-.000466	-.001789	.0024418	.000130
#2	.000159	.0017524	-.000757	-.003168	.000466	.0012325	-.006071
#3	.000092	-.000808	-.000431	-.004609	.000178	.0011028	.001971

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000337	.0015421	.0017210	-.000005	.0001488	.0203374	.0009341
Stddev	.000430	.0022459	.0002034	.000040	.0000478	.0061746	.0009828
%RSD	127.6344	145.6373	11.81899	891.7390	32.13712	30.36058	105.2129

#1	-.000255	.0036506	.0019557	-.000040	.0001378	.0132088	.0000324
#2	.000046	.0017955	.0015959	.000039	.0002011	.0240135	.0019817
#3	-.000802	-.000820	.0016115	-.000013	.0001074	.0237899	.0007882



Sample Name: CCB02 Acquired: 10/13/2019 14:20:38 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.003502	.1100454	.0227906
Stddev	.010922	.0208005	.0101102
%RSD	311.8517	18.90174	44.36129

#1	-.000747	.0861947	.0146227
#2	.005778	.1244237	.0340982
#3	-.015538	.1195179	.0196510

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.344	28177.78	6175.498	1289.272	2038.828
Stddev	15.688	149.37	52.413	9.224	14.653
%RSD	.8039780	.5301145	.8487262	.7154380	.7187118

#1	1948.114	28053.59	6219.356	1278.828	2037.206
#2	1968.396	28136.21	6189.687	1292.681	2054.225
#3	1937.522	28343.54	6117.451	1296.306	2025.053



Sample Name: K4842-01 Acquired: 10/13/2019 14:24:32 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5309572	.4845205	1.079502	.2525523	.8264122	3.186273	1.768898
Stddev	.0055796	.0023177	.004144	.0032845	.0042851	.117063	.052343
%RSD	1.050860	.4783593	.3839037	1.300542	.5185251	3.673974	2.959066

#1	.5369135	.4847454	1.083439	.2487620	.8290386	3.052241	1.708526
#2	.5258522	.4867176	1.075177	.2545635	.8214673	3.238119	1.801565
#3	.5301058	.4820985	1.079891	.2543314	.8287306	3.268461	1.796604

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2432888	.0195777	.4136920	.1507680	1.295390	.0091566	1.657567
Stddev	.0023645	.0021894	.0011533	.0008126	.045738	.0206034	.004447
%RSD	.9718796	11.18296	.2787892	.5390001	3.530793	225.0122	.2682708

#1	.2410996	.0171744	.4132069	.1511372	1.243586	.0010453	1.660206
#2	.2457963	.0214587	.4150087	.1498364	1.312394	.0325811	1.652433
#3	.2429705	.0200999	.4128605	.1513306	1.330190	-.006157	1.660061

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7044125	.2984106	1.374656	-.008381	.9624224	.1048985	-.021307
Stddev	.0021765	.0108045	.005850	.001287	.0075276	.0007967	.001028
%RSD	.3089851	3.620665	.4255700	15.35874	.7821543	.7594975	4.826894

#1	.7032504	.2873458	1.369598	-.007847	.9555814	.1054402	-.022286
#2	.7069235	.2989515	1.373308	-.009849	.9704868	.1039837	-.021398
#3	.7030637	.3089344	1.381063	-.007447	.9611991	.1052715	-.020236

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000636	.0011647	.0007822	.1041565	.3867780	.0978626	.4591840
Stddev	.001293	.0005798	.0010855	.0034757	.0005790	.0196852	.0009429
%RSD	203.1921	49.78241	138.7731	3.336976	.1496992	20.11518	.2053343

#1	-.000087	.0018243	-.000441	.1001610	.3865631	.0849691	.4587943
#2	.000292	.0009344	.001157	.1058265	.3863371	.0880973	.4584984
#3	-.002114	.0007354	.001630	.1064819	.3874337	.1205212	.4602592



Sample Name: K4842-01 Acquired: 10/13/2019 14:24:32 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	2.782484	.1133373	.0216841
Stddev	.075816	.0088319	.0352059
%RSD	2.724758	7.792541	162.3583

#1	2.696378	.1068439	.0453405
#2	2.811853	.1233941	-.018775
#3	2.839223	.1097738	.038487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.907	28347.16	6263.071	1292.826	2025.079
Stddev	8.921	50.29	66.313	7.765	5.284
%RSD	.4577557	.1774106	1.058792	.6006539	.2609115

#1	1943.721	28395.78	6319.220	1301.345	2022.159
#2	1959.208	28295.35	6189.909	1290.989	2031.178
#3	1943.791	28350.35	6280.085	1286.144	2021.899



Sample Name: K4842-03 Acquired: 10/13/2019 14:28:17 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.001782	.0027751	-.001660	-.004405	.0274160	-.000502
Stddev	.001521	.002924	.0012997	.000686	.001377	.0021553	.000188
%RSD	26232.18	164.1265	46.83329	41.31056	31.25727	7.861404	37.52955

#1	-.001735	-.002946	.0012744	-.001673	-.005722	.0257267	-.000289
#2	.000595	-.003944	.0035315	-.002339	-.004516	.0298433	-.000567
#3	.001123	.001545	.0035193	-.000968	-.002975	.0266779	-.000649

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000151	-.002400	.0001513	.0005049	.0000095	.0117026	.0001888
Stddev	.000045	.003318	.0006400	.0003689	.0004869	.0072578	.0004151
%RSD	29.95716	138.2250	422.8674	73.06888	5109.977	62.01878	219.8972

#1	-.000199	.001274	-.000562	.0005433	.0005226	.0154986	.0006525
#2	-.000144	-.005177	.000675	.0008531	-.000446	.0162751	-.000148
#3	-.000109	-.003297	.000341	.0001183	-.000048	.0033340	.000062

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000515	.0051711	.0000285	-.005086	.1035617	-.000253	.0005092
Stddev	.000379	.0037624	.0003280	.001236	.0007230	.000272	.0020135
%RSD	73.46386	72.75937	1148.934	24.30177	.6980969	107.6276	395.4504

#1	-.000207	.0026829	.0003827	-.006430	.1035795	.000059	-.001198
#2	-.000938	.0033309	-.000265	-.003997	.1042756	-.000374	.002730
#3	-.000401	.0094994	-.000032	-.004833	.1028300	-.000444	-.000004

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4955330	.1646297	.0003271	-.000039	.0001024	.8123073	.0007103
Stddev	.0021771	.0042307	.0014858	.000063	.0001269	.0153081	.0001818
%RSD	.4393531	2.569830	454.2402	161.0435	123.8587	1.884516	25.59222

#1	.4979649	.1601702	-.001386	-.000054	-.000042	.8102208	.0006748
#2	.4937654	.1651323	.001262	-.000094	.000198	.7981494	.0005488
#3	.4948685	.1685867	.001106	.000030	.000151	.8285515	.0009071



Sample Name: K4842-03 Acquired: 10/13/2019 14:28:17 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.006656	.1724311	.0105860
Stddev	.005295	.0105676	.0349602
%RSD	79.54843	6.128615	330.2490

#1	-.010971	.1602543	.0034686
#2	-.008252	.1778335	.0485572
#3	-.000747	.1792053	-.020268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.311	28240.72	6242.876	1300.089	2028.525
Stddev	1.560	22.14	50.232	4.425	2.490
%RSD	.0802914	.0783909	.8046323	.3403877	.1227406

#1	1944.621	28264.40	6297.965	1304.962	2031.054
#2	1943.728	28220.54	6199.610	1296.321	2028.445
#3	1941.585	28237.24	6231.054	1298.984	2026.076



Sample Name: K4842-05 Acquired: 10/13/2019 14:32:11 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003735	.0009085	-.000073	.0225517	.0068587	.0090969
Stddev	.002352	.0028296	.000542	.0030595	.0006336	.0195289
%RSD	62.97693	311.4530	742.4329	13.56636	9.237902	214.6773

#1	-.005913	-.001704	-.000660	.0223097	.0074997	.0105714
#2	-.004053	.000516	.000409	.0257250	.0068436	.0278468
#3	-.001240	.003914	.000032	.0196205	.0062327	-.011128

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012985	.0000979	32.80746	-.000416	.0000364	.0000264
Stddev	.0007612	.0001050	.61653	.000301	.0003818	.0004737
%RSD	58.62063	107.1938	1.879226	72.36993	1049.496	1793.879

#1	.0019268	.0000211	32.09658	-.000715	.0004329	.0003945
#2	.0004521	.0000551	33.19604	-.000113	-.000329	.0001927
#3	.0015166	.0002175	33.12975	-.000418	.000005	-.000508

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.88644	.0011382	-.000334	.0016715	-.001045	-.005064
Stddev	.32877	.0003643	.000361	.0033042	.000029	.001104
%RSD	1.740784	32.00631	107.9166	197.6750	2.777314	21.78957

#1	18.51330	.0007748	.000082	-.000399	-.001017	-.005969
#2	19.01248	.0011365	-.000562	-.000069	-.001043	-.003835
#3	19.13354	.0015034	-.000522	.005482	-.001075	-.005389

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007161	-.001932	.0007993	-.002169	.0005947	.0011403
Stddev	.000791	.000380	.0031363	.000293	.0007602	.0008351
%RSD	11.05258	19.64974	392.3668	13.50169	127.8418	73.22899

#1	-.006593	-.002257	-.001381	-.001978	.0014052	.0016072
#2	-.008065	-.002025	-.000615	-.002023	-.000103	.0001763
#3	-.006825	-.001515	.004394	-.002506	.000482	.0016376



Sample Name: K4842-05 Acquired: 10/13/2019 14:32:11 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036394	.0000751	-.003921	.0014693	-.003207	F 82.49142
Stddev	.0000543	.0001714	.009092	.0004601	.005793	1.08338
%RSD	1.491294	228.2411	231.8810	31.31655	180.6537	1.313326

#1	.0036349	.0002544	.006345	.0017575	-.006419	81.41516
#2	.0036957	.0000581	-.010958	.0009386	-.006682	83.58178
#3	.0035875	-.000087	-.007149	.0017117	.003481	82.47730

Elem	K_7664
Units	ppm
Avg	6.097233
Stddev	.117687
%RSD	1.930172

#1	5.978719
#2	6.214075
#3	6.098903

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.448	28305.89	6383.167	1324.570	2044.128
Stddev	8.898	148.32	50.198	7.379	9.973
%RSD	.4412846	.5239927	.7864080	.5570925	.4878813

#1	2014.411	28199.41	6403.363	1317.932	2044.380
#2	2026.188	28475.31	6420.121	1332.515	2053.973
#3	2008.745	28242.96	6326.016	1323.263	2034.032



Sample Name: PB123855BL Acquired: 10/13/2019 14:36:04 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123855BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003431	-.001241	.0029449	-.002136	.0012425	.0022728	-.000089
Stddev	.000141	.000775	.0004264	.003208	.0020723	.0120587	.000302
%RSD	4.121752	62.45110	14.47785	150.1769	166.7938	530.5564	340.9327

#1	-.003535	-.001799	.0025975	.001517	.0003238	-.010789	-.000413
#2	-.003488	-.000356	.0034207	-.003432	-.000212	.012982	-.000036
#3	-.003270	-.001568	.0028165	-.004494	.003615	.004625	.000184

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000069	.0013593	-.000328	.0000510	-.000110	.0408810	.0001399
Stddev	.000093	.0116359	.000273	.0002029	.000429	.0362626	.0007926
%RSD	134.3844	856.0374	83.10957	397.6095	390.3105	88.70280	566.4463

#1	-.000140	-.008318	-.000307	-.000080	-.000565	.0443820	-.000775
#2	.000036	.014270	-.000066	.000285	.000287	.0029949	.000615
#3	-.000105	-.001874	-.000611	-.000052	-.000051	.0752661	.000580

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000578	-.003545	-.000297	-.004681	-.006652	-.000047	-.000358
Stddev	.000591	.004540	.000329	.001708	.001076	.000222	.003186
%RSD	102.3782	128.0640	110.6056	36.47957	16.17456	470.7545	890.5469

#1	-.000450	.000002	-.000236	-.005788	-.006100	-.000304	.002232
#2	-.001223	-.008662	-.000004	-.002714	-.007892	.000071	.000610
#3	-.000061	-.001976	-.000653	-.005541	-.005965	.000091	-.003915

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000774	.0014350	.0013058	-.000017	.0001378	.0136808	.0005761
Stddev	.000645	.0012965	.0004225	.000117	.0000789	.0071923	.0004296
%RSD	83.25816	90.34917	32.35719	697.3980	57.29116	52.57220	74.57420

#1	-.000470	.0028654	.0009279	.000009	.0001292	.0135069	.0004212
#2	-.001515	.0003370	.0012274	.000085	.0002206	.0209584	.0002454
#3	-.000338	.0011027	.0017620	-.000145	.0000635	.0065770	.0010616



Sample Name: PB123855BL Acquired: 10/13/2019 14:36:04 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123855BL Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.007744	.1312525	.0030516
Stddev	.006306	.0096231	.0249655
%RSD	81.42489	7.331759	818.1189

#1	-.014777	.1225613	.0312772
#2	-.002596	.1296021	-.016137
#3	-.005859	.1415941	-.005986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.605	27543.11	6101.588	1260.541	2015.105
Stddev	9.849	20.65	34.896	9.204	11.794
%RSD	.5133408	.0749720	.5719090	.7301286	.5852920

#1	1929.977	27534.20	6136.723	1253.897	2028.349
#2	1912.831	27566.72	6066.937	1271.046	2005.734
#3	1913.007	27528.41	6101.105	1256.679	2011.231



Sample Name: PB123855BS Acquired: 10/13/2019 14:39:55 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123855BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7593668	1.938905	.9332574	1.937744	.7690988	1.981152
Stddev	.0024613	.009956	.0022874	.006875	.0011663	.053228
%RSD	.3241206	.5134660	.2450929	.3547790	.1516494	2.686701

#1	.7604514	1.931164	.9308060	1.937834	.7681555	1.919796
#2	.7565495	1.950136	.9336317	1.930824	.7687380	2.008702
#3	.7610994	1.935416	.9353345	1.944573	.7704029	2.014957

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1989922	.2049388	1.010492	.3893063	.1896902	.2030750
Stddev	.0053596	.0007549	.032401	.0025413	.0006145	.0062944
%RSD	2.693369	.3683388	3.206495	.6527905	.3239694	3.099548

#1	.1928062	.2040672	.973422	.3873222	.1891331	.1958173
#2	.2022437	.2053613	1.033408	.3884258	.1895881	.2063667
#3	.2019267	.2053877	1.024647	.3921708	.1903494	.2070410

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.993993	.4781738	.0720170	.2877795	.1927477	F 5.515305
Stddev	.064304	.0039185	.0004788	.0090866	.0032791	.026464
%RSD	3.224891	.8194656	.6647991	3.157503	1.701255	.4798222

#1	1.923446	.4739841	.0714831	.2778553	.1900935	5.484900
#2	2.009208	.4787892	.0724082	.2956911	.1917362	5.527868
#3	2.049325	.4817482	.0721597	.2897920	.1964134	5.533147

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2961994	.3977479	F -.010606	.6536818	.1900333	.1962952
Stddev	.0021251	.0015378	.000776	.0017126	.0067155	.0082231
%RSD	.7174688	.3866217	7.316600	.2619952	3.533868	4.189132

#1	.2979884	.3966946	-.011315	.6517101	.1825054	.1868036
#2	.2967596	.3970364	-.010727	.6547990	.1921861	.2008170
#3	.2938503	.3995125	-.009777	.6545363	.1954085	.2012651



Sample Name: PB123855BS Acquired: 10/13/2019 14:39:55 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123855BS Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2014635	F .1970260	.9269858	F .3009908	F 2.992699	F 3.013613
Stddev	.0059209	.0007072	.0346033	.0018738	.099417	.100115
%RSD	2.938965	.3589412	3.732881	.6225439	3.321995	3.322097

#1	.1946752	.1963968	.9012781	.2989349	2.879695	2.898804
#2	.2041522	.1977914	.9133495	.3026027	3.031701	3.059304
#3	.2055630	.1968899	.9663297	.3014349	3.066702	3.082731

Elem	K_7664
Units	ppm
Avg	F 9.901621
Stddev	.351707
%RSD	3.552010

#1	9.495839
#2	10.11877
#3	10.09025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.177	27859.65	6063.821	1280.233	1991.187
Stddev	4.227	74.46	19.543	10.151	1.017
%RSD	.2209603	.2672656	.3222924	.7929090	.0510658

#1	1910.291	27945.16	6085.183	1288.821	1992.301
#2	1918.030	27824.67	6046.841	1282.846	1990.954
#3	1911.211	27809.12	6059.438	1269.030	1990.308



Sample Name: PB123856BL Acquired: 10/13/2019 14:43:40 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123856BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022648	.0003549	.0030910	.0024622	.0004343	.0030611	-.000370
Stddev	.0025695	.0014540	.0008744	.0014765	.0005872	.0019924	.000461
%RSD	113.4512	409.7221	28.28804	59.96604	135.2180	65.08632	124.7951

#1	.0013368	-.000467	.0033188	.0008143	.0011003	.0052512	-.000376
#2	.0051694	.002034	.0038290	.0036646	.0002116	.0013558	-.000827
#3	.0002883	-.000502	.0021253	.0029076	-.000009	.0025765	.000095

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000129	-.003762	.0001232	.0003248	-.000682	.0340019	.0003058
Stddev	.000167	.003407	.0004211	.0001913	.000528	.0170513	.0002100
%RSD	129.3704	90.55568	341.8544	58.90884	77.49698	50.14809	68.66592

#1	-.000245	-.007414	.0001892	.0005456	-.001252	.0150540	.0001569
#2	-.000206	-.000669	.0005074	.0002228	-.000584	.0388412	.0002145
#3	.000063	-.003203	-.000327	.0002061	-.000209	.0481105	.0005460

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000714	.0042382	-.001060	-.003195	-.005909	-.000187	-.000649
Stddev	.000144	.0029335	.000210	.002267	.001657	.000519	.002536
%RSD	20.12040	69.21617	19.81489	70.93893	28.04598	278.0294	390.5885

#1	-.000640	.0072130	-.001064	-.004670	-.007797	.000377	-.001545
#2	-.000623	.0041537	-.000848	-.000585	-.005229	-.000645	-.002617
#3	-.000880	.0013479	-.001268	-.004331	-.004699	-.000293	.002213

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000574	.0015861	.0018131	-.000037	.0000878	.0086386	.0016579
Stddev	.000740	.0012158	.0011466	.000027	.0001159	.0063098	.0007078
%RSD	128.9192	76.65483	63.24188	72.67085	132.0808	73.04178	42.69175

#1	-.000320	.0003562	.0030428	-.000017	.0000364	.0039690	.0024742
#2	.000005	.0016148	.0007734	-.000027	.0002204	.0158168	.0012162
#3	-.001408	.0027872	.0016230	-.000068	.0000064	.0061299	.0012833



Sample Name: PB123856BL Acquired: 10/13/2019 14:43:40 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123856BL Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.004880	.0726310	.0004863
Stddev	.001580	.0098139	.0165961
%RSD	32.37337	13.51206	3412.608

#1	-.006403	.0615929	.0039053
#2	-.004989	.0759288	-.017553
#3	-.003249	.0803713	.015107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.019	28075.16	6177.198	1284.846	2001.864
Stddev	3.908	79.37	21.034	6.835	4.607
%RSD	.2035510	.2827132	.3405158	.5319836	.2301388

#1	1916.153	27988.00	6201.035	1277.089	2002.902
#2	1923.969	28094.18	6161.243	1289.987	2005.863
#3	1919.936	28143.29	6169.316	1287.462	1996.826



Sample Name: PB123856BS Acquired: 10/13/2019 14:47:32 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123856BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7638598	1.952117	.9348364	1.941500	.7649607	1.987687
Stddev	.0025705	.011838	.0011510	.004324	.0051390	.053620
%RSD	.3365094	.6064016	.1231274	.2226963	.6717976	2.697614

#1	.7660166	1.938647	.9339626	1.936642	.7649918	1.927682
#2	.7645473	1.960864	.9344060	1.944924	.7700840	2.030907
#3	.7610155	1.956841	.9361406	1.942935	.7598062	2.004471

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1983809	.2032536	1.015017	.3887141	.1897554	.2039816
Stddev	.0048426	.0016473	.045541	.0004105	.0005451	.0058144
%RSD	2.441064	.8104400	4.486758	.1056079	.2872497	2.850450

#1	.1928134	.2026691	.968370	.3885264	.1892453	.1973633
#2	.2016148	.2051134	1.059365	.3884310	.1896912	.2082685
#3	.2007147	.2019783	1.017317	.3891849	.1903297	.2063128

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.993306	.4799768	.0721896	.2907585	.1946016	F 5.539449
Stddev	.041815	.0008611	.0006075	.0071829	.0007959	.003728
%RSD	2.097756	.1793946	.8414816	2.470385	.4089764	.0672921

#1	1.946593	.4799851	.0724134	.2824650	.1949812	5.540402
#2	2.006083	.4791116	.0715020	.2949888	.1936870	5.542607
#3	2.027241	.4808336	.0726534	.2948216	.1951366	5.535337

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2919267	.3974814	F -.006211	.6526473	.1898098	.1974214
Stddev	.0040233	.0005938	.003341	.0011729	.0065259	.0057387
%RSD	1.378192	.1493876	53.79031	.1797075	3.438124	2.906849

#1	.2888248	.3970962	-.006170	.6513402	.1822795	.1912571
#2	.2964728	.3981653	-.002890	.6529939	.1938155	.1983977
#3	.2904826	.3971828	-.009571	.6536078	.1933344	.2026094



Sample Name: PB123856BS Acquired: 10/13/2019 14:47:32 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PB123856BS Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2028006	F .1989614	F .9632249	F .3037763	F 3.072667	F 3.069311
Stddev	.0058966	.0001756	.0380801	.0019452	.088632	.105991
%RSD	2.907600	.0882384	3.953395	.6403551	2.884521	3.453253

#1	.1960640	.1991012	.9193107	.3019234	2.976946	2.952103
#2	.2053125	.1990185	.9832446	.3058023	3.089166	3.097407
#3	.2070254	.1987643	.9871193	.3036033	3.151891	3.158424

Elem	K_7664
Units	ppm
Avg	F 10.16260
Stddev	.36371
%RSD	3.578859

#1	9.77250
#2	10.22296
#3	10.49236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.097	28102.44	6189.229	1295.231	2009.765
Stddev	4.185	46.35	33.688	8.673	5.366
%RSD	.2169648	.1649258	.5443016	.6696316	.2669865

#1	1924.648	28061.54	6206.334	1286.403	2007.310
#2	1932.957	28152.78	6150.420	1303.741	2015.919
#3	1929.687	28093.00	6210.933	1295.550	2006.066



Sample Name: PB123895BL Acquired: 10/13/2019 14:51:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002165	-.000494	.0012820	.0024184	.0003521	-.003606	.0005175
Stddev	.001792	.000344	.0020111	.0013499	.0013308	.007452	.0003225
%RSD	82.76712	69.52183	156.8699	55.81742	377.9900	206.6695	62.32451

#1	-.004113	-.000412	.0013496	.0033060	.0016510	-.009430	.0007383
#2	-.000587	-.000199	.0032585	.0008649	-.001008	-.006179	.0001474
#3	-.001795	-.000872	-.000762	.0030843	.000414	.004792	.0006667

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000129	-.003091	-.000312	.0003087	-.000314	.0061991	.0000297
Stddev	.000085	.013703	.000306	.0001917	.000678	.0261947	.0001135
%RSD	65.68231	443.3523	98.01432	62.11802	215.6917	422.5586	382.0939

#1	-.000069	-.017739	-.000278	.0004191	.000338	.0325805	-.000015
#2	-.000227	-.000947	-.000633	.0000873	-.001016	-.019805	-.000055
#3	-.000093	.009414	-.000024	.0004197	-.000265	.005821	.000159

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000992	.0008392	-.000602	-.001241	-.005671	-.000154	-.000821
Stddev	.000233	.0044027	.000275	.001467	.001561	.000243	.003162
%RSD	23.47694	524.6417	45.62601	118.2051	27.52116	157.8318	385.2826

#1	-.001196	.0058394	-.000285	-.002806	-.007111	-.000429	.000257
#2	-.001043	-.000866	-.000773	.000105	-.005890	-.000061	.001661
#3	-.000738	-.002456	-.000748	-.001024	-.004013	.000029	-.004381

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001576	.0011280	.0014090	-.000042	-.000210	-.003731	-.000087
Stddev	.001015	.0011118	.0014139	.000101	.000019	.004570	.000669
%RSD	64.38415	98.56454	100.3427	241.8580	9.206631	122.4896	766.9976

#1	-.002747	.0016940	.0030416	-.000147	-.000220	.000541	.000281
#2	-.000948	-.000153	.0005979	.000055	-.000223	-.008550	.000317
#3	-.001034	.001843	.0005876	-.000033	-.000188	-.003184	-.000859



Sample Name: PB123895BL Acquired: 10/13/2019 14:51:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.000249	.0609539	-.003362
Stddev	.006958	.0089783	.012666
%RSD	2788.695	14.72966	376.7862

#1	-.007994	.0551517	.011105
#2	.001774	.0564145	-.008736
#3	.005472	.0712955	-.012454

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.967	27872.50	6186.663	1271.520	2014.246
Stddev	5.254	104.59	31.102	6.303	8.431
%RSD	.2725369	.3752266	.5027297	.4956912	.4185901

#1	1922.545	27835.89	6219.356	1278.133	2008.761
#2	1933.037	27990.47	6183.188	1270.843	2023.954
#3	1928.318	27791.14	6157.444	1265.582	2010.022



Sample Name: PB123895BS Acquired: 10/13/2019 14:55:12 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7315296	1.897531	.9206408	1.782218	.7628617	2.019516
Stddev	.0035313	.011394	.0046562	.013301	.0047392	.059932
%RSD	.4827246	.6004692	.5057539	.7462950	.6212356	2.967666

#1	.7275004	1.888447	.9177664	1.797258	.7662753	1.975309
#2	.7340861	1.893831	.9181431	1.772005	.7574509	2.087730
#3	.7330024	1.910316	.9260129	1.777392	.7648591	1.995508

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2039596	.1902788	1.042974	.4001054	.1909088	.2053538
Stddev	.0048474	.0045478	.030553	.0036052	.0006345	.0042642
%RSD	2.376624	2.390051	2.929434	.9010496	.3323592	2.076524

#1	.2013192	.1913415	1.036802	.3975454	.1906429	.2008527
#2	.2095539	.1942011	1.076142	.3985427	.1904504	.2093331
#3	.2010056	.1852938	1.015977	.4042283	.1916330	.2058756

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.994760	.4758878	.0694152	.2945488	.1902335	F 5.295289
Stddev	.047697	.0033326	.0005372	.0108740	.0013135	.015467
%RSD	2.391136	.7002947	.7738189	3.691751	.6904676	.2920891

#1	1.984427	.4736150	.0700188	.2865080	.1895888	5.297856
#2	2.046777	.4743350	.0692369	.3069211	.1893669	5.278699
#3	1.953076	.4797135	.0689899	.2902175	.1917448	5.309311

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2742737	.4132800	F -.009536	.6531451	.1932845	.2014685
Stddev	.0078210	.0015689	.002259	.0014648	.0010140	.0026309
%RSD	2.851516	.3796096	23.68980	.2242638	.5246142	1.305877

#1	.2769957	.4137633	-.008631	.6534396	.1922624	.1998300
#2	.2803699	.4115263	-.007870	.6515554	.1942902	.2045033
#3	.2654554	.4145503	-.012108	.6544402	.1933009	.2000724



Sample Name: PB123895BS Acquired: 10/13/2019 14:55:12 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2063032	F .1866628	.9378153	F .2887291	F 3.017450	F 3.041042
Stddev	.0040996	.0009935	.0526610	.0022130	.085244	.060582
%RSD	1.987197	.5322476	5.615286	.7664648	2.825026	1.992143

#1	.2040481	.1857570	.8776569	.2881726	2.935716	2.978296
#2	.2110354	.1865060	.9755695	.2868474	3.010819	3.045632
#3	.2038263	.1877254	.9602194	.2911672	3.105816	3.099199

Elem	K_7664
Units	ppm
Avg	F 9.958486
Stddev	.223383
%RSD	2.243139

#1	9.724458
#2	9.981569
#3	10.16943

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.304	27397.86	6050.665	1226.143	1959.510
Stddev	6.348	111.78	161.853	3.209	3.528
%RSD	.3399432	.4079710	2.674957	.2617066	.1800220

#1	1860.071	27273.10	5995.651	1228.975	1957.050
#2	1869.893	27431.59	5923.490	1222.658	1963.551
#3	1871.949	27488.88	6232.853	1226.796	1957.927



Sample Name: PB123895TB Acquired: 10/13/2019 14:58:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TCLP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003062	-.003622	-.001043	.0065968	.0003298	-.008387
Stddev	.001751	.001880	.002373	.0007619	.0011722	.006872
%RSD	57.18019	51.91688	227.5192	11.54972	355.4055	81.93480

#1	-.002911	-.001747	-.003781	.0057922	.0013700	-.010739
#2	-.001392	-.003611	.000233	.0073073	-.000940	-.000648
#3	-.004884	-.005508	.000419	.0066910	.000560	-.013773

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000656	-.000199	.0388722	.0001550	.0000400	.0006286
Stddev	.000875	.000195	.0158827	.0002113	.0002344	.0003581
%RSD	133.3421	97.88090	40.85877	136.3825	586.3972	56.97035

#1	-.001617	-.000071	.0205414	-.000038	.0002248	.0002151
#2	.000095	-.000423	.0475414	.000122	.0001188	.0008305
#3	-.000447	-.000103	.0485337	.000381	-.000224	.0008401

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128269	.0020840	.0006302	-.000950	.0083003	-.006609
Stddev	.0302457	.0003253	.0005651	.003062	.0001075	.002981
%RSD	235.7981	15.61057	89.68007	322.4619	1.294508	45.10241

#1	.0450414	.0024103	-.000020	-.003790	.0082451	-.008946
#2	.0084017	.0020819	.000907	.002295	.0082317	-.007629
#3	-.014962	.0017597	.001004	-.001354	.0084241	-.003252

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002529	-.000100	.0073792	-.000249	.0011263	.0024992
Stddev	.001552	.000483	.0043849	.000827	.0017859	.0005410
%RSD	61.35211	482.2601	59.42265	331.5506	158.5585	21.64677

#1	-.002087	-.000013	.0060806	-.000642	.0012760	.0025864
#2	-.004254	-.000621	.0122668	.000701	-.000730	.0029912
#3	-.001247	.000333	.0037903	-.000807	.002833	.0019199



Sample Name: PB123895TB Acquired: 10/13/2019 14:58:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TCLP Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000687	-.000070	.0146692	.0006252	-.004944	F 215.8614
Stddev	.0000510	.000167	.0030535	.0001232	.002030	4.4627
%RSD	74.20385	238.6719	20.81590	19.70821	41.04876	2.067386

#1	.0000624	.000122	.0180413	.0005595	-.006806	210.8695
#2	.0000211	-.000185	.0138753	.0005488	-.002781	217.2499
#3	.0001225	-.000148	.0120911	.0007673	-.005246	219.4648

Elem	K_7664
Units	ppm
Avg	.0111707
Stddev	.0093988
%RSD	84.13793

#1	.0186964
#2	.0141799
#3	.0006358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.593	25899.29	5985.962	1192.048	1840.083
Stddev	32.031	191.79	79.204	15.943	30.861
%RSD	1.736492	.7405063	1.323170	1.337406	1.677135

#1	1819.236	25696.82	6076.979	1174.743	1813.892
#2	1880.591	25922.86	5948.218	1195.264	1874.105
#3	1833.953	26078.21	5932.688	1206.138	1832.252



Sample Name: CCV03 Acquired: 10/13/2019 15:02:52 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.981008	4.952544	4.923272	5.018249	5.013429	10.01794
Stddev	.027322	.019851	.029311	.023406	.018081	.39144
%RSD	.5485210	.4008198	.5953553	.4664229	.3606527	3.907378

#1	4.998089	4.956069	4.949157	5.036845	5.019849	9.58456
#2	4.995439	4.970396	4.929212	5.025936	5.027423	10.12347
#3	4.949497	4.931167	4.891445	4.991966	4.993013	10.34580

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.884522	.2528425	24.61659	.9850894	2.469443	2.493273
Stddev	.359142	.0026147	.82686	.0024438	.014825	.090113
%RSD	3.633373	1.034101	3.358948	.2480824	.6003491	3.614230

#1	9.478989	.2500507	23.67471	.9865404	2.478142	2.390329
#2	10.01219	.2532430	24.95210	.9864599	2.477862	2.531623
#3	10.16239	.2552338	25.22296	.9822679	2.452325	2.557867

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.87059	2.482113	1.237369	2.435796	2.417865	5.127893
Stddev	.99655	.012508	.001106	.089503	.017686	.029308
%RSD	4.006940	.5039168	.0893446	3.674478	.7314616	.5715470

#1	23.73339	2.488938	1.236289	2.334124	2.437981	5.142367
#2	25.28693	2.489725	1.238498	2.470575	2.404761	5.147149
#3	25.59146	2.467678	1.237320	2.502690	2.410852	5.094164

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.038965	5.081080	4.977309	4.967361	4.866550	4.926081
Stddev	.074898	.029125	.025410	.025343	.178367	.183848
%RSD	1.486371	.5732137	.5105102	.5101894	3.665167	3.732134

#1	4.961996	5.086270	4.951897	4.943636	4.662944	4.718082
#2	5.043295	5.107261	5.002716	4.994060	4.941462	4.993305
#3	5.111604	5.049708	4.977316	4.964387	4.995245	5.066856



Sample Name: CCV03 Acquired: 10/13/2019 15:02:52 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.997809	2.534927	5.025373	1.271775	5.076721	F 24.91173
Stddev	.178122	.005251	.196820	.010793	.168092	.60571
%RSD	3.563995	.2071471	3.916529	.8486549	3.311041	2.431436

#1	4.797125	2.529047	4.803419	1.259435	4.889181	24.22557
#2	5.059141	2.536587	5.094034	1.276436	5.127173	25.13742
#3	5.137161	2.539147	5.178665	1.279455	5.213810	25.37219

Elem	K_7664
Units	ppm
Avg	F 25.55725
Stddev	.66523
%RSD	2.602916

#1	24.79934
#2	25.82793
#3	26.04447

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.822	27262.20	6179.920	1246.847	1854.382
Stddev	10.702	50.92	79.750	7.023	10.483
%RSD	.5672055	.1867729	1.290466	.5632680	.5653278

#1	1883.242	27285.70	6265.454	1239.656	1848.085
#2	1878.368	27297.13	6166.700	1253.689	1848.577
#3	1898.855	27203.78	6107.606	1247.196	1866.484



Sample Name: CCB03 Acquired: 10/13/2019 15:06:22 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003085	-.000553	.0020954	-.000842	.0018338	.0072956	-.000666
Stddev	.0012438	.001977	.0006768	.001954	.0031069	.0036930	.000265
%RSD	403.2367	357.4609	32.29809	232.1027	169.4287	50.62006	39.73219

#1	-.000717	-.002139	.0028748	-.002464	-.000794	.0065812	-.000668
#2	.001692	-.001182	.0017542	.001327	.001032	.0112937	-.000401
#3	-.000050	.001662	.0016571	-.001388	.005263	.0040120	-.000930

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	.0066626	-.000277	.0001609	.0001389	.0264957	.0002159
Stddev	.000006	.0115571	.000293	.0002970	.0008844	.0143247	.0003535
%RSD	5.564319	173.4618	106.0572	184.6195	636.9006	54.06414	163.7260

#1	-.000110	.0038081	.000042	.0002611	-.000869	.0201833	.0005790
#2	-.000101	-.003200	-.000536	-.000173	.000500	.0164114	-.000127
#3	-.000099	.019379	-.000335	.000395	.000785	.0428924	.000196

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000936	-.002934	-.000312	-.004669	.0013067	.0015972	.0007476
Stddev	.000178	.003433	.000274	.001553	.0015443	.0005159	.0048817
%RSD	19.00156	117.0117	87.59096	33.25261	118.1899	32.29862	652.9712

#1	-.000898	-.000432	.000002	-.004592	.0023487	.0021389	-.003077
#2	-.000781	-.006848	-.000439	-.006260	.0020389	.0015411	.006246
#3	-.001130	-.001522	-.000500	-.003157	-.000468	.0011117	-.000926

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	.0006350	.0008681	.0000155	.0001176	.0057325	.0014901
Stddev	.001931	.0022547	.0007425	.0000756	.0000312	.0067908	.0003848
%RSD	7520.422	355.0580	85.53881	488.7547	26.55706	118.4620	25.82540

#1	.000970	-.000475	.0017193	.0000970	.0001114	.0110479	.0016495
#2	.001204	-.000850	.0005317	.0000015	.0000899	-.001918	.0017697
#3	-.002251	.003229	.0003532	-.000052	.0001514	.008067	.0010512



Sample Name: CCB03 Acquired: 10/13/2019 15:06:22 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.002622	.0652511	.0134306
Stddev	.008989	.0030458	.0200547
%RSD	342.7558	4.667839	149.3207

#1	-.012444	.0682248	-.002150
#2	-.000619	.0653904	.006384
#3	.005195	.0621380	.036058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.562	28181.04	6223.947	1304.466	2029.074
Stddev	12.883	100.69	33.140	13.708	13.524
%RSD	.6642461	.3572943	.5324617	1.050816	.6664938

#1	1933.813	28065.18	6251.900	1305.684	2023.054
#2	1954.319	28247.36	6187.337	1317.524	2044.562
#3	1930.554	28230.58	6232.604	1290.190	2019.605



Sample Name: PB123853BL Acquired: 10/13/2019 15:10:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002367	.0001214	.0018725	.0006923	.0010125	-.007571	-.000088
Stddev	.004065	.0018168	.0006029	.0028004	.0020234	.010267	.000038
%RSD	171.7354	1496.153	32.19606	404.5118	199.8407	135.5986	43.44185

#1	-.003682	.0013974	.0014796	-.001143	-.000978	.000829	-.000047
#2	-.005612	-.001959	.0025667	.003916	.003067	-.019016	-.000095
#3	.002193	.000926	.0015713	-.000695	.000949	-.004527	-.000123

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0004189	.0001710	.0002600	.0003123	.0214484	-.000016
Stddev	.000062	.0115362	.0006750	.0004131	.0003969	.0306816	.000116
%RSD	8687.476	2753.666	394.7435	158.8518	127.0844	143.0484	704.4075

#1	.000055	.0025298	.0007977	.0000679	.0006841	-.010970	.000098
#2	-.000067	-.012027	.0002591	.0007342	.0003583	.025283	-.000014
#3	.000010	.010754	-.000544	-.000022	-.000106	.050032	-.000134

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000445	-.002351	-.000942	-.003255	-.004062	.0000786	-.001447
Stddev	.000628	.001788	.000558	.002203	.000487	.0001525	.003785
%RSD	141.1115	76.07148	59.20964	67.70181	11.98235	194.0794	261.5643

#1	-.001021	-.000798	-.000353	-.004170	-.003731	-.000012	-.005499
#2	.000225	-.004306	-.001463	-.000741	-.003834	-.000007	.001997
#3	-.000539	-.001949	-.001011	-.004853	-.004621	.000255	-.000839

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000360	.0018778	.0010948	.0000304	.0000454	.0165372	.0006835
Stddev	.000341	.0007457	.0006081	.0000363	.0001666	.0154967	.0005021
%RSD	94.91995	39.71235	55.54229	119.5426	367.1170	93.70816	73.45626

#1	-.000694	.0024304	.0006669	.0000159	-.000088	-.001247	.0001935
#2	-.000372	.0010296	.0017909	.0000035	.000232	.027143	.0011968
#3	-.000012	.0021736	.0008266	.0000718	-.000009	.023715	.0006601



Sample Name: PB123853BL Acquired: 10/13/2019 15:10:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0050896	.0374454	-.028774
Stddev	.0028075	.0057801	.017918
%RSD	55.16051	15.43595	62.27191

#1	.0018631	.0312858	-.009267
#2	.0069748	.0382993	-.044500
#3	.0064310	.0427509	-.032555

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.130	27993.91	6151.037	1287.390	2022.420
Stddev	7.853	67.10	97.611	9.391	7.825
%RSD	.4062418	.2396946	1.586898	.7294390	.3869193

#1	1942.188	28013.82	6262.722	1280.470	2031.436
#2	1928.234	27919.11	6082.059	1283.621	2018.423
#3	1928.968	28048.80	6108.328	1298.080	2017.401



Sample Name: PB123853BS Acquired: 10/13/2019 15:14:10 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7418357	1.908185	.9236864	1.816984	.7553908	1.996595
Stddev	.0055114	.007874	.0015509	.002291	.0022653	.073150
%RSD	.7429389	.4126420	.1679025	.1261122	.2998826	3.663757

#1	.7462437	1.899222	.9254742	1.819627	.7574559	1.913655
#2	.7356564	1.911340	.9227028	1.815776	.7529679	2.024220
#3	.7436069	1.913991	.9228821	1.815549	.7557487	2.051910

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2023483	.1953727	1.014698	.3989558	.1902532	.2040423
Stddev	.0082303	.0039105	.021322	.0013191	.0008062	.0082796
%RSD	4.067397	2.001549	2.101334	.3306402	.4237391	4.057778

#1	.1929448	.1910318	.990480	.3974350	.1894459	.1945015
#2	.2058589	.1986198	1.022965	.3997899	.1902555	.2082817
#3	.2082412	.1964666	1.030649	.3996425	.1910582	.2093436

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.993744	.4758866	.0703983	.2952026	.1942469	F 5.397016
Stddev	.081101	.0013265	.0006320	.0153225	.0016728	.012539
%RSD	4.067761	.2787391	.8977933	5.190489	.8611723	.2323288

#1	1.923538	.4752857	.0710208	.2777035	.1936609	5.397216
#2	1.975176	.4749670	.0704168	.3016903	.1961338	5.384378
#3	2.082519	.4774072	.0697572	.3062138	.1929458	5.409453

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2806466	.4040402	F -.011190	.6518534	.1923685	.1998577
Stddev	.0063148	.0006619	.003833	.0004890	.0069070	.0072286
%RSD	2.250074	.1638266	34.25804	.0750108	3.590512	3.616888

#1	.2734066	.4044596	-.012316	.6517703	.1851270	.1915412
#2	.2850169	.4032771	-.006919	.6523786	.1930948	.2033993
#3	.2835162	.4043838	-.014333	.6514113	.1988836	.2046325



Sample Name: PB123853BS Acquired: 10/13/2019 15:14:10 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036978	F .1917459	.9565682	F .2959967	F 3.028445	F 3.022054
Stddev	.0072048	.0006938	.0454503	.0007857	.092063	.087661
%RSD	3.536993	.3618275	4.751389	.2654470	3.039946	2.900718

#1	.1954500	.1910845	.9101454	.2956538	2.927035	2.921685
#2	.2068787	.1916852	.9585801	.2968956	3.051535	3.060873
#3	.2087647	.1924681	1.000979	.2954407	3.106765	3.083602

Elem	K_7664
Units	ppm
Avg	F 9.907814
Stddev	.232936
%RSD	2.351031

#1	9.639627
#2	10.02413
#3	10.05968

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.545	27629.23	6079.017	1241.126	1985.245
Stddev	2.252	55.44	96.698	6.117	1.210
%RSD	.1186058	.2006489	1.590688	.4928549	.0609559

#1	1896.064	27587.75	6189.862	1238.005	1986.592
#2	1900.460	27692.19	6011.948	1237.199	1984.891
#3	1899.110	27607.74	6035.243	1248.174	1984.251



Sample Name: PB123854BL Acquired: 10/13/2019 15:17:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001138	-.001094	.0019393	.0017304	.0023664	-.001792	.0000274
Stddev	.002760	.002586	.0022844	.0031800	.0007691	.005748	.0001820
%RSD	242.4247	236.3136	117.7951	183.7738	32.50041	320.6787	664.7346

#1	-.001442	.001338	.0045329	-.000980	.0031993	-.006892	-.000180
#2	-.003734	-.000811	.0002262	.000941	.0022165	-.002920	.000101
#3	.001761	-.003811	.0010587	.005231	.0016832	.004435	.000161

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000136	.0012998	-.000080	.0004577	.0002071	.0168467	-.000225
Stddev	.000099	.0060640	.000476	.0006606	.0003885	.0322153	.000235
%RSD	72.55759	466.5388	596.4445	144.3308	187.5650	191.2258	104.1534

#1	-.000168	-.003013	-.000615	.0001695	.0003916	-.016917	-.000233
#2	-.000215	.008234	.000079	.0012134	.0004690	.020208	.000013
#3	-.000025	-.001322	.000297	-.000010	-.000239	.047250	-.000456

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001471	-.000918	-.000316	-.002094	-.006611	-.000089	.0001181
Stddev	.000551	.002656	.000308	.001848	.001641	.000455	.0016809
%RSD	37.43141	289.2335	97.42199	88.22864	24.82222	511.2045	1423.614

#1	-.000842	-.003958	-.000063	-.000588	-.008341	.000296	.0005860
#2	-.001867	.000244	-.000658	-.004156	-.005077	-.000592	.0015154
#3	-.001704	.000958	-.000226	-.001538	-.006416	.000029	-.001747

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001160	.0019244	.0015417	.0000104	.0000681	.0068750	.0009873
Stddev	.000921	.0018024	.0011895	.0000068	.0003014	.0070266	.0000921
%RSD	79.33652	93.66441	77.15415	65.28507	442.3689	102.2039	9.327562

#1	-.002135	.0006694	.0010788	.0000041	.0000351	-.000725	.0010932
#2	-.000305	.0039897	.0028930	.0000096	.0003847	.008216	.0009259
#3	-.001042	.0011139	.0006532	.0000176	-.000215	.013134	.0009427



Sample Name: PB123854BL Acquired: 10/13/2019 15:17:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.007962	.0320671	-.033051
Stddev	.007390	.0142131	.022571
%RSD	92.81966	44.32301	68.29268

#1	.000568	.0203659	-.057944
#2	-.012009	.0279517	-.027291
#3	-.012444	.0478838	-.013918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.011	28131.34	6128.824	1284.323	2025.893
Stddev	4.116	82.77	70.301	6.228	5.149
%RSD	.2129513	.2942347	1.147060	.4849578	.2541804

#1	1931.934	28065.28	6206.584	1280.240	2027.507
#2	1929.541	28104.55	6069.761	1281.237	2020.130
#3	1937.559	28224.19	6110.128	1291.492	2030.042



Sample Name: PB123854BS Acquired: 10/13/2019 15:21:51 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7594735	1.961371	.9387725	1.949763	.7778291	2.003314
Stddev	.0063981	.004460	.0066409	.010507	.0013702	.072347
%RSD	.8424340	.2273891	.7074028	.5389035	.1761614	3.611373

#1	.7637329	1.966392	.9464364	1.961666	.7791921	1.920002
#2	.7521161	1.957867	.9351642	1.945845	.7764517	2.039638
#3	.7625713	1.959855	.9347168	1.941778	.7778435	2.050301

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2001869	.2068210	1.010846	.3945429	.1914982	.2051246
Stddev	.0061863	.0012179	.045502	.0010309	.0005830	.0068745
%RSD	3.090284	.5888515	4.501342	.2612805	.3044591	3.351369

#1	.1931774	.2057290	.964096	.3953711	.1921253	.1976715
#2	.2024994	.2081344	1.013456	.3948692	.1909725	.2064853
#3	.2048838	.2065995	1.054987	.3933884	.1913969	.2112169

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.023602	.4816872	.0723688	.2944217	.1945047	5.585111
Stddev	.027647	.0032322	.0003291	.0128676	.0012025	.024626
%RSD	1.366212	.6710210	.4547021	4.370465	.6182135	.4409193

#1	1.992364	.4854173	.0726678	.2797811	.1931769	5.612257
#2	2.044922	.4799333	.0720162	.2995478	.1955203	5.564205
#3	2.033520	.4797110	.0724223	.3039362	.1948169	5.578871

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2954490	.4036979	-.006549	.6625290	.1920695	.1985086
Stddev	.0011586	.0012957	.004001	.0018315	.0037727	.0084364
%RSD	.3921527	.3209492	61.09757	.2764356	1.964243	4.249904

#1	.2941969	.4046656	-.004735	.6646374	.1886399	.1891437
#2	.2956669	.4022259	-.003776	.6613322	.1914579	.2008681
#3	.2964832	.4042022	-.011136	.6616174	.1961106	.2055142



Sample Name: PB123854BS Acquired: 10/13/2019 15:21:51 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2034799	F .2018018	F .9629020	F .3081019	F 3.049511	F 3.010411
Stddev	.0058265	.0011793	.0480374	.0002120	.099984	.094945
%RSD	2.863433	.5843706	4.988817	.0687930	3.278683	3.153901

#1	.1968672	.2011119	.9075374	.3078807	2.944614	2.909925
#2	.2057126	.2031634	.9876409	.3081217	3.060196	3.022688
#3	.2078598	.2011299	.9935276	.3083032	3.143724	3.098621

Elem	K_7664
Units	ppm
Avg	F 10.09701
Stddev	.28198
%RSD	2.792718

#1	9.79976
#2	10.13054
#3	10.36073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.205	28094.04	6120.609	1285.446	2024.103
Stddev	12.272	1.72	31.172	5.294	13.310
%RSD	.6325204	.0061251	.5093004	.4118680	.6575960

#1	1929.871	28093.76	6139.597	1289.183	2011.137
#2	1953.769	28092.48	6084.633	1279.387	2037.733
#3	1936.976	28095.89	6137.598	1287.767	2023.438



Sample Name: PB123897BL Acquired: 10/13/2019 15:25:36 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002148	.0023703	.0011402	.0007392	.0018572	.0016148	-.000468
Stddev	.0014360	.0029346	.0024750	.0022400	.0017957	.0053362	.000800
%RSD	668.3668	123.8058	217.0678	303.0323	96.68837	330.4499	170.8991

#1	.0016769	-.001006	.0035583	-.000808	.0023605	-.002395	-.000762
#2	.0001613	.004310	-.001388	-.000282	.0033476	-.000432	-.001080
#3	-.001194	.003807	.001250	.003308	-.000136	.007672	.000437

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000142	.0087410	.0000823	.0002282	-.000352	.0316411	.0003072
Stddev	.000159	.0195215	.0006661	.0001828	.000537	.0148922	.0002158
%RSD	111.9214	223.3324	809.5139	80.09658	152.4842	47.06588	70.26885

#1	-.000172	.0003565	.0006455	.0003119	.000088	.0452577	.0000913
#2	.000030	-.005188	.0002542	.0003542	-.000194	.0157379	.0003072
#3	-.000283	.031054	-.000653	.0000186	-.000950	.0339276	.0005230

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000894	.0033545	-.001038	-.003510	-.006060	-.000397	-.003062
Stddev	.000687	.0013445	.001015	.002282	.000581	.000301	.002012
%RSD	76.88114	40.08048	97.81518	65.01884	9.590471	75.84598	65.71837

#1	-.000741	.0029316	-.001433	-.005900	-.005479	-.000611	-.005309
#2	-.000296	.0022723	.000116	-.001354	-.006642	-.000053	-.002448
#3	-.001645	.0048596	-.001796	-.003277	-.006060	-.000527	-.001428

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000973	.0011468	.0012996	.0000042	-.000063	.0169097	-.000016
Stddev	.000851	.0018862	.0013474	.0000893	.000149	.0203872	.000586
%RSD	87.40252	164.4651	103.6748	2105.207	235.4999	120.5650	3655.103

#1	-.001712	.0032698	.0024803	.0001071	-.000232	.0218526	.000657
#2	-.000043	-.000336	-.000168	-.000042	.000049	-.005494	-.000294
#3	-.001165	.000507	.001587	-.000053	-.000006	.034371	-.000411



Sample Name: PB123897BL Acquired: 10/13/2019 15:25:36 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.007889	.0278427	-.040699
Stddev	.003793	.0114737	.049321
%RSD	48.07821	41.20912	121.1849

#1	-.003545	.0161959	-.092516
#2	-.009576	.0391352	-.035258
#3	-.010545	.0281970	.005676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.840	28116.82	6169.733	1290.439	2030.180
Stddev	24.520	45.88	6.595	8.654	21.903
%RSD	1.262095	.1631884	.1068944	.6706499	1.078880

#1	1928.091	28127.06	6177.340	1299.912	2018.591
#2	1971.146	28156.72	6166.242	1282.946	2055.443
#3	1929.284	28066.69	6165.617	1288.459	2016.507



Sample Name: PB123897BS Acquired: 10/13/2019 15:29:29 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7994398	2.055228	.9869339	2.045415	.8069528	2.094463
Stddev	.0003355	.011046	.0004088	.002317	.0061595	.084901
%RSD	.0419719	.5374350	.0414211	.1132729	.7633002	4.053584

#1	.7991088	2.052785	.9871930	2.043949	.8087946	1.997286
#2	.7994308	2.045609	.9871460	2.044209	.8000825	2.131839
#3	.7997797	2.067291	.9864626	2.048086	.8119812	2.154263

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2095990	.2142910	1.054949	.4129997	.2007475	.2136004
Stddev	.0077205	.0018824	.037905	.0017534	.0014961	.0086926
%RSD	3.683473	.8784203	3.593084	.4245497	.7452838	4.069566

#1	.2008056	.2121296	1.015661	.4118886	.2020310	.2036250
#2	.2127253	.2151727	1.057886	.4120893	.1991043	.2176238
#3	.2152660	.2155708	1.091301	.4150210	.2011071	.2195523

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.115508	.5045347	.0757826	.3014206	.2023502	F 5.834437
Stddev	.086907	.0022422	.0005638	.0119938	.0007885	.028183
%RSD	4.108114	.4444001	.7439367	3.979096	.3896839	.4830434

#1	2.028952	.5067911	.0751382	.2876060	.2025263	5.864766
#2	2.114809	.5023071	.0761848	.3074790	.2014885	5.809055
#3	2.202763	.5045060	.0760249	.3091767	.2030357	5.829490

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3061014	.4206724	F -.009270	.6884925	.1983176	.2075966
Stddev	.0060555	.0021522	.001245	.0043129	.0067348	.0064105
%RSD	1.978253	.5116095	13.42760	.6264190	3.395944	3.087957

#1	.3002315	.4195048	-.010469	.6875817	.1906159	.2002350
#2	.3123268	.4193563	-.007984	.6847078	.2012359	.2106072
#3	.3057458	.4231561	-.009359	.6931880	.2031010	.2119477



Sample Name: PB123897BS Acquired: 10/13/2019 15:29:29 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2122201	F .2081050	F .9953905	F .3168008	F 3.203245	F 3.161304
Stddev	.0071522	.0011234	.0353437	.0014739	.102603	.088090
%RSD	3.370194	.5398034	3.550734	.4652414	3.203100	2.786517

#1	.2040480	.2091921	.9593253	.3184565	3.086654	3.059725
#2	.2152731	.2069486	.9968808	.3156318	3.243308	3.207478
#3	.2173392	.2081743	1.029965	.3163141	3.279772	3.216708

Elem	K_7664
Units	ppm
Avg	F 10.52873
Stddev	.31131
%RSD	2.956803

#1	10.17185
#2	10.66984
#3	10.74450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.151	27865.16	6143.113	1286.817	1997.954
Stddev	5.734	62.67	51.983	7.727	3.479
%RSD	.2997047	.2248905	.8461939	.6004921	.1741430

#1	1919.529	27803.22	6203.134	1283.331	2001.955
#2	1911.498	27928.53	6112.578	1295.673	1995.640
#3	1908.425	27863.72	6113.627	1281.447	1996.267



Sample Name: PB123897TB Acquired: 10/13/2019 15:33:14 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001837	-.000092	.0003300	-.000009	.0009306	-.000761	-.000157
Stddev	.002098	.003547	.0002885	.002812	.0014987	.007311	.000432
%RSD	114.2324	3859.900	87.40901	30440.42	161.0484	961.2930	274.9594

#1	-.004141	.001473	.0006335	-.003110	.0018098	-.008693	-.000554
#2	-.000038	.002404	.0002972	.000709	-.000800	.005707	-.000220
#3	-.001330	-.004152	.0000594	.002374	.001782	.000704	.000303

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000168	.0025818	-.000094	.0005441	-.000211	.0088980	.0004834
Stddev	.000137	.0100051	.000110	.0004330	.000512	.0127542	.0006362
%RSD	81.46812	387.5245	117.1978	79.58635	242.8176	143.3379	131.6199

#1	-.000095	-.008814	.000032	.0006086	.000264	-.001319	-.000097
#2	-.000083	.006638	-.000168	.0009412	-.000143	.023192	.001164
#3	-.000326	.009922	-.000145	.0000824	-.000754	.004821	.000383

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000735	-.000586	-.000553	-.002486	-.004896	-.000175	-.000199
Stddev	.000485	.002641	.000563	.001103	.000211	.000328	.001323
%RSD	65.87898	450.9140	101.7925	44.36287	4.300764	187.8082	664.7626

#1	-.001082	-.002662	.000025	-.001679	-.005134	-.000456	-.000957
#2	-.000942	.002387	-.001099	-.002036	-.004822	.000186	.001328
#3	-.000182	-.001482	-.000585	-.003742	-.004733	-.000254	-.000968

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001492	.0010000	.0005398	.0000016	-.000013	.0189962	.0000961
Stddev	.000446	.0014781	.0005062	.0000166	.000165	.0341159	.0007087
%RSD	29.89033	147.8181	93.77648	1043.493	1263.378	179.5939	737.2394

#1	-.001542	-.000698	.0011238	-.000006	-.000134	-.019503	-.000655
#2	-.001023	.002002	.0002258	.000021	-.000080	.031018	.000191
#3	-.001910	.001696	.0002698	-.000010	.000175	.045474	.000753



Sample Name: PB123897TB Acquired: 10/13/2019 15:33:14 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.002850	.0210533	-.035443
Stddev	.005809	.0032785	.020014
%RSD	203.8207	15.57235	56.46730

#1	-.009339	.0213833	-.048431
#2	.001863	.0241542	-.045503
#3	-.001073	.0176222	-.012395

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.351	27959.56	6194.761	1293.272	2020.384
Stddev	6.965	66.00	111.179	14.751	8.037
%RSD	.3611819	.2360477	1.794731	1.140560	.3977715

#1	1928.734	27886.71	6323.060	1276.766	2019.411
#2	1921.202	27976.62	6126.700	1297.888	2012.879
#3	1935.116	28015.36	6134.523	1305.163	2028.863



Sample Name: K5145-01 Acquired: 10/13/2019 15:37:06 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204195	-.169476	.1047354	-.028581	.0040139	131.7536
Stddev	.0014360	.003718	.0035512	.001443	.0011168	2.9106
%RSD	7.032472	2.194067	3.390668	5.047869	27.82351	2.209092

#1	.0192891	-.173658	.1020396	-.029487	.0049302	128.6335
#2	.0199341	-.166541	.1034073	-.029338	.0027699	132.2322
#3	.0220353	-.168230	.1087592	-.026917	.0043416	134.3953

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5991874	.0160212	18.05899	.1064680	.2131558	3.494062
Stddev	.0113102	.0001660	.38254	.0023549	.0005084	.073184
%RSD	1.887592	1.036195	2.118299	2.211825	.2384940	2.094524

#1	.5879623	.0161498	17.66862	.1038105	.2136199	3.416005
#2	.5990191	.0158338	18.07516	.1072980	.2132351	3.505049
#3	.6105809	.0160799	18.43319	.1082956	.2126125	3.561131

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80659	.3407893	-.007473	.3251261	.2749651	7.266082
Stddev	.28047	.0005247	.000219	.0081325	.0084309	.014002
%RSD	2.031446	.1539626	2.934368	2.501330	3.066154	.1927044

#1	13.50676	.3408409	-.007644	.3173955	.2654889	7.250833
#2	13.85047	.3412863	-.007226	.3243745	.2816348	7.269051
#3	14.06254	.3402407	-.007550	.3336082	.2777715	7.278361

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1559106	.0072096	1.375753	.0104230	4.132161	.0377975
Stddev	.0270672	.0004417	.008643	.0018289	.081963	.0007472
%RSD	17.36074	6.127280	.6282357	17.54650	1.983529	1.976917

#1	.1250346	.0074912	1.367769	.0124832	4.047187	.0377627
#2	.1755485	.0067004	1.384931	.0089913	4.138558	.0370684
#3	.1671488	.0074370	1.374560	.0097944	4.210737	.0385616



Sample Name: K5145-01 Acquired: 10/13/2019 15:37:06 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672329	.0405154	6.539077	.5636452	F 498.1070	F 16.63028
Stddev	.0016106	.0003047	.386905	.0030676	13.2340	.42669
%RSD	2.395574	.7520739	5.916809	.5442354	2.656859	2.565721

#1	.0654911	.0404934	6.736711	.5670326	482.9011	16.14439
#2	.0675395	.0408305	6.787249	.5610548	504.3970	16.80255
#3	.0686682	.0402223	6.093272	.5628482	507.0229	16.94390

Elem	K_7664
Units	ppm
Avg	F 11.15885
Stddev	.30283
%RSD	2.713824

#1	10.80965
#2	11.34931
#3	11.31759

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3972.004	57842.02	13062.68	2657.574	1999.578
Stddev	6.872	986.62	139.43	61.027	11.909
%RSD	.1730175	1.705706	1.067371	2.296331	.5955869

#1	3964.127	58979.46	12937.14	2726.028	2013.208
#2	3975.110	57328.71	13212.74	2608.865	1994.344
#3	3976.775	57217.88	13038.17	2637.827	1991.182



Sample Name: K5145-01DUP Acquired: 10/13/2019 15:40:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208315	-.168720	.1055158	-.025104	.0043882	130.1750
Stddev	.0010109	.001757	.0014011	.002796	.0011535	2.8659
%RSD	4.852890	1.041538	1.327850	11.13810	26.28637	2.201571

#1	.0214476	-.168810	.1060651	-.027276	.0055342	126.9645
#2	.0196648	-.166919	.1065590	-.021949	.0044031	132.4750
#3	.0213820	-.170430	.1039233	-.026088	.0032274	131.0856

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6051944	.0158025	17.84398	.1008826	.2174459	3.551641
Stddev	.0139174	.0001555	.42141	.0027476	.0012494	.073649
%RSD	2.299649	.9837312	2.361639	2.723571	.5745601	2.073655

#1	.5898939	.0157607	17.38670	.0977107	.2171733	3.471144
#2	.6171006	.0159746	18.21671	.1024081	.2163554	3.615645
#3	.6085888	.0156723	17.92852	.1025289	.2188091	3.568134

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.68351	.3378980	-.007496	.3258639	.2709806	7.495048
Stddev	.31885	.0015583	.000328	.0049188	.0048885	.018494
%RSD	2.330191	.4611622	4.369337	1.509468	1.804015	.2467535

#1	13.34585	.3395499	-.007838	.3203569	.2653359	7.506578
#2	13.97944	.3376896	-.007462	.3274135	.2737736	7.504849
#3	13.72524	.3364544	-.007186	.3298214	.2738322	7.473716

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1454936	.0070780	1.423817	.0100409	4.101538	.0369144
Stddev	.0317603	.0002791	.003007	.0019455	.101844	.0012653
%RSD	21.82933	3.943329	.2112070	19.37563	2.483077	3.427595

#1	.1106717	.0067941	1.423762	.0088573	3.989193	.0354874
#2	.1529399	.0070877	1.426851	.0089792	4.187815	.0373566
#3	.1728691	.0073521	1.420838	.0122863	4.127605	.0378993



Sample Name: K5145-01DUP Acquired: 10/13/2019 15:40:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0620427	.0401999	2.382927	.5575167	F 495.7174	F 16.47149
Stddev	.0010580	.0004701	.072558	.0031670	14.8425	.47695
%RSD	1.705216	1.169491	3.044900	.5680579	2.994145	2.895619

#1	.0608211	.0396618	2.318486	.5539151	478.7824	15.93197
#2	.0626572	.0405308	2.368778	.5587681	501.9038	16.64545
#3	.0626499	.0404072	2.461517	.5598667	506.4662	16.83704

Elem	K_7664
Units	ppm
Avg	F 10.74807
Stddev	.29815
%RSD	2.773980

#1	10.43553
#2	10.77930
#3	11.02937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3980.015	57770.46	13034.53	2662.879	1996.437
Stddev	18.881	871.38	177.18	52.912	5.807
%RSD	.4744076	1.508343	1.359348	1.987024	.2908623

#1	3959.535	58775.01	12934.67	2723.656	1990.333
#2	3996.731	57218.57	12929.82	2627.076	2001.892
#3	3983.780	57317.80	13239.11	2637.905	1997.086



Sample Name: K5145-01LX5 Acquired: 10/13/2019 15:44:27 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0073404	k -.036108	.0243881	-.015083	k .0017182	45.37850
Stddev	.0019620	.002793	.0015844	.002038	.0025203	1.50425
%RSD	26.72896	7.735570	6.496610	13.51287	146.6841	3.314888

#1	.0067783	-.035344	.0258159	-.013408	.0022407	43.64178
#2	.0095222	-.039204	.0246648	-.017352	.0039363	46.27165
#3	k .0057208	k -.033776	.0226836	-.014489	k -.001022	46.22206

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2116049	.0048547	6.181907	s .0464576	.0456757	1.267468
Stddev	.0059664	.0001065	.202779	.0034225	.0000959	.043223
%RSD	2.819587	2.192994	3.280200	7.366936	.2099529	3.410205

#1	.2047434	.0047627	5.947796	.0455524	.0455687	1.217593
#2	.2155720	.0049713	6.302608	.0435787	.0457540	1.290804
#3	.2144992	.0048301	6.295318	s .0502417	.0457044	1.294009

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.883758	.0740021	s -.008102	k .1144002	.1093116	k 1.579000
Stddev	.141830	.0005573	.001056	.0071822	.0057971	.004872
%RSD	2.904119	.7531120	13.02925	6.278119	5.303311	.3085672

#1	4.720382	.0738263	-.007764	.1064931	.1138031	1.575227
#2	4.955592	.0746261	-.007257	.1161875	.1113643	1.577273
#3	4.975300	.0735538	s -.009285	k .1205199	.1027674	k 1.584501

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.087148	.0015225	.2880140	.0015298	1.441075	.0132257
Stddev	.003268	.0000878	.0038526	.0006952	.036038	.0011790
%RSD	3.750382	5.766900	1.337636	45.44533	2.500749	8.914631

#1	-.090326	.0015652	.2914086	.0009594	1.400293	.0118666
#2	-.087320	.0014215	.2888065	.0023043	1.454300	.0139750
#3	k -.083796	.0015807	.2838267	.0013258	1.468632	.0138354



Sample Name: K5145-01LX5 Acquired: 10/13/2019 15:44:27 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223762	.0082846	.6547977	.1211875	F 104.9664	3.334683
Stddev	.0006967	.0002067	.0348851	.0009845	2.6675	.072066
%RSD	3.113527	2.495224	5.327613	.8123838	2.541281	2.161113

#1	.0215725	.0083434	.6145273	.1221525	101.9394	3.259038
#2	.0228092	.0080549	.6741035	.1212253	105.9866	3.342473
#3	.0227468	.0084556	.6757624	.1201846	106.9733	3.402537

Elem	K_7664
Units	ppm
Avg	2.162839
Stddev	.093507
%RSD	4.323368

#1	2.066530
#2	2.168721
#3	2.253267

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.875	^ *****	7667.223	1626.992	1979.117
Stddev	2.043	-----	63.360	71.925	3.522
%RSD	.0865198	-----	.8263706	4.420760	.1779761

#1	2360.571	34300.31	7726.744	1585.577	1979.268
#2	2360.825	34424.61	7600.619	1585.356	1982.562
#3	2364.231	^ -----	7674.306	1710.045	1975.522



Sample Name: CCV04 Acquired: 10/13/2019 15:48:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.947855	4.908647	4.874728	4.991665	4.960111	10.09827
Stddev	.071682	.074682	.072246	.079839	.073309	.30766
%RSD	1.448752	1.521438	1.482054	1.599436	1.477963	3.046644

#1	4.865500	4.824898	4.792752	4.903395	4.877072	9.74418
#2	4.996215	4.968327	4.929111	5.058832	5.015862	10.25042
#3	4.981851	4.932715	4.902321	5.012769	4.987398	10.30021

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.900693	.2534286	24.78288	.9777054	2.442254	2.516379
Stddev	.287887	.0026472	.73537	.0031734	.037756	.073792
%RSD	2.907743	1.044550	2.967239	.3245777	1.545954	2.932468

#1	9.568276	.2504102	23.93379	.9786396	2.399417	2.431190
#2	10.06529	.2553553	25.20069	.9741698	2.470691	2.557427
#3	10.06852	.2545204	25.21416	.9803070	2.456654	2.560520

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.03891	2.455969	1.233266	2.439571	2.381017	5.086123
Stddev	.66985	.038768	.003130	.070329	.018586	.070724
%RSD	2.675222	1.578504	.2538315	2.882848	.7805749	1.390520

#1	24.27531	2.411880	1.236782	2.359695	2.373581	5.009752
#2	25.31401	2.484725	1.232234	2.466816	2.402169	5.149357
#3	25.52740	2.471303	1.230782	2.492202	2.367301	5.099261

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.039115	5.020340	4.907067	4.874602	4.872231	4.940674
Stddev	.048809	.073128	.054140	.082420	.152518	.149993
%RSD	.9686016	1.456643	1.103300	1.690810	3.130355	3.035875

#1	4.987478	4.936526	4.845503	4.779447	4.696284	4.767611
#2	5.084492	5.071148	4.928442	4.923656	4.966821	5.021323
#3	5.045377	5.053344	4.947256	4.920704	4.953588	5.033089



Sample Name: CCV04 Acquired: 10/13/2019 15:48:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.031274	F 2.511848	4.933616	1.253159	5.043555	24.57554
Stddev	.149828	.007420	.111375	.008351	.122153	.54785
%RSD	2.977939	.2954109	2.257481	.6663798	2.421955	2.229269
#1	4.858269	2.503394	4.805120	1.244973	4.902505	23.95401
#2	5.117077	2.514865	5.002457	1.252839	5.114288	24.78418
#3	5.118475	2.517285	4.993271	1.261665	5.113871	24.98841

Elem	K_7664
Units	ppm
Avg	F 25.45059
Stddev	.56475
%RSD	2.219014
#1	24.80193
#2	25.71683
#3	25.83301

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.172	27031.80	6124.084	1245.163	1857.815
Stddev	21.448	91.32	47.425	9.493	21.969
%RSD	1.136533	.3378060	.7744056	.7623890	1.182509
#1	1911.649	26926.37	6173.427	1246.235	1882.656
#2	1871.662	27085.71	6078.842	1235.180	1840.944
#3	1878.206	27083.33	6119.984	1254.074	1849.843



Sample Name: CCB04 Acquired: 10/13/2019 15:51:50 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002498	.0018537	.0008630	.0008771	.0015230	.0041659	-.000489
Stddev	.001973	.0002175	.0009439	.0012540	.0006332	.0081432	.000194
%RSD	78.96457	11.73324	109.3830	142.9730	41.57406	195.4734	39.61367

#1	-.000907	.0016457	.0007340	-.000227	.0022500	.0089246	-.000678
#2	-.001882	.0018359	.0018648	.000618	.0012269	-.005237	-.000499
#3	-.004705	.0020795	-.000010	.002241	.0010922	.008810	-.000291

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.004710	.0003954	.0003206	-.000408	.0251158	.0003937
Stddev	.000093	.004745	.0008090	.0001908	.000874	.0244780	.0001200
%RSD	89.21630	100.7530	204.6050	59.51147	214.5127	97.46044	30.47219

#1	-.000004	-.010109	-.000284	.0005206	-.001055	.0516235	.0003575
#2	-.000188	-.002816	.000180	.0001406	.000587	.0203579	.0002960
#3	-.000120	-.001204	.001290	.0003006	-.000755	.0033661	.0005276

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000392	-.002897	-.000509	-.004043	-.000525	.0011455	-.001072
Stddev	.000345	.001994	.000352	.001705	.002770	.0002648	.003665
%RSD	87.85997	68.81717	69.01937	42.16302	527.5598	23.11226	341.7636

#1	-.000535	-.003390	-.000331	-.002486	-.000491	.0014042	-.003074
#2	.000001	-.000703	-.000283	-.005864	.002228	.0011573	.003158
#3	-.000643	-.004598	-.000915	-.003779	-.003312	.0008751	-.003301

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007683	.0017321	.0012098	.0000452	-.000037	.0092347	.0005666
Stddev	.0011793	.0009861	.0008915	.0000556	.000072	.0025008	.0002318
%RSD	153.4947	56.93156	73.68842	123.1445	194.2300	27.08038	40.91227

#1	-.000471	.0025653	.0002957	-.000014	.000044	.0071731	.0007328
#2	.001876	.0006434	.0012571	.000097	-.000093	.0120166	.0006652
#3	.000900	.0019876	.0020768	.000053	-.000062	.0085144	.0003018



Sample Name: CCB04 Acquired: 10/13/2019 15:51:50 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.002174	-.033050	-.055115
Stddev	.004703	.011030	.026683
%RSD	216.2904	33.37422	48.41292

#1	-.007085	-.043555	-.061662
#2	-.001726	-.034034	-.025768
#3	.002288	-.021561	-.077915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.276	28052.26	6119.418	1284.787	2031.561
Stddev	13.821	226.91	9.639	13.120	12.564
%RSD	.7130800	.8088770	.1575099	1.021189	.6184379

#1	1925.868	27874.94	6122.650	1282.785	2021.742
#2	1935.786	27973.87	6108.578	1272.783	2027.222
#3	1953.173	28307.97	6127.025	1298.793	2045.720



Sample Name: K5145-01MS Acquired: 10/13/2019 15:55:44 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4067093	1.714733	1.040155	.9180704	.3937017	132.8864
Stddev	.0040967	.008783	.004969	.0014558	.0030784	2.8311
%RSD	1.007274	.5121867	.4776867	.1585752	.7819016	2.130436

#1	.4095853	1.715450	1.045269	.9174919	.3971224	129.7222
#2	.4085238	1.705614	1.035346	.9197266	.3928284	133.7570
#3	.4020187	1.723135	1.039851	.9169928	.3911544	135.1798

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7188849	.1160155	18.78280	.2997236	.4111912	3.658668
Stddev	.0131552	.0005071	.40183	.0092773	.0009789	.076858
%RSD	1.829941	.4370607	2.139331	3.095268	.2380576	2.100711

#1	.7039959	.1155859	18.35566	.2891356	.4109191	3.572647
#2	.7237225	.1165748	18.83945	.3064277	.4103771	3.682771
#3	.7289364	.1158856	19.15330	.3036074	.4122773	3.720585

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01507	.8226265	.0288750	.4769657	.3306586	13.25371
Stddev	.36634	.0026516	.0008486	.0120579	.0095131	.04588
%RSD	2.439831	.3223387	2.938752	2.528041	2.877021	.3461815

#1	14.61650	.8238210	.0279605	.4631125	.3198807	13.21223
#2	15.09164	.8195877	.0290276	.4851001	.3378852	13.24590
#3	15.33708	.8244707	.0296370	.4826844	.3342100	13.30299

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3040587	.2094183	1.396114	.6817134	4.391097	.1402991
Stddev	.0241985	.0008147	.010140	.0022855	.081836	.0038440
%RSD	7.958488	.3890292	.7263113	.3352588	1.863679	2.739872

#1	.2785553	.2100819	1.384408	.6797338	4.300252	.1358893
#2	.3069238	.2096640	1.401749	.6811917	4.413994	.1429423
#3	.3266972	.2085090	1.402186	.6842147	4.459046	.1420656



Sample Name: K5145-01MS Acquired: 10/13/2019 15:55:44 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1687222	.2353440	6.153867	.8757194	F 506.4650	F 19.98295
Stddev	.0032051	.0005548	.146807	.0020967	13.7236	.49700
%RSD	1.899609	.2357373	2.385609	.2394246	2.709687	2.487109

#1	.1652178	.2351322	5.984368	.8744905	490.9912	19.42461
#2	.1694441	.2359735	6.240828	.8781404	511.2425	20.14725
#3	.1715048	.2349263	6.236405	.8745274	517.1613	20.37700

Elem	K_7664
Units	ppm
Avg	F 21.95548
Stddev	.50319
%RSD	2.291847

#1	21.38926
#2	22.12568
#3	22.35149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3993.505	57640.96	12986.02	2645.905	1984.120
Stddev	14.674	938.74	79.39	27.868	4.161
%RSD	.3674501	1.628593	.6113501	1.053238	.2097115

#1	3976.994	58724.91	12894.36	2674.734	1986.273
#2	3998.460	57103.18	13030.26	2643.873	1986.764
#3	4005.059	57094.79	13033.42	2619.109	1979.324



Sample Name: K5145-01MSD Acquired: 10/13/2019 15:59:20 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4059943	1.715118	1.035970	.9100371	.3913656	131.5942
Stddev	.0049733	.012998	.007107	.0094357	.0034353	4.7276
%RSD	1.224959	.7578446	.6860116	1.036847	.8777631	3.592543

#1	.4002665	1.700560	1.027861	.9060735	.3890130	126.1944
#2	.4085007	1.725557	1.041113	.9032297	.3897762	133.5998
#3	.4092157	1.719239	1.038938	.9208081	.3953078	134.9882

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7099543	.1156801	18.57271	.3024586	.4106392	3.621514
Stddev	.0215216	.0018922	.59370	.0040134	.0024536	.128233
%RSD	3.031401	1.635740	3.196629	1.326939	.5975199	3.540871

#1	.6857200	.1134956	17.90917	.2978266	.4078622	3.474856
#2	.7173068	.1167340	18.75525	.3046480	.4115415	3.677168
#3	.7268361	.1168107	19.05371	.3049012	.4125140	3.712517

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79814	.8208308	.0293660	.4767053	.3338067	13.20760
Stddev	.53979	.0096631	.0012019	.0141352	.0035878	.13982
%RSD	3.647703	1.177235	4.092669	2.965185	1.074814	1.058634

#1	14.17885	.8096866	.0279841	.4611276	.3298085	13.04992
#2	15.04665	.8268833	.0299461	.4802743	.3367455	13.25641
#3	15.16891	.8259225	.0301677	.4887138	.3348661	13.31647

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2951476	.2090874	1.397794	.6779500	4.347271	.1405721
Stddev	.0183730	.0009791	.017166	.0064283	.124642	.0051827
%RSD	6.225034	.4682621	1.228094	.9482023	2.867125	3.686901

#1	.2739491	.2085603	1.377984	.6706429	4.206979	.1345992
#2	.3050143	.2084849	1.407126	.6804728	4.389593	.1432361
#3	.3064794	.2102171	1.408273	.6827342	4.445241	.1438811



Sample Name: K5145-01MSD Acquired: 10/13/2019 15:59:20 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1667198	.2358378	6.148019	.8742661	F 502.1680	F 19.81533
Stddev	.0055157	.0004536	.140010	.0012915	13.7564	.51082
%RSD	3.308343	.1923246	2.277319	.1477233	2.739402	2.577901

#1	.1605627	.2360230	5.995776	.8729576	486.4203	19.24699
#2	.1683877	.2353210	6.271250	.8743010	508.2405	19.96283
#3	.1712090	.2361696	6.177031	.8755399	511.8432	20.23617

Elem	K_7664
Units	ppm
Avg	F 21.82851
Stddev	.51950
%RSD	2.379893

#1	21.24340
#2	22.00658
#3	22.23556

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4000.350	57444.42	13022.68	2634.808	1988.112
Stddev	16.067	473.76	77.95	21.581	12.743
%RSD	.4016381	.8247303	.5985830	.8190685	.6409638

#1	4016.133	57991.45	13108.39	2655.286	2002.793
#2	4000.903	57175.36	13003.62	2612.271	1979.914
#3	3984.014	57166.46	12956.03	2636.867	1981.630



Sample Name: K5145-01A Acquired: 10/13/2019 16:02:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4143611	1.727996	1.043739	.9197613	.3934478	136.0711
Stddev	.0015061	.005410	.011080	.0046956	.0012792	5.8677
%RSD	.3634636	.3130745	1.061544	.5105210	.3251161	4.312233

#1	.4144839	1.722944	1.037048	.9180267	.3921596	129.9256
#2	.4127974	1.733704	1.056528	.9161798	.3947177	136.6731
#3	.4158019	1.727340	1.037640	.9250774	.3934661	141.6146

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7274909	.1196462	19.11069	.2987936	.4136139	3.740006
Stddev	.0298010	.0023760	.81707	.0025367	.0005667	.156554
%RSD	4.096402	1.985864	4.275468	.8489710	.1370116	4.185928

#1	.6976508	.1171466	18.28158	.2983897	.4129925	3.575190
#2	.7275694	.1199165	19.13532	.3015080	.4141021	3.758105
#3	.7572526	.1218756	19.91517	.2964831	.4137473	3.886725

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.28179	.8254257	.0297461	.4907495	.3233292	13.32643
Stddev	.66659	.0020324	.0010790	.0217629	.0019348	.03113
%RSD	4.361992	.2462181	3.627514	4.434619	.5984144	.2335635

#1	14.58038	.8255344	.0286221	.4663989	.3236681	13.31646
#2	15.35798	.8274014	.0298425	.4975482	.3250722	13.36132
#3	15.90701	.8233411	.0307737	.5083015	.3212473	13.30151

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2835764	.2097195	1.411343	.6807124	4.430020	.1461057
Stddev	.0167658	.0007574	.009416	.0032216	.176235	.0073795
%RSD	5.912270	.3611339	.6671959	.4732675	3.978199	5.050819

#1	.2642613	.2097086	1.420337	.6775591	4.244002	.1382239
#2	.2943684	.2089677	1.412138	.6839982	4.451566	.1472422
#3	.2920996	.2104823	1.401554	.6805798	4.594491	.1528511



Sample Name: K5145-01A Acquired: 10/13/2019 16:02:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1722119	.2380752	6.136943	.8775102	F 507.7397	F 19.98039
Stddev	.0068800	.0005925	.144642	.0009292	14.6957	.55580
%RSD	3.995054	.2488922	2.356911	.1058852	2.894333	2.781746

#1	.1651345	.2383205	5.990239	.8769538	491.9214	19.38944
#2	.1726254	.2385057	6.141157	.8769939	510.3290	20.05907
#3	.1788758	.2373994	6.279432	.8785828	520.9686	20.49267

Elem	K_7664
Units	ppm
Avg	F 22.20454
Stddev	.53937
%RSD	2.429096

#1	21.68012
#2	22.17579
#3	22.75771

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4012.744	57960.35	12843.99	2686.978	1989.032
Stddev	15.869	199.48	195.00	29.274	2.100
%RSD	.3954534	.3441714	1.518223	1.089494	.1055953

#1	4000.683	58159.34	13037.45	2701.418	1986.607
#2	4030.721	57760.37	12847.06	2653.289	1990.224
#3	4006.828	57961.33	12647.48	2706.228	1990.265



Sample Name: K5213-09 Acquired: 10/13/2019 16:06:35 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: W-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1883183	-.149170	12.24861	-.034464	.0924024	113.4176
Stddev	.0027442	.002907	.03277	.001598	.0015103	2.2177
%RSD	1.457226	1.948528	.2675103	4.637570	1.634437	1.955313

#1	.1891643	-.151821	12.28593	-.032681	.0906913	111.2393
#2	.1905399	-.149628	12.22456	-.034946	.0935497	113.3409
#3	.1852507	-.146062	12.23535	-.035767	.0929661	115.6727

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918648	.0116850	F 1578.365	4.422011	.2486670	6.943499
Stddev	.068667	.0003397	32.446	.006608	.0011965	.125550
%RSD	1.396050	2.907174	2.055663	.1494309	.4811575	1.808164

#1	4.849061	.0114042	1555.060	4.416011	.2500269	6.817658
#2	4.920525	.0115881	1564.612	4.429093	.2481978	6.944084
#3	4.986357	.0120626	1615.422	4.420928	.2477762	7.068756

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	375.3616	1.180155	-.060074	.1756614	16.51184	8.157886
Stddev	8.7650	.002401	.001022	.0033084	.06445	.030137
%RSD	2.335069	.2034404	1.700856	1.883420	.3903365	.3694235

#1	366.5090	1.182927	-.061184	.1777197	16.53356	8.183938
#2	375.5395	1.178755	-.059173	.1774194	16.56262	8.164841
#3	384.0362	1.178783	-.059864	.1718451	16.43933	8.124880

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.153417	.1760817	363.1665	.1431033	2.710263	.2909607
Stddev	.032908	.0013516	1.4631	.0009831	.040549	.0062971
%RSD	21.45024	.7676205	.4028619	.6869501	1.496134	2.164234

#1	-.185339	.1773733	364.8416	.1435058	2.663934	.2839975
#2	-.119604	.1746771	362.5193	.1438211	2.727553	.2926288
#3	-.155307	.1761948	362.1387	.1419828	2.739300	.2962557



Sample Name: K5213-09 Acquired: 10/13/2019 16:06:35 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: W-1 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.754154	.4388285	F 92.76684	4.778004	F 692.2158	F 1082.494
Stddev	.109927	.0007757	3.33344	.007380	12.4138	32.064
%RSD	1.126976	.1767758	3.593349	.1544508	1.793347	2.962024

#1	9.681880	.4379486	88.98953	4.770076	677.8870	1045.471
#2	9.699923	.4394137	94.01460	4.784673	699.0351	1100.768
#3	9.880659	.4391232	95.29638	4.779262	699.7251	1101.243

Elem	K_7664
Units	ppm
Avg	F 212.9172
Stddev	2.7022
%RSD	1.269136

#1	209.8097
#2	214.7153
#3	214.2265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.161	21949.51	5714.970	986.2554	1505.354
Stddev	7.832	49.92	53.384	5.2283	6.558
%RSD	.5220909	.2274378	.9341034	.5301128	.4356283

#1	1491.139	21923.33	5718.094	983.8682	1498.017
#2	1505.222	21918.12	5766.723	982.6469	1507.403
#3	1504.120	22007.08	5660.093	992.2512	1510.643



Sample Name: K5266-08 Acquired: 10/13/2019 16:10:32 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190883-FIE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002318	-.003998	.0012923	.0021894	-.001069	.0072778	-.000157
Stddev	.003678	.001308	.0024006	.0035775	.003395	.0019552	.000343
%RSD	158.6517	32.70085	185.7559	163.4001	317.5612	26.86564	218.8519

#1	-.006555	-.002747	-.000708	.0020312	-.004549	.0052740	.000130
#2	-.000457	-.003892	.000630	-.001306	.002236	.0091805	-.000537
#3	.000057	-.005356	.003954	.005843	-.000895	.0073791	-.000064

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000228	.0403703	.0005947	.0003973	.0001088	.0240039	.0000569
Stddev	.000050	.0051642	.0009004	.0002187	.0004674	.0098748	.0011909
%RSD	21.95433	12.79198	151.4101	55.04406	429.5734	41.13811	2091.682

#1	-.000281	.0370711	.0015263	.0006431	-.000153	.0211579	-.000240
#2	-.000182	.0377181	-.000271	.0003243	.000648	.0349892	.001368
#3	-.000220	.0463216	.000529	.0002244	-.000169	.0158647	-.000957

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000787	.0032117	.0209037	-.002359	-.001085	.0001361	.0337031
Stddev	.000408	.0008098	.0003248	.002738	.000823	.0003633	.0072419
%RSD	51.83086	25.21563	1.553989	116.0544	75.83707	266.8320	21.48727

#1	-.000485	.0023548	.0205515	.000728	-.000140	.0005249	.0408391
#2	-.001251	.0039645	.0211915	-.003311	-.001468	-.000195	.0339105
#3	-.000626	.0033157	.0209683	-.004495	-.001646	.000078	.0263598

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001048	.0022606	.0049747	.0002316	-.000060	.4310390	.0006479
Stddev	.000566	.0003626	.0014180	.0001122	.000113	.2844955	.0005756
%RSD	53.97574	16.03856	28.50422	48.42587	190.2371	66.00226	88.84290

#1	-.001697	.0021853	.0041317	.0002055	-.000169	.3639507	.0006133
#2	-.000655	.0026549	.0066118	.0003546	-.000066	.7430828	.0000904
#3	-.000793	.0019416	.0041806	.0001348	.000057	.1860835	.0012400



Sample Name: K5266-08 Acquired: 10/13/2019 16:10:32 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190883-FIE Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0312183	.3522989	.0546596
Stddev	.0168594	.0323002	.0310321
%RSD	54.00494	9.168407	56.77350

#1	.0441706	.3185033	.0738989
#2	.0373286	.3828604	.0712196
#3	.0121557	.3555331	.0188601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.615	27449.26	6128.591	1242.677	1974.011
Stddev	26.039	60.24	142.616	4.582	26.139
%RSD	1.367891	.2194580	2.327063	.3687578	1.324146

#1	1933.663	27386.39	6067.562	1247.960	2004.178
#2	1889.522	27454.92	6026.645	1240.289	1959.771
#3	1887.659	27506.47	6291.567	1239.781	1958.085



Sample Name: K5297-03 Acquired: 10/13/2019 16:14:25 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: HH-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052989	-.006637	.1554195	.0585264	.0195857	6.686306
Stddev	.0020394	.002229	.0006551	.0047720	.0011644	.307634
%RSD	38.48687	33.57797	.4215029	8.153635	5.944913	4.600953

#1	.0034185	-.004665	.1552303	.0621703	.0209014	6.335193
#2	.0074668	-.006192	.1548798	.0602841	.0191678	6.908535
#3	.0050115	-.009055	.1561484	.0531249	.0186881	6.815189

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5181553	.0001701	188.7516	.0099357	.0045429	2.106456
Stddev	.0217720	.0001199	8.7074	.0001552	.0008293	.094660
%RSD	4.201822	70.48225	4.613140	1.561865	18.25440	4.493808

#1	.4934833	.0002969	178.8539	.0097566	.0036529	1.998887
#2	.5346731	.0001547	195.2317	.0100290	.0052939	2.177041
#3	.5263096	.0000586	192.1692	.0100215	.0046819	2.143439

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.83873	.0242510	-.002496	.0171562	.2053110	.7160254
Stddev	1.01551	.0002933	.000341	.0023749	.0014195	.0050253
%RSD	3.783752	1.209542	13.64554	13.84289	.6914107	.7018305

#1	25.67888	.0241716	-.002468	.0148666	.2069498	.7210801
#2	27.56806	.0240056	-.002850	.0196081	.2045170	.7159661
#3	27.26924	.0245759	-.002171	.0169939	.2044660	.7110301

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1940850	.0035027	13.62232	.0003574	.2165929	.0289369
Stddev	.0068887	.0005731	.04401	.0004943	.0070976	.0010486
%RSD	3.549342	16.36132	.3230935	138.2865	3.276936	3.623678

#1	.1865973	.0033861	13.67022	.0006295	.2085144	.0278331
#2	.1955039	.0029969	13.61308	.0006559	.2218280	.0290580
#3	.2001539	.0041252	13.58366	-.000213	.2194361	.0299197



Sample Name: K5297-03 Acquired: 10/13/2019 16:14:25 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: HH-WATER Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.283987	.0016946	F 19.33051	.0421096	F 17.27307	F 345.7474
Stddev	.054209	.0001873	.34012	.0003848	.31790	20.0412
%RSD	4.221951	11.05316	1.759519	.9136903	1.840462	5.796471

#1	1.222909	.0016367	18.95421	.0416917	16.98328	322.6094
#2	1.326388	.0015431	19.42128	.0424491	17.22283	356.9683
#3	1.302665	.0019041	19.61604	.0421882	17.61310	357.6646

Elem	K_7664
Units	ppm
Avg	F 12.11763
Stddev	.19025
%RSD	1.570023

#1	11.90251
#2	12.18666
#3	12.26373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.989	24561.09	5903.071	1127.461	1689.720
Stddev	4.717	37.22	163.599	4.374	5.136
%RSD	.2686124	.1515381	2.771429	.3879073	.3039504

#1	1758.798	24523.74	6080.425	1122.824	1690.214
#2	1750.543	24561.35	5758.056	1131.512	1684.355
#3	1758.625	24598.18	5870.734	1128.047	1694.591



Sample Name: K5297-03DUP Acquired: 10/13/2019 16:18:20 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: HH-WATERDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058582	-.003372	.1506149	.0572234	.0202184	6.845423
Stddev	.0022444	.002140	.0047517	.0044865	.0004656	.206622
%RSD	38.31178	63.45404	3.154868	7.840374	2.302850	3.018398

#1	.0048024	-.002765	.1452103	.0568548	.0206964	7.052516
#2	.0084358	-.001601	.1541364	.0618829	.0201924	6.639275
#3	.0043364	-.005750	.1524981	.0529325	.0197663	6.844478

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5285145	.0001039	192.0347	.0092445	.0048294	2.152830
Stddev	.0186151	.0001163	6.0719	.0005487	.0003379	.075196
%RSD	3.522151	111.9223	3.161856	5.934841	6.997468	3.492907

#1	.5477235	-.000029	197.9696	.0096869	.0051527	2.227649
#2	.5105565	.000187	185.8345	.0094160	.0048569	2.077262
#3	.5272637	.000154	192.2999	.0086306	.0044786	2.153579

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.37724	.0238560	-.002790	.0197916	.2015752	.7117406
Stddev	.87448	.0010707	.000610	.0063736	.0018822	.0056014
%RSD	3.194197	4.488267	21.87280	32.20337	.9337493	.7870057

#1	28.22343	.0249765	-.003011	.0160041	.2037485	.7114010
#2	26.47697	.0237484	-.002101	.0162206	.2004870	.7175041
#3	27.43134	.0228432	-.003260	.0271501	.2004899	.7063166

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1994212	.0038290	13.48144	-.001056	.2190877	.0290577
Stddev	.0093700	.0003450	.05387	.001262	.0055021	.0003951
%RSD	4.698616	9.010231	.3995670	119.4598	2.511370	1.359822

#1	.2100777	.0035913	13.49160	-.001489	.2245038	.0295053
#2	.1924719	.0036711	13.52950	.000365	.2135034	.0289105
#3	.1957141	.0042247	13.42321	-.002045	.2192559	.0287573



Sample Name: K5297-03DUP Acquired: 10/13/2019 16:18:20 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: HH-WATERDUP Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.307536	.0018145	F 18.99946	.0414758	F 16.99201	F 341.5229
Stddev	.042612	.0000871	.57766	.0003496	.59634	18.8874
%RSD	3.258971	4.801201	3.040407	.8428857	3.509508	5.530335
#1	1.349687	.0017317	18.33466	.0412934	16.30600	320.2834
#2	1.264477	.0019054	19.28474	.0412551	17.28340	347.8537
#3	1.308443	.0018063	19.37899	.0418788	17.38662	356.4316

Elem	K_7664
Units	ppm
Avg	F 11.91746
Stddev	.42300
%RSD	3.549405
#1	11.43687
#2	12.08222
#3	12.23329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.494	24579.82	5703.123	1137.868	1699.080
Stddev	10.236	97.58	329.243	7.027	13.487
%RSD	.5787988	.3969930	5.773032	.6175708	.7937698
#1	1770.709	24481.68	5328.929	1131.202	1700.729
#2	1757.332	24676.83	5948.403	1137.196	1684.845
#3	1777.441	24580.94	5832.036	1145.208	1711.667



Sample Name: K5297-03LX5 Acquired: 10/13/2019 16:22:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004630	-.001350	.0296998	.0287689	.0090395	1.324672
Stddev	.004819	.002392	.0018345	.0004666	.0014307	.040142
%RSD	104.0868	177.2080	6.176844	1.622074	15.82704	3.030314

#1	-.002751	-.004074	.0304484	.0282467	.0104219	1.279181
#2	-.010105	.000408	.0276094	.0291450	.0075650	1.339716
#3	-.001033	-.000383	.0310416	.0289151	.0091316	1.355118

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1036286	-.000010	38.01534	.0015682	.0009838	.4274226
Stddev	.0043991	.000104	1.46720	.0002340	.0003097	.0151558
%RSD	4.245070	995.3159	3.859503	14.91943	31.48284	3.545847

#1	.0985530	-.000112	36.32985	.0017696	.0013169	.4099246
#2	.1063407	-.000015	38.70967	.0016233	.0009303	.4364207
#3	.1059922	.000096	39.00650	.0013116	.0007043	.4359226

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.445158	.0057902	-.000784	.0011965	.0398691	.1379388
Stddev	.196535	.0003494	.000806	.0030947	.0004193	.0035565
%RSD	3.609348	6.034864	102.9107	258.6389	1.051773	2.578305

#1	5.218222	.0054947	-.000821	.0004776	.0403316	.1409359
#2	5.559595	.0056999	-.001571	.0045874	.0397619	.1340088
#3	5.557658	.0061758	.000041	-.001475	.0395137	.1388716

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370197	-.001101	2.571197	-.002156	.0456581	.0081692
Stddev	.0013952	.000297	.010525	.000423	.0025182	.0016897
%RSD	3.768742	26.92223	.4093577	19.60773	5.515277	20.68356

#1	.0356737	-.000969	2.571187	-.001730	.0431709	.0066427
#2	.0384594	-.000894	2.560676	-.002575	.0482061	.0078802
#3	.0369261	-.001441	2.581727	-.002164	.0455974	.0099848



Sample Name: K5297-03LX5 Acquired: 10/13/2019 16:22:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2565889	.0005058	3.967218	.0100636	3.585031	F 72.69073
Stddev	.0098629	.0000690	.160421	.0003074	.123731	2.39439
%RSD	3.843846	13.64965	4.043656	3.054896	3.451330	3.293939

#1	.2452956	.0004271	3.797292	.0097798	3.444153	69.99572
#2	.2609616	.0005560	3.988315	.0103902	3.634870	73.50361
#3	.2635094	.0005342	4.116046	.0100209	3.676071	74.57284

Elem	K_7664
Units	ppm
Avg	2.412648
Stddev	.120973
%RSD	5.014100

#1	2.276701
#2	2.452815
#3	2.508428

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.750	27022.08	6108.195	1258.944	1936.947
Stddev	8.488	49.12	45.962	8.528	.788
%RSD	.4437699	.1817792	.7524717	.6773657	.0406681

#1	1904.689	27027.78	6146.000	1255.377	1936.370
#2	1911.951	27068.11	6057.034	1268.676	1936.627
#3	1921.609	26970.36	6121.553	1252.779	1937.845



Sample Name: K5297-03MS Acquired: 10/13/2019 16:26:07 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: HH-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7686833	1.820056	1.057470	1.889740	.8025351	9.228696
Stddev	.0060161	.005242	.005750	.006770	.0080873	.469306
%RSD	.7826521	.2880319	.5437061	.3582451	1.007713	5.085294

#1	.7675407	1.817284	1.063151	1.884998	.7973509	8.724784
#2	.7751888	1.816782	1.051654	1.886729	.7984006	9.308015
#3	.7633205	1.826102	1.057603	1.897493	.8118538	9.653288

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6713359	.1859241	178.1470	.3907445	.1963469	2.190346
Stddev	.0297005	.0052453	8.5535	.0005240	.0009054	.106231
%RSD	4.424087	2.821196	4.801396	.1341061	.4611209	4.849944

#1	.6398360	.1802177	168.9836	.3902035	.1967352	2.077217
#2	.6753411	.1870193	179.5369	.3907803	.1953121	2.205847
#3	.6988305	.1905354	185.9205	.3912497	.1969934	2.287974

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.23176	.4957945	.0682399	.2999949	.3663938	6.858655
Stddev	1.39968	.0021056	.0004567	.0184334	.0008496	.009411
%RSD	5.139878	.4246870	.6692964	6.144576	.2318708	.1372167

#1	25.80028	.4961011	.0682136	.2787985	.3654726	6.866657
#2	27.29767	.4935524	.0677968	.3089125	.3671464	6.848287
#3	28.59731	.4977300	.0687092	.3122737	.3665623	6.861022

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4489246	.4127241	13.13038	.6914418	.3986642	.2212762
Stddev	.0151480	.0017924	.00773	.0011170	.0193138	.0107948
%RSD	3.374294	.4342933	.0588388	.1615396	4.844640	4.878435

#1	.4325165	.4113206	13.13401	.6927287	.3778745	.2096160
#2	.4518805	.4121085	13.13563	.6907243	.4020686	.2232907
#3	.4623768	.4147432	13.12151	.6908723	.4160495	.2309218



Sample Name: K5297-03MS Acquired: 10/13/2019 16:26:07 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: HH-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.403110	.1659333	F 20.80963	.2936945	F 19.36378	F 339.0390
Stddev	.064271	.0012295	.60173	.0018352	.44628	16.1858
%RSD	4.580610	.7409703	2.891601	.6248732	2.304735	4.774012

#1	1.335359	.1651872	20.18847	.2918329	18.91748	320.4176
#2	1.410755	.1652603	20.85059	.2937484	19.36381	346.9671
#3	1.463217	.1673524	21.38984	.2955022	19.81004	349.7324

Elem	K_7664
Units	ppm
Avg	F 21.69492
Stddev	.31672
%RSD	1.459893

#1	21.35498
#2	21.74806
#3	21.98171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.492	25009.13	6067.228	1153.685	1695.517
Stddev	4.256	81.47	163.517	4.926	6.588
%RSD	.2411763	.3257654	2.695089	.4270053	.3885623

#1	1759.898	24915.62	6246.360	1150.340	1688.818
#2	1765.277	25064.79	6029.350	1151.374	1695.744
#3	1768.300	25046.99	5925.974	1159.342	1701.988



Sample Name: K5297-03MSD Acquired: 10/13/2019 16:29:56 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: HH-WATERMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .7631903	k 1.819328	1.059739	1.884807	k .7980000	9.149394
Stddev	.0025583	.015918	.003628	.006503	.0019629	.500589
%RSD	.3352157	.8749379	.3423151	.3450120	.2459796	5.471281

#1	.7611505	1.833251	1.057703	1.888045	.8002474	8.585183
#2	.7623597	1.822758	1.057587	1.877321	.7966216	9.540307
#3	k .7660608	k 1.801974	1.063927	1.889055	k .7971310	9.322692

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6680417	.1849657	176.9534	s .4091067	.1958734	2.166504
Stddev	.0330011	.0071107	9.1719	.0208847	.0003833	.109698
%RSD	4.939976	3.844336	5.183205	5.104945	.1957059	5.063363

#1	.6312037	.1786428	166.5677	.3926447	.1960603	2.042722
#2	.6949043	.1926635	183.9424	.4020759	.1961273	2.251678
#3	.6780170	.1835909	180.3501	s .4325994	.1954324	2.205112

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.07965	.4963405	s .0716584	k .3005616	.3618318	k 6.852340
Stddev	1.53269	.0024986	.0042951	.0165070	.0178674	.007461
%RSD	5.659941	.5033969	5.993899	5.492042	4.938044	.1088863

#1	25.33490	.4992126	.0679216	.2819498	.3680823	6.851345
#2	28.20898	.4951419	.0707028	.3134286	.3757343	6.860249
#3	27.69507	.4946671	s .0763509	k .3063065	.3416789	k 6.845426

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .4485285	.4117041	13.08092	.6928727	.3960632	.2213708
Stddev	.0158876	.0008579	.01330	.0013737	.0194583	.0124728
%RSD	3.542159	.2083849	.1016506	.1982610	4.912929	5.634350

#1	.4307747	.4121366	13.09606	.6944243	.3737940	.2072371
#2	.4614078	.4107160	13.07115	.6918115	.4097840	.2308354
#3	k .4534028	.4122597	13.07555	.6923824	.4046115	.2260400



Sample Name: K5297-03MSD Acquired: 10/13/2019 16:29:56 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: HH-WATERMSD Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.392942	.1651801	F 20.83460	.2922142	F 19.41800	F 329.3255
Stddev	.068404	.0000969	.52377	.0005499	.54124	20.1608
%RSD	4.910726	.0586749	2.513951	.1881716	2.787298	6.121833

#1	1.315514	.1652104	20.24130	.2916792	18.81860	306.2160
#2	1.445173	.1650716	21.02962	.2921856	19.56447	343.3135
#3	1.418139	.1652582	21.23289	.2927779	19.87093	338.4469

Elem	K_7664
Units	ppm
Avg	F 21.61064
Stddev	.39745
%RSD	1.839117

#1	21.19938
#2	21.63990
#3	21.99265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.803	^ *****	6070.029	1173.127	1688.746
Stddev	2.521	-----	194.298	56.139	3.387
%RSD	.1430114	-----	3.200934	4.785398	.2005743

#1	1760.098	25054.51	6270.650	1148.154	1685.115
#2	1763.224	24481.39	5882.742	1133.807	1689.305
#3	1765.087	^ -----	6056.693	1237.419	1691.820



Sample Name: CCV05 Acquired: 10/13/2019 16:33:45 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.967071	4.939667	4.911967	5.013850	4.981571	9.988251
Stddev	.154405	.147154	.145453	.140682	.147040	.387527
%RSD	3.108563	2.979019	2.961206	2.805864	2.951688	3.879826

#1	5.135790	5.097793	5.070272	5.163422	5.140530	9.543306
#2	4.832801	4.806741	4.784221	4.884177	4.850420	10.16956
#3	4.932621	4.914466	4.881409	4.993950	4.953764	10.25189

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.830549	.2546143	24.64616	.9973087	2.469941	2.483738
Stddev	.376031	.0035355	.88528	.0047405	.080625	.094307
%RSD	3.825126	1.388580	3.591954	.4753253	3.264254	3.796959

#1	9.403600	.2505499	23.63234	.9988645	2.557670	2.376213
#2	9.975574	.2569785	25.03967	.9919859	2.399093	2.522587
#3	10.11247	.2563146	25.26645	1.001076	2.453058	2.552415

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.95154	2.478052	1.239467	2.434485	2.432287	5.141229
Stddev	.86609	.078794	.002783	.085427	.016414	.164316
%RSD	3.471102	3.179664	.2245690	3.509048	.6748439	3.196051

#1	23.95147	2.562016	1.242663	2.336578	2.435364	5.317204
#2	25.45518	2.405722	1.238163	2.473021	2.414552	4.991805
#3	25.44796	2.466417	1.237574	2.493855	2.446945	5.114678

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.045937	5.082834	4.905935	4.931117	4.865468	4.885929
Stddev	.063782	.151942	.153405	.145301	.165963	.191789
%RSD	1.264021	2.989314	3.126928	2.946604	3.411035	3.925329

#1	4.972502	5.247364	5.074002	5.087532	4.674673	4.667829
#2	5.077799	4.947807	4.773442	4.800345	4.945331	4.961702
#3	5.087511	5.053332	4.870362	4.905475	4.976402	5.028255



Sample Name: CCV05 Acquired: 10/13/2019 16:33:45 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.966754	F 2.531685	5.159604	1.265266	5.055680	24.50583
Stddev	.187287	.012350	.173892	.006149	.134033	.76816
%RSD	3.770818	.4878191	3.370262	.4859991	2.651130	3.134584

#1	4.752275	2.544754	4.977501	1.271707	4.911281	23.64701
#2	5.050003	2.520209	5.177394	1.259457	5.079647	24.74320
#3	5.097985	2.530091	5.323918	1.264634	5.176112	25.12729

Elem	K_7664
Units	ppm
Avg	F 25.24559
Stddev	.84825
%RSD	3.359981

#1	24.28197
#2	25.57546
#3	25.87936

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.098	27131.58	6137.749	1244.228	1864.490
Stddev	45.904	14.04	64.660	5.641	47.178
%RSD	2.428669	.0517313	1.053474	.4533393	2.530323

#1	1841.261	27136.89	6212.351	1241.511	1813.533
#2	1932.360	27142.19	6097.830	1250.712	1906.651
#3	1896.672	27115.67	6103.067	1240.459	1873.285



Sample Name: CCB05 Acquired: 10/13/2019 16:37:17 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000214	.0036832	-.000255	.0007353	-.000301	.0016463	.0001504
Stddev	.002576	.0011998	.000582	.0042788	.001716	.0016808	.0005088
%RSD	1205.433	32.57545	228.2308	581.8997	570.4083	102.0968	338.3103

#1	-.001737	.0027617	.000131	.0039136	.001630	.0024157	.0000818
#2	-.001665	.0032479	-.000925	-.004130	-.000880	.0028047	.0006901
#3	.002761	.0050399	.000028	.002422	-.001652	-.000282	-.000321

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0001641	-.000113	.0003780	-.000064	.0118768	.0002801
Stddev	.000124	.0024204	.000505	.0002062	.000531	.0190451	.0002037
%RSD	683.8510	1475.401	448.5144	54.54720	828.6233	160.3553	72.73519

#1	-.000079	.0021133	-.000597	.0001484	-.000119	-.007299	.0000453
#2	-.000100	.0009240	-.000152	.0005473	-.000566	.012140	.0004105
#3	.000125	-.002545	.000411	.0004384	.000493	.030789	.0003844

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000829	.0020070	-.000457	-.004403	.0005216	.0017165	-.001535
Stddev	.000389	.0070107	.000758	.001008	.0021685	.0010016	.004540
%RSD	46.88943	349.3100	165.7485	22.88516	415.7436	58.35068	295.7687

#1	-.000719	-.005842	.000393	-.003241	.0026969	.0027471	.003633
#2	-.000508	.007646	-.001061	-.004929	.0005078	.0016558	-.004883
#3	-.001262	.004217	-.000704	-.005038	-.001640	.0007467	-.003355

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000644	.0017714	.0023708	.0000309	-.000062	.0134572	.0010191
Stddev	.000679	.0012538	.0002211	.0001264	.000170	.0100264	.0000121
%RSD	105.4368	70.77536	9.325409	409.0644	275.1706	74.50612	1.186906

#1	-.000841	.0027760	.0021171	-.000038	.000023	.0096321	.0010322
#2	-.001204	.0021720	.0024734	.000177	-.000257	.0248331	.0010083
#3	.000112	.0003664	.0025220	-.000046	.000049	.0059064	.0010169



Sample Name: CCB05 Acquired: 10/13/2019 16:37:17 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.009708	.1107419	-.009932
Stddev	.008471	.0239122	.021142
%RSD	87.25314	21.59270	212.8657

#1	-.000658	.0839870	-.025438
#2	-.017447	.1182097	.014151
#3	-.011020	.1300290	-.018509

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.217	28021.36	6142.030	1285.422	2022.398
Stddev	33.186	44.00	62.808	7.993	35.267
%RSD	1.727350	.1570249	1.022600	.6218378	1.743799

#1	1882.900	28000.96	6208.608	1294.592	1981.718
#2	1939.942	27991.27	6133.648	1281.742	2041.116
#3	1940.809	28071.86	6083.833	1279.931	2044.358



Sample Name: K5297-03A Acquired: 10/13/2019 16:41:11 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .7566174	k 1.808121	1.048536	1.869495	k .7921340	9.280168
Stddev	.0032034	.007986	.005248	.003486	.0014734	.228535
%RSD	.4233851	.4416787	.5005404	.1864851	.1860052	2.462613

#1	k .7538834	k 1.798994	1.051488	1.868459	k .7926793	9.085349
#2	.7558268	1.811543	1.042476	1.873382	.7904657	9.223428
#3	.7601421	1.813826	1.051643	1.866644	.7932571	9.531727

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6835908	.1881928	179.7702	s .4109743	.1949751	2.186008
Stddev	.0127162	.0026813	4.0579	.0203860	.0003853	.044650
%RSD	1.860212	1.424761	2.257290	4.960418	.1976179	2.042527

#1	.6734674	.1883064	176.3348	s .4344612	.1945381	2.150996
#2	.6794417	.1854565	178.7283	.3978650	.1951212	2.170737
#3	.6978634	.1908155	184.2475	.4005968	.1952660	2.236289

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.47286	.4921420	s .0708540	k .3021427	.3630200	k 6.796797
Stddev	.60060	.0026964	.0049863	.0096609	.0192441	.012632
%RSD	2.186140	.5478803	7.037381	3.197457	5.301108	.1858459

#1	27.02669	.4897819	s .0766116	k .2958776	.3408687	k 6.792852
#2	27.23613	.4915635	.0679835	.2972819	.3756206	6.810930
#3	28.15574	.4950807	.0679668	.3132686	.3725707	6.786608

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .4588123	.4099052	12.84959	.6899136	.4136290	.2238336
Stddev	.0047918	.0010075	.01253	.0037012	.0091792	.0057510
%RSD	1.044393	.2457837	.0975289	.5364741	2.219189	2.569312

#1	k .4633632	.4104053	12.86091	.6892182	.4051819	.2173151
#2	.4538114	.4087455	12.83612	.6939132	.4123080	.2259947
#3	.4592624	.4105647	12.85175	.6866094	.4233972	.2281910



Sample Name: K5297-03A Acquired: 10/13/2019 16:41:11 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.411722	.1631852	F 20.90700	.2903854	F 19.03377	F 330.6936
Stddev	.027786	.0009408	.65673	.0003309	.61776	20.7878
%RSD	1.968227	.5765210	3.141210	.1139376	3.245614	6.286115
#1	1.390320	.1626160	20.16249	.2901438	18.32427	307.0774
#2	1.401722	.1626684	21.15444	.2907625	19.32459	338.7818
#3	1.443124	.1642711	21.40406	.2902500	19.45245	346.2217

Elem	K_7664
Units	ppm
Avg	F 21.18513
Stddev	.56372
%RSD	2.660922
#1	20.53486
#2	21.48490
#3	21.53563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.603	^ *****	5853.789	1168.605	1688.103
Stddev	3.764	-----	82.184	51.904	5.300
%RSD	.2143926	-----	1.403945	4.441516	.3139691
#1	1753.709	^ -----	5779.933	1228.396	1687.432
#2	1753.163	24659.75	5942.323	1142.286	1683.171
#3	1759.938	24672.50	5839.111	1135.133	1693.707



Sample Name: K5285-04 Acquired: 10/13/2019 16:45:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001654	.0034512	-.000012	.0038685	-.000321	.0132644
Stddev	.001621	.0024897	.001262	.0010986	.000581	.0043274
%RSD	97.98128	72.14105	10923.75	28.39742	181.2208	32.62412

#1	-.003150	.0020467	-.000042	.0032051	-.000538	.0124282
#2	-.001880	.0019811	-.001258	.0032639	.000338	.0179489
#3	.000068	.0063259	.001266	.0051366	-.000762	.0094162

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1625563	.0000068	1.184222	-.000269	-.000016	.0035721
Stddev	.0036201	.0000585	.019929	.000193	.000326	.0007175
%RSD	2.226986	865.7646	1.682892	71.80754	2071.167	20.08489

#1	.1585461	-.000043	1.161577	-.000049	-.000194	.0044005
#2	.1635399	-.000007	1.199093	-.000346	-.000214	.0031481
#3	.1655831	.000071	1.191995	-.000413	.000360	.0031678

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1710165	.0013620	-.000029	-.002316	.1039715	.0030610
Stddev	.0254739	.0008059	.000109	.001344	.0004278	.0027942
%RSD	14.89557	59.16868	374.1248	58.02970	.4114964	91.28486

#1	.1508129	.0022486	-.000148	-.003851	.1042990	.0005818
#2	.1626040	.0006738	-.000007	-.001744	.1041280	.0060888
#3	.1996326	.0011637	.000067	-.001352	.1034874	.0025124

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322565	-.000471	.5134426	-.000345	.0012001	.0030228
Stddev	.0001058	.000080	.0072681	.000892	.0009997	.0007707
%RSD	.3279289	17.07353	1.415569	258.5683	83.30372	25.49459

#1	.0321761	-.000485	.5059146	-.000487	.0002698	.0029752
#2	.0322170	-.000385	.5204195	.000609	.0022571	.0022771
#3	.0323763	-.000544	.5139936	-.001158	.0010733	.0038162



Sample Name: K5285-04 Acquired: 10/13/2019 16:45:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085912	.0000802	.1287423	.0013924	-.003081	F 138.0631
Stddev	.0002125	.0002418	.0130689	.0005435	.003968	2.4187
%RSD	2.473251	301.4500	10.15119	39.03733	128.8022	1.751854

#1	.0083492	.0003594	.1258834	.0010337	.001499	135.3544
#2	.0086775	-.000061	.1173395	.0011257	-.005488	138.8280
#3	.0087470	-.000058	.1430039	.0020178	-.005254	140.0068

Elem	K_7664
Units	ppm
Avg	.2510825
Stddev	.0290833
%RSD	11.58315

#1	.2178769
#2	.2720300
#3	.2633406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.857	27165.44	6204.471	1271.657	1937.790
Stddev	3.283	49.75	15.723	5.309	2.886
%RSD	.1705695	.1831480	.2534173	.4174818	.1489406

#1	1923.029	27222.42	6221.532	1268.039	1934.497
#2	1922.895	27130.60	6201.315	1269.179	1939.879
#3	1928.648	27143.30	6190.564	1277.751	1938.995



Sample Name: K5285-08 Acquired: 10/13/2019 16:48:57 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001234	.0037597	-.000749	.0028730	.0008090	.0129908
Stddev	.006064	.0018655	.002670	.0045639	.0026350	.0132943
%RSD	491.5005	49.61682	356.6468	158.8528	325.7264	102.3364

#1	.004894	.0021935	-.000538	.0070029	-.002147	-.001834
#2	-.001363	.0032622	-.003518	.0036430	.002912	.016951
#3	-.007232	.0058235	.001810	-.002027	.001661	.023855

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1637040	-.000007	1.708423	-.000236	.0003658	.0040401
Stddev	.0057363	.000112	.062010	.000170	.0005378	.0002354
%RSD	3.504057	1680.985	3.629685	71.96701	147.0012	5.826466

#1	.1570843	-.000096	1.638128	-.000432	-.000246	.0042831
#2	.1668133	.000119	1.755370	-.000157	.000577	.0038132
#3	.1672143	-.000044	1.731771	-.000121	.000766	.0040239

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2638002	.0011345	-.000393	.0011780	.0819411	.0040067
Stddev	.0167429	.0003552	.000553	.0009993	.0012902	.0024975
%RSD	6.346818	31.30629	140.6795	84.83475	1.574578	62.33373

#1	.2651029	.0008399	.000153	.0000392	.0830478	.0050536
#2	.2464440	.0015288	-.000379	.0019090	.0805240	.0058103
#3	.2798538	.0010347	-.000953	.0015857	.0822517	.0011561

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253574	-.000583	.3944599	-.001824	.0003986	.0022251
Stddev	.0018910	.000173	.0052906	.000224	.0012042	.0004403
%RSD	7.457182	29.74648	1.341218	12.27915	302.1399	19.78617

#1	.0234624	-.000435	.3987046	-.001599	.0014337	.0018053
#2	.0253655	-.000774	.3961425	-.001826	.0006852	.0021868
#3	.0272443	-.000540	.3885327	-.002046	-.000923	.0026833



Sample Name: K5285-08 Acquired: 10/13/2019 16:48:57 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106719	.0000365	.0950830	.0021956	-.000530	F 132.1426
Stddev	.0003753	.0001251	.0097432	.0004031	.005448	3.4045
%RSD	3.517113	342.5938	10.24706	18.36047	1028.251	2.576346

#1	.0102410	.0001409	.0923060	.0024742	.000483	128.4210
#2	.0109279	.0000707	.0870298	.0017334	-.006413	132.9067
#3	.0108468	-.000102	.1059133	.0023792	.004341	135.1001

Elem	K_7664
Units	ppm
Avg	.2314188
Stddev	.0293241
%RSD	12.67143

#1	.1981617
#2	.2425359
#3	.2535588

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.531	27460.52	6228.803	1282.413	1929.863
Stddev	8.723	464.32	89.236	18.308	9.435
%RSD	.4527858	1.690852	1.432636	1.427588	.4888842

#1	1919.599	27246.32	6330.827	1271.906	1921.506
#2	1936.326	27993.28	6165.285	1303.553	1940.094
#3	1923.669	27141.98	6190.297	1271.780	1927.988



Sample Name: K5285-16 Acquired: 10/13/2019 16:52:50 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001921	.0015125	-.001961	.0029900	-.000302	.1199344
Stddev	.002162	.0022130	.000525	.0050748	.000771	.0149934
%RSD	112.5048	146.3175	26.77322	169.7242	254.9106	12.50135

#1	.000476	.0003945	-.001663	.0074137	-.001132	.1293315
#2	-.002519	.0000815	-.001653	.0041065	.000391	.1026432
#3	-.003721	.0040615	-.002567	-.002550	-.000166	.1278283

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1661883	.0000298	2.374070	-.000498	.0009680	.1605278
Stddev	.0070579	.0000835	.100138	.000454	.0002603	.0048519
%RSD	4.246934	280.3571	4.217988	91.23606	26.89309	3.022464

#1	.1581724	.0001225	2.268861	-.000669	.0011646	.1550392
#2	.1689220	.0000065	2.385129	.000017	.0010667	.1622990
#3	.1714704	-.000040	2.468219	-.000841	.0006728	.1642453

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2705130	.0019303	-.000889	.0017644	.0862659	-.002058
Stddev	.0034374	.0001111	.000196	.0007712	.0003304	.002210
%RSD	1.270706	5.754074	21.99207	43.71080	.3829842	107.4047

#1	.2717940	.0018318	-.000696	.0023943	.0863262	-.004600
#2	.2666190	.0019084	-.000885	.0019947	.0859095	-.000599
#3	.2731259	.0020507	-.001087	.0009043	.0865619	-.000974

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188004	-.001115	.3041095	-.001096	.0023437	.0035554
Stddev	.0015166	.000349	.0028509	.000645	.0005693	.0020398
%RSD	8.066923	31.28339	.9374457	58.86761	24.29151	57.37033

#1	.0171353	-.001362	.3009533	-.000810	.0017930	.0056509
#2	.0201027	-.001268	.3048777	-.001835	.0023083	.0015763
#3	.0191632	-.000716	.3064976	-.000643	.0029300	.0034391



Sample Name: K5285-16 Acquired: 10/13/2019 16:52:50 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153923	.0002238	.5295645	.0018678	.2557142	F 131.3437
Stddev	.0004831	.0002002	.0140975	.0001004	.0083187	3.7090
%RSD	3.138513	89.43171	2.662097	5.374747	3.253112	2.823922

#1	.0148790	.0004545	.5235990	.0019796	.2477154	127.0616
#2	.0154598	.0001217	.5194304	.0018383	.2551076	133.5569
#3	.0158380	.0000953	.5456640	.0017855	.2643195	133.4124

Elem	K_7664
Units	ppm
Avg	.3324487
Stddev	.0613681
%RSD	18.45943

#1	.3070463
#2	.2878603
#3	.4024393

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.451	27237.72	6245.678	1269.490	1924.539
Stddev	6.233	53.74	65.726	4.969	9.206
%RSD	.3257626	.1973166	1.052344	.3914434	.4783636

#1	1920.263	27239.92	6303.154	1270.615	1934.461
#2	1912.058	27290.33	6259.863	1273.801	1922.882
#3	1908.032	27182.91	6174.018	1264.055	1916.274



Sample Name: K5285-16DUP Acquired: 10/13/2019 16:56:44 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003688	.0024645	-.001202	.0054126	.0006999	.1172300
Stddev	.002104	.0027326	.001170	.0014854	.0025609	.0083148
%RSD	57.03351	110.8772	97.29681	27.44409	365.8702	7.092751

#1	-.002840	.0044065	-.000867	.0045111	-.002255	.1116560
#2	-.006083	.0036473	-.002503	.0045996	.002069	.1132469
#3	-.002141	-.000660	-.000237	.0071271	.002285	.1267871

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1609988	-.000006	2.298034	-.000270	.0009401	.1542300
Stddev	.0065524	.000096	.076096	.000545	.0002614	.0059177
%RSD	4.069853	1493.015	3.311343	202.1338	27.80330	3.836958

#1	.1537430	.000065	2.210804	-.000739	.0009902	.1475121
#2	.1627697	-.000116	2.332496	.000328	.0011727	.1565065
#3	.1664838	.000031	2.350802	-.000397	.0006572	.1586714

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2612900	.0017767	-.000392	-.004971	.0839701	-.005334
Stddev	.0061555	.0004001	.000521	.004768	.0007447	.000916
%RSD	2.355806	22.51718	132.6845	95.92370	.8868656	17.17173

#1	.2542743	.0013796	.000203	-.003504	.0842712	-.006034
#2	.2638105	.0017709	-.000761	-.001108	.0831220	-.004297
#3	.2657852	.0021797	-.000619	-.010300	.0845171	-.005671

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180034	-.000834	.2874966	-.001778	.0022582	.0015141
Stddev	.0010362	.000275	.0037337	.000637	.0007080	.0015128
%RSD	5.755422	32.92271	1.298692	35.83381	31.35144	99.91296

#1	.0186272	-.000732	.2870849	-.002289	.0021602	-.000165
#2	.0168073	-.001145	.2839858	-.001981	.0016043	.002770
#3	.0185757	-.000625	.2914191	-.001064	.0030100	.001938



Sample Name: K5285-16DUP Acquired: 10/13/2019 16:56:44 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147203	-.000016	.4704852	.0016421	.2407981	F 124.5390
Stddev	.0005230	.000204	.0029784	.0004887	.0129644	3.1832
%RSD	3.552631	1293.565	.6330423	29.75825	5.383927	2.556000

#1	.0141259	-.000145	.4728713	.0021982	.2312017	120.9874
#2	.0149254	-.000121	.4671473	.0012812	.2555465	125.4950
#3	.0151097	.000219	.4714372	.0014469	.2356461	127.1347

Elem	K_7664
Units	ppm
Avg	.3118682
Stddev	.0078699
%RSD	2.523457

#1	.3207582
#2	.3057922
#3	.3090541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.226	26862.97	6118.324	1256.263	1928.763
Stddev	4.663	103.50	68.528	3.725	1.440
%RSD	.2437118	.3852754	1.120049	.2965326	.0746573

#1	1907.915	26762.95	6196.482	1255.649	1928.209
#2	1916.647	26856.36	6089.949	1260.258	1930.397
#3	1915.117	26969.62	6068.540	1252.884	1927.681



Sample Name: K5285-16LX5 Acquired: 10/13/2019 17:00:38 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000373	.0019748	-.000886	-.001683	.0008810	.0294015
Stddev	.004052	.0034310	.001054	.001001	.0023984	.0083846
%RSD	1086.055	173.7401	118.9050	59.49498	272.2537	28.51755

#1	.004075	-.000678	-.001175	-.002222	.0030749	.0371222
#2	-.003854	.005850	-.001766	-.000527	.0012476	.0204820
#3	-.001340	.000752	.000282	-.002298	-.001680	.0306004

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342777	-.000138	.4888166	-.000207	.0004611	.0317419
Stddev	.0004515	.000114	.0124090	.000625	.0001654	.0010665
%RSD	1.317055	82.41499	2.538587	302.0306	35.87094	3.359961

#1	.0340512	-.000267	.4745502	-.000371	.0006390	.0305767
#2	.0339842	-.000097	.4947939	-.000733	.0004321	.0319792
#3	.0347975	-.000051	.4971057	.000484	.0003121	.0326697

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693503	.0006887	-.000808	-.000384	.0167808	-.001748
Stddev	.0431296	.0003745	.000223	.005937	.0005283	.000618
%RSD	62.19085	54.37839	27.53107	1545.791	3.148099	35.35127

#1	.0589400	.0003751	-.001059	.006426	.0164205	-.001488
#2	.0323787	.0005877	-.000634	-.004466	.0173872	-.002454
#3	.1167322	.0011034	-.000732	-.003113	.0165346	-.001303

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001401	-.000373	.0580199	-.002565	.0022635	.0031065
Stddev	.001513	.000236	.0027397	.001165	.0012712	.0014298
%RSD	107.9652	63.36357	4.721942	45.41433	56.15908	46.02545

#1	-.000117	-.000608	.0560304	-.002117	.0034828	.0015373
#2	-.003069	-.000136	.0568845	-.003887	.0009461	.0034466
#3	-.001017	-.000375	.0611447	-.001690	.0023617	.0043355



Sample Name: K5285-16LX5 Acquired: 10/13/2019 17:00:38 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031062	-.000122	.0969173	.0009181	.0432309	F 25.88937
Stddev	.0001405	.000132	.0091723	.0002423	.0079606	.75589
%RSD	4.524274	108.3246	9.464014	26.39517	18.41403	2.919699

#1	.0029440	.000008	.1038289	.0007851	.0349805	25.04068
#2	.0031821	-.000117	.0865115	.0007714	.0438465	26.13719
#3	.0031924	-.000256	.1004116	.0011979	.0508659	26.49025

Elem	K_7664
Units	ppm
Avg	.0317053
Stddev	.0450132
%RSD	141.9741

#1	.0073284
#2	.0836494
#3	.0041380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.855	27677.23	6080.262	1281.510	2016.847
Stddev	5.988	98.10	54.993	3.935	7.308
%RSD	.3093129	.3544485	.9044575	.3070664	.3623655

#1	1929.611	27566.04	6133.715	1281.438	2009.576
#2	1936.406	27714.09	6023.847	1277.612	2016.771
#3	1941.548	27751.57	6083.225	1285.481	2024.193



Sample Name: K5285-16MS Acquired: 10/13/2019 17:04:31 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7771371	1.950837	.9449740	1.988450	.7670565	2.149979
Stddev	.0057039	.016218	.0057495	.010435	.0101557	.083697
%RSD	.7339596	.8313351	.6084333	.5247580	1.323980	3.892933

#1	.7707142	1.932251	.9383907	1.979658	.7570755	2.054657
#2	.7790859	1.958142	.9475221	1.985712	.7667158	2.211443
#3	.7816111	1.962117	.9490090	1.999981	.7773783	2.183838

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3609018	.2051040	3.268712	.4030388	.1952416	.3565758
Stddev	.0125108	.0038594	.112261	.0014562	.0007196	.0127219
%RSD	3.466539	1.881695	3.434404	.3612938	.3685687	3.567792

#1	.3464798	.2014338	3.139092	.4032331	.1944107	.3419485
#2	.3688368	.2091282	3.332312	.4043880	.1956493	.3627159
#3	.3673888	.2047499	3.334733	.4014952	.1956647	.3650630

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.273968	.4855907	.0719797	.2990345	.2802248	5.984868
Stddev	.084656	.0041859	.0006881	.0113842	.0010087	.045423
%RSD	3.722847	.8620317	.9559593	3.806968	.3599572	.7589607

#1	2.176503	.4808431	.0719949	.2865104	.2812505	5.932596
#2	2.316211	.4871788	.0726601	.3018384	.2792341	6.007260
#3	2.329190	.4887501	.0712841	.3087547	.2801898	6.014746

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3158653	.3997246	.2650526	.6753738	.1964271	.2017167
Stddev	.0031594	.0030494	.0020516	.0050320	.0069355	.0085989
%RSD	1.000244	.7628630	.7740420	.7450742	3.530822	4.262856

#1	.3133719	.3968782	.2639665	.6695641	.1884188	.1921140
#2	.3194184	.3993528	.2674189	.6783603	.2004040	.2043312
#3	.3148058	.4029428	.2637723	.6781972	.2004586	.2087048



Sample Name: K5285-16MS Acquired: 10/13/2019 17:04:31 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2184478	.1941710	1.493119	.2951845	3.261035	F 123.0086
Stddev	.0078148	.0005713	.063890	.0006549	.089534	2.4715
%RSD	3.577438	.2942356	4.278960	.2218730	2.745559	2.009194

#1	.2094246	.1939385	1.419530	.2944627	3.166168	120.2462
#2	.2230546	.1948219	1.534427	.2957408	3.272882	123.7695
#3	.2228640	.1937525	1.525401	.2953500	3.344056	125.0102

Elem	K_7664
Units	ppm
Avg	F 10.46894
Stddev	.28590
%RSD	2.730982

#1	10.14666
#2	10.56809
#3	10.69207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.854	26935.82	6031.347	1255.142	1916.815
Stddev	11.797	34.27	90.360	4.048	11.987
%RSD	.6183522	.1272465	1.498173	.3225257	.6253609

#1	1917.370	26896.32	6126.975	1259.314	1930.280
#2	1911.538	26953.41	5947.388	1251.230	1912.860
#3	1894.654	26957.73	6019.679	1254.883	1907.306



Sample Name: K5285-16MSD Acquired: 10/13/2019 17:08:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7711891	1.942449	.9374463	1.980524	.7578731	2.144202
Stddev	.0048449	.003777	.0036010	.007008	.0055207	.166292
%RSD	.6282350	.1944657	.3841317	.3538511	.7284484	7.755416

#1	.7753901	1.941101	.9404223	1.981309	.7569760	2.002410
#2	.7658891	1.939530	.9334433	1.973157	.7528558	2.102963
#3	.7722880	1.946715	.9384732	1.987107	.7637874	2.327233

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3592032	.2050119	3.261460	.3959302	.1927564	.3552195
Stddev	.0283958	.0104944	.263601	.0008979	.0006796	.0295120
%RSD	7.905225	5.118940	8.082314	.2267711	.3525429	8.308103

#1	.3329350	.1961470	3.013477	.3951329	.1935394	.3272529
#2	.3553428	.2022894	3.232599	.3957549	.1923208	.3523397
#3	.3893317	.2165993	3.538304	.3969028	.1924090	.3860658

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.272709	.4834520	.0704926	.2993145	.2719228	5.940770
Stddev	.180178	.0013750	.0003297	.0177695	.0017934	.026160
%RSD	7.927915	.2844214	.4677725	5.936747	.6595183	.4403503

#1	2.113166	.4842409	.0707931	.2852041	.2731686	5.929428
#2	2.236836	.4818642	.0705448	.2934689	.2698674	5.922195
#3	2.468125	.4842508	.0701399	.3192704	.2727326	5.970688

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3145189	.3968755	.2642253	.6702004	.1979495	.2020640
Stddev	.0168512	.0024475	.0104470	.0028234	.0172767	.0192569
%RSD	5.357768	.6166831	3.953807	.4212833	8.727813	9.530103

#1	.3011234	.3980540	.2758459	.6696816	.1816261	.1852068
#2	.3089945	.3940617	.2556116	.6676724	.1961794	.1979345
#3	.3334389	.3985106	.2612183	.6732473	.2160431	.2230506



Sample Name: K5285-16MSD Acquired: 10/13/2019 17:08:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2198265	.1945765	1.401680	.2935169	3.277314	F 119.9953
Stddev	.0182789	.0005001	.061825	.0006090	.117083	4.0858
%RSD	8.315131	.2570266	4.410748	.2074825	3.572521	3.404928
#1	.2028144	.1940387	1.334273	.2928284	3.150645	115.6648
#2	.2175132	.1946630	1.415024	.2937375	3.299728	120.5394
#3	.2391519	.1950277	1.455743	.2939849	3.381570	123.7817

Elem	K_7664
Units	ppm
Avg	F 10.52548
Stddev	.37888
%RSD	3.599627
#1	10.12777
#2	10.56648
#3	10.88219

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.120	27169.56	6023.010	1264.931	1927.424
Stddev	11.841	42.43	290.135	3.621	7.401
%RSD	.6157171	.1561683	4.817110	.2862736	.3839735
#1	1913.641	27165.54	6273.237	1264.473	1920.880
#2	1936.393	27129.28	6090.816	1261.560	1935.455
#3	1919.326	27213.86	5704.976	1268.759	1925.936



Sample Name: K5285-16A Acquired: 10/13/2019 17:12:00 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7656108	1.930133	.9358359	1.977507	.7572777	2.107016
Stddev	.0117274	.033746	.0163103	.029826	.0132401	.041629
%RSD	1.531773	1.748368	1.742863	1.508240	1.748387	1.975725

#1	.7520695	1.894793	.9187566	1.945950	.7429895	2.062361
#2	.7724777	1.933587	.9375018	1.981342	.7597116	2.113935
#3	.7722850	1.962019	.9512494	2.005230	.7691320	2.144751

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3583457	.2011646	3.284282	.3952028	.1926159	.3545923
Stddev	.0089537	.0021512	.076089	.0007385	.0030535	.0092789
%RSD	2.498628	1.069386	2.316765	.1868730	1.585290	2.616789

#1	.3482460	.1992055	3.198526	.3943519	.1891733	.3438827
#2	.3614806	.2034667	3.310610	.3956771	.1936776	.3596692
#3	.3653105	.2008215	3.343712	.3955795	.1949969	.3602249

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.241728	.4820463	.0714110	.2930030	.2771534	5.943826
Stddev	.086534	.0084757	.0007763	.0115727	.0010063	.094416
%RSD	3.860127	1.758277	1.087137	3.949678	.3630893	1.588471

#1	2.144252	.4730692	.0719740	.2796481	.2774605	5.836221
#2	2.271443	.4831588	.0717336	.3000843	.2779703	5.982454
#3	2.309490	.4899108	.0705254	.2992765	.2760293	6.012803

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3090853	.3940724	.2675173	.6670322	.1939046	.1993581
Stddev	.0004350	.0059965	.0070229	.0089895	.0054880	.0059709
%RSD	.1407484	1.521674	2.625204	1.347685	2.830279	2.995055

#1	.3095274	.3875105	.2594879	.6567424	.1878318	.1925017
#2	.3090708	.3954392	.2705485	.6709935	.1953729	.2021588
#3	.3086577	.3992676	.2725156	.6733608	.1985092	.2034137



Sample Name: K5285-16A Acquired: 10/13/2019 17:12:00 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2166306	.1945366	1.443539	.2938804	3.281069	F 125.5215
Stddev	.0054720	.0001502	.029595	.0009522	.075944	2.4033
%RSD	2.525956	.0772084	2.050171	.3239923	2.314618	1.914664

#1	.2105245	.1944144	1.410886	.2929425	3.202909	122.9435
#2	.2182766	.1947043	1.451135	.2938526	3.285715	125.9210
#3	.2210906	.1944911	1.468595	.2948462	3.354584	127.7000

Elem	K_7664
Units	ppm
Avg	F 10.59286
Stddev	.20953
%RSD	1.977986

#1	10.38588
#2	10.58785
#3	10.80484

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.888	27206.93	6140.273	1265.020	1933.220
Stddev	28.868	49.16	55.259	5.073	30.579
%RSD	1.494288	.1806988	.8999513	.4009908	1.581758

#1	1963.637	27166.14	6193.961	1268.595	1967.010
#2	1924.808	27261.52	6083.566	1267.251	1925.199
#3	1907.219	27193.14	6143.292	1259.214	1907.452



Sample Name: K5269-01 Acquired: 10/13/2019 17:15:45 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CELL-B-POOL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002112	.0028257	.0923556	-.000241	-.000578	.0143553	.0009026
Stddev	.002134	.0008564	.0008136	.001640	.001230	.0075121	.0003647
%RSD	101.0465	30.30720	.8809614	680.7104	212.5989	52.32981	40.40482

#1	-.004316	.0021765	.0929148	-.001499	-.001837	.0105866	.0006109
#2	-.000055	.0037964	.0914222	.001614	.000621	.0230056	.0007855
#3	-.001965	.0025043	.0927299	-.000837	-.000520	.0094735	.0013115

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000110	.0558455	.0006481	.0000949	.0011671	.0209960	.0196163
Stddev	.000045	.0060419	.0001764	.0002367	.0001849	.0157733	.0003291
%RSD	41.25344	10.81897	27.21988	249.4082	15.84236	75.12525	1.677822

#1	-.000071	.0506372	.0008028	.0003006	.0009581	.0353248	.0197911
#2	-.000160	.0544298	.0004560	-.000164	.0013095	.0040945	.0198212
#3	-.000099	.0624696	.0006854	.000148	.0012337	.0235687	.0192367

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000459	-.001778	.0290401	-.003532	.0382150	-.000045	.0138355
Stddev	.000524	.000991	.0006306	.000906	.0008576	.000105	.0029685
%RSD	114.1469	55.75769	2.171512	25.66210	2.244192	233.2924	21.45588

#1	.000107	-.001355	.0283228	-.003962	.0380959	.000034	.0106727
#2	-.000928	-.001068	.0292904	-.002491	.0391260	-.000164	.0142724
#3	-.000557	-.002911	.0295071	-.004143	.0374232	-.000005	.0165614

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001012	.0021110	-.000141	.0002529	.0000566	.9369956	.0128985
Stddev	.000599	.0009866	.001322	.0000789	.0000677	.0221702	.0002180
%RSD	59.17826	46.73879	934.3234	31.22036	119.5431	2.366096	1.689772

#1	-.000327	.0031910	-.001006	.0003382	.0000516	.9172243	.0131501
#2	-.001439	.0018852	.001380	.0001824	.0001267	.9609646	.0127807
#3	-.001269	.0012568	-.000799	.0002380	-.000008	.9327979	.0127649



Sample Name: K5269-01 Acquired: 10/13/2019 17:15:45 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CELL-B-POOL- Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0099739	.0905766	-.026787
Stddev	.0043415	.0080132	.010156
%RSD	43.52802	8.846830	37.91428

#1	.0052149	.0971056	-.024246
#2	.0109890	.0816341	-.018143
#3	.0137179	.0929901	-.037973

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.754	29328.10	6215.974	1354.821	2103.103
Stddev	12.373	762.71	123.288	36.163	9.266
%RSD	.6196396	2.600598	1.983403	2.669197	.4406064

#1	2010.455	30207.71	6322.935	1396.526	2113.640
#2	1986.396	28850.36	6081.134	1332.173	2096.221
#3	1993.411	28926.23	6243.851	1335.763	2099.449



Sample Name: CCV06 Acquired: 10/13/2019 17:19:39 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.819831	4.798910	4.761681	4.884812	4.843663	9.652040
Stddev	.051579	.033925	.047115	.060008	.053375	.514671
%RSD	1.070149	.7069232	.9894624	1.228458	1.101947	5.332247

#1	4.874593	4.835318	4.813889	4.954087	4.903685	9.057802
#2	4.772170	4.768188	4.722326	4.848858	4.801532	9.942339
#3	4.812730	4.793223	4.748830	4.851492	4.825773	9.955979

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.574411	.2475330	23.94287	.9817778	2.391977	2.406832
Stddev	.467350	.0042692	1.16825	.0013585	.020883	.114221
%RSD	4.881243	1.724693	4.879342	.1383689	.8730534	4.745687

#1	9.037100	.2431117	22.59981	.9804238	2.414645	2.275009
#2	9.799609	.2516318	24.50512	.9831408	2.373521	2.476416
#3	9.886525	.2478556	24.72370	.9817687	2.387765	2.469070

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.22994	2.399435	1.214505	2.364591	2.385193	4.990292
Stddev	1.04887	.023871	.001180	.103679	.005359	.044792
%RSD	4.328801	.9948761	.0971486	4.384632	.2246952	.8975747

#1	23.02093	2.425145	1.215083	2.244935	2.379056	5.039994
#2	24.77244	2.377973	1.215284	2.421078	2.388952	4.953050
#3	24.89645	2.395187	1.213147	2.427759	2.387571	4.977832

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.922260	4.918587	4.757743	4.793661	4.755329	4.743240
Stddev	.074904	.056796	.027867	.015517	.213917	.249188
%RSD	1.521738	1.154729	.5857211	.3237007	4.498466	5.253530

#1	4.838538	4.982136	4.778565	4.808968	4.511932	4.455919
#2	4.982925	4.872777	4.726086	4.777942	4.840578	4.873501
#3	4.945318	4.900848	4.768578	4.794071	4.913478	4.900299



Sample Name: CCV06 Acquired: 10/13/2019 17:19:39 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.825183	2.458152	4.870722	1.238479	4.869306	23.57548
Stddev	.230412	.003751	.161705	.007330	.159033	.89592
%RSD	4.775188	.1526002	3.319939	.5918750	3.266031	3.800219

#1	4.559390	2.456635	4.688986	1.230069	4.703406	22.57315
#2	4.947827	2.455397	4.924472	1.241851	4.884070	23.85491
#3	4.968332	2.462424	4.998707	1.243516	5.020442	24.29839

Elem	K_7664
Units	ppm
Avg	F 24.40470
Stddev	.95053
%RSD	3.894871

#1	23.32544
#2	24.77137
#3	25.11728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.404	26920.13	6104.315	1234.426	1872.767
Stddev	21.960	58.19	92.385	.208	17.575
%RSD	1.158612	.2161731	1.513441	.0168261	.9384634

#1	1870.250	26892.09	6204.786	1234.473	1853.299
#2	1910.760	26881.27	6023.027	1234.199	1887.463
#3	1905.202	26987.04	6085.133	1234.606	1877.540



Sample Name: CCB06 Acquired: 10/13/2019 17:23:10 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001964	.0003926	.0002859	-.001520	-.000299	-.002054	-.000268
Stddev	.001490	.0017853	.0007915	.002451	.002441	.012486	.000234
%RSD	75.87771	454.7097	276.8858	161.2944	816.4775	607.9782	87.18998

#1	-.002108	.0020218	.0004571	-.001010	.000831	-.009940	-.000314
#2	-.003376	.0006719	-.000577	.000637	-.003100	-.008563	-.000015
#3	-.000407	-.001516	.000978	-.004185	.001372	.012342	-.000476

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	.0052344	-.000130	.0003116	-.000279	.0245188	.0003578
Stddev	.000157	.0075163	.000555	.0003712	.000590	.0291918	.0001615
%RSD	101.2902	143.5942	426.1280	119.1395	211.5670	119.0588	45.13299

#1	-.000146	.0136542	.000255	.0004606	-.000278	.0007891	.0005217
#2	-.000003	-.000799	-.000766	.0005851	.000311	.0571162	.0001988
#3	-.000316	.002848	.000120	-.000111	-.000869	.0156512	.0003530

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001188	-.001121	-.001029	-.003334	-.001191	.0008537	-.005073
Stddev	.000565	.001231	.000362	.002358	.000137	.0003424	.003805
%RSD	47.59974	109.8548	35.17964	70.71499	11.47682	40.11053	74.99623

#1	-.001687	-.000378	-.000772	-.005804	-.001061	.0012039	-.003704
#2	-.001303	-.000442	-.001443	-.003089	-.001178	.0008375	-.009374
#3	-.000574	-.002542	-.000872	-.001108	-.001334	.0005196	-.002143

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002579	.0027146	.0018211	.0000086	-.000227	.0010877	.0006601
Stddev	.0008089	.0014100	.0010806	.0001125	.000036	.0172798	.0002243
%RSD	313.7085	51.94076	59.33804	1304.739	15.76676	1588.628	33.97543

#1	.0011774	.0014887	.0012935	-.000020	-.000249	.0164130	.0006133
#2	-.000060	.0042554	.0030642	.000133	-.000186	-.017640	.0009041
#3	-.000344	.0023998	.0011056	-.000087	-.000246	.004491	.0004629



Sample Name: CCB06 Acquired: 10/13/2019 17:23:10 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.003242	.0586888	-.072509
Stddev	.005131	.0132760	.014720
%RSD	158.2729	22.62100	20.30146

#1	-.007777	.0441682	-.087098
#2	.002328	.0616928	-.072769
#3	-.004277	.0702053	-.057661

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.327	27973.64	6095.448	1292.518	2072.349
Stddev	35.418	116.93	73.507	6.420	35.149
%RSD	1.797551	.4180169	1.205933	.4966848	1.696081

#1	2010.734	28001.72	6177.939	1286.096	2112.418
#2	1944.661	28073.97	6071.511	1298.935	2046.722
#3	1955.585	27845.22	6036.893	1292.523	2057.906



Sample Name: K5301-02 Acquired: 10/13/2019 17:27:04 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EFF-WASTE-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000834	.0026384	.0043080	.0047117	.0015104	.0644832
Stddev	.001699	.0013501	.0027555	.0033394	.0020150	.0118064
%RSD	203.5651	51.17008	63.96238	70.87504	133.4066	18.30929

#1	.000984	.0037880	.0074331	.0010355	.0033161	.0514925
#2	-.002381	.0029754	.0022274	.0075578	-.000663	.0745594
#3	-.001106	.0011517	.0032637	.0055419	.001878	.0673978

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047604	.0001033	7.591452	.0007354	.0006475	.0106086
Stddev	.0011288	.0000597	.514335	.0001409	.0003801	.0006169
%RSD	23.71174	57.73080	6.775189	19.16421	58.69549	5.814967

#1	.0034615	.0000876	7.129519	.0005828	.0003161	.0100679
#2	.0055032	.0001693	7.499148	.0008606	.0010624	.0104773
#3	.0053165	.0000531	8.145690	.0007627	.0005642	.0112806

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.477769	.0029520	-.000959	-.000491	.0924773	1.108436
Stddev	.225173	.0006957	.000241	.001789	.0011795	.006849
%RSD	6.474649	23.56810	25.17880	364.1743	1.275498	.6178765

#1	3.282185	.0022790	-.000888	-.001813	.0931654	1.100647
#2	3.427191	.0036684	-.000761	.001545	.0931512	1.111146
#3	3.723929	.0029085	-.001228	-.001206	.0911153	1.113515

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177351	-.000713	3.320905	-.001576	.0029807	.0008470
Stddev	.0020347	.000029	.025431	.000181	.0002697	.0008544
%RSD	11.47288	4.056130	.7657890	11.50597	9.047589	100.8787

#1	.0161520	-.000695	3.296700	-.001426	.0028770	-.000139
#2	.0170232	-.000747	3.318608	-.001777	.0032868	.001317
#3	.0200301	-.000698	3.347406	-.001524	.0027783	.001363



Sample Name: K5301-02 Acquired: 10/13/2019 17:27:04 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EFF-WASTE-WA Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0398562	-.000031	1.579806	.1562903	.2300622	F 165.7021
Stddev	.0027081	.000153	.035669	.0011926	.0094719	2.7931
%RSD	6.794726	498.9282	2.257826	.7630515	4.117087	1.685628

#1	.0375770	-.000194	1.538720	.1549920	.2221631	162.5311
#2	.0391417	.000109	1.602853	.1565419	.2405630	166.7778
#3	.0428499	-.000006	1.597844	.1573370	.2274604	167.7974

Elem	K_7664
Units	ppm
Avg	F 58.88379
Stddev	1.07648
%RSD	1.828136

#1	57.64684
#2	59.39611
#3	59.60841

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.418	27138.71	6525.243	1284.262	1943.440
Stddev	9.736	75.19	338.417	5.077	7.307
%RSD	.5004564	.2770420	5.186272	.3953031	.3759766

#1	1938.606	27175.54	6777.783	1287.099	1937.050
#2	1941.079	27052.21	6657.223	1287.286	1941.864
#3	1956.569	27188.37	6140.722	1278.401	1951.407



Sample Name: K5301-02DUP Acquired: 10/13/2019 17:30:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EFF-WASTE-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003725	.0003345	.0005889	.0078700	.0025754	.0804391
Stddev	.003444	.0011403	.0011511	.0008875	.0029285	.0067069
%RSD	92.47133	340.8451	195.4781	11.27667	113.7108	8.337918

#1	-.004772	.0015766	.0017107	.0081605	.0029092	.0827854
#2	.000122	.0000920	-.000589	.0068737	-.000506	.0856577
#3	-.006524	-.000665	.000645	.0085758	.005323	.0728742

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049483	-.000107	7.889595	.0005318	.0001382	.0111852
Stddev	.0005997	.000079	.272587	.0003975	.0004778	.0007302
%RSD	12.11874	73.63826	3.455015	74.75314	345.6437	6.528393

#1	.0042737	-.000081	7.581405	.0008508	-.000400	.0104009
#2	.0051505	-.000195	7.988302	.0006582	.000511	.0113094
#3	.0054208	-.000044	8.099078	.0000864	.000304	.0118454

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.664524	.0029619	-.000877	-.002689	.0904013	1.108635
Stddev	.135990	.0003714	.000173	.002146	.0014908	.004974
%RSD	3.710985	12.53856	19.66417	79.80672	1.649143	.4486382

#1	3.507496	.0027972	-.000698	-.004295	.0910606	1.112791
#2	3.742735	.0033871	-.000893	-.003522	.0914488	1.103124
#3	3.743339	.0027013	-.001042	-.000252	.0886945	1.109990

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181007	-.001016	3.353218	-.001329	.0014012	.0009707
Stddev	.0025108	.000114	.016358	.001531	.0009012	.0006575
%RSD	13.87112	11.23100	.4878202	115.2336	64.31624	67.73630

#1	.0158928	-.000923	3.352969	-.002192	.0003937	.0005663
#2	.0175774	-.000982	3.336986	-.002233	.0021305	.0006165
#3	.0208319	-.001143	3.369698	.000439	.0016793	.0017294



Sample Name: K5301-02DUP Acquired: 10/13/2019 17:30:58 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EFF-WASTE-WA Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0414903	.0002034	1.563543	.1530645	.2205883	F 162.6174
Stddev	.0017742	.0000900	.016635	.0011601	.0078937	3.3471
%RSD	4.276119	44.25564	1.063943	.7579082	3.578455	2.058254

#1	.0394594	.0002649	1.545078	.1532750	.2253215	158.7759
#2	.0422729	.0002452	1.577359	.1541049	.2249677	164.1705
#3	.0427387	.0001001	1.568192	.1518136	.2114758	164.9058

Elem	K_7664
Units	ppm
Avg	F 57.82096
Stddev	1.43896
%RSD	2.488649

#1	56.16006
#2	58.61061
#3	58.69221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.422	26722.52	6168.152	1258.140	1916.280
Stddev	6.640	52.31	97.571	8.165	6.838
%RSD	.3454163	.1957587	1.581851	.6489795	.3568281

#1	1916.423	26706.42	6276.251	1251.338	1909.206
#2	1921.286	26680.15	6141.597	1255.888	1916.782
#3	1929.557	26780.99	6086.608	1267.195	1922.854



Sample Name: K5301-02LX5 Acquired: 10/13/2019 17:34:51 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002296	.0006651	-.001812	.0026974	.0006298	.0167537
Stddev	.002351	.0019148	.002006	.0008949	.0015213	.0162528
%RSD	102.3703	287.9214	110.6870	33.17533	241.5493	97.01029

#1	-.000297	-.001202	.000041	.0035619	-.001020	.0140328
#2	-.001706	.000572	-.001536	.0027553	.001977	.0020330
#3	-.004886	.002625	-.003941	.0017750	.000933	.0341953

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015928	-.000037	1.590163	-.000286	.0002688	.0020391
Stddev	.0009662	.000027	.094802	.000400	.0001331	.0008632
%RSD	60.65943	71.40107	5.961802	140.2534	49.50465	42.33442

#1	.0005188	-.000015	1.489048	-.000742	.0001478	.0013383
#2	.0023913	-.000067	1.604399	-.000119	.0002473	.0017756
#3	.0018684	-.000030	1.677042	.000005	.0004113	.0030033

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7489638	.0010705	-.000741	-.000312	.0287643	.2040537
Stddev	.0312965	.0004886	.000528	.001062	.0009288	.0002470
%RSD	4.178637	45.64587	71.22810	340.4867	3.229078	.1210337

#1	.7380132	.0015646	-.000835	-.001415	.0279619	.2038156
#2	.7246142	.0005876	-.000172	.000703	.0285493	.2040367
#3	.7842642	.0010593	-.001215	-.000224	.0297818	.2043086

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000642	-.000445	.6167260	-.001289	.0016923	.0014542
Stddev	.000459	.000400	.0034197	.000568	.0002930	.0006733
%RSD	71.60043	89.96745	.5544980	44.06477	17.31649	46.30342

#1	-.001169	.000017	.6202633	-.001839	.0019202	.0006781
#2	-.000331	-.000676	.6134374	-.000705	.0017949	.0018022
#3	-.000425	-.000674	.6164772	-.001322	.0013617	.0018823



Sample Name: K5301-02LX5 Acquired: 10/13/2019 17:34:51 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084883	.0001479	.3170683	.0316311	.0365378	F 31.59546
Stddev	.0005264	.0000131	.0073088	.0005415	.0076368	1.22642
%RSD	6.201068	8.839194	2.305112	1.711994	20.90108	3.881646

#1	.0079219	.0001430	.3151479	.0320850	.0427937	30.21092
#2	.0085807	.0001380	.3109114	.0317767	.0387921	32.03003
#3	.0089624	.0001628	.3251455	.0310317	.0280276	32.54542

Elem	K_7664
Units	ppm
Avg	F 11.22638
Stddev	.39150
%RSD	3.487298

#1	10.78010
#2	11.38710
#3	11.51194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.076	27300.10	5996.520	1267.027	1995.984
Stddev	14.357	67.17	123.664	4.432	14.788
%RSD	.7469392	.2460436	2.062259	.3497625	.7408626

#1	1906.195	27322.69	6102.109	1270.827	1979.505
#2	1925.895	27224.55	6026.978	1268.095	2000.350
#3	1934.136	27353.06	5860.473	1262.159	2008.097



Sample Name: K5301-02MS Acquired: 10/13/2019 17:38:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EFF-WASTE-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7930340	1.965963	.9713327	2.022115	.7626402	2.120269
Stddev	.0043511	.009651	.0039304	.003260	.0022960	.057459
%RSD	.5486667	.4909269	.4046355	.1612139	.3010637	2.709990

#1	.7889605	1.976571	.9724505	2.020132	.7616821	2.054351
#2	.7925238	1.963615	.9745830	2.020336	.7609784	2.159755
#3	.7976178	1.957702	.9669645	2.025878	.7652601	2.146702

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2081959	.2047701	8.738313	.4076396	.1989807	.2154412
Stddev	.0057693	.0050127	.196003	.0003966	.0003693	.0048132
%RSD	2.771091	2.447964	2.243028	.0972791	.1855930	2.234124

#1	.2015343	.1993748	8.513063	.4079766	.1993540	.2099140
#2	.2115792	.2092831	8.870018	.4077394	.1989728	.2187094
#3	.2114741	.2056525	8.831857	.4072026	.1986155	.2177003

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.638161	.4971325	.0723979	.2996243	.2838702	7.299961
Stddev	.185788	.0006940	.0002928	.0047347	.0016494	.018366
%RSD	3.295185	.1396096	.4044644	1.580206	.5810505	.2515867

#1	5.424308	.4972462	.0727216	.2945469	.2850054	7.319296
#2	5.759831	.4977627	.0721513	.3004074	.2846270	7.282749
#3	5.730343	.4963887	.0723209	.3039186	.2819782	7.297838

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3092573	.3950961	3.166940	.6545518	.1937183	.2005525
Stddev	.0054796	.0019265	.004742	.0020301	.0046469	.0034717
%RSD	1.771855	.4875996	.1497458	.3101529	2.398798	1.731086

#1	.3029328	.3952615	3.166034	.6537342	.1885488	.1968545
#2	.3122589	.3969346	3.172070	.6568632	.1950573	.2010611
#3	.3125804	.3930923	3.162715	.6530579	.1975486	.2037419



Sample Name: K5301-02MS Acquired: 10/13/2019 17:38:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EFF-WASTE-WA Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2459129	.1933486	2.552018	.4473289	3.338900	F 162.2935
Stddev	.0061711	.0010324	.037309	.0019734	.049282	1.2372
%RSD	2.509451	.5339445	1.461940	.4411585	1.475983	.7623439
#1	.2387892	.1945391	2.509935	.4476604	3.285391	160.9494
#2	.2496219	.1927002	2.565077	.4491155	3.348883	162.5462
#3	.2493276	.1928064	2.581042	.4452106	3.382426	163.3849

Elem	K_7664
Units	ppm
Avg	F 67.00739
Stddev	.44829
%RSD	.6690173
#1	66.49048
#2	67.24203
#3	67.28966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.708	27071.69	6184.560	1264.015	1896.132
Stddev	5.275	121.65	121.447	6.270	4.026
%RSD	.2748058	.4493652	1.963706	.4960642	.2123365
#1	1925.681	26932.30	6310.942	1256.781	1900.525
#2	1917.756	27126.37	6068.739	1267.368	1892.617
#3	1915.687	27156.41	6173.999	1267.896	1895.255



Sample Name: K5301-02MSD Acquired: 10/13/2019 17:42:29 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EFF-WASTE-WA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7944896	1.971592	.9737458	2.021131	.7747581	2.059338
Stddev	.0028782	.003537	.0055186	.010823	.0020620	.216964
%RSD	.3622726	.1794203	.5667387	.5354714	.2661473	10.53562

#1	.7976794	1.971338	.9750504	2.010450	.7727725	1.809208
#2	.7920867	1.975250	.9784953	2.020852	.7746129	2.196636
#3	.7937026	1.968189	.9676919	2.032090	.7768888	2.172171

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2048866	.2012961	8.556112	.4124505	.1994933	.2104461
Stddev	.0192242	.0134896	.770917	.0016570	.0004623	.0200511
%RSD	9.382831	6.701371	9.010135	.4017495	.2317579	9.527911

#1	.1827396	.1858573	7.666102	.4142652	.1995804	.1872944
#2	.2146552	.2108049	8.986106	.4120681	.1999059	.2218088
#3	.2172649	.2072260	9.016127	.4110180	.1989936	.2222352

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.498437	.4977462	.0741096	.2913594	.2910732	7.323238
Stddev	.516108	.0016870	.0005405	.0231858	.0014159	.018789
%RSD	9.386451	.3389281	.7292787	7.957813	.4864333	.2565714

#1	4.905983	.4995375	.0743055	.2645905	.2926316	7.343452
#2	5.738838	.4975134	.0745248	.3051386	.2907220	7.319957
#3	5.850488	.4961877	.0734985	.3043489	.2898660	7.306306

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3029659	.3983732	3.169795	.6578666	.1912848	.1960841
Stddev	.0217710	.0009001	.007360	.0023089	.0169504	.0190882
%RSD	7.185967	.2259449	.2321995	.3509702	8.861330	9.734674

#1	.2778796	.3977627	3.177084	.6566919	.1717420	.1740539
#2	.3169187	.3979499	3.162365	.6605266	.2001206	.2064993
#3	.3140993	.3994069	3.169936	.6563812	.2019917	.2076992



Sample Name: K5301-02MSD Acquired: 10/13/2019 17:42:29 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EFF-WASTE-WA Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2399010	.1940770	2.559734	.4513835	3.354894	F 161.9076
Stddev	.0220214	.0008182	.096603	.0046960	.083059	3.4816
%RSD	9.179368	.4215787	3.773961	1.040353	2.475770	2.150333
#1	.2144783	.1949421	2.453398	.4566951	3.276556	158.0840
#2	.2521548	.1933157	2.583718	.4496725	3.346145	162.7441
#3	.2530697	.1939733	2.642086	.4477829	3.441982	164.8947

Elem	K_7664
Units	ppm
Avg	F 66.67351
Stddev	1.55102
%RSD	2.326296
#1	64.89001
#2	67.42377
#3	67.70675

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.971	26802.05	6340.258	1256.449	1900.619
Stddev	12.217	112.46	440.104	19.694	10.592
%RSD	.6363256	.4195873	6.941420	1.567445	.5572900
#1	1933.793	26709.30	6846.117	1236.273	1911.901
#2	1910.618	26927.13	6045.246	1257.454	1890.888
#3	1915.500	26769.72	6129.409	1275.622	1899.068



Sample Name: K5301-02A Acquired: 10/13/2019 17:46:13 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7905029	1.957057	.9669827	2.005706	.7739299	2.073426
Stddev	.0040290	.001711	.0065504	.007121	.0075980	.149211
%RSD	.5096735	.0874411	.6774081	.3550422	.9817452	7.196360

#1	.7942015	1.958836	.9605373	2.004123	.7669347	1.901156
#2	.7862096	1.955423	.9667774	1.999510	.7728417	2.157061
#3	.7910976	1.956913	.9736333	2.013485	.7820134	2.162060

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036849	.2035129	8.572445	.4079682	.1984082	.2106994
Stddev	.0132707	.0104673	.563710	.0011238	.0003055	.0148425
%RSD	6.515319	5.143301	6.575837	.2754527	.1539546	7.044404

#1	.1883737	.1914706	7.921673	.4088816	.1982175	.1935840
#2	.2108053	.2104286	8.909705	.4083096	.1987605	.2184853
#3	.2118757	.2086396	8.885957	.4067133	.1982464	.2200291

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.455247	.4946983	.0731001	.2944424	.2799998	7.276660
Stddev	.412066	.0011170	.0004704	.0177449	.0021411	.025344
%RSD	7.553579	.2257840	.6435595	6.026608	.7646735	.3482863

#1	4.979480	.4935145	.0727259	.2743014	.2775346	7.247410
#2	5.698864	.4957335	.0729462	.3012518	.2810695	7.290502
#3	5.687397	.4948468	.0736282	.3077741	.2813952	7.292069

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3058344	.3952590	3.145670	.6520936	.1908231	.1970038
Stddev	.0146346	.0020483	.010307	.0040564	.0118456	.0135117
%RSD	4.785150	.5182078	.3276513	.6220641	6.207649	6.858572

#1	.2890395	.3938156	3.139528	.6487153	.1771463	.1815601
#2	.3158509	.3943582	3.157569	.6565925	.1978290	.2066449
#3	.3126127	.3976033	3.139912	.6509729	.1974940	.2028064



Sample Name: K5301-02A Acquired: 10/13/2019 17:46:13 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2402445	.1919233	2.512839	.4437386	3.266978	F 159.8808
Stddev	.0158683	.0001175	.029240	.0029754	.068019	2.7468
%RSD	6.605074	.0612401	1.163632	.6705298	2.082028	1.718059
#1	.2219214	.1917914	2.479170	.4403163	3.193220	156.7544
#2	.2494237	.1920169	2.531864	.4457121	3.280480	160.9811
#3	.2493885	.1919616	2.527482	.4451874	3.327233	161.9069

Elem	K_7664
Units	ppm
Avg	F 65.98723
Stddev	1.10913
%RSD	1.680826
#1	64.71346
#2	66.50884
#3	66.73941

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.272	26829.08	6223.416	1255.931	1891.012
Stddev	4.764	26.46	319.139	6.666	3.584
%RSD	.2496319	.0986226	5.128034	.5307844	.1895370
#1	1910.391	26800.26	6590.970	1256.627	1895.146
#2	1911.608	26852.28	6016.677	1248.944	1888.779
#3	1902.816	26834.70	6062.600	1262.222	1889.111



Sample Name: K5325-01 Acquired: 10/13/2019 17:49:56 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415844	-.135462	.1444808	-.067970	.0220470	220.6629
Stddev	.0015254	.001707	.0008391	.003046	.0007272	6.8335
%RSD	3.668222	1.260205	.5807355	4.481776	3.298221	3.096826

#1	.0432662	-.133728	.1442972	-.065760	.0213206	212.9667
#2	.0411971	-.137141	.1453964	-.071445	.0227749	223.0031
#3	.0402900	-.135517	.1437487	-.066705	.0220454	226.0189

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.341254	.0149534	81.00801	.2942036	.2399853	8.512401
Stddev	.038956	.0003079	2.26665	.0021681	.0009558	.246034
%RSD	2.904459	2.058844	2.798054	.7369280	.3982768	2.890299

#1	1.297029	.0153050	78.43235	.2965203	.2392000	8.233559
#2	1.356243	.0148235	81.89317	.2922237	.2397063	8.604729
#3	1.370489	.0147319	82.69853	.2938667	.2410495	8.698916

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	118.5828	.6516085	-.030754	.4145627	.8142596	7.014463
Stddev	3.7213	.0014009	.000881	.0188154	.0030249	.029680
%RSD	3.138126	.2149931	2.864805	4.538608	.3714856	.4231320

#1	114.4246	.6509684	-.031739	.3929358	.8170149	6.983789
#2	119.7239	.6506420	-.030479	.4271725	.8147411	7.016560
#3	121.6000	.6532151	-.030042	.4235797	.8110229	7.043039

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.448556	.0073335	2.253110	.0058674	4.707671	.3779749
Stddev	.033850	.0003345	.009035	.0013630	.135400	.0103137
%RSD	7.546429	4.561492	.4009896	23.23012	2.876146	2.728665

#1	-.487523	.0075731	2.263158	.0042987	4.556303	.3662421
#2	-.431726	.0074761	2.245655	.0065414	4.749463	.3820727
#3	-.426420	.0069513	2.250517	.0067621	4.817248	.3856099



Sample Name: K5325-01 Acquired: 10/13/2019 17:49:56 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-A Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3479311	.0433025	1.473746	.7539120	F 519.2501	8.557196
Stddev	.0097806	.0001482	.072855	.0046129	15.4951	.225165
%RSD	2.811072	.3422024	4.943504	.6118575	2.984130	2.631292

#1	.3368152	.0433073	1.409097	.7508241	501.5911	8.308166
#2	.3517605	.0431520	1.459453	.7592146	525.5856	8.617005
#3	.3552175	.0434482	1.552688	.7516975	530.5735	8.746419

Elem	K_7664
Units	ppm
Avg	F 34.05528
Stddev	1.01877
%RSD	2.991528

#1	32.89406
#2	34.47287
#3	34.79891

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.092	33569.36	7789.210	1553.102	1944.621
Stddev	14.460	74.55	8.845	7.069	13.762
%RSD	.6121536	.2220828	.1135521	.4551509	.7076809

#1	2352.256	33557.82	7781.843	1561.134	1939.999
#2	2378.694	33649.01	7799.019	1550.342	1960.099
#3	2355.326	33501.25	7786.768	1547.829	1933.766



Sample Name: K5325-02 Acquired: 10/13/2019 17:53:37 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484374	-.148733	.1703962	-.085580	.0181274	261.4820
Stddev	.0019493	.003042	.0020614	.003837	.0046309	9.9926
%RSD	4.024283	2.045272	1.209755	4.483307	25.54648	3.821517

#1	.0483637	-.145845	.1682817	-.090009	.0233909	249.9436
#2	.0465261	-.151908	.1724000	-.083286	.0163125	267.2948
#3	.0504225	-.148447	.1705068	-.083444	.0146788	267.2075

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.643062	.0180774	71.90222	.3365475	.2855414	9.595744
Stddev	.057967	.0003534	2.65158	.0048039	.0003956	.358315
%RSD	3.528012	1.955135	3.687755	1.427393	.1385310	3.734106

#1	1.576182	.0179513	68.84295	.3418713	.2856013	9.182520
#2	1.678841	.0178042	73.53934	.3325364	.2859037	9.820358
#3	1.674165	.0184766	73.32435	.3352349	.2851194	9.784354

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	136.7915	.7650615	-.032679	.4365281	.9314043	7.504590
Stddev	5.1711	.0014574	.001572	.0123117	.0042120	.023348
%RSD	3.780259	.1904953	4.810103	2.820365	.4522230	.3111149

#1	130.8434	.7654292	-.034478	.4223215	.9356917	7.483982
#2	140.2182	.7662998	-.031990	.4431784	.9272719	7.529948
#3	139.3129	.7634554	-.031570	.4440845	.9312494	7.499842

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.445780	.0082540	1.621575	.0070829	4.936859	.4429095
Stddev	.023901	.0005437	.003849	.0011326	.184051	.0169847
%RSD	5.361556	6.587368	.2373773	15.99092	3.728108	3.834795

#1	-.464153	.0088664	1.624134	.0060498	4.724388	.4234283
#2	-.454427	.0080678	1.623443	.0082940	5.047229	.4506902
#3	-.418759	.0078279	1.617148	.0069050	5.038960	.4546100



Sample Name: K5325-02 Acquired: 10/13/2019 17:53:37 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-B Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3618226	.0517571	1.554132	.8575240	F 619.0955	9.056084
Stddev	.0128362	.0010677	.042100	.0026979	17.8937	.245701
%RSD	3.547649	2.062988	2.708929	.3146190	2.890297	2.713108

#1	.3470170	.0511291	1.509246	.8567762	598.5369	8.775573
#2	.3698291	.0511523	1.560409	.8552789	627.5884	9.159541
#3	.3686216	.0529900	1.592742	.8605170	631.1613	9.233139

Elem	K_7664
Units	ppm
Avg	F 43.41097
Stddev	1.11796
%RSD	2.575290

#1	42.18692
#2	43.66787
#3	44.37811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.783	34832.26	8208.499	1603.181	1960.002
Stddev	10.541	142.88	88.817	11.438	11.546
%RSD	.4311778	.4101950	1.082017	.7134660	.5890994

#1	2441.845	34675.64	8296.791	1604.523	1958.052
#2	2436.023	34865.66	8119.165	1613.890	1949.556
#3	2456.482	34955.48	8209.540	1591.132	1972.400



Sample Name: K5325-03 Acquired: 10/13/2019 17:57:17 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339555	-.100285	.1204364	-.043930	.0135466	180.0409
Stddev	.0045956	.004786	.0013320	.002170	.0017782	6.3532
%RSD	13.53432	4.772100	1.106005	4.939819	13.12619	3.528772

#1	.0388200	-.094772	.1219509	-.041519	.0153383	172.9151
#2	.0296869	-.102703	.1199119	-.044546	.0117823	182.0937
#3	.0333595	-.103379	.1194464	-.045726	.0135193	185.1140

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.160271	.0108710	97.60433	.2896430	.2003283	9.771618
Stddev	.040081	.0004947	3.50199	.0019681	.0008593	.338553
%RSD	3.454494	4.550465	3.587940	.6794867	.4289434	3.464652

#1	1.115746	.0108492	93.71781	.2875935	.2013170	9.393365
#2	1.171592	.0103875	98.58058	.2898173	.1999059	9.875238
#3	1.193474	.0113761	100.5146	.2915181	.1997620	10.04625

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.65256	.5180529	-.025242	.4185806	.6643387	6.015080
Stddev	3.23422	.0040022	.000176	.0138808	.0058341	.025488
%RSD	3.689823	.7725481	.6984827	3.316155	.8781878	.4237338

#1	84.04160	.5208860	-.025158	.4025819	.6595208	6.036050
#2	88.63288	.5197982	-.025445	.4257391	.6708254	6.022479
#3	90.28322	.5134744	-.025124	.4274209	.6626699	5.986711

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.401548	.0064478	2.130894	.0047743	3.747205	.2958332
Stddev	.006335	.0001554	.010244	.0013802	.121454	.0115643
%RSD	1.577544	2.409804	.4807440	28.90930	3.241180	3.909073

#1	-.408743	.0066150	2.141960	.0059022	3.608129	.2826098
#2	-.396810	.0064205	2.121741	.0032352	3.801111	.3008354
#3	-.399092	.0063079	2.128981	.0051854	3.832375	.3040544



Sample Name: K5325-03 Acquired: 10/13/2019 17:57:17 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-C Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3122723	.0350387	1.803114	.6052036	F 415.4376	7.755042
Stddev	.0108367	.0005039	.033132	.0005326	11.6679	.229569
%RSD	3.470281	1.438241	1.837510	.0880040	2.808577	2.960252

#1	.3002600	.0346318	1.768864	.6046179	402.4453	7.491776
#2	.3152432	.0356024	1.835003	.6053340	418.8451	7.859838
#3	.3213137	.0348819	1.805474	.6056589	425.0224	7.913512

Elem	K_7664
Units	ppm
Avg	F 24.14472
Stddev	.74292
%RSD	3.076937

#1	23.29717
#2	24.45372
#3	24.68326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.269	32554.75	7556.222	1504.399	1922.758
Stddev	7.399	214.33	57.284	14.256	6.678
%RSD	.3283644	.6583572	.7581067	.9476419	.3472986

#1	2245.458	32789.66	7616.588	1511.470	1915.126
#2	2260.171	32369.85	7549.457	1487.989	1925.624
#3	2254.179	32504.74	7502.621	1513.737	1927.524



Sample Name: K5325-04 Acquired: 10/13/2019 18:00:59 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133970	-.081160	.0653943	-.020688	.0117777	88.63385
Stddev	.0034515	.005054	.0010013	.002220	.0017853	4.98873
%RSD	25.76354	6.226792	1.531141	10.73290	15.15852	5.628465

#1	.0141515	-.086084	.0647739	-.023251	.0131103	83.82434
#2	.0096306	-.081411	.0648595	-.019470	.0097492	88.29291
#3	.0164089	-.075986	.0665494	-.019343	.0124736	93.78431

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4984270	.0050498	49.39762	.1565454	.1105834	3.738177
Stddev	.0262662	.0000713	2.67133	.0001273	.0010265	.209485
%RSD	5.269826	1.412397	5.407816	.0812930	.9282383	5.603933

#1	.4726870	.0050232	46.79282	.1565640	.1117680	3.533650
#2	.4974044	.0049955	49.26919	.1566623	.1100253	3.728590
#3	.5251896	.0051305	52.13085	.1564098	.1099569	3.952291

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.26556	.2714834	-.017976	.3441003	.3626521	3.845101
Stddev	2.55043	.0014249	.000461	.0168048	.0008644	.012835
%RSD	5.761665	.5248723	2.566036	4.883693	.2383669	.3337916

#1	41.76840	.2730847	-.017921	.3254383	.3617147	3.854372
#2	44.16215	.2710102	-.018462	.3488268	.3628240	3.830452
#3	46.86612	.2703552	-.017545	.3580357	.3634177	3.850479

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.246670	.0066643	2.176937	.0041760	4.104850	.1352611
Stddev	.011572	.0001180	.010227	.0007822	.218751	.0075953
%RSD	4.691280	1.770570	.4697998	18.72999	5.329097	5.615295

#1	-.239020	.0067607	2.181826	.0050785	3.885558	.1272714
#2	-.241006	.0066994	2.165183	.0036938	4.105934	.1361236
#3	-.259982	.0065327	2.183802	.0037559	4.323057	.1423884



Sample Name: K5325-04 Acquired: 10/13/2019 18:00:59 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-D Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2812186	.0185286	1.416687	.3981652	F 227.2911	5.720450
Stddev	.0148752	.0004150	.035178	.0014303	6.4457	.183125
%RSD	5.289553	2.239863	2.483135	.3592123	2.835889	3.201239

#1	.2677277	.0180801	1.396838	.3965306	220.5120	5.512062
#2	.2787571	.0186064	1.395920	.3987782	228.0200	5.793565
#3	.2971710	.0188991	1.457304	.3991867	233.3415	5.855722

Elem	K_7664
Units	ppm
Avg	F 10.32326
Stddev	.31918
%RSD	3.091837

#1	9.96551
#2	10.42542
#3	10.57885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2137.834	30584.45	6888.725	1409.664	1959.470
Stddev	8.292	137.71	187.532	4.229	8.247
%RSD	.3878820	.4502510	2.722299	.3000320	.4208759

#1	2128.291	30441.40	7048.786	1410.832	1949.963
#2	2141.922	30716.10	6935.001	1404.973	1964.693
#3	2143.288	30595.85	6682.387	1413.187	1963.755



Sample Name: CCV07 Acquired: 10/13/2019 18:04:44 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.818504	4.804461	4.749098	4.885450	4.838817	9.696134
Stddev	.041613	.041207	.036377	.028401	.039472	.445292
%RSD	.8636168	.8576840	.7659713	.5813417	.8157416	4.592468

#1	4.846696	4.837158	4.773795	4.904174	4.869732	9.203302
#2	4.770709	4.758176	4.707325	4.852771	4.794355	9.815578
#3	4.838106	4.818049	4.766173	4.899406	4.852364	10.06952

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.649785	.2486467	24.08416	.9904054	2.395386	2.415129
Stddev	.405085	.0039734	1.02669	.0033764	.015171	.103567
%RSD	4.197869	1.598012	4.262942	.3409119	.6333340	4.288258

#1	9.202280	.2446227	22.97419	.9920480	2.407224	2.299643
#2	9.755643	.2487500	24.27848	.9865220	2.378285	2.445979
#3	9.991431	.2525675	24.99981	.9926462	2.400651	2.499766

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.33823	2.405072	1.220405	2.371634	2.429036	5.007038
Stddev	1.05980	.020319	.000573	.099019	.007369	.033273
%RSD	4.354476	.8448496	.0469601	4.175124	.3033608	.6645327

#1	23.12993	2.423944	1.219751	2.259736	2.422977	5.037690
#2	24.77446	2.383563	1.220645	2.407238	2.426892	4.971651
#3	25.11030	2.407708	1.220819	2.447927	2.437239	5.011774

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.933988	4.920654	4.730110	4.768086	4.784432	4.784443
Stddev	.089846	.027148	.023748	.020009	.195638	.209739
%RSD	1.820964	.5517156	.5020617	.4196448	4.089053	4.383774

#1	4.847429	4.939996	4.755731	4.790022	4.563254	4.551879
#2	4.927741	4.889619	4.725764	4.763399	4.855216	4.842189
#3	5.026795	4.932347	4.708836	4.750836	4.934826	4.959259



Sample Name: CCV07 Acquired: 10/13/2019 18:04:44 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.854845	2.466686	4.822169	1.238422	4.887723	23.63462
Stddev	.207885	.005077	.132102	.007448	.136369	.63336
%RSD	4.282006	.2058075	2.739473	.6014357	2.790031	2.679812

#1	4.623991	2.464838	4.669741	1.233397	4.730796	22.91434
#2	4.913300	2.462792	4.903402	1.246979	4.954929	23.88500
#3	5.027245	2.472428	4.893364	1.234889	4.977446	24.10452

Elem	K_7664
Units	ppm
Avg	F 24.46818
Stddev	.81013
%RSD	3.310968

#1	23.53828
#2	24.84495
#3	25.02132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.594	26753.63	6083.860	1222.162	1876.984
Stddev	12.681	56.13	113.217	2.101	15.223
%RSD	.6700507	.2098179	1.860946	.1719351	.8110592

#1	1880.319	26737.96	6199.402	1222.445	1861.118
#2	1905.646	26815.94	6079.059	1224.107	1891.472
#3	1891.816	26707.01	5973.120	1219.933	1878.361



Sample Name: CCB07 Acquired: 10/13/2019 18:08:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004509	.0019048	-.000943	-.002200	-.000587	.0033288	-.000348
Stddev	.002941	.0011140	.001254	.002973	.002150	.0103603	.000301
%RSD	65.22689	58.48356	132.9867	135.1311	366.3077	311.2359	86.67101

#1	-.005636	.0024593	-.001669	-.005208	-.002591	-.008511	-.000678
#2	-.006719	.0006224	-.001667	.000737	-.000854	.007764	-.000087
#3	-.001171	.0026327	.000505	-.002129	.001684	.010733	-.000278

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000071	-.003695	.0002951	.0000361	.0000745	.0126730	.0001498
Stddev	.000033	.014203	.0004624	.0001089	.0003822	.0120130	.0002464
%RSD	46.27471	384.3403	156.6800	301.4193	513.1836	94.79171	164.4242

#1	-.000074	.005420	.0006702	-.000048	.0001964	.0262755	.0003872
#2	-.000037	-.020061	.0004367	.000159	-.000354	.0035177	.0001670
#3	-.000103	.003554	-.000221	-.000002	.000381	.0082259	-.000105

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000441	-.003202	-.000725	-.002257	-.001768	.0013559	-.002958
Stddev	.000126	.004794	.000252	.000552	.001355	.0009213	.000687
%RSD	28.57238	149.7179	34.76951	24.44005	76.67218	67.94357	23.21234

#1	-.000472	.002140	-.000445	-.002401	-.001856	.0024052	-.003667
#2	-.000548	-.007130	-.000935	-.002723	-.003077	.0009826	-.002910
#3	-.000302	-.004616	-.000795	-.001648	-.000370	.0006799	-.002296

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003905	.0018379	.0007511	.0000244	.0000033	-.011207	.0008787
Stddev	.0007275	.0009453	.0008542	.0001909	.0002590	.007125	.0001232
%RSD	186.2655	51.43336	113.7219	781.8180	7875.736	63.57304	14.02718

#1	.0011358	.0024237	.0014899	-.000147	-.000197	-.007357	.0008182
#2	-.000318	.0007474	.0009475	.000230	.000296	-.006836	.0010205
#3	.000354	.0023426	-.000184	-.000010	-.000089	-.019429	.0007973



Sample Name: CCB07 Acquired: 10/13/2019 18:08:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.005839	-.005619	-.005459
Stddev	.000682	.011380	.003446
%RSD	11.68737	202.5256	63.13859

#1	-.006531	-.018741	-.001489
#2	-.005167	.001543	-.007685
#3	-.005819	.000341	-.007202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.035	27795.30	6084.800	1282.417	2049.532
Stddev	3.708	55.94	83.156	6.798	7.359
%RSD	.1910537	.2012546	1.366615	.5301067	.3590694

#1	1945.301	27816.33	6171.566	1275.805	2058.029
#2	1938.579	27731.90	6077.035	1289.387	2045.352
#3	1939.226	27837.68	6005.799	1282.060	2045.214



Sample Name: K5325-05 Acquired: 10/13/2019 18:12:10 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289365	-.105963	.1066142	-.047905	.0127806	162.3821
Stddev	.0021462	.001364	.0011833	.004384	.0016544	7.3829
%RSD	7.416913	1.286943	1.109849	9.150433	12.94427	4.546631

#1	.0265894	-.104607	.1079725	-.052750	.0142541	153.9372
#2	.0307989	-.107335	.1060630	-.046753	.0109910	165.5946
#3	.0294213	-.105947	.1058071	-.044213	.0130967	167.6145

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.061089	.0106774	74.50294	.2566608	.1841969	7.333354
Stddev	.044552	.0002618	3.18703	.0194643	.0012251	.330120
%RSD	4.198694	2.451555	4.277728	7.583667	.6651149	4.501622

#1	1.010101	.0105283	70.86789	.2503043	.1854212	6.953495
#2	1.080661	.0109797	75.82348	.2785087	.1829710	7.495726
#3	1.092504	.0105243	76.81745	.2411694	.1841986	7.550841

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.88695	.4876904	-.026993	.4464374	.6229688	6.203999
Stddev	3.39757	.0006101	.003307	.0187830	.0388081	.014131
%RSD	4.362185	.1251075	12.25195	4.207303	6.229549	.2277669

#1	74.00772	.4875727	-.026816	.4252989	.6097842	6.207329
#2	79.31942	.4871477	-.030384	.4528027	.6666515	6.216168
#3	80.33370	.4883508	-.023777	.4612106	.5924707	6.188501

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.392426	.0071068	2.075269	.0061073	4.168882	.2555166
Stddev	.017518	.0003615	.009692	.0018915	.154565	.0125581
%RSD	4.463928	5.086862	.4670200	30.97092	3.707588	4.914779

#1	-.395209	.0067234	2.078570	.0041773	3.994618	.2411576
#2	-.408385	.0074416	2.064358	.0061869	4.222631	.2609441
#3	-.373683	.0071554	2.082879	.0079578	4.289397	.2644481



Sample Name: K5325-05 Acquired: 10/13/2019 18:12:10 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-E Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2749720	.0331405	1.610584	.5841660	F 401.9321	5.279687
Stddev	.0112240	.0004008	.044133	.0014061	12.8407	.195478
%RSD	4.081881	1.209326	2.740214	.2406945	3.194734	3.702451

#1	.2620632	.0334864	1.562256	.5840831	387.3460	5.056271
#2	.2804263	.0327013	1.620745	.5856116	406.9192	5.363544
#3	.2824265	.0332337	1.648751	.5828032	411.5310	5.419246

Elem	K_7664
Units	ppm
Avg	F 19.20650
Stddev	.75784
%RSD	3.945762

#1	18.33420
#2	19.58218
#3	19.70310

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.736	32033.25	7548.893	1476.621	1949.464
Stddev	3.662	1637.30	86.272	64.556	.804
%RSD	.1602853	5.111260	1.142841	4.371847	.0412322

#1	2288.962	32551.73	7648.495	1496.385	1948.701
#2	2282.757	30199.48	7500.624	1404.494	1950.303
#3	2282.490	33348.54	7497.559	1528.985	1949.388



Sample Name: K5325-05DUP Acquired: 10/13/2019 18:15:52 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-EDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312132	-.107257	.1100921	-.047297	.0135376	162.3134
Stddev	.0018205	.004355	.0010812	.002327	.0018102	6.6504
%RSD	5.832539	4.059942	.9821267	4.919453	13.37182	4.097288

#1	.0293464	-.111068	.1090975	-.049104	.0137649	154.6665
#2	.0313097	-.102511	.1112430	-.048116	.0152234	165.5276
#3	.0329836	-.108193	.1099358	-.044672	.0116245	166.7462

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.060869	.0106062	74.61780	.2480104	.1835501	7.378934
Stddev	.041789	.0003033	2.86163	.0012664	.0040193	.281769
%RSD	3.939156	2.859916	3.835048	.5106209	2.189777	3.818563

#1	1.012652	.0109251	71.31469	.2490354	.1856008	7.054889
#2	1.083342	.0105723	76.19186	.2465947	.1789191	7.515651
#3	1.086614	.0103213	76.34685	.2484012	.1861305	7.566261

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.03224	.4829583	-.025949	.4471648	.6078539	6.189805
Stddev	3.38381	.0090144	.001453	.0212042	.0034541	.113782
%RSD	4.336422	1.866500	5.597657	4.741913	.5682428	1.838215

#1	74.13751	.4870879	-.027363	.4238648	.6038727	6.249615
#2	79.70851	.4726188	-.026022	.4522994	.6096365	6.058591
#3	80.25070	.4891680	-.024461	.4653302	.6100526	6.261207

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.384669	.0072679	2.073825	.0052103	4.185245	.2548590
Stddev	.021962	.0004083	.036535	.0018297	.153214	.0115621
%RSD	5.709455	5.617504	1.761708	35.11644	3.660812	4.536655

#1	-.403339	.0073167	2.093972	.0046101	4.008463	.2416915
#2	-.390197	.0076496	2.031652	.0072648	4.267662	.2595339
#3	-.360470	.0068375	2.095850	.0037562	4.279609	.2633516



Sample Name: K5325-05DUP Acquired: 10/13/2019 18:15:52 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-EDUP Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2760077	.0340028	1.668350	.5882969	F 407.9277	5.319370
Stddev	.0109904	.0002885	.027653	.0040850	12.2794	.197943
%RSD	3.981930	.8485144	1.657491	.6943866	3.010182	3.721166

#1	.2633386	.0336741	1.637044	.5894084	394.2209	5.102705
#2	.2817022	.0342142	1.689447	.5837711	411.6382	5.364670
#3	.2829823	.0341201	1.678560	.5917112	417.9238	5.490737

Elem	K_7664
Units	ppm
Avg	F 19.27852
Stddev	.57308
%RSD	2.972616

#1	18.63779
#2	19.45564
#3	19.74213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.381	32801.79	7626.763	1516.078	1972.788
Stddev	22.193	60.28	93.922	12.591	24.340
%RSD	.9560409	.1837708	1.231485	.8305065	1.233776

#1	2310.931	32868.75	7720.067	1530.613	1961.152
#2	2346.871	32784.80	7532.234	1509.104	2000.762
#3	2306.342	32751.84	7627.989	1508.516	1956.450



Sample Name: K5325-05LX5 Acquired: 10/13/2019 18:19:35 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049310	-.024850	.0230448	-.004867	.0053710	38.84999
Stddev	.0056610	.003326	.0025658	.003434	.0018731	1.90852
%RSD	114.8040	13.38637	11.13379	70.55232	34.87450	4.912532

#1	-.000400	-.022629	.0260049	-.008795	.0061036	36.64746
#2	.010873	-.028674	.0216728	-.002434	.0067671	39.88729
#3	.004321	-.023246	.0214569	-.003372	.0032423	40.01522

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2568015	.0021044	18.25197	.0621324	.0401894	1.826642
Stddev	.0127308	.0001566	.90494	.0005693	.0003736	.086287
%RSD	4.957444	7.442261	4.958049	.9163059	.9296855	4.723800

#1	.2421627	.0020578	17.21181	.0616125	.0400933	1.727178
#2	.2629579	.0022791	18.68556	.0627408	.0406017	1.871316
#3	.2652838	.0019764	18.85853	.0620440	.0398732	1.881432

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.93848	.1084844	-.007579	.1054090	.1522075	1.315566
Stddev	.98808	.0001294	.000422	.0058644	.0002638	.004732
%RSD	5.217299	.1192530	5.568762	5.563434	.1733198	.3596989

#1	17.83614	.1083853	-.008040	.0986492	.1525119	1.311968
#2	19.23484	.1086308	-.007211	.1084432	.1520467	1.313803
#3	19.74447	.1084371	-.007487	.1091346	.1520638	1.320926

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.122627	.0003881	.4297696	-.000716	1.016146	.0616294
Stddev	.005942	.0003795	.0066792	.000551	.048377	.0032536
%RSD	4.845548	97.78683	1.554127	76.94567	4.760806	5.279327

#1	-.119488	.0002158	.4359723	-.000769	.961066	.0578793
#2	-.129480	.0001253	.4226989	-.001238	1.035630	.0633092
#3	-.118913	.0008232	.4306376	-.000140	1.051743	.0636998



Sample Name: K5325-05LX5 Acquired: 10/13/2019 18:19:35 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671210	.0069703	.3410178	.1292872	F 88.18417	1.067022
Stddev	.0035413	.0001023	.0117956	.0012916	2.64041	.040923
%RSD	5.276017	1.467387	3.458936	.9989742	2.994201	3.835207

#1	.0630662	.0070533	.3357885	.1280495	85.26653	1.020433
#2	.0686905	.0070016	.3327409	.1291854	88.87664	1.083477
#3	.0696063	.0068561	.3545241	.1306266	90.40935	1.097156

Elem	K_7664
Units	ppm
Avg	3.896025
Stddev	.135013
%RSD	3.465402

#1	3.769748
#2	3.879987
#3	4.038341

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.778	29153.76	6608.197	1345.187	2014.409
Stddev	9.574	95.35	146.552	13.490	9.562
%RSD	.4673222	.3270716	2.217728	1.002861	.4746573

#1	2037.746	29119.81	6769.716	1336.869	2003.528
#2	2053.673	29261.44	6483.721	1360.752	2021.469
#3	2054.916	29080.02	6571.154	1337.940	2018.231



Sample Name: K5325-05MS Acquired: 10/13/2019 18:23:25 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-EMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5947962	1.576240	.9328290	1.323610	.0776868	171.1439
Stddev	.0107748	.036866	.0139587	.019297	.0007329	8.5038
%RSD	1.811513	2.338834	1.496384	1.457870	.9433746	4.968804

#1	.5870472	1.560391	.9303608	1.311092	.0784046	161.3270
#2	.5902408	1.549950	.9202690	1.313905	.0769397	175.8648
#3	.6071005	1.618380	.9478572	1.345832	.0777160	176.2399

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.237952	.1558834	107.7126	.5411371	.3762279	11.95495
Stddev	.061451	.0036399	5.3412	.0026842	.0071647	.57292
%RSD	4.963894	2.334981	4.958740	.4960209	1.904350	4.792324

#1	1.167186	.1517795	101.5506	.5438394	.3719510	11.29361
#2	1.268832	.1587207	110.5676	.5384714	.3722335	12.27134
#3	1.277838	.1571502	111.0195	.5411004	.3844994	12.29991

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.38978	.9116234	.0294672	.6460838	.7592582	11.39063
Stddev	4.07928	.0161018	.0017058	.0258915	.0083699	.20677
%RSD	5.138299	1.766274	5.788700	4.007445	1.102377	1.815261

#1	74.68548	.9013544	.0276784	.6168110	.7675866	11.27560
#2	81.53531	.9033348	.0296476	.6554576	.7593406	11.26695
#3	81.94857	.9301809	.0310756	.6659827	.7508475	11.62933

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201219	.2697145	2.174870	.5370572	4.523925	.4141849
Stddev	.013121	.0042308	.021974	.0091734	.194682	.0203868
%RSD	6.520593	1.568614	1.010339	1.708085	4.303389	4.922145

#1	-.197263	.2673396	2.176190	.5325081	4.299855	.3911489
#2	-.215863	.2672046	2.152267	.5310473	4.620288	.4215044
#3	-.190532	.2745991	2.196155	.5476161	4.651633	.4299014



Sample Name: K5325-05MS Acquired: 10/13/2019 18:23:25 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-EMS Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4429147	.2008062	1.848900	.8526940	F 402.6862	8.387250
Stddev	.0212799	.0006003	.070517	.0029819	12.6519	.291692
%RSD	4.804509	.2989628	3.813985	.3497022	3.141884	3.477799

#1	.4183785	.2012198	1.768622	.8538228	388.5572	8.077051
#2	.4540369	.2001176	1.877237	.8493125	406.5335	8.428698
#3	.4563287	.2010812	1.900840	.8549467	412.9679	8.656000

Elem	K_7664
Units	ppm
Avg	F 29.06110
Stddev	.95349
%RSD	3.280997

#1	28.00164
#2	29.33140
#3	29.85026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.090	32481.81	7612.552	1495.355	1921.757
Stddev	32.147	93.31	158.642	19.331	29.217
%RSD	1.412977	.2872654	2.083950	1.292720	1.520304

#1	2296.734	32379.15	7790.297	1474.408	1936.872
#2	2290.385	32561.48	7485.309	1499.150	1940.319
#3	2238.152	32504.79	7562.051	1512.507	1888.079



Sample Name: K5325-05MSD Acquired: 10/13/2019 18:27:03 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-EMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5832933	1.550693	.9151100	1.290058	.0744749	171.2213
Stddev	.0094297	.017677	.0146163	.015789	.0025006	7.8713
%RSD	1.616634	1.139973	1.597212	1.223910	3.357676	4.597178

#1	.5860407	1.558589	.9176920	1.296374	.0748539	162.1343
#2	.5910442	1.563045	.9282632	1.301712	.0767644	175.9335
#3	.5727950	1.530443	.8993748	1.272089	.0718064	175.5960

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.229575	.1577977	105.9812	.5511484	.3656627	11.63621
Stddev	.052530	.0031103	4.8226	.0171607	.0055723	.52137
%RSD	4.272231	1.971095	4.550404	3.113630	1.523884	4.480559

#1	1.168923	.1542069	100.4125	.5455811	.3686506	11.03419
#2	1.259194	.1595307	108.7673	.5374625	.3691038	11.93518
#3	1.260606	.1596554	108.7637	.5704015	.3592337	11.93925

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.82865	.8915456	.0286911	.6479851	.7734436	11.11897
Stddev	3.91766	.0105530	.0010973	.0286453	.0200681	.14325
%RSD	4.907583	1.183680	3.824618	4.420669	2.594643	1.288358

#1	75.30881	.8959850	.0276210	.6151462	.7592279	11.19870
#2	81.92637	.8991536	.0298138	.6609753	.7647033	11.20461
#3	82.25078	.8794981	.0286384	.6678338	.7963996	10.95359

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.209870	.2642453	2.103953	.5241569	4.532906	.4143149
Stddev	.004337	.0038693	.035489	.0048870	.155506	.0184638
%RSD	2.066699	1.464295	1.686791	.9323493	3.430605	4.456464

#1	-.209425	.2658599	2.130402	.5265225	4.354091	.3931106
#2	-.214413	.2670459	2.117837	.5274109	4.636489	.4229949
#3	-.205772	.2598302	2.063621	.5185373	4.608139	.4268392



Sample Name: K5325-05MSD Acquired: 10/13/2019 18:27:03 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-EMSD Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4423519	.1990774	1.837266	.8520381	F 400.1437	8.272506
Stddev	.0184466	.0009410	.032584	.0038525	11.8359	.177130
%RSD	4.170117	.4726674	1.773486	.4521529	2.957919	2.141187

#1	.4210553	.1993691	1.804730	.8497315	386.9144	8.082229
#2	.4533395	.1998380	1.837171	.8564856	403.7870	8.302674
#3	.4526611	.1980252	1.869897	.8498972	409.7297	8.432614

Elem	K_7664
Units	ppm
Avg	F 28.84030
Stddev	.91780
%RSD	3.182349

#1	27.79071
#2	29.23813
#3	29.49207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.166	32001.06	7547.351	1455.469	1956.484
Stddev	27.261	764.58	141.554	25.725	21.485
%RSD	1.179018	2.389223	1.875544	1.767486	1.098128

#1	2293.188	32223.74	7699.156	1471.564	1940.468
#2	2299.907	32629.58	7418.971	1469.044	1948.084
#3	2343.405	31149.87	7523.927	1425.800	1980.899



Sample Name: K5325-05A Acquired: 10/13/2019 18:30:40 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5914211	1.554364	.9159273	1.286800	.0761505	170.4130
Stddev	.0058730	.020203	.0119665	.004776	.0030811	8.2448
%RSD	.9930229	1.299781	1.306494	.3711830	4.046026	4.838156

#1	.5848162	1.545330	.9044210	1.288320	.0727394	161.0705
#2	.5960552	1.577508	.9283063	1.290631	.0787315	173.4980
#3	.5933919	1.540255	.9150545	1.281448	.0769805	176.6704

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.202673	.1568081	97.98859	.5389327	.3612569	10.25942
Stddev	.061864	.0042783	4.95968	.0015167	.0053153	.47744
%RSD	5.143916	2.728358	5.061484	.2814299	1.471328	4.653710

#1	1.133294	.1523254	92.43775	.5405273	.3582332	9.71724
#2	1.222626	.1572514	99.54353	.5387627	.3673943	10.44403
#3	1.252098	.1608475	101.9845	.5375082	.3581433	10.61700

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.94621	.8921708	.0286540	.6498013	.7511024	11.14989
Stddev	3.92375	.0113710	.0005491	.0375152	.0075991	.11368
%RSD	4.907983	1.274530	1.916208	5.773335	1.011726	1.019583

#1	75.54191	.8870108	.0280913	.6077119	.7589798	11.07827
#2	81.22781	.9052069	.0291883	.6619715	.7438162	11.28097
#3	83.06890	.8842947	.0286825	.6797203	.7505113	11.09043

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.209829	.2669631	2.076913	.5259177	4.589715	.4140806
Stddev	.012679	.0029965	.003408	.0076311	.225824	.0237306
%RSD	6.042765	1.122444	.1640849	1.451003	4.920208	5.730918

#1	-.215070	.2658586	2.073912	.5186011	4.340748	.3872400
#2	-.195369	.2703551	2.080618	.5338285	4.647060	.4227231
#3	-.219048	.2646756	2.076209	.5253237	4.781338	.4322787



Sample Name: K5325-05A Acquired: 10/13/2019 18:30:40 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4361690	.1980244	1.839431	.8539777	F 399.0905	8.319521
Stddev	.0206362	.0001374	.067046	.0003263	11.7989	.302006
%RSD	4.731234	.0693889	3.644946	.0382147	2.956439	3.630086

#1	.4129210	.1981637	1.764784	.8536160	385.5366	7.970811
#2	.4432650	.1980205	1.858975	.8542502	404.6705	8.490974
#3	.4523209	.1978890	1.894533	.8540669	407.0643	8.496778

Elem	K_7664
Units	ppm
Avg	F 28.83268
Stddev	.91038
%RSD	3.157445

#1	27.78187
#2	29.38326
#3	29.33292

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.963	32561.19	7543.826	1490.159	1945.240
Stddev	20.017	42.96	157.702	1.779	22.472
%RSD	.8767932	.1319472	2.090481	.1194000	1.155242

#1	2293.581	32521.83	7706.878	1490.342	1959.618
#2	2259.875	32554.71	7532.520	1491.839	1919.344
#3	2295.434	32607.02	7392.082	1488.295	1956.758



Sample Name: K5325-07 Acquired: 10/13/2019 18:34:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-F Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541669	-.034548	.2272154	-.012416	.0062324	84.66468
Stddev	.0009542	.001864	.0008888	.002329	.0015122	2.80023
%RSD	1.761587	5.394427	.3911783	18.75860	24.26320	3.307434

#1	.0531201	-.036356	.2275740	-.014632	.0052847	81.46949
#2	.0543928	-.032633	.2262033	-.012627	.0054362	85.83294
#3	.0549879	-.034653	.2278690	-.009988	.0079763	86.69163

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6761150	.0090034	38.45538	.1062693	.0920259	3.312017
Stddev	.0227188	.0000349	1.25996	.0016906	.0002339	.113340
%RSD	3.360203	.3875893	3.276412	1.590842	.2542259	3.422087

#1	.6500850	.0089742	37.01759	.1069714	.0917652	3.184381
#2	.6863061	.0089939	38.98178	.1074957	.0920948	3.350781
#3	.6919539	.0090420	39.36678	.1043408	.0922176	3.400890

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.39417	.2643242	-.010845	.1440856	.5696792	3.367563
Stddev	1.61437	.0007978	.000894	.0065167	.0038977	.007890
%RSD	3.636449	.3018373	8.244381	4.522825	.6841919	.2342958

#1	42.57593	.2636323	-.011778	.1376489	.5659186	3.370778
#2	44.94736	.2651969	-.009996	.1439284	.5737009	3.358573
#3	45.65923	.2641435	-.010762	.1506795	.5694180	3.373338

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.119101	.0040401	7.160188	.0152474	.6737519	.1415192
Stddev	.011928	.0003317	.019113	.0004899	.0262909	.0046855
%RSD	10.01517	8.211307	.2669358	3.213251	3.902163	3.310849

#1	-.132449	.0037678	7.149797	.0157771	.6438483	.1362064
#2	-.115369	.0044096	7.148521	.0151546	.6841711	.1432901
#3	-.109484	.0039429	7.182245	.0148105	.6932363	.1450612



Sample Name: K5325-07 Acquired: 10/13/2019 18:34:18 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: 10-10-F Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8796921	.0173843	1.149569	.2777092	F 197.0058	F 46.69409
Stddev	.0284221	.0001055	.023927	.0014981	6.0716	1.41752
%RSD	3.230910	.6067209	2.081380	.5394436	3.081915	3.035761

#1	.8474549	.0172696	1.127241	.2769286	190.1284	45.11696
#2	.8904828	.0174062	1.146641	.2794364	199.2656	47.10336
#3	.9011386	.0174771	1.174825	.2767627	201.6234	47.86195

Elem	K_7664
Units	ppm
Avg	F 13.23403
Stddev	.48285
%RSD	3.648525

#1	12.68690
#2	13.41471
#3	13.60048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.710	34258.93	7869.076	1572.863	1949.873
Stddev	5.831	58.86	34.130	8.752	6.595
%RSD	.2402830	.1718045	.4337263	.5564201	.3382338

#1	2421.306	34190.97	7905.889	1582.916	1948.432
#2	2432.890	34293.81	7838.483	1566.939	1957.070
#3	2425.935	34292.00	7862.857	1568.735	1944.119



Sample Name: K5325-08 Acquired: 10/13/2019 18:38:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-G Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319520	-.134345	.1170438	-.060643	.0142861	185.6914
Stddev	.0022798	.004360	.0038057	.000503	.0004399	7.0763
%RSD	7.135132	3.245557	3.251494	.8300128	3.079581	3.810775

#1	.0316697	-.139027	.1127091	-.061161	.0145384	177.5349
#2	.0298264	-.133606	.1185861	-.060614	.0137781	189.3480
#3	.0343598	-.130401	.1198363	-.060155	.0145419	190.1911

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087200	.0119376	64.43156	.2568996	.2130694	7.263331
Stddev	.039852	.0001782	2.48286	.0020079	.0002132	.273619
%RSD	3.665518	1.492837	3.853481	.7815925	.1000395	3.767132

#1	1.041259	.0120267	61.56557	.2591828	.2129848	6.947883
#2	1.107889	.0120537	65.80004	.2554086	.2129116	7.405667
#3	1.112452	.0117324	65.92908	.2561074	.2133119	7.436443

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	97.72156	.5683197	-.028672	.4694621	.7279113	6.649159
Stddev	3.90822	.0044893	.000578	.0158582	.0048250	.018242
%RSD	3.999346	.7899269	2.016177	3.377947	.6628611	.2743559

#1	93.23049	.5632107	-.028676	.4511891	.7238472	6.634363
#2	99.58378	.5701143	-.029248	.4775711	.7266428	6.643574
#3	100.3504	.5716341	-.028092	.4796260	.7332438	6.669541

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.400752	.0070815	5.837166	.0049156	5.430784	.3124676
Stddev	.027696	.0007482	.025413	.0009619	.204891	.0138682
%RSD	6.910939	10.56544	.4353700	19.56834	3.772775	4.438281

#1	-.428551	.0074459	5.851928	.0042424	5.195185	.2968928
#2	-.400545	.0075777	5.807821	.0060173	5.529865	.3170304
#3	-.373161	.0062210	5.851748	.0044871	5.567301	.3234795



Sample Name: K5325-08 Acquired: 10/13/2019 18:38:02 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: 10-10-G Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2686577	.0394209	1.574860	.7210976	F 467.2654	5.506320
Stddev	.0094461	.0004327	.044984	.0006815	14.3197	.188429
%RSD	3.516028	1.097723	2.856363	.0945041	3.064565	3.422043

#1	.2577505	.0399044	1.523220	.7207863	451.1315	5.293824
#2	.2740596	.0392884	1.595831	.7218791	472.1976	5.572078
#3	.2741631	.0390700	1.605530	.7206274	478.4670	5.653059

Elem	K_7664
Units	ppm
Avg	F 27.26458
Stddev	.92248
%RSD	3.383435

#1	26.20810
#2	27.67517
#3	27.91049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.170	33251.39	7764.638	1535.432	1971.905
Stddev	1.958	74.30	70.343	13.973	2.499
%RSD	.0837750	.2234419	.9059358	.9100522	.1267435

#1	2336.776	33262.46	7840.013	1551.351	1974.131
#2	2339.296	33319.54	7700.739	1529.751	1972.385
#3	2335.440	33172.18	7753.164	1525.195	1969.201



Sample Name: K5325-09 Acquired: 10/13/2019 18:41:43 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-H Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130336	-.154259	.0968809	-.060048	.0126067	175.6440
Stddev	.0009675	.004102	.0013270	.001173	.0026914	7.1785
%RSD	7.423024	2.658952	1.369692	1.953233	21.34930	4.086939

#1	.0135438	-.158469	.0982289	-.060452	.0101163	167.4293
#2	.0136393	-.150275	.0968380	-.058727	.0122417	178.7927
#3	.0119178	-.154032	.0955760	-.060965	.0154619	180.7101

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8161071	.0095545	49.84685	.2310187	.2184314	6.684988
Stddev	.0310993	.0004661	1.97506	.0004549	.0018907	.256394
%RSD	3.810685	4.878732	3.962246	.1969064	.8655623	3.835369

#1	.7809169	.0091212	47.57406	.2305548	.2204723	6.391033
#2	.8275053	.0100477	50.82002	.2314640	.2180824	6.801461
#3	.8398991	.0094947	51.14649	.2310374	.2167396	6.862471

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.03229	.4922661	-.028643	.6375329	.5347431	5.820025
Stddev	3.06521	.0069824	.000294	.0287997	.0045384	.051536
%RSD	4.031453	1.418418	1.025593	4.517363	.8487111	.8854959

#1	72.53011	.4999830	-.028976	.6046366	.5393992	5.859893
#2	77.34000	.4904302	-.028418	.6581993	.5344979	5.838352
#3	78.22674	.4863851	-.028537	.6497630	.5303322	5.761831

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.385227	.0084883	1.950978	.0051553	7.259736	.2241747
Stddev	.013068	.0006096	.029405	.0010603	.273012	.0114393
%RSD	3.392255	7.181089	1.507191	20.56631	3.760636	5.102826

#1	-.382531	.0079890	1.982409	.0044253	6.946461	.2110851
#2	-.399432	.0083083	1.946387	.0063714	7.385880	.2291861
#3	-.373717	.0091676	1.924139	.0046691	7.446867	.2322531



Sample Name: K5325-09 Acquired: 10/13/2019 18:41:43 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-H Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2149998	.0373904	1.519699	.9180075	F 442.7159	4.470629
Stddev	.0088805	.0004639	.054802	.0031487	12.9986	.165304
%RSD	4.130483	1.240785	3.606096	.3429952	2.936098	3.697552

#1	.2047908	.0371531	1.473940	.9207369	428.4545	4.286135
#2	.2192698	.0370930	1.504725	.9187230	445.7944	4.520485
#3	.2209388	.0379249	1.580431	.9145626	453.8989	4.605266

Elem	K_7664
Units	ppm
Avg	F 18.38140
Stddev	.73389
%RSD	3.992571

#1	17.56415
#2	18.59593
#3	18.98412

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.491	33329.74	7767.226	1539.219	1986.458
Stddev	12.337	190.51	83.210	17.929	14.197
%RSD	.5284546	.5715827	1.071294	1.164830	.7147119

#1	2326.161	33110.81	7857.061	1518.696	1971.722
#2	2328.648	33420.62	7692.794	1547.126	1987.603
#3	2348.664	33457.78	7751.823	1551.837	2000.047



Sample Name: K5325-10 Acquired: 10/13/2019 18:45:25 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-I Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154397	-.087756	.0924899	-.030059	.0123143	117.1160
Stddev	.0015806	.003080	.0018423	.000142	.0026284	4.8979
%RSD	10.23712	3.509400	1.991907	.4710807	21.34430	4.182061

#1	.0160453	-.090617	.0946172	-.030120	.0152919	111.5526
#2	.0166279	-.088156	.0914224	-.030160	.0103169	119.0169
#3	.0136459	-.084496	.0914300	-.029897	.0113340	120.7784

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6665634	.0065334	66.54989	.1980463	.1427332	5.521978
Stddev	.0260139	.0005262	2.74298	.0041105	.0005694	.226885
%RSD	3.902689	8.053683	4.121683	2.075509	.3988972	4.108765

#1	.6366699	.0060482	63.45051	.1933964	.1422799	5.263245
#2	.6789587	.0064594	67.53450	.2011959	.1425474	5.615712
#3	.6840615	.0070927	68.66465	.1995466	.1433722	5.686978

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.37010	.3753388	-.019314	.3356518	.5266952	5.288111
Stddev	2.72892	.0035489	.000156	.0141145	.0131521	.018580
%RSD	4.306322	.9455291	.8070420	4.205105	2.497103	.3513510

#1	60.27961	.3712832	-.019397	.3193989	.5117405	5.276716
#2	64.38277	.3768578	-.019410	.3427287	.5364628	5.278067
#3	65.44793	.3778755	-.019134	.3448277	.5318824	5.309551

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.275970	.0075981	2.787412	.0038963	4.000050	.2094410
Stddev	.007871	.0002084	.009892	.0018107	.158624	.0092817
%RSD	2.852160	2.742562	.3548904	46.47276	3.965561	4.431641

#1	-.275919	.0073599	2.792433	.0025389	3.819072	.1987241
#2	-.283867	.0076878	2.776016	.0031978	4.066105	.2149020
#3	-.268125	.0077467	2.793787	.0059523	4.114973	.2146969



Sample Name: K5325-10 Acquired: 10/13/2019 18:45:25 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: 10-10-I Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2770933	.0246409	1.390890	.5508284	F 292.8988	5.257579
Stddev	.0089674	.0003646	.026779	.0012340	7.7817	.168787
%RSD	3.236222	1.479691	1.925309	.2240273	2.656795	3.210362

#1	.2668991	.0242670	1.365950	.5503438	284.3248	5.068771
#2	.2806178	.0249955	1.387529	.5522311	294.8577	5.310116
#3	.2837629	.0246601	1.419191	.5499102	299.5139	5.393850

Elem	K_7664
Units	ppm
Avg	F 14.30332
Stddev	.42412
%RSD	2.965156

#1	13.83734
#2	14.40583
#3	14.66678

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.395	31974.20	7339.959	1467.314	1989.953
Stddev	11.599	659.09	105.608	35.507	13.129
%RSD	.5175115	2.061322	1.438807	2.419853	.6597660

#1	2238.949	32735.08	7461.514	1508.119	1986.289
#2	2254.023	31579.55	7270.733	1443.454	2004.525
#3	2231.214	31607.98	7287.630	1450.369	1979.046



Sample Name: CCV08 Acquired: 10/13/2019 18:49:08 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.787974	4.801137	4.728993	4.849759	4.820558	9.673354
Stddev	.042589	.042899	.040603	.039845	.044817	.421851
%RSD	.8894892	.8935106	.8585955	.8215912	.9297058	4.360961

#1	4.817444	4.836544	4.762926	4.887012	4.856695	9.193165
#2	4.807334	4.813434	4.740044	4.854516	4.834570	9.842575
#3	4.739145	4.753432	4.684009	4.807749	4.770410	9.984320

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.709963	.2475359	24.15643	.9941247	2.386763	2.409820
Stddev	.435642	.0037819	1.16798	.0051919	.016574	.104154
%RSD	4.486544	1.527808	4.835055	.5222585	.6944269	4.322055

#1	9.211819	.2432170	22.81744	.9883977	2.398737	2.290851
#2	9.898428	.2502549	24.68626	.9985235	2.393706	2.454048
#3	10.01964	.2491356	24.96558	.9954528	2.367847	2.484561

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.34788	2.397165	1.219195	2.375991	2.436558	5.000608
Stddev	1.07305	.020316	.002083	.114137	.012489	.037417
%RSD	4.407149	.8475185	.1708345	4.803761	.5125506	.7482552

#1	23.11813	2.413637	1.220363	2.246847	2.438066	5.029638
#2	24.83156	2.403396	1.220432	2.417790	2.423383	5.013805
#3	25.09395	2.374463	1.216791	2.463336	2.448224	4.958380

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.927176	4.892173	4.731831	4.747359	4.817175	4.800701
Stddev	.071117	.032366	.029458	.007786	.216006	.218496
%RSD	1.443368	.6615815	.6225517	.1640087	4.484089	4.551332

#1	4.845099	4.915950	4.750305	4.746142	4.570033	4.550659
#2	4.970487	4.905256	4.747329	4.755682	4.911604	4.896575
#3	4.965943	4.855314	4.697859	4.740253	4.969889	4.954870



Sample Name: CCV08 Acquired: 10/13/2019 18:49:08 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.861008	F 2.485953	4.877052	1.249189	4.940537	23.90517
Stddev	.211771	.004337	.175444	.008409	.146570	.77637
%RSD	4.356522	.1744541	3.597331	.6731392	2.966678	3.247690

#1	4.619519	2.487383	4.679961	1.242000	4.780061	23.02661
#2	4.948452	2.489394	4.935021	1.247132	4.974209	24.19005
#3	5.015055	2.481082	5.016176	1.258436	5.067340	24.49885

Elem	K_7664
Units	ppm
Avg	F 24.54359
Stddev	.84519
%RSD	3.443642

#1	23.57400
#2	24.93207
#3	25.12469

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.627	26996.21	6120.620	1229.608	1900.699
Stddev	11.043	58.32	95.652	7.264	13.323
%RSD	.5755752	.2160170	1.562788	.5907963	.7009291

#1	1908.910	26930.96	6231.069	1225.542	1889.372
#2	1916.336	27043.25	6065.011	1237.995	1897.348
#3	1930.637	27014.42	6065.780	1225.287	1915.377



Sample Name: CCB08 Acquired: 10/13/2019 18:52:39 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001980	.0021559	.0007223	-.002014	.0000697	-.010457	-.000754
Stddev	.001714	.0026101	.0017791	.001417	.0020172	.006365	.000861
%RSD	86.54601	121.0692	246.3007	70.33906	2894.715	60.87018	114.2100

#1	-.000856	-.000077	.0001238	-.002984	-.002231	-.005425	-.000880
#2	-.003953	.001519	.0027235	-.000388	.001535	-.008334	.000163
#3	-.001131	.005025	-.000680	-.002670	.000904	-.017613	-.001546

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000131	-.017501	-.000127	.0003081	-.000431	.0522686	.0004044
Stddev	.000013	.014493	.000205	.0002269	.000312	.0197320	.0003556
%RSD	9.898431	82.81107	161.6510	73.63462	72.43498	37.75107	87.91613

#1	-.000138	-.006300	-.000358	.0000907	-.000723	.0471341	.0007730
#2	-.000116	-.033869	.000033	.0002902	-.000467	.0356114	.0000635
#3	-.000140	-.012334	-.000056	.0005434	-.000102	.0740602	.0003769

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000970	.0021749	-.000483	-.002246	-.002841	.0012854	-.002076
Stddev	.000342	.0020525	.000469	.001577	.000868	.0003338	.005073
%RSD	35.25367	94.37369	97.08619	70.20801	30.56851	25.97231	244.3260

#1	-.000637	-.000195	-.000542	-.002928	-.003818	.0016655	.000764
#2	-.000953	.003368	-.000920	-.003367	-.002549	.0011506	-.007933
#3	-.001321	.003352	.000013	-.000443	-.002156	.0010400	.000940

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002645	.0015305	.0010496	.0000478	-.000018	.0257770	.0003399
Stddev	.0002556	.0007331	.0008937	.0000652	.000294	.0264822	.0006748
%RSD	96.62909	47.89706	85.15262	136.3869	1671.434	102.7358	198.5189

#1	.0002348	.0013310	.0008045	.0000672	-.000267	.0549372	.0001137
#2	.0000251	.0009179	.0003039	-.000025	.000307	.0191700	-.000193
#3	.0005336	.0023427	.0020403	.000101	-.000093	.0032238	.001099



Sample Name: CCB08 Acquired: 10/13/2019 18:52:39 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.003954	-.061576	-.074705
Stddev	.013437	.010899	.026156
%RSD	339.8395	17.70074	35.01275

#1	-.018851	-.071859	-.074657
#2	.007252	-.062720	-.048572
#3	-.000263	-.050150	-.100884

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.754	28044.22	6168.150	1293.967	2071.580
Stddev	2.398	1.23	71.592	16.701	.818
%RSD	.1221545	.0043889	1.160672	1.290659	.0394942

#1	1965.344	28044.54	6248.575	1285.689	2071.286
#2	1962.308	28042.85	6111.378	1313.190	2070.950
#3	1960.611	28045.25	6144.496	1283.022	2072.505



Sample Name: K5325-11 Acquired: 10/13/2019 18:56:34 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-J Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307174	-.140392	.1411425	-.072571	.0155536	226.5106
Stddev	.0026225	.003640	.0013715	.005592	.0029505	8.0166
%RSD	8.537375	2.592464	.9717134	7.706148	18.96977	3.539160

#1	.0336090	-.144268	.1408522	-.078457	.0181028	217.4034
#2	.0300504	-.139859	.1399394	-.067328	.0162365	229.6289
#3	.0284929	-.137048	.1426360	-.071929	.0123216	232.4994

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.357873	.0154687	81.09564	.3033998	.2568751	9.168605
Stddev	.049059	.0000763	2.82494	.0071020	.0011990	.329325
%RSD	3.612909	.4932151	3.483461	2.340806	.4667466	3.591878

#1	1.302406	.0155559	77.92252	.3048844	.2559892	8.791269
#2	1.375640	.0154365	82.02742	.3096422	.2563966	9.316434
#3	1.395572	.0154138	83.33699	.2956729	.2582394	9.398114

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	121.7519	.6857647	-.031267	.5375971	.8448740	7.320178
Stddev	4.1181	.0023810	.001414	.0227853	.0174085	.043522
%RSD	3.382354	.3472082	4.521282	4.238354	2.060491	.5945434

#1	117.0984	.6830200	-.032324	.5114622	.8565687	7.291861
#2	123.2318	.6869991	-.031817	.5480390	.8531857	7.298383
#3	124.9255	.6872751	-.029662	.5532901	.8248674	7.370292

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.406288	.0066073	2.631724	.0064775	5.322934	.3742803
Stddev	.018287	.0004193	.017543	.0003078	.178063	.0149176
%RSD	4.500881	6.345854	.6665828	4.751795	3.345213	3.985666

#1	-.415769	.0069810	2.615365	.0068321	5.125414	.3570990
#2	-.417888	.0066869	2.629558	.0063204	5.372236	.3818042
#3	-.385208	.0061539	2.650249	.0062799	5.471151	.3839375



Sample Name: K5325-11 Acquired: 10/13/2019 18:56:34 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 10-10-J Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3289844	.0477724	1.717133	.8785923	F 557.4053	5.713674
Stddev	.0119986	.0008219	.053298	.0014513	15.9124	.185891
%RSD	3.647160	1.720466	3.103867	.1651806	2.854719	3.253444

#1	.3153215	.0477140	1.681752	.8773848	539.6700	5.503875
#2	.3338257	.0486219	1.778433	.8781897	562.1140	5.779283
#3	.3378060	.0469812	1.691214	.8802023	570.4319	5.857864

Elem	K_7664
Units	ppm
Avg	F 34.36081
Stddev	1.13491
%RSD	3.302931

#1	33.07644
#2	34.77754
#3	35.22844

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.020	34329.01	8024.330	1584.808	1987.851
Stddev	5.264	583.02	45.561	24.003	5.256
%RSD	.2161646	1.698332	.5677827	1.514567	.2643902

#1	2428.971	33851.67	8075.339	1560.267	1989.210
#2	2437.529	34156.56	7987.674	1585.923	1992.294
#3	2438.559	34978.80	8009.976	1608.234	1982.049



Sample Name: K5149-01 Acquired: 10/13/2019 19:00:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0295352	k -.107047	.6672421	-.024921	k .0113901	138.2819
Stddev	.0013262	.012433	.0065619	.003900	.0018617	5.1068
%RSD	4.490144	11.61423	.9834401	15.64938	16.34470	3.693001

#1	k .0282195	k -.121103	.6621786	-.027081	k .0120925	132.5880
#2	.0308716	-.102545	.6746554	-.027262	.0092794	139.8011
#3	.0295146	-.097492	.6648922	-.020418	.0127983	142.4567

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7290695	.0062833	95.11825	s .2406571	.1368936	4.377745
Stddev	.0245042	.0002720	3.32687	.0134614	.0006087	.149690
%RSD	3.361018	4.329229	3.497615	5.593614	.4446328	3.419346

#1	.7017490	.0059698	91.37861	s .2561972	.1368497	4.208125
#2	.7363542	.0064237	96.22691	.2325883	.1375230	4.433765
#3	.7491053	.0064564	97.74923	.2331858	.1363080	4.491346

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.58445	.3689093	s -.022461	k .4419204	.7838309	k 8.197206
Stddev	2.00812	.0010682	.003233	.0203234	.0418640	.002554
%RSD	3.818852	.2895621	14.39283	4.598881	5.340943	.0311557

#1	50.31901	.3685671	s -.026089	k .4185637	.7363586	k 8.194312
#2	53.28893	.3680542	-.021409	.4516260	.8154651	8.198164
#3	54.14541	.3701067	-.019885	.4555713	.7996689	8.199143

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.235897	.0056352	3.466462	.0267504	4.604642	.1321570
Stddev	.003003	.0005061	.013674	.0015561	.128403	.0051267
%RSD	1.273008	8.981051	.3944562	5.817132	2.788560	3.879237

#1	k -.238674	.0061778	3.478360	.0257966	4.463814	.1262997
#2	-.232710	.0055518	3.469501	.0285461	4.634896	.1343429
#3	-.236306	.0051760	3.451524	.0259085	4.715217	.1358284



Sample Name: K5149-01 Acquired: 10/13/2019 19:00:16 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3882895	.0278361	3.118277	.6611135	F 311.8764	F 14.70760
Stddev	.0132017	.0004856	.082582	.0037200	8.7091	.41020
%RSD	3.399958	1.744534	2.648318	.5626902	2.792482	2.789019

#1	.3734800	.0281495	3.035372	.6654090	301.8900	14.24098
#2	.3925651	.0280820	3.200532	.6589709	315.8435	14.87049
#3	.3988236	.0272767	3.118929	.6589607	317.8956	15.01133

Elem	K_7664
Units	ppm
Avg	F 10.69785
Stddev	.32385
%RSD	3.027219

#1	10.32452
#2	10.90309
#3	10.86594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2264.685	^ *****	7481.066	1500.888	1966.790
Stddev	15.524	-----	62.420	54.759	14.893
%RSD	.6854635	-----	.8343715	3.648472	.7572243

#1	2282.000	^ -----	7540.851	1563.502	1983.973
#2	2260.041	32069.01	7486.039	1461.951	1957.594
#3	2252.013	32033.46	7416.309	1477.211	1958.803



Sample Name: K5266-01 Acquired: 10/13/2019 19:04:00 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190849-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0762315	-.058438	.7665844	-.020884	.0105496	115.2659
Stddev	.0019913	.004460	.0015796	.003105	.0025971	4.8817
%RSD	2.612127	7.632225	.2060637	14.86778	24.61752	4.235207

#1	.0766270	-.055493	.7650678	-.024401	.0115749	116.9195
#2	.0740722	-.063570	.7682203	-.018523	.0124775	109.7721
#3	.0779954	-.056252	.7664652	-.019727	.0075964	119.1060

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4860234	.0068460	68.60837	.4649460	.1057636	4.972021
Stddev	.0197851	.0000668	2.80848	.0021929	.0004010	.206329
%RSD	4.070807	.9753089	4.093501	.4716379	.3791778	4.149808

#1	.4954626	.0069143	69.67577	.4636702	.1057375	5.057371
#2	.4632864	.0067809	65.42268	.4674781	.1061771	4.736711
#3	.4993211	.0068428	70.72667	.4636898	.1053763	5.121982

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.20943	.4913565	-.008527	.2573193	1.526769	10.88875
Stddev	3.34180	.0014045	.000418	.0081752	.003925	.00776
%RSD	4.328227	.2858410	4.907933	3.177050	.2570936	.0712946

#1	78.41583	.4906279	-.008482	.2579234	1.525050	10.88414
#2	73.43195	.4929756	-.008966	.2488588	1.531260	10.88439
#3	79.78051	.4904661	-.008133	.2651756	1.523996	10.89771

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.111642	.0081097	71.75382	.0938186	1.889638	.2500383
Stddev	.028222	.0001594	.75080	.0008813	.066942	.0086297
%RSD	25.27882	1.965771	1.046351	.9394117	3.542607	3.451353

#1	-.135506	.0079264	71.48181	.0941333	1.907341	.2527626
#2	-.080491	.0081866	71.17694	.0928231	1.815623	.2403753
#3	-.118928	.0082160	72.60271	.0944994	1.945949	.2569771



Sample Name: K5266-01 Acquired: 10/13/2019 19:04:00 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190849-COM Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4427359	.0280247	8.247075	.8054914	F 294.2345	F 112.4831
Stddev	.0186130	.0001051	.152516	.0094530	4.9384	1.7548
%RSD	4.204077	.3751993	1.849335	1.173570	1.678404	1.560100

#1	.4500612	.0280242	8.073194	.8125414	289.0399	110.5650
#2	.4215747	.0281301	8.309824	.8091833	294.7948	112.8764
#3	.4565716	.0279198	8.358207	.7947496	298.8690	114.0080

Elem	K_7664
Units	ppm
Avg	F 31.42800
Stddev	.49925
%RSD	1.588550

#1	30.89006
#2	31.51748
#3	31.87646

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.525	30123.09	7179.362	1395.464	1917.826
Stddev	19.999	113.86	316.709	6.957	19.251
%RSD	.9343160	.3779767	4.411383	.4985608	1.003810

#1	2146.941	30035.59	6939.487	1387.497	1924.347
#2	2156.528	30081.86	7538.360	1398.552	1932.970
#3	2118.105	30251.82	7060.240	1400.342	1896.161



Sample Name: K5266-02 Acquired: 10/13/2019 19:07:43 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190851-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532224	-.061452	.3945865	-.025172	.0121515	91.47822
Stddev	.0001834	.002852	.0027010	.001960	.0022936	6.15451
%RSD	.3445469	4.641046	.6845083	7.786226	18.87468	6.727840

#1	.0531695	-.062461	.3949558	-.026242	.0126796	84.37680
#2	.0530714	-.063663	.3970839	-.022910	.0141349	94.79360
#3	.0534265	-.058233	.3917199	-.026364	.0096399	95.26426

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7141838	.0059785	68.50081	.3505758	.1411522	5.144399
Stddev	.0467683	.0000857	4.50512	.0176617	.0008790	.337886
%RSD	6.548492	1.432753	6.576733	5.037910	.6227597	6.568045

#1	.6603654	.0058822	63.30461	.3302416	.1417597	4.754388
#2	.7372252	.0060463	70.88496	.3620936	.1401442	5.330143
#3	.7449607	.0060069	71.31284	.3593923	.1415527	5.348666

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.72685	.8263618	-.011467	.2536586	2.838832	8.315629
Stddev	5.46010	.0007655	.001003	.0172700	.104593	.016264
%RSD	6.848503	.0926298	8.743251	6.808358	3.684373	.1955855

#1	73.42745	.8271250	-.010337	.2343456	2.723635	8.329139
#2	82.65115	.8263664	-.011813	.2676174	2.865013	8.297577
#3	83.10194	.8255941	-.012251	.2590127	2.927847	8.320173

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.219040	.0063317	32.23388	.0487728	2.393576	.1728185
Stddev	.015630	.0004655	.07832	.0003112	.156059	.0120832
%RSD	7.135856	7.352086	.2429641	.6379851	6.519890	6.991867

#1	-.204365	.0066377	32.32290	.0486569	2.213519	.1589765
#2	-.235477	.0057960	32.20319	.0491253	2.477373	.1782220
#3	-.217278	.0065614	32.17556	.0485362	2.489837	.1812571



Sample Name: K5266-02 Acquired: 10/13/2019 19:07:43 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190851-COM Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3295696	.0326463	2.960930	.5659157	F 266.2166	F 19.32093
Stddev	.0216466	.0000958	.058896	.0024425	9.8847	.70036
%RSD	6.568134	.2935822	1.989104	.4316062	3.713021	3.624885
#1	.3046003	.0327145	2.894612	.5632671	254.8236	18.51234
#2	.3410664	.0326876	2.981044	.5664005	271.3153	19.71341
#3	.3430420	.0325367	3.007134	.5680794	272.5108	19.73705

Elem	K_7664
Units	ppm
Avg	F 18.47882
Stddev	.70438
%RSD	3.811832
#1	17.66664
#2	18.92271
#3	18.84711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.850	31075.52	7146.256	1430.457	1942.233
Stddev	9.141	1036.54	220.144	38.775	7.440
%RSD	.4269808	3.335557	3.080552	2.710649	.3830655
#1	2130.540	32269.43	7400.130	1473.404	1933.756
#2	2147.961	30551.65	7030.476	1419.943	1947.676
#3	2144.050	30405.47	7008.162	1398.023	1945.268



Sample Name: K5266-03 Acquired: 10/13/2019 19:11:24 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190845-D-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819128	-.055508	.6735766	-.021500	.0135030	117.8200
Stddev	.0008305	.001944	.0037256	.000825	.0027194	5.3633
%RSD	1.013921	3.502222	.5531057	3.838203	20.13898	4.552116

#1	.0810639	-.053638	.6775913	-.022452	.0164780	111.6756
#2	.0819507	-.057519	.6729077	-.021066	.0111455	121.5624
#3	.0827237	-.055368	.6702307	-.020983	.0128855	120.2222

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4817695	.0068485	75.71366	.4396675	.1030828	7.799523
Stddev	.0208797	.0003100	3.30502	.0021372	.0003289	.349799
%RSD	4.333954	4.527102	4.365151	.4861028	.3190592	4.484881

#1	.4578149	.0065468	71.92014	.4411393	.1034004	7.398038
#2	.4961117	.0071662	77.97097	.4372160	.1031044	8.038566
#3	.4913820	.0068325	77.24988	.4406472	.1027437	7.961964

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.68963	.4242118	-.010493	.2617659	1.395272	12.05624
Stddev	3.29172	.0029853	.000666	.0114557	.008155	.03755
%RSD	4.467011	.7037189	6.343866	4.376308	.5844396	.3114520

#1	69.92678	.4267956	-.011118	.2486025	1.396186	12.07263
#2	76.03601	.4209439	-.009793	.2672183	1.386699	12.01328
#3	75.10609	.4248959	-.010569	.2694769	1.402930	12.08280

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093683	.0066987	56.25903	.0788343	1.847062	.2562267
Stddev	.008619	.0006640	.13091	.0018187	.080296	.0125117
%RSD	9.200648	9.912914	.2327003	2.306966	4.347235	4.883056

#1	-.087007	.0071765	56.35749	.0792933	1.754384	.2419895
#2	-.103414	.0069791	56.11046	.0768302	1.891025	.2654713
#3	-.090629	.0059404	56.30915	.0803796	1.895775	.2612192



Sample Name: K5266-03 Acquired: 10/13/2019 19:11:24 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190845-D-2 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187990	.0261660	8.326573	.6642077	F 298.4835	F 129.1586
Stddev	.0226192	.0001187	.188412	.0037993	6.5194	2.6191
%RSD	4.359915	.4536093	2.262780	.5719987	2.184162	2.027834

#1	.4927945	.0261108	8.129249	.6620082	291.2073	126.2093
#2	.5339114	.0260850	8.345883	.6620201	300.4497	130.0535
#3	.5296911	.0263023	8.504586	.6685947	303.7934	131.2130

Elem	K_7664
Units	ppm
Avg	F 32.16730
Stddev	.67434
%RSD	2.096357

#1	31.40494
#2	32.41122
#3	32.68574

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.530	29725.27	7115.827	1372.070	1910.447
Stddev	1.335	89.60	188.402	4.134	4.565
%RSD	.0631372	.3014421	2.647652	.3012616	.2389721

#1	2113.414	29703.84	7318.470	1367.584	1906.252
#2	2114.168	29823.64	6945.968	1375.725	1915.309
#3	2116.009	29648.32	7083.042	1372.900	1909.780



Sample Name: K5266-06 Acquired: 10/13/2019 19:15:06 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190854-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932368	-.088899	.6679676	-.003234	.0237746	165.4977
Stddev	.0029669	.005188	.0065758	.001386	.0011848	7.3370
%RSD	3.182167	5.835605	.9844435	42.86726	4.983442	4.433265

#1	.0966558	-.093588	.6603856	-.002860	.0251425	157.0300
#2	.0913381	-.083326	.6714029	-.004769	.0231056	169.4990
#3	.0917165	-.089783	.6721142	-.002073	.0230756	169.9641

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7333131	.0083706	F 846.0545	.4990561	.1168075	6.220657
Stddev	.0273052	.0002058	34.9151	.0021925	.0002613	.271517
%RSD	3.723534	2.459269	4.126818	.4393355	.2237410	4.364767

#1	.7017967	.0083893	805.7450	.4974787	.1170158	5.907498
#2	.7482889	.0081560	865.5587	.4981298	.1165143	6.364187
#3	.7498535	.0085664	866.8599	.5015597	.1168925	6.390286

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.5383	.5295705	-.015650	.2884395	2.382413	13.79269
Stddev	4.1523	.0011121	.000706	.0125491	.008246	.01581
%RSD	4.089390	.2100046	4.512724	4.350681	.3461304	.1146098

#1	96.7440	.5294241	-.016465	.2741102	2.380571	13.80709
#2	103.8896	.5285388	-.015255	.2937379	2.375243	13.77577
#3	103.9815	.5307486	-.015229	.2974704	2.391424	13.79521

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.094686	.0075378	98.38317	.0777069	3.424905	.3120957
Stddev	.008189	.0004828	.18462	.0006355	.152693	.0140753
%RSD	8.648925	6.404871	.1876522	.8178440	4.458318	4.509942

#1	-.097851	.0069946	98.42608	.0770300	3.248634	.2958910
#2	-.100820	.0077007	98.18087	.0782908	3.516454	.3191156
#3	-.085387	.0079180	98.54255	.0777999	3.509627	.3212804



Sample Name: K5266-06 Acquired: 10/13/2019 19:15:06 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190854-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.639957	.0271736	2.018623	.6871563	F 288.3439	F 108.5721
Stddev	.182043	.0000677	.070958	.0036241	7.2018	2.4927
%RSD	3.923385	.2492427	3.515187	.5274016	2.497652	2.295887

#1	4.429774	.0272378	1.939095	.6907480	280.1197	105.7471
#2	4.742390	.0271803	2.075462	.6835007	291.3889	109.5071
#3	4.747707	.0271028	2.041314	.6872201	293.5230	110.4621

Elem	K_7664
Units	ppm
Avg	F 46.21500
Stddev	1.15707
%RSD	2.503674

#1	44.91365
#2	46.60361
#3	47.12774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.745	27852.63	6916.427	1277.197	1703.332
Stddev	2.265	86.45	116.573	5.118	1.099
%RSD	.1144893	.3103905	1.685448	.4007457	.0645182

#1	1981.358	27800.27	7047.843	1271.447	1702.089
#2	1977.330	27805.22	6825.489	1281.256	1703.732
#3	1977.548	27952.42	6875.948	1278.887	1704.174



Sample Name: K5266-07 Acquired: 10/13/2019 19:18:47 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190856-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0704287	-.086710	.4842563	.0094722	.0241196	136.2446
Stddev	.0022323	.005324	.0038331	.0044622	.0032384	15.2108
%RSD	3.169636	6.140337	.7915495	47.10863	13.42633	11.16437

#1	.0679803	-.092665	.4838383	.0043200	.0222830	124.7336
#2	.0723509	-.082409	.4806493	.0119984	.0222170	130.5113
#3	.0709549	-.085056	.4882813	.0120983	.0278588	153.4889

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8875347	.0083603	F 926.4104	.4014463	.1393658	5.665946
Stddev	.0944067	.0007351	98.4854	.0055158	.0013213	.602374
%RSD	10.63696	8.792745	10.63087	1.373985	.9480855	10.63148

#1	.8185459	.0079550	855.2285	.3953589	.1406465	5.231460
#2	.8489331	.0079171	885.1948	.4061123	.1394434	5.412795
#3	.9951252	.0092088	1038.808	.4028676	.1380073	6.353584

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	108.3029	.8690325	-.016870	.2704482	3.720669	10.08509
Stddev	11.8048	.0032179	.000755	.0317246	.043354	.02366
%RSD	10.89976	.3702855	4.474341	11.73038	1.165234	.2345789

#1	99.7465	.8717091	-.017318	.2464702	3.671130	10.08301
#2	103.3918	.8654622	-.015999	.2584530	3.739191	10.06254
#3	121.7704	.8699262	-.017294	.3064214	3.751686	10.10972

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.143210	.0072197	70.40386	.0654770	3.861516	.2400464
Stddev	.035805	.0002427	.32255	.0015740	.414525	.0261258
%RSD	25.00168	3.361536	.4581457	2.403830	10.73477	10.88364

#1	-.155892	.0069458	70.35681	.0656468	3.557475	.2220656
#2	-.102791	.0073049	70.10741	.0638250	3.693380	.2280588
#3	-.170949	.0074082	70.74735	.0669591	4.333693	.2700147



Sample Name: K5266-07 Acquired: 10/13/2019 19:18:47 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190856-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.855039	.0274802	1.797533	.6238754	F 239.9266	F 24.27460
Stddev	.515751	.0006044	.103597	.0022832	12.6994	1.21511
%RSD	10.62301	2.199271	5.763264	.3659731	5.293045	5.005703

#1	4.478009	.0268087	1.682569	.6212415	225.8598	22.92091
#2	4.644323	.0279804	1.826382	.6250934	243.3727	24.63186
#3	5.442785	.0276515	1.883647	.6252914	250.5473	25.27104

Elem	K_7664
Units	ppm
Avg	F 34.39663
Stddev	1.67901
%RSD	4.881331

#1	32.49879
#2	35.00245
#3	35.68866

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.948	27998.20	6787.741	1284.377	1694.521
Stddev	3.018	359.52	455.378	14.663	7.882
%RSD	.1539145	1.284100	6.708832	1.141636	.4651648

#1	1958.747	28409.86	6897.888	1300.801	1692.044
#2	1964.388	27745.86	7177.943	1272.603	1703.344
#3	1959.708	27838.89	6287.393	1279.728	1688.175



Sample Name: K5316-01 Acquired: 10/13/2019 19:22:30 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514618	-.068651	1.709508	-.009801	.0153504	129.3841
Stddev	.0013136	.002461	.001909	.007429	.0026521	4.8641
%RSD	2.552629	3.584919	.1116514	75.79932	17.27694	3.759460

#1	.0525252	-.069654	1.709325	-.005026	.0145626	123.7740
#2	.0518668	-.065847	1.711502	-.018359	.0183072	131.9553
#3	.0499933	-.070452	1.707698	-.006017	.0131815	132.4230

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.750169	.0073867	149.8192	.2091151	.1191643	4.782803
Stddev	.063633	.0003673	5.7942	.0013979	.0003310	.173523
%RSD	3.635814	4.971915	3.867446	.6684728	.2777762	3.628065

#1	1.676736	.0069635	143.1430	.2107288	.1192221	4.582855
#2	1.784689	.0075750	152.7780	.2082752	.1194626	4.871553
#3	1.789083	.0076217	153.5365	.2083415	.1188082	4.894000

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.87152	.3879792	-.018270	.3575377	1.609357	7.405467
Stddev	2.40830	.0004241	.000332	.0155724	.011815	.008954
%RSD	3.656062	.1093240	1.817591	4.355468	.7341200	.1209090

#1	63.10372	.3882943	-.017904	.3397317	1.614893	7.412382
#2	67.02223	.3881463	-.018552	.3686106	1.617388	7.408667
#3	67.48861	.3874969	-.018353	.3642710	1.595791	7.395353

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.256256	.0099282	18.37801	.0296490	2.463490	.1923329
Stddev	.012646	.0001485	.04236	.0012966	.096851	.0082572
%RSD	4.934830	1.495192	.2304894	4.373175	3.931453	4.293171

#1	-.242241	.0098408	18.41982	.0298958	2.351699	.1828604
#2	-.259710	.0100996	18.37909	.0308045	2.522075	.1980100
#3	-.266815	.0098442	18.33513	.0282468	2.516695	.1961282



Sample Name: K5316-01 Acquired: 10/13/2019 19:22:30 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5927972	.0299933	2.388628	.6272166	F 282.7979	3.869500
Stddev	.0224682	.0003335	.026292	.0014594	5.5379	.105987
%RSD	3.790192	1.111879	1.100729	.2326762	1.958264	2.739036

#1	.5669149	.0303612	2.358275	.6268535	276.4649	3.747149
#2	.6041896	.0299078	2.403271	.6259731	285.1976	3.928232
#3	.6072871	.0297109	2.404339	.6288233	286.7313	3.933118

Elem	K_7664
Units	ppm
Avg	F 14.45096
Stddev	.33161
%RSD	2.294747

#1	14.07144
#2	14.59661
#3	14.68482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.659	31401.29	7439.151	1447.319	1923.683
Stddev	.333	143.21	143.126	19.417	4.954
%RSD	.0151795	.4560670	1.923956	1.341591	.2575135

#1	2195.274	31251.11	7604.038	1435.658	1921.574
#2	2195.834	31416.44	7347.003	1436.565	1920.133
#3	2195.867	31536.33	7366.410	1469.734	1929.342



Sample Name: K5316-03 Acquired: 10/13/2019 19:26:13 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489201	-.054774	1.831430	.0053433	.0158953	102.5136
Stddev	.0016745	.003052	.006714	.0018675	.0016887	6.2602
%RSD	3.422914	5.572679	.3665724	34.94983	10.62403	6.106709

#1	.0492242	-.055288	1.823774	.0045744	.0140082	95.2851
#2	.0504216	-.051497	1.834202	.0039831	.0172641	106.1721
#3	.0471143	-.057536	1.836314	.0074725	.0164136	106.0834

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.919622	.0071149	167.9880	.1505344	.0942333	3.685779
Stddev	.118531	.0002280	10.2453	.0006850	.0003777	.219724
%RSD	6.174718	3.205131	6.098799	.4550629	.4008356	5.961401

#1	1.782925	.0068558	156.1748	.1512485	.0946478	3.432072
#2	1.982054	.0072038	173.3467	.1504720	.0941437	3.814438
#3	1.993887	.0072851	174.4427	.1498827	.0939085	3.810826

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.6815	.3017724	-.015109	.3237320	1.093432	6.301553
Stddev	6.2835	.0022711	.000761	.0187294	.008346	.020535
%RSD	6.240958	.7525860	5.034707	5.785468	.7633250	.3258777

#1	93.4275	.3014570	-.015560	.3022947	1.097684	6.287145
#2	104.1785	.2996755	-.015537	.3369252	1.083816	6.292447
#3	104.4385	.3041847	-.014231	.3319760	1.098796	6.325067

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.215324	.0105741	15.55411	.0340438	1.828682	.1402169
Stddev	.015626	.0001192	.02786	.0003901	.107307	.0083350
%RSD	7.256966	1.127391	.1791125	1.145906	5.868020	5.944384

#1	-.198754	.0107113	15.56764	.0342923	1.705465	.1305929
#2	-.229793	.0105162	15.52207	.0342448	1.878977	.1451128
#3	-.217426	.0104950	15.57262	.0335941	1.901605	.1449449



Sample Name: K5316-03 Acquired: 10/13/2019 19:26:13 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4465653	.0265836	3.049034	.5401803	F 225.6000	2.179908
Stddev	.0259943	.0004038	.065376	.0018869	5.8542	.053239
%RSD	5.820941	1.519149	2.144165	.3493175	2.594944	2.442279

#1	.4165513	.0262646	2.978751	.5387634	218.9230	2.118563
#2	.4612992	.0264484	3.060315	.5394552	228.0249	2.207110
#3	.4618454	.0270376	3.108035	.5423222	229.8521	2.214050

Elem	K_7664
Units	ppm
Avg	F 10.82497
Stddev	.20812
%RSD	1.922546

#1	10.58551
#2	10.92721
#3	10.96219

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.472	30867.14	7369.446	1415.140	1890.001
Stddev	7.588	42.51	286.441	11.744	4.978
%RSD	.3521944	.1377251	3.886870	.8298563	.2633725

#1	2151.326	30820.09	7699.980	1407.619	1888.172
#2	2148.964	30902.77	7193.751	1428.672	1886.197
#3	2163.127	30878.57	7214.607	1409.128	1895.635



Sample Name: K5316-05 Acquired: 10/13/2019 19:29:55 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0290943	-.080140	.9233237	-.052123	.0119951	185.7400
Stddev	.0059430	.000865	.0040482	.002223	.0011432	14.1080
%RSD	20.42655	1.078790	.4384411	4.265306	9.530850	7.595581

#1	.0223006	-.079147	.9193787	-.049710	.0109507	171.3462
#2	.0333296	-.080545	.9274678	-.052571	.0118180	186.3299
#3	.0316527	-.080727	.9231245	-.054088	.0132165	199.5438

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.074326	.0122600	38.33313	.2614165	.1647650	6.169250
Stddev	.149691	.0005619	2.85462	.0073695	.0005516	.449485
%RSD	7.216380	4.583613	7.446864	2.819082	.3347878	7.285896

#1	1.920418	.0117997	35.43405	.2530035	.1651388	5.704094
#2	2.083149	.0120940	38.42424	.2667303	.1650246	6.202430
#3	2.219410	.0128862	41.14110	.2645157	.1641314	6.601226

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.64812	.4750200	-.021173	.3653253	1.206543	6.579103
Stddev	5.81225	.0010326	.001133	.0289256	.044671	.010651
%RSD	7.683272	.2173829	5.350042	7.917751	3.702388	.1618945

#1	69.68220	.4747911	-.019950	.3353391	1.155811	6.566856
#2	75.96872	.4741211	-.022186	.3675785	1.239983	6.584257
#3	81.29343	.4761479	-.021382	.3930584	1.223835	6.586198

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332314	.0067958	2.975681	.0415237	2.686396	.3578459
Stddev	.030329	.0005546	.008314	.0003592	.197433	.0294926
%RSD	9.126620	8.160173	.2793837	.8649450	7.349366	8.241713

#1	-.319515	.0070105	2.971712	.0414323	2.483918	.3275164
#2	-.310483	.0072110	2.985235	.0412190	2.696906	.3595977
#3	-.366945	.0061660	2.970096	.0419197	2.878364	.3864236



Sample Name: K5316-05 Acquired: 10/13/2019 19:29:55 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-10 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2148172	.0328164	2.865053	.5020112	F 368.4311	2.153356
Stddev	.0160110	.0000815	.039799	.0031449	12.8472	.087693
%RSD	7.453318	.2483372	1.389103	.6264673	3.487007	4.072396

#1	.1982484	.0328750	2.821380	.5005973	354.3360	2.057090
#2	.2159982	.0327234	2.874503	.4998214	371.4725	2.174290
#3	.2302050	.0328510	2.899276	.5056150	379.4846	2.228687

Elem	K_7664
Units	ppm
Avg	F 29.83289
Stddev	1.18223
%RSD	3.962851

#1	28.50149
#2	30.23743
#3	30.75975

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2299.272	32951.71	7475.039	1531.770	1985.863
Stddev	4.524	710.82	286.508	40.431	1.417
%RSD	.1967648	2.157169	3.832857	2.639515	.0713712

#1	2301.733	33734.34	7739.458	1576.849	1985.475
#2	2294.051	32346.18	7515.017	1498.714	1984.681
#3	2302.033	32774.60	7170.642	1519.747	1987.434



Sample Name: CCV09 Acquired: 10/13/2019 19:33:35 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.815479	4.843656	4.773938	4.856049	4.854157	9.601597
Stddev	.012977	.021402	.009669	.011769	.009593	.683287
%RSD	.2694779	.4418463	.2025477	.2423641	.1976333	7.116385

#1	4.808990	4.826966	4.765738	4.843677	4.856749	8.824345
#2	4.830420	4.867784	4.784601	4.867105	4.862187	9.872795
#3	4.807027	4.836218	4.771476	4.857366	4.843533	10.10765

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.608620	.2487697	23.94747	.9875060	2.413063	2.390688
Stddev	.607078	.0089211	1.47432	.0026954	.006798	.151448
%RSD	6.318055	3.586071	6.156481	.2729523	.2817222	6.334918

#1	8.924161	.2387019	22.28157	.9859487	2.411659	2.219775
#2	9.819773	.2519156	24.47678	.9906184	2.420454	2.444081
#3	10.08193	.2556916	25.08407	.9859510	2.407077	2.508208

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.17261	2.421718	1.220404	2.331412	2.407331	5.045360
Stddev	1.54425	.005208	.001736	.136635	.008260	.009944
%RSD	6.388428	.2150368	.1422861	5.860603	.3431082	.1970927

#1	22.40934	2.420160	1.221927	2.174986	2.400531	5.044912
#2	24.82432	2.427526	1.220771	2.391813	2.404941	5.055521
#3	25.28418	2.417466	1.218513	2.427437	2.416523	5.035648

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.944602	4.932496	4.745052	4.754966	4.779579	4.771060
Stddev	.179187	.006512	.019017	.023226	.292156	.315712
%RSD	3.623897	.1320189	.4007669	.4884629	6.112581	6.617224

#1	4.743071	4.935365	4.735546	4.736964	4.450567	4.414491
#2	5.004786	4.937082	4.766948	4.781183	4.879523	4.883633
#3	5.085950	4.925043	4.732664	4.746750	5.008647	5.015055



Sample Name: CCV09 Acquired: 10/13/2019 19:33:35 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826385	F 2.498201	4.880669	1.250088	4.910541	23.71680
Stddev	.305562	.007104	.224671	.007237	.173339	.88002
%RSD	6.331083	.2843488	4.603279	.5789262	3.529932	3.710515

#1	4.480855	2.491930	4.639944	1.242528	4.717325	22.72789
#2	4.937303	2.505916	4.917272	1.256951	4.961907	24.00887
#3	5.060997	2.496758	5.084791	1.250785	5.052392	24.41365

Elem	K_7664
Units	ppm
Avg	F 24.43453
Stddev	1.01828
%RSD	4.167398

#1	23.28247
#2	24.80692
#3	25.21420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.339	27097.19	6142.662	1243.245	1887.507
Stddev	6.053	125.35	183.476	2.787	3.775
%RSD	.3170430	.4625931	2.986913	.2241875	.2000041

#1	1902.354	26956.38	6351.244	1240.411	1883.616
#2	1912.601	27138.62	6070.519	1245.983	1887.752
#3	1913.062	27196.59	6006.222	1243.341	1891.154



Sample Name: CCB09 Acquired: 10/13/2019 19:37:06 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003651	.0003589	.0016805	.0002639	-.001317	-.000883	.0002091
Stddev	.001627	.0019135	.0024544	.0042167	.001454	.022317	.0008915
%RSD	44.56549	533.1213	146.0481	1597.787	110.3459	2528.489	426.3468

#1	-.002214	-.000910	.0044868	.0005353	.000136	-.021461	.0009511
#2	-.005418	.002560	-.000066	-.004082	-.001316	.022840	.0004560
#3	-.003322	-.000573	.000621	.004338	-.002771	-.004026	-.000780

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000277	.0109364	-.000055	.0003213	.0002731	.0101596	.0004047
Stddev	.000101	.0107947	.000758	.0001999	.0004137	.0327784	.0007504
%RSD	36.32890	98.70446	1376.877	62.21057	151.4774	322.6340	185.4462

#1	-.000186	-.001273	-.000803	.0003755	.0000537	.0363508	.0009700
#2	-.000260	.019216	.000713	.0004885	.0000153	-.026599	.0006906
#3	-.000385	.014865	-.000076	.0000999	.0007503	.020727	-.000447

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000983	-.000323	-.000547	-.003820	-.001411	.0010456	.0008878
Stddev	.000247	.002068	.000121	.003353	.000425	.0007501	.0023955
%RSD	25.16324	639.3043	22.12452	87.77972	30.11099	71.74219	269.8307

#1	-.000738	.001311	-.000417	-.007033	-.000921	.0019118	-.000674
#2	-.000977	.000367	-.000568	-.000342	-.001625	.0006171	-.000308
#3	-.001233	-.002648	-.000656	-.004086	-.001685	.0006079	.003646

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000150	.0019871	.0003078	.0000794	-.000145	.0061796	.0007592
Stddev	.000244	.0006984	.0010944	.0000675	.000064	.0099612	.0000561
%RSD	162.6546	35.14693	355.5709	84.90827	44.08387	161.1949	7.385683

#1	-.000376	.0014781	-.000285	.0000553	-.000216	.0002432	.0006977
#2	.000109	.0016999	-.000363	.0001556	-.000127	.0176797	.0007724
#3	-.000183	.0027834	.001571	.0000274	-.000092	.0006158	.0008075



Sample Name: CCB09 Acquired: 10/13/2019 19:37:06 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.003585	-.051232	-.085375
Stddev	.003348	.008569	.050016
%RSD	93.39048	16.72498	58.58422

#1	-.006729	-.061089	-.141452
#2	-.003960	-.045563	-.045373
#3	-.000065	-.047044	-.069299

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.804	28162.94	6183.363	1303.330	2067.387
Stddev	8.945	49.66	57.758	4.133	2.808
%RSD	.4543217	.1763156	.9340913	.3170765	.1358430

#1	1965.007	28110.63	6249.875	1299.652	2067.509
#2	1962.384	28168.77	6145.846	1307.802	2064.520
#3	1979.021	28209.42	6154.369	1302.538	2070.133



Sample Name: K5316-07 Acquired: 10/13/2019 19:40:59 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0702947	-.071919	1.024554	-.023614	.0151107	143.2521
Stddev	.0013765	.000981	.006066	.001707	.0011831	3.1060
%RSD	1.958109	1.363701	.5920799	7.228626	7.829519	2.168213

#1	.0706583	-.071116	1.017554	-.021745	.0146286	146.5684
#2	.0687729	-.071630	1.027817	-.024007	.0164587	140.4111
#3	.0714528	-.073012	1.028290	-.025090	.0142448	142.7767

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.471247	.0090850	156.3303	.2202047	.1482014	6.806324
Stddev	.029156	.0005868	3.2954	.0008164	.0005026	.180259
%RSD	1.981732	6.458883	2.107986	.3707564	.3391478	2.648408

#1	1.504595	.0097178	160.0558	.2210795	.1479194	7.007072
#2	1.450571	.0085587	153.7963	.2194630	.1487817	6.658320
#3	1.458575	.0089786	155.1389	.2200716	.1479031	6.753580

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	108.9601	.4480234	-.021257	.3140667	2.242706	7.350160
Stddev	2.5329	.0008255	.001362	.0056920	.024107	.004087
%RSD	2.324656	.1842497	6.404886	1.812360	1.074891	.0556061

#1	111.7342	.4473041	-.022820	.3199515	2.251918	7.352810
#2	106.7705	.4489247	-.020325	.3136591	2.260848	7.352216
#3	108.3755	.4478413	-.020627	.3085894	2.215351	7.345453

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.309978	.0063438	7.249560	.0386413	2.433676	.2905950
Stddev	.072688	.0002201	.007221	.0002415	.038574	.0082273
%RSD	23.44953	3.468751	.0996072	.6250103	1.585020	2.831176

#1	-.393727	.0061023	7.242633	.0388085	2.478121	.3000909
#2	-.263282	.0063963	7.249004	.0383644	2.408908	.2860894
#3	-.272926	.0065329	7.257043	.0387510	2.414000	.2856047



Sample Name: K5316-07 Acquired: 10/13/2019 19:40:59 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3937654	.0309051	3.073332	1.046716	F 314.3442	2.344572
Stddev	.0094338	.0003999	.170855	.001327	11.4707	.105610
%RSD	2.395789	1.294123	5.559278	.1267487	3.649076	4.504429

#1	.4044595	.0309021	2.880430	1.047762	301.1382	2.223521
#2	.3866229	.0305067	3.133966	1.045224	320.0651	2.417876
#3	.3902137	.0313066	3.205601	1.047162	321.8293	2.392320

Elem	K_7664
Units	ppm
Avg	F 22.17287
Stddev	.55755
%RSD	2.514540

#1	21.52908
#2	22.49208
#3	22.49746

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.091	31363.38	7460.247	1444.502	1902.157
Stddev	3.070	83.47	417.562	11.250	3.460
%RSD	.1396625	.2661286	5.597157	.7788289	.1819003

#1	2195.060	31297.00	6978.639	1439.159	1903.268
#2	2198.015	31457.08	7721.000	1436.920	1898.278
#3	2201.198	31336.05	7681.103	1457.429	1904.925



Sample Name: K5323-01 Acquired: 10/13/2019 19:44:42 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .2094707	k -.328521	k 18.63279	-.222605	k .1538107	403.6784
Stddev	.0035753	.005817	.05153	.005000	.0033941	7.2734
%RSD	1.706842	1.770574	.2765554	2.246098	2.206708	1.801779

#1	k .2132169	k -.323415	k 18.57497	-.228009	k .1572606	397.2566
#2	k .2060951	k -.334853	k 18.67389	-.218143	k .1536965	402.2018
#3	k .2091000	k -.327294	k 18.64950	-.221665	k .1504752	411.5768

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.463085	k .2724677	218.0991	k 4.284040	k 2.328898	9.152243
Stddev	.172359	.0068228	3.6517	.006124	.003853	.145309
%RSD	1.821386	2.504075	1.674327	.1429448	.1654571	1.587686

#1	9.304173	k .2802847	214.8290	k 4.280970	k 2.325058	9.020082
#2	9.438771	k .2677094	217.4288	k 4.291091	k 2.332765	9.128798
#3	9.646310	k .2694092	222.0395	k 4.280058	k 2.328872	9.307849

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.55842	kF 16.86440	k -.027739	k .4373945	kF 44.11876	k 8.519761
Stddev	1.21771	.02800	.002847	.0122889	.32566	.009323
%RSD	1.886215	.1660254	10.26387	2.809568	.7381385	.1094254

#1	63.60468	k 16.83324	k -.030935	k .4286251	k 44.47040	k 8.530507
#2	64.14052	k 16.88746	k -.026809	k .4321179	k 44.05833	k 8.514941
#3	65.93005	k 16.87249	k -.025474	k .4514404	k 43.82755	k 8.513835

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	k .9155807	k 13.05834	k 5.506447	k 10.31593	.3502489
Stddev	-----	.0034531	.02833	.006057	.19256	.0085288
%RSD	-----	.3771444	.2169324	.1100030	1.866673	2.435077

#1	^ -----	k .9169743	k 13.05051	k 5.502370	k 10.14874	.3414916
#2	^ -----	k .9116486	k 13.03476	k 5.513407	k 10.27258	.3507260
#3	^ -----	k .9181192	k 13.08976	k 5.503563	k 10.52648	.3585292



Sample Name: K5323-01 Acquired: 10/13/2019 19:44:42 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.945779	.1887303	1.373406	C .0000000	F 1472.075	F 24.82531
Stddev	.049996	.0003192	.044087	.0000000	52.231	1.09225
%RSD	1.697217	.1691152	3.210033	.0000000	3.548145	4.399757

#1	2.899882	.1884630	1.323256	C .0000000	1412.438	23.57243
#2	2.938400	.1886443	1.390906	C .0000000	1494.108	25.32629
#3	2.999054	.1890837	1.406057	C .0000000	1509.680	25.57720

Elem	K_7664
Units	ppm
Avg	F 47.63369
Stddev	1.99432
%RSD	4.186776

#1	45.33909
#2	48.61247
#3	48.94951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.971	29702.83	7113.148	1316.727	2139.588
Stddev	2.651	49.88	191.301	6.988	3.469
%RSD	.1366328	.1679289	2.689394	.5307016	.1621180

#1	1940.509	29674.34	6896.821	1310.294	2142.676
#2	1942.312	29673.73	7260.013	1315.724	2135.835
#3	1937.093	29760.43	7182.610	1324.162	2140.254



Sample Name: K5323-03 Acquired: 10/13/2019 19:48:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1419528	k -.204247	k 14.58561	-.141622	k .1583804	233.1908
Stddev	.0049958	.002722	.06121	.015584	.0048961	4.6026
%RSD	3.519328	1.332657	.4196925	11.00430	3.091361	1.973729

#1	k .1433513	k -.202642	k 14.52960	-.159585	k .1544619	230.4222
#2	k .1364069	k -.202709	k 14.57628	-.131710	k .1638689	230.6463
#3	k .1461004	k -.207389	k 14.65096	-.133569	k .1568102	238.5038

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.281832	k .1926315	167.1815	k 2.538777	k 1.694863	7.188269
Stddev	.094238	.0086769	3.1077	.008067	.006687	.131573
%RSD	1.784195	4.504399	1.858905	.3177572	.3945563	1.830383

#1	5.224245	k .2023210	165.5082	k 2.542291	k 1.687314	7.136970
#2	5.230666	k .1855791	165.2690	k 2.529549	k 1.697231	7.090073
#3	5.390586	k .1899944	170.7674	k 2.544491	k 1.700044	7.337764

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.84508	kF 12.96899	k -.003106	k .2247684	kF 38.74169	k 5.133140
Stddev	.90743	.04736	.003481	.0043979	.26457	.014125
%RSD	1.857762	.3651892	112.0910	1.956632	.6829197	.2751659

#1	48.43341	k 12.92228	k -.007117	k .2238668	k 38.84154	k 5.147959
#2	48.21645	k 12.96770	k -.001332	k .2208911	k 38.44172	k 5.119831
#3	49.88537	k 13.01698	k -.000868	k .2295472	k 38.94181	k 5.131631

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .5405250	k .5927745	k 16.93865	k 4.680245	k 5.918492	.2464276
Stddev	.1366965	.0027808	.04999	.013066	.106921	.0044597
%RSD	25.28958	.4691115	.2951217	.2791754	1.806552	1.809734

#1	k .3827869	k .5895784	k 16.91069	k 4.668103	k 5.881941	.2425440
#2	k .6243893	k .5946398	k 16.90890	k 4.678560	k 5.834640	.2454407
#3	k .6143988	k .5941053	k 16.99637	k 4.694072	k 6.038895	.2512980



Sample Name: K5323-03 Acquired: 10/13/2019 19:48:18 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.491821	.1094146	1.795338	C .0000000	F 962.3256	F 12.78950
Stddev	.027103	.0002934	.073091	.0000000	44.4070	.62317
%RSD	1.816746	.2681444	4.071135	.0000000	4.614548	4.872503

#1	1.478062	.1092486	1.717366	C .0000000	911.3191	12.07113
#2	1.474357	.1092419	1.806350	C .0000000	983.2749	13.11272
#3	1.523043	.1097534	1.862298	C .0000000	992.3827	13.18466

Elem	K_7664
Units	ppm
Avg	F 24.05562
Stddev	1.23830
%RSD	5.147643

#1	22.62946
#2	24.67964
#3	24.85776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.956	28788.38	6763.112	1307.744	2094.458
Stddev	2.566	105.87	289.785	3.835	7.029
%RSD	.1350073	.3677429	4.284789	.2932595	.3355859

#1	1900.253	28704.67	6443.686	1304.608	2101.875
#2	1898.815	28907.39	7009.143	1312.020	2093.602
#3	1903.801	28753.08	6836.508	1306.603	2087.896



Sample Name: K5323-03DUP Acquired: 10/13/2019 19:51:53 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1345225	k -.204736	k 14.50385	-.132904	k .1549906	k 228.2817
Stddev	.0028648	.003509	.03116	.013922	.0017226	14.1458
%RSD	2.129646	1.713693	.2148572	10.47538	1.111436	6.196625

#1	k .1355416	k -.208779	k 14.51811	-.140268	k .1537311	k 212.0844
#2	k .1312874	k -.202927	k 14.52533	-.141597	k .1569536	234.5539
#3	k .1367384	k -.202500	k 14.46811	-.116846	k .1542869	238.2070

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.225306	k .1863088	164.3490	k 2.574631	k 1.686426	7.035593
Stddev	.310843	.0064685	9.8142	.009652	.001969	.428616
%RSD	5.948800	3.471937	5.971542	.3748854	.1167669	6.092114

#1	4.871649	k .1788604	153.1166	k 2.569843	k 1.687648	6.544140
#2	5.349040	k .1895508	168.6644	k 2.568309	k 1.687477	7.230648
#3	5.455227	k .1905152	171.2661	k 2.585741	k 1.684155	7.331990

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.00668	kF 12.88167	k -.002590	k .2260815	kF 39.66837	k 5.108903
Stddev	3.03145	.00811	.002327	.0118726	.24623	.008747
%RSD	6.314636	.0629200	89.85679	5.251488	.6207233	.1712143

#1	44.53503	k 12.87317	k -.005078	k .2123725	k 39.70934	k 5.110981
#2	49.35466	k 12.88932	k -.002226	k .2330195	k 39.40422	k 5.099303
#3	50.13034	k 12.88252	k -.000467	k .2328525	k 39.89154	k 5.116423

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .6146411	k .5909929	k 16.78547	k 4.654822	k 5.890371	.2418789
Stddev	.0159016	.0032639	.01473	.004016	.311972	.0153892
%RSD	2.587141	.5522798	.0877678	.0862719	5.296299	6.362370

#1	k .6072796	k .5947560	k 16.77540	k 4.659453	k 5.536244	.2241090
#2	k .6037542	k .5892921	k 16.80238	k 4.652717	k 6.010232	.2507171
#3	k .6328896	k .5889307	k 16.77864	k 4.652297	k 6.124636	.2508105



Sample Name: K5323-03DUP Acquired: 10/13/2019 19:51:53 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: TP-2DUP Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.464215	.1084331	1.833290	C .0000000	F 972.6963	F 12.99618
Stddev	.086064	.0006385	.036292	.0000000	24.6038	.30814
%RSD	5.877796	.5888029	1.979584	.0000000	2.529439	2.371004

#1	1.366053	.1083413	1.791915	C .0000000	944.3964	12.64848
#2	1.499880	.1078455	1.859732	C .0000000	984.6826	13.10458
#3	1.526713	.1091124	1.848224	C .0000000	989.0098	13.23546

Elem	K_7664
Units	ppm
Avg	F 24.23357
Stddev	.55720
%RSD	2.299284

#1	23.59298
#2	24.50191
#3	24.60583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.774	28603.18	6944.726	1283.593	2100.441
Stddev	7.981	80.22	247.946	7.094	4.326
%RSD	.4198855	.2804515	3.570278	.5526540	.2059687

#1	1891.562	28618.45	7228.195	1280.420	2095.742
#2	1905.156	28674.67	6837.795	1291.720	2101.325
#3	1905.605	28516.42	6768.188	1278.640	2104.258



Sample Name: K5323-03LX5 Acquired: 10/13/2019 19:55:29 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0224436	k -.046474	k 3.500694	k -.010073	k .0370055	k 49.07114
Stddev	.0015319	.004513	.050881	.003652	.0046421	2.78138
%RSD	6.825574	9.711525	1.453447	36.25211	12.54442	5.668053

#1	k .0240991	k -.045623	k 3.475545	k -.007070	k .0321905	k 45.86631
#2	k .0221554	k -.051353	k 3.559252	k -.014138	k .0414529	50.49228
#3	k .0210763	k -.042447	k 3.467284	k -.009012	k .0373730	50.85483

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.133125	k .0404264	36.82206	k .5853807	k .4001143	1.593947
Stddev	.062750	.0011810	2.13564	.0090369	.0062767	.095050
%RSD	5.537768	2.921285	5.799904	1.543769	1.568729	5.963162

#1	1.060826	k .0390859	34.36094	k .5749695	k .3956052	1.484218
#2	1.165123	k .0413136	37.91792	k .5911960	k .4072829	1.646775
#3	1.173425	k .0408797	38.18732	k .5899766	k .3974547	1.650848

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.82412	k 3.061468	k -.001482	k .0512181	k 12.32952	k 1.170606
Stddev	.68677	.044617	.000143	.0041564	.28823	.017444
%RSD	6.344800	1.457364	9.666413	8.115021	2.337701	1.490204

#1	10.03136	k 3.047306	k -.001329	k .0474376	k 12.04121	k 1.157003
#2	11.20302	k 3.111447	k -.001506	k .0505478	k 12.32968	k 1.190273
#3	11.23797	k 3.025651	k -.001612	k .0556688	k 12.61766	k 1.164541

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1404689	k .1231631	k 3.791458	k 1.089303	k 1.305920	.0519197
Stddev	.0071578	.0021730	.058743	.015073	.077961	.0041333
%RSD	5.095612	1.764302	1.549346	1.383711	5.969849	7.960928

#1	k .1326297	k .1217073	k 3.757931	k 1.079768	k 1.216256	.0474646
#2	k .1421204	k .1256608	k 3.859287	k 1.106680	k 1.343806	.0556298
#3	k .1466564	k .1221212	k 3.757156	k 1.081460	k 1.357698	.0526647



Sample Name: K5323-03LX5 Acquired: 10/13/2019 19:55:29 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3216468	.0231780	.3693197	C .0000000	F 207.7586	2.515662
Stddev	.0172168	.0002837	.0043812	.0000000	7.0161	.107908
%RSD	5.352703	1.224165	1.186274	.0000000	3.377063	4.289440

#1	.3018132	.0232252	.3684897	C .0000000	199.8691	2.393764
#2	.3303843	.0228736	.3654130	C .0000000	210.1084	2.554256
#3	.3327428	.0234352	.3740565	C .0000000	213.2982	2.598966

Elem	K_7664
Units	ppm
Avg	4.697547
Stddev	.195674
%RSD	4.165450

#1	4.472472
#2	4.792938
#3	4.827232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.066	28315.38	6399.526	1297.235	2036.781
Stddev	27.384	367.04	157.085	20.603	26.264
%RSD	1.404261	1.296250	2.454630	1.588254	1.289462

#1	1957.931	28738.79	6577.907	1318.645	2043.357
#2	1919.610	28119.82	6281.862	1295.514	2007.855
#3	1972.657	28087.53	6338.809	1277.547	2059.132



Sample Name: K5323-03MS Acquired: 10/13/2019 19:59:12 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .8759400	k 1.286318	k 14.53739	1.530643	k .2960863	k 235.1089
Stddev	.0055414	.008501	.12231	.017329	.0007300	15.4390
%RSD	.6326284	.6609071	.8413715	1.132169	.2465486	6.566754

#1	k .8700756	k 1.281040	k 14.56552	1.539251	k .2969168	k 217.3801
#2	k .8766556	k 1.281790	k 14.40347	1.541983	k .2957962	k 242.3514
#3	k .8810890	k 1.296126	k 14.64319	1.510695	k .2955460	k 245.5952

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.234655	k .3402042	163.6016	k 2.772799	k 1.748586	6.869878
Stddev	.330964	.0120250	10.3690	.003910	.015893	.431768
%RSD	6.322552	3.534646	6.337949	.1409987	.9088806	6.284947

#1	4.855208	k .3264222	151.7003	k 2.774090	k 1.754915	6.373320
#2	5.384988	k .3456315	168.4192	k 2.775900	k 1.730504	7.079466
#3	5.463770	k .3485590	170.6854	k 2.768408	k 1.760339	7.156847

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.18176	kF 12.67835	k .0620702	k .4851995	kF 38.33890	k 9.970640
Stddev	3.30634	.10295	.0022655	.0257481	.22676	.040650
%RSD	6.459995	.8120229	3.649980	5.306707	.5914698	.4076992

#1	47.38272	k 12.71866	k .0595495	k .4556107	k 38.49769	k 9.991135
#2	52.75361	k 12.56135	k .0627246	k .4974752	k 38.43981	k 9.923821
#3	53.40894	k 12.75505	k .0639366	k .5025125	k 38.07919	k 9.996962

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .7294379	k .9099400	k 24.31787	k 5.007941	k 6.479224	.4327802
Stddev	.0108361	.0020476	.05769	.011555	.404955	.0277195
%RSD	1.485541	.2250207	.2372210	.2307296	6.250047	6.404985

#1	k .7185497	k .9097730	k 24.32955	k 5.004411	k 6.016016	.4008353
#2	k .7402211	k .9120659	k 24.25524	k 4.998563	k 6.655447	.4470168
#3	k .7295430	k .9079810	k 24.36883	k 5.020849	k 6.766209	.4504886



Sample Name: K5323-03MS Acquired: 10/13/2019 19:59:12 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2MS Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.681251	.2717489	2.227535	C .0000000	F 949.2614	F 15.41607
Stddev	.106501	.0018983	.041130	.0000000	28.1587	.51453
%RSD	6.334616	.6985297	1.846454	.0000000	2.966384	3.337616

#1	1.559126	.2698509	2.181287	C .0000000	916.9174	14.82590
#2	1.729801	.2736474	2.260017	C .0000000	962.5502	15.65187
#3	1.754826	.2717485	2.241299	C .0000000	968.3166	15.77044

Elem	K_7664
Units	ppm
Avg	F 34.73240
Stddev	1.07722
%RSD	3.101478

#1	33.49171
#2	35.27587
#3	35.42963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.518	28770.02	6872.101	1285.524	2104.132
Stddev	12.314	25.76	230.048	10.416	19.633
%RSD	.6415323	.0895211	3.347571	.8102399	.9330474

#1	1908.785	28779.25	7136.384	1276.956	2092.385
#2	1932.962	28740.92	6763.155	1282.498	2126.796
#3	1916.807	28789.89	6716.763	1297.118	2093.213



Sample Name: K5323-03MSD Acquired: 10/13/2019 20:02:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .8898826	k 1.293517	k 14.57536	1.545367	k .2944795	k 233.3516
Stddev	.0054902	.002830	.03923	.016421	.0025793	17.5462
%RSD	.6169575	.2187706	.2691654	1.062576	.8758795	7.519200

#1	k .8835661	k 1.291220	k 14.53873	1.526434	k .2960003	k 213.1405
#2	k .8925729	k 1.296678	k 14.61676	1.553954	k .2959368	k 242.2328
#3	k .8935087	k 1.292653	k 14.57059	1.555715	k .2915015	k 244.6817

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.172612	k .3401363	162.5653	k 2.762957	k 1.756597	6.837080
Stddev	.370131	.0130877	11.7593	.009969	.003606	.492138
%RSD	7.155590	3.847779	7.233595	.3608135	.2052603	7.198070

#1	4.746229	k .3250714	149.0197	k 2.769984	k 1.753250	6.270912
#2	5.360410	k .3466330	168.5207	k 2.767340	k 1.760415	7.077858
#3	5.411197	k .3487047	170.1555	k 2.751547	k 1.756125	7.162471

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.34748	kF 12.71439	k .0614693	k .4789514	kF 38.25290	k 10.03227
Stddev	3.65668	.02866	.0021177	.0340254	.07201	.01350
%RSD	7.262893	.2253764	3.445201	7.104151	.1882489	.1345421

#1	46.15006	k 12.69090	k .0590667	k .4396762	k 38.17106	k 10.01678
#2	52.04919	k 12.74632	k .0622764	k .4994964	k 38.30656	k 10.03856
#3	52.84318	k 12.70594	k .0630649	k .4976817	k 38.28109	k 10.04148

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .7316750	k .9152134	k 25.62043	k 5.007837	k 6.386102	.4294763
Stddev	.0349472	.0017665	.05641	.002593	.453160	.0335917
%RSD	4.776323	.1930124	.2201852	.0517720	7.096031	7.821553

#1	k .6914358	k .9139931	k 25.58220	k 5.004848	k 5.863733	.3907481
#2	k .7491655	k .9144081	k 25.59386	k 5.009485	k 6.620798	.4469702
#3	k .7544236	k .9172390	k 25.68522	k 5.009177	k 6.673776	.4507106



Sample Name: K5323-03MSD Acquired: 10/13/2019 20:02:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2MSD Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.673078	.2708731	2.246933	C .0000000	F 947.8965	F 15.29970
Stddev	.119517	.0009447	.070275	.0000000	34.9929	.60803
%RSD	7.143537	.3487484	3.127593	.0000000	3.691632	3.974133

#1	1.535439	.2701415	2.165915	C .0000000	907.5576	14.59843
#2	1.733188	.2705382	2.283489	C .0000000	966.0459	15.62090
#3	1.750608	.2719396	2.291395	C .0000000	970.0860	15.67977

Elem	K_7664
Units	ppm
Avg	F 34.77412
Stddev	1.47936
%RSD	4.254205

#1	33.06650
#2	35.58870
#3	35.66717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.791	28800.07	6926.511	1280.167	2094.493
Stddev	3.237	64.43	243.650	.876	2.284
%RSD	.1695681	.2237038	3.517649	.0684354	.1090251

#1	1908.293	28729.64	7206.432	1281.114	2095.112
#2	1905.832	28814.54	6811.017	1279.384	2091.963
#3	1912.248	28856.03	6762.083	1280.004	2096.403



Sample Name: K5323-03A Acquired: 10/13/2019 20:06:19 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .8849051	k 1.300042	k 14.50533	1.546195	k .2960284	k 232.4211
Stddev	.0048712	.008992	.07799	.004680	.0032323	11.0080
%RSD	.5504797	.6916961	.5376356	.3026877	1.091893	4.736215

#1	k .8847728	k 1.306793	k 14.58756	1.549509	k .2962967	k 232.2846
#2	k .8898412	k 1.303498	k 14.49600	1.540841	k .2926703	k 221.4821
#3	k .8801014	k 1.289834	k 14.43243	1.548235	k .2991182	k 243.4967

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.165683	k .3443214	162.9438	k 2.773923	k 1.750069	6.834814
Stddev	.252080	.0205237	7.7990	.014021	.008675	.326246
%RSD	4.879892	5.960624	4.786319	.5054502	.4956708	4.773302

#1	5.175775	k .3633035	163.2944	k 2.786479	k 1.758525	6.850144
#2	4.908709	k .3225429	154.9754	k 2.758794	k 1.750490	6.501174
#3	5.412566	k .3471179	170.5616	k 2.776497	k 1.741191	7.153126

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.36700	kF 12.67883	k .0605693	k .4743808	kF 37.83296	k 10.07608
Stddev	2.45153	.06476	.0022983	.0254574	.57779	.01315
%RSD	4.965925	.5107422	3.794468	5.366457	1.527220	.1304845

#1	49.42850	k 12.74646	k .0579161	k .4774099	k 38.28737	k 10.07929
#2	46.88530	k 12.67264	k .0618437	k .4475444	k 37.18269	k 10.08732
#3	51.78720	k 12.61739	k .0619480	k .4981882	k 38.02881	k 10.06162

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .6985474	k .9159595	k 27.78004	k 4.999569	k 6.350769	.4255096
Stddev	.1279746	.0028520	.02222	.004996	.314880	.0212362
%RSD	18.32010	.3113657	.0799761	.0999356	4.958134	4.990773

#1	k .5516264	k .9159127	k 27.77475	k 4.994861	k 6.347359	.4205969
#2	k .7857247	k .9131313	k 27.80443	k 4.999037	k 6.037607	.4071603
#3	k .7582911	k .9188347	k 27.76095	k 5.004811	k 6.667339	.4487716



Sample Name: K5323-03A Acquired: 10/13/2019 20:06:19 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.682528	.2733707	2.233614	C .0000000	F 937.9099	F 15.15943
Stddev	.080417	.0017457	.131215	.0000000	46.5877	.73923
%RSD	4.779520	.6385830	5.874566	.0000000	4.967179	4.876353

#1	1.687394	.2713783	2.082889	C .0000000	885.8204	14.32956
#2	1.599788	.2741019	2.295596	C .0000000	952.3174	15.40134
#3	1.760401	.2746319	2.322356	C .0000000	975.5919	15.74741

Elem	K_7664
Units	ppm
Avg	F 34.43416
Stddev	1.69395
%RSD	4.919396

#1	32.51833
#2	35.05049
#3	35.73366

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.385	28753.38	6848.035	1291.627	2097.734
Stddev	12.033	125.17	435.189	17.519	13.527
%RSD	.6275515	.4353090	6.354953	1.356365	.6448573

#1	1903.999	28615.70	6441.137	1278.097	2085.493
#2	1920.855	28860.30	7306.857	1311.416	2095.451
#3	1927.301	28784.15	6796.110	1285.369	2112.257



Sample Name: K5323-05 Acquired: 10/13/2019 20:09:53 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0281161	-.024915	.1174279	.0189284	.0136547	44.49842
Stddev	.0025909	.002431	.0018507	.0015454	.0018639	2.12525
%RSD	9.214917	9.758333	1.576041	8.164478	13.65039	4.776008

#1	.0269807	-.026971	.1192245	.0204915	.0144647	42.06508
#2	.0310808	-.022232	.1175317	.0174013	.0115228	45.99046
#3	.0262867	-.025544	.1155275	.0188924	.0149765	45.43972

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3175539	.0026789	189.6678	.1084241	.0532873	1.548812
Stddev	.0147380	.0002846	9.2824	.0059412	.0005067	.077858
%RSD	4.641108	10.62359	4.894020	5.479549	.9509138	5.026947

#1	.3006402	.0023574	179.0626	.1016148	.0527800	1.459798
#2	.3276398	.0027804	196.3161	.1111058	.0532884	1.604237
#3	.3243817	.0028987	193.6246	.1125517	.0537935	1.582402

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.51334	.2016581	-.010158	.1163338	.4168004	2.770282
Stddev	.88844	.0006802	.000824	.0074713	.0230266	.009286
%RSD	4.129713	.3373267	8.113015	6.422306	5.524600	.3352044

#1	20.50055	.2017275	-.009207	.1078971	.3902797	2.763747
#2	22.16124	.2009458	-.010623	.1189910	.4284136	2.766188
#3	21.87823	.2023010	-.010646	.1221133	.4317078	2.780912

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146893	.0010021	17.44560	.0198884	.7556589	.1182400
Stddev	.007537	.0006992	.02228	.0005385	.0379759	.0063012
%RSD	5.130826	69.77550	.1277226	2.707803	5.025530	5.329189

#1	-.139392	.0015310	17.46102	.0200336	.7118330	.1109646
#2	-.154465	.0012658	17.42005	.0192921	.7788491	.1217911
#3	-.146821	.0002093	17.45573	.0203394	.7762947	.1219643



Sample Name: K5323-05 Acquired: 10/13/2019 20:09:53 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5751258	.0112260	1.429086	.2073199	F 126.1680	1.742957
Stddev	.0266218	.0001215	.037231	.0010760	3.3274	.063824
%RSD	4.628874	1.082091	2.605223	.5189892	2.637272	3.661795

#1	.5447891	.0112248	1.386178	.2083939	122.4308	1.682156
#2	.5945934	.0111052	1.452839	.2062420	127.2639	1.737289
#3	.5859949	.0113481	1.448242	.2073238	128.8091	1.809425

Elem	K_7664
Units	ppm
Avg	6.804185
Stddev	.254802
%RSD	3.744784

#1	6.536991
#2	6.831107
#3	7.044458

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.373	29043.49	6624.388	1339.680	1929.621
Stddev	3.918	1127.74	188.395	51.079	1.521
%RSD	.1968384	3.882945	2.843968	3.812809	.0788367

#1	1991.795	30345.20	6812.276	1397.909	1930.724
#2	1985.943	28423.60	6435.489	1302.431	1930.254
#3	1993.381	28361.66	6625.399	1318.701	1927.886



Sample Name: K5323-07 Acquired: 10/13/2019 20:13:39 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1182453	k -.192201	k 7.982373	-.067060	k .0589642	206.5320
Stddev	.0066912	.002621	.008250	.005282	.0020430	10.3942
%RSD	5.658751	1.363666	.1033479	7.876968	3.464801	5.032709

#1	k .1127351	k -.194906	k 7.978793	-.073137	k .0608792	201.3740
#2	k .1256909	k -.189673	k 7.991808	-.063576	k .0568136	218.4964
#3	k .1163100	k -.192025	k 7.976518	-.064465	k .0591997	199.7257

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.146257	k .1051711	443.7519	k 1.838025	k 1.007017	4.947572
Stddev	.217243	.0050238	23.2766	.013189	.001858	.252580
%RSD	5.239508	4.776802	5.245403	.7175780	.1845082	5.105138

#1	4.045059	k .1057990	432.7218	k 1.853087	k 1.008890	4.833872
#2	4.395638	k .1098514	470.4932	k 1.832449	k 1.006987	5.237018
#3	3.998076	k .0998628	428.0409	k 1.828540	k 1.005175	4.771825

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.53350	kF 7.344189	k -.023006	k .3168894	k 25.93586	k 5.260106
Stddev	2.23740	.008553	.000631	.0108088	.18588	.006917
%RSD	5.260317	.1164622	2.740757	3.410907	.7166784	.1314978

#1	41.48577	k 7.339754	k -.023733	k .3144245	k 26.13993	k 5.267846
#2	45.10252	k 7.338764	k -.022610	k .3287178	k 25.89143	k 5.257940
#3	41.01222	k 7.354049	k -.022675	k .3075260	k 25.77623	k 5.254530

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1260331	k .3381227	k 27.89273	k 2.290348	k 6.025859	.2440669
Stddev	.0734948	.0021635	.01347	.005346	.299109	.0148893
%RSD	58.31392	.6398462	.0482908	.2334222	4.963755	6.100477

#1	k .0888270	k .3405536	k 27.89344	k 2.289553	k 5.881710	.2362116
#2	k .0785811	k .3374059	k 27.90583	k 2.296047	k 6.369746	.2612388
#3	k .2106912	k .3364086	k 27.87892	k 2.285444	k 5.826122	.2347503



Sample Name: K5323-07 Acquired: 10/13/2019 20:13:39 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.447385	.0919810	7.716416	C .0000000	F 708.4908	F 12.39599
Stddev	.127363	.0005818	.156314	.0000000	17.2857	.34347
%RSD	5.204050	.6325327	2.025739	.0000000	2.439794	2.770851

#1	2.389207	.0920056	7.536835	C .0000000	688.7361	12.00620
#2	2.593447	.0913872	7.821929	C .0000000	715.8966	12.65429
#3	2.359500	.0925501	7.790484	C .0000000	720.8398	12.52748

Elem	K_7664
Units	ppm
Avg	F 25.28939
Stddev	.76812
%RSD	3.037318

#1	24.40783
#2	25.81466
#3	25.64569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.424	28343.73	7064.978	1285.361	1961.094
Stddev	6.219	83.72	343.619	5.577	4.219
%RSD	.3198555	.2953690	4.863693	.4338804	.2151113

#1	1940.499	28250.07	7019.271	1279.283	1958.717
#2	1951.595	28411.29	6746.501	1286.558	1965.965
#3	1941.179	28369.84	7429.163	1290.243	1958.600



Sample Name: CCV10 Acquired: 10/13/2019 20:17:15 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV15595 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826175	4.817834	4.745064	4.881155	4.858171	9.555756
Stddev	.022332	.029093	.029985	.031077	.032305	.498953
%RSD	.4627243	.6038587	.6319203	.6366802	.6649682	5.221497

#1	4.848560	4.837454	4.770680	4.903543	4.890233	8.981319
#2	4.803896	4.784408	4.712082	4.845674	4.825628	9.804606
#3	4.826068	4.831639	4.752429	4.894250	4.858652	9.881341

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.549841	.2454590	23.70694	1.010291	2.401263	2.368619
Stddev	.449271	.0056701	1.18105	.035350	.015207	.110240
%RSD	4.704489	2.310016	4.981888	3.498955	.6332896	4.654177

#1	9.036338	.2392509	22.34910	.991075	2.412682	2.242557
#2	9.742716	.2503645	24.27593	1.051087	2.384001	2.416353
#3	9.870470	.2467616	24.49580	.988711	2.407106	2.446947

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.01826	2.410635	1.235384	2.343018	2.439394	5.040868
Stddev	1.17736	.020719	.037958	.123094	.083957	.036680
%RSD	4.901925	.8595024	3.072564	5.253646	3.441716	.7276493

#1	22.66460	2.426948	1.219579	2.201293	2.387909	5.076325
#2	24.58620	2.387322	1.278691	2.404520	2.536275	5.003077
#3	24.80399	2.417634	1.207882	2.423242	2.393997	5.043202

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.878771	4.920368	4.767176	4.723142	4.764729	4.715028
Stddev	.111160	.026391	.044444	.026704	.244849	.230216
%RSD	2.278437	.5363593	.9322894	.5653782	5.138770	4.882604

#1	4.763488	4.947180	4.817779	4.746104	4.483142	4.450929
#2	4.985289	4.894419	4.734476	4.693839	4.883569	4.820838
#3	4.887536	4.919504	4.749272	4.729484	4.927478	4.873315



Sample Name: CCV10 Acquired: 10/13/2019 20:17:15 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCV15595 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.790829	F 2.490502	4.920138	1.247275	4.990008	23.74733
Stddev	.224940	.004417	.167550	.005039	.182149	.79454
%RSD	4.695217	.1773343	3.405395	.4039727	3.650280	3.345806
#1	4.533666	2.486309	4.729632	1.242426	4.786739	22.87739
#2	4.887815	2.490085	4.986175	1.252484	5.044849	23.92993
#3	4.951007	2.495113	5.044608	1.246916	5.138436	24.43468

Elem	K_7664
Units	ppm
Avg	F 24.57312
Stddev	.83334
%RSD	3.391251
#1	23.64664
#2	24.81126
#3	25.26147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.269	26706.23	6224.690	1223.202	1892.556
Stddev	12.309	728.21	109.113	35.748	13.928
%RSD	.6453667	2.726746	1.752913	2.922453	.7359403
#1	1894.064	26951.64	6348.455	1241.803	1878.415
#2	1918.424	25887.01	6142.376	1181.990	1906.261
#3	1909.319	27280.03	6183.238	1245.814	1892.992



Sample Name: CCB10 Acquired: 10/13/2019 20:20:49 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB15595 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001388	.0023906	.0032006	.0019761	-.001212	.0019871	-.000174
Stddev	.000942	.0042651	.0014915	.0011152	.001918	.0104079	.000337
%RSD	67.87453	178.4105	46.60120	56.43666	158.2155	523.7711	194.2327

#1	-.000542	.0066145	.0015274	.0032252	.000664	-.001913	.000202
#2	-.002404	-.001914	.0043905	.0016225	-.001130	-.005907	-.000449
#3	-.001220	.002472	.0036839	.0010805	-.003170	.013782	-.000274

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000195	-.001387	.0005242	.0002588	.0001984	.0132600	-.000089
Stddev	.000020	.003716	.0001364	.0000822	.0001560	.0144727	.000124
%RSD	10.38882	267.8841	26.02362	31.76246	78.61142	109.1456	139.5230

#1	-.000200	-.003498	.0005412	.0001771	.0003724	-.003090	-.000185
#2	-.000173	.002903	.0003801	.0003415	.0000710	.018439	-.000134
#3	-.000212	-.003567	.0006513	.0002580	.0001519	.024431	.000051

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000846	-.005420	.0027256	-.002675	.0032559	.0010681	.0047362
Stddev	.000355	.002247	.0006890	.001466	.0006126	.0005412	.0031055
%RSD	41.99965	41.45606	25.27940	54.80561	18.81520	50.66522	65.56814

#1	-.000594	-.007790	.0030224	-.001686	.0039051	.0016411	.0050019
#2	-.000691	-.005148	.0032164	-.004359	.0031744	.0009976	.0077003
#3	-.001252	-.003321	.0019379	-.001979	.0026881	.0005657	.0015065

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000285	.0013096	.0012979	-.000044	-.000027	.0088869	.0005898
Stddev	.000188	.0019925	.0005222	.000067	.000185	.0068371	.0004411
%RSD	65.71193	152.1503	40.23489	152.7507	690.9762	76.93446	74.79225

#1	-.000437	.0007309	.0008385	-.000043	.000135	.0143265	.0004990
#2	-.000344	-.000330	.0018658	.000023	.000013	.0012119	.0010693
#3	-.000076	.003527	.0011893	-.000111	-.000229	.0111224	.0002012



Sample Name: CCB10 Acquired: 10/13/2019 20:20:49 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: CCB15595 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0001196	-.083169	-.082424
Stddev	.0033299	.009227	.029406
%RSD	2783.474	11.09463	35.67607

#1	-.003071	-.072969	-.105842
#2	-.000144	-.090937	-.092008
#3	.003574	-.085601	-.049422

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.180	28314.13	6288.384	1306.000	2072.710
Stddev	6.756	60.67	163.145	3.352	4.537
%RSD	.3429141	.2142742	2.594381	.2566675	.2188912

#1	1973.765	28272.42	6474.180	1309.019	2074.770
#2	1962.387	28286.23	6168.541	1302.393	2067.508
#3	1974.389	28383.73	6222.431	1306.590	2075.851



Sample Name: K5324-01 Acquired: 10/13/2019 20:24:43 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994386	-.068633	.3587970	-.040028	.0099480	173.9664
Stddev	.0041113	.003558	.0032844	.003171	.0020291	9.1468
%RSD	4.134456	5.184403	.9153790	7.923174	20.39706	5.257803

#1	.1018320	-.066007	.3550757	-.040277	.0095046	163.4136
#2	.0946914	-.072683	.3612908	-.043068	.0081773	179.6221
#3	.1017924	-.067210	.3600244	-.036740	.0121622	178.8634

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7680896	.0084670	18.49495	.2633680	.1680298	4.881366
Stddev	.0369110	.0000838	.96561	.0016586	.0002625	.253867
%RSD	4.805555	.9898200	5.220940	.6297539	.1562452	5.200740

#1	.7254705	.0085619	17.38023	.2651141	.1682699	4.588390
#2	.7897580	.0084032	19.03102	.2618137	.1677495	5.036374
#3	.7890403	.0084360	19.07360	.2631762	.1680701	5.019333

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.82612	.3764239	-.018349	.3035661	3.009912	4.852176
Stddev	2.19554	.0031168	.001139	.0146720	.016510	.019000
%RSD	5.377783	.8280142	6.207534	4.833220	.5485300	.3915828

#1	38.29289	.3734698	-.019410	.2867784	2.997825	4.830238
#2	42.17913	.3796813	-.018491	.3099854	3.003188	4.862926
#3	42.00634	.3761207	-.017145	.3139345	3.028724	4.863365

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.257189	.0076485	1.173099	.0251481	2.512252	.2101696
Stddev	.013625	.0005218	.003674	.0008243	.129511	.0115698
%RSD	5.297537	6.822360	.3132153	3.277825	5.155159	5.504959

#1	-.261052	.0071058	1.170937	.0260925	2.362832	.1970695
#2	-.268465	.0076931	1.177341	.0247794	2.581645	.2144505
#3	-.242050	.0081465	1.171018	.0245725	2.592278	.2189889



Sample Name: K5324-01 Acquired: 10/13/2019 20:24:43 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1193636	.0270323	3.611550	.6610019	F 286.6122	1.745024
Stddev	.0061849	.0002689	.117953	.0025379	9.6130	.073599
%RSD	5.181584	.9948199	3.266000	.3839465	3.354018	4.217661

#1	.1122349	.0272449	3.491535	.6580863	276.0059	1.671132
#2	.1225533	.0271220	3.615787	.6622047	289.0799	1.745613
#3	.1233025	.0267300	3.727327	.6627148	294.7508	1.818327

Elem	K_7664
Units	ppm
Avg	F 14.50623
Stddev	.62204
%RSD	4.288073

#1	13.84638
#2	14.59042
#3	15.08188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.145	32064.83	7440.513	1481.783	1996.281
Stddev	7.974	123.95	166.500	3.971	4.594
%RSD	.3553207	.3865703	2.237750	.2680054	.2301231

#1	2237.707	31943.85	7611.695	1483.873	1991.248
#2	2241.664	32059.06	7279.128	1484.273	1997.344
#3	2253.065	32191.56	7430.716	1477.203	2000.250



Sample Name: K5266-13 Acquired: 10/13/2019 20:28:26 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021137	-.003582	-.002332	.0828340	.0206362	1.710992
Stddev	.0030717	.001097	.001242	.0050296	.0017877	.054982
%RSD	145.3275	30.63807	53.25502	6.071888	8.662703	3.213477

#1	.0047663	-.003705	-.003053	.0860448	.0224738	1.668795
#2	-.001252	-.002428	-.000898	.0770376	.0189031	1.773171
#3	.002827	-.004613	-.003045	.0854197	.0205317	1.691010

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9699404	-.000259	692.2964	.0008471	.0010200	.0004150
Stddev	.0198121	.000091	17.5562	.0004886	.0005046	.0006967
%RSD	2.042610	35.14703	2.535944	57.68175	49.47099	167.8681

#1	.9471235	-.000235	672.0768	.0006789	.0006182	.0011868
#2	.9827840	-.000360	703.6700	.0013977	.0008555	-.000168
#3	.9799138	-.000183	701.1423	.0004648	.0015863	.000226

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711444	.0196266	-.003387	.0019795	.2486446	.1650693
Stddev	.0536013	.0007205	.000591	.0009781	.0019129	.0019236
%RSD	75.34158	3.671188	17.45071	49.40847	.7693276	1.165352

#1	.0682487	.0191016	-.002707	.0013310	.2484204	.1668003
#2	.0190496	.0193302	-.003677	.0031045	.2468537	.1629983
#3	.1261348	.0204481	-.003777	.0015031	.2506597	.1654091

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1079409	.0087802	51.62921	-.005737	-.012640	.0350382
Stddev	.0017733	.0000344	.14547	.001406	.001212	.0029248
%RSD	1.642890	.3913427	.2817517	24.51006	9.589052	8.347442

#1	.1098424	.0087574	51.68753	-.005649	-.012679	.0323900
#2	.1063322	.0087636	51.73647	-.007184	-.011409	.0381774
#3	.1076482	.0088197	51.46363	-.004376	-.013832	.0345472



Sample Name: K5266-13 Acquired: 10/13/2019 20:28:26 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.105010	-.000049	3.447053	.0030978	.0432707	F 335.9839
Stddev	.151569	.000116	.090606	.0005083	.0082718	27.2507
%RSD	2.133275	237.7254	2.628504	16.40848	19.11642	8.110713

#1	6.931741	.000055	3.352036	.0026925	.0527450	304.7183
#2	7.213019	-.000027	3.456639	.0029328	.0374839	348.5432
#3	7.170268	-.000174	3.532485	.0036681	.0395833	354.6902

Elem	K_7664
Units	ppm
Avg	F 66.19262
Stddev	2.13579
%RSD	3.226624

#1	63.81227
#2	66.82418
#3	67.94141

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.587	24044.79	5847.798	1102.936	1637.815
Stddev	14.303	76.94	68.866	5.178	11.299
%RSD	.8380776	.3199911	1.177633	.4694941	.6898602

#1	1696.826	23956.15	5816.809	1104.765	1629.436
#2	1699.930	24084.01	5799.870	1097.091	1633.344
#3	1723.005	24094.23	5926.713	1106.951	1650.665



Sample Name: K5266-13DUP Acquired: 10/13/2019 20:32:26 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029646	-.004985	-.003728	.0857131	.0219836	1.650542
Stddev	.0020081	.002775	.002881	.0023872	.0019883	.036095
%RSD	67.73703	55.67005	77.28691	2.785044	9.044593	2.186866

#1	.0051962	-.005765	-.005410	.0841014	.0197516	1.610786
#2	.0013033	-.007286	-.005372	.0845824	.0226335	1.681258
#3	.0023942	-.001903	-.000401	.0884555	.0235656	1.659582

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9409814	-.000240	669.9858	.0007103	.0007344	.0012113
Stddev	.0388593	.000149	31.3439	.0004444	.0004792	.0002994
%RSD	4.129656	62.24543	4.678286	62.56113	65.24618	24.71767

#1	.8969851	-.000069	633.9802	.0006280	.0011505	.0008695
#2	.9706141	-.000302	691.1719	.0003128	.0002105	.0013374
#3	.9553451	-.000347	684.8053	.0011901	.0008423	.0014270

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744461	.0190809	-.003194	.0029487	.2458055	.1575659
Stddev	.0220311	.0007860	.000529	.0030614	.0018292	.0035708
%RSD	29.59339	4.119534	16.55089	103.8201	.7441825	2.266220

#1	.0542984	.0182563	-.003732	.0018997	.2469998	.1563202
#2	.0979707	.0198217	-.003177	.0005498	.2436996	.1615927
#3	.0710692	.0191646	-.002675	.0063967	.2467172	.1547849

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1020957	.0086953	50.51623	-.005642	-.013555	.0344316
Stddev	.0006125	.0001820	.11311	.000324	.000480	.0022242
%RSD	.5999713	2.092589	.2239166	5.734606	3.540775	6.459782

#1	.1024936	.0085428	50.50242	-.005549	-.013004	.0318681
#2	.1024031	.0088968	50.41066	-.006002	-.013884	.0358485
#3	.1013903	.0086465	50.63562	-.005375	-.013776	.0355784



Sample Name: K5266-13DUP Acquired: 10/13/2019 20:32:26 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.880509	-.000098	3.372957	.0038028	.0328251	F 338.3046
Stddev	.284697	.000080	.186705	.0009106	.0009089	12.6633
%RSD	4.137727	81.85466	5.535362	23.94470	2.769044	3.743155

#1	6.556365	-.000010	3.162951	.0033851	.0317952	324.0985
#2	7.090015	-.000166	3.435745	.0048473	.0335152	342.4081
#3	6.995149	-.000118	3.520175	.0031760	.0331649	348.4073

Elem	K_7664
Units	ppm
Avg	F 64.37221
Stddev	3.29065
%RSD	5.111915

#1	60.67359
#2	65.46751
#3	66.97553

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.598	24214.45	5888.189	1110.142	1649.943
Stddev	8.066	116.79	79.970	9.208	12.492
%RSD	.4690594	.4823287	1.358139	.8294332	.7571176

#1	1713.922	24127.53	5876.868	1099.519	1642.268
#2	1716.041	24168.61	5814.483	1115.839	1643.202
#3	1728.831	24347.21	5973.216	1115.069	1664.357



Sample Name: K5266-13LX5 Acquired: 10/13/2019 20:36:23 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA8636 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006623	.0019008	-.003350	.0509195	.0121382	.3376620
Stddev	.002044	.0031902	.002155	.0028894	.0014287	.0311788
%RSD	30.85456	167.8362	64.32872	5.674379	11.76998	9.233727

#1	-.007341	-.000846	-.000864	.0476566	.0112699	.3029306
#2	-.008211	.005400	-.004494	.0519480	.0137871	.3468170
#3	-.004318	.001149	-.004691	.0531539	.0113577	.3632383

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1905119	-.000090	135.1837	-.000221	.0001120	.0014041
Stddev	.0102789	.000078	8.2946	.000374	.0001153	.0004911
%RSD	5.395393	85.90378	6.135817	169.6990	102.9763	34.97861

#1	.1786857	-.000180	125.6133	-.000170	-.000000	.0014431
#2	.1955533	-.000040	139.6445	.000126	.000230	.0018746
#3	.1972968	-.000051	140.2935	-.000617	.000106	.0008947

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136812	.0060043	-.001299	-.001558	.0510983	.0311218
Stddev	.0150834	.0006281	.000603	.001210	.0001967	.0006352
%RSD	110.2491	10.46089	46.41759	77.66772	.3850068	2.041043

#1	.0264940	.0055728	-.000706	-.002460	.0508831	.0303909
#2	-.002942	.0057152	-.001912	-.002031	.0512690	.0314349
#3	.017492	.0067249	-.001279	-.000183	.0511428	.0315398

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182447	-.002426	9.652530	-.003395	-.001582	.0104559
Stddev	.0013083	.000187	.013928	.000314	.002001	.0030404
%RSD	7.170995	7.695566	.1442889	9.243309	126.4442	29.07858

#1	.0168093	-.002225	9.650372	-.003173	-.002123	.0069689
#2	.0185545	-.002594	9.667411	-.003258	-.003257	.0125528
#3	.0193703	-.002460	9.639808	-.003754	.000633	.0118461



Sample Name: K5266-13LX5 Acquired: 10/13/2019 20:36:23 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSA8636 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.367953	.0000167	.7291609	.0026923	-.001789	F 71.80745
Stddev	.083867	.0001395	.0186016	.0003009	.003132	2.53730
%RSD	6.130849	835.0609	2.551100	11.17556	175.0462	3.533484

#1	1.271192	-.000142	.7132658	.0028852	.000993	68.95013
#2	1.412900	.000071	.7496196	.0023456	-.005181	72.67511
#3	1.419766	.000121	.7245973	.0028461	-.001180	73.79711

Elem	K_7664
Units	ppm
Avg	F 13.36982
Stddev	.45960
%RSD	3.437609

#1	12.87370
#2	13.45468
#3	13.78108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.233	27011.92	6273.939	1248.916	1921.639
Stddev	5.071	95.86	187.204	8.082	4.686
%RSD	.2661787	.3548714	2.983832	.6471121	.2438665

#1	1910.921	27076.49	6487.495	1245.085	1926.929
#2	1903.596	27057.50	6138.166	1258.200	1919.980
#3	1901.183	26901.78	6196.157	1243.461	1918.007



Sample Name: K5266-13MS Acquired: 10/13/2019 20:40:14 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7129076	1.680065	.8283159	1.764614	.7416308	3.334351
Stddev	.0085417	.006050	.0031434	.005018	.0030655	.165637
%RSD	1.198153	.3600884	.3794881	.2843759	.4133497	4.967599

#1	.7226938	1.686836	.8250873	1.770403	.7412483	3.158550
#2	.7069501	1.678170	.8284938	1.761946	.7387744	3.487490
#3	.7090789	1.675190	.8313665	1.761494	.7448696	3.357014

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.060776	.1711188	620.1090	.3644424	.1769212	.1736009
Stddev	.043120	.0034818	30.6203	.0023469	.0007665	.0091733
%RSD	4.064965	2.034728	4.937888	.6439560	.4332606	5.284124

#1	1.016055	.1730814	587.0405	.3647904	.1771385	.1634877
#2	1.102093	.1731763	647.4810	.3665958	.1760695	.1813856
#3	1.064181	.1670988	625.8055	.3619410	.1775556	.1759293

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.744938	.4493687	.0648729	.2615123	.4148445	5.869857
Stddev	.103079	.0001426	.0006477	.0115676	.0013013	.010195
%RSD	5.907311	.0317223	.9983677	4.423339	.3136879	.1736876

#1	1.655617	.4494997	.0642355	.2514818	.4142537	5.879850
#2	1.857728	.4492169	.0648530	.2741663	.4139433	5.859471
#3	1.721470	.4493895	.0655304	.2588889	.4163364	5.870249

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3379568	.3796293	46.78757	.6094078	.1605982	.2192569
Stddev	.0070573	.0012894	.29121	.0011670	.0065892	.0113253
%RSD	2.088211	.3396374	.6224049	.1914931	4.102921	5.165297

#1	.3430868	.3785958	47.01193	.6094926	.1543610	.2070193
#2	.3408751	.3792178	46.45848	.6105300	.1674905	.2293685
#3	.3299085	.3810741	46.89229	.6082007	.1599431	.2213830



Sample Name: K5266-13MS Acquired: 10/13/2019 20:40:14 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.533112	.1461114	3.950590	.2302163	2.524166	F 315.9163
Stddev	.290221	.0013704	.209663	.0009675	.148236	14.6854
%RSD	4.442303	.9378980	5.307122	.4202492	5.872682	4.648517

#1	6.233518	.1445292	3.708938	.2291000	2.353005	299.1820
#2	6.812950	.1469204	4.058705	.2308126	2.608363	321.9099
#3	6.552869	.1468847	4.084128	.2307364	2.611130	326.6571

Elem	K_7664
Units	ppm
Avg	F 67.81435
Stddev	3.80151
%RSD	5.605767

#1	63.42663
#2	69.89663
#3	70.11979

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.396	24078.40	5854.270	1092.801	1660.130
Stddev	9.603	74.03	132.360	2.465	7.972
%RSD	.5598188	.3074482	2.260907	.2256053	.4801993

#1	1705.016	24060.76	5781.331	1090.674	1651.172
#2	1723.963	24014.79	5774.426	1095.503	1666.446
#3	1717.210	24159.66	6007.054	1092.225	1662.771



Sample Name: K5266-13MSD Acquired: 10/13/2019 20:44:04 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7223330	1.677206	.8335842	1.784245	.7495677	3.361170
Stddev	.0039111	.007648	.0040767	.006443	.0035335	.259881
%RSD	.5414503	.4560147	.4890581	.3610795	.4714059	7.731874

#1	.7235623	1.670747	.8297137	1.790442	.7468888	3.065429
#2	.7254817	1.675221	.8331991	1.777583	.7482418	3.464983
#3	.7179549	1.685652	.8378398	1.784711	.7535723	3.553099

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068395	.1722887	625.6722	.3650436	.1774533	.1759072
Stddev	.069982	.0042675	44.3297	.0005355	.0004932	.0120323
%RSD	6.550244	2.476953	7.085136	.1466835	.2779622	6.840114

#1	.989082	.1677117	575.5426	.3652299	.1774255	.1621917
#2	1.094648	.1729960	641.7707	.3654610	.1769744	.1808447
#3	1.121454	.1761583	659.7032	.3644399	.1779598	.1846854

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.777377	.4517201	.0654392	.2640529	.4150429	5.901003
Stddev	.127900	.0029707	.0010372	.0173815	.0025943	.025259
%RSD	7.195994	.6576501	1.584966	6.582598	.6250658	.4280391

#1	1.642864	.4484068	.0657963	.2450774	.4180383	5.874719
#2	1.791831	.4526078	.0662507	.2678778	.4135099	5.903196
#3	1.897436	.4541459	.0642707	.2792034	.4135806	5.925094

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3401331	.3840691	47.23197	.6129279	.1631971	.2242657
Stddev	.0067250	.0012927	.13935	.0020813	.0144969	.0169590
%RSD	1.977181	.3365917	.2950268	.3395686	8.883037	7.562015

#1	.3324451	.3837636	47.23826	.6115577	.1467198	.2051694
#2	.3449245	.3854873	47.08958	.6153229	.1688800	.2300584
#3	.3430298	.3829565	47.36806	.6119032	.1739916	.2375695



Sample Name: K5266-13MSD Acquired: 10/13/2019 20:44:04 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.585799	.1474173	4.038374	.2320408	2.568068	F 318.7804
Stddev	.429879	.0012296	.178376	.0018807	.141676	13.7419
%RSD	6.527367	.8341023	4.417029	.8104838	5.516827	4.310772
#1	6.099389	.1461155	3.832991	.2303322	2.406151	305.0122
#2	6.743268	.1475773	4.127597	.2317345	2.628798	318.8331
#3	6.914739	.1485591	4.154535	.2340559	2.669255	332.4958

Elem	K_7664
Units	ppm
Avg	F 69.09323
Stddev	3.46045
%RSD	5.008384
#1	65.14274
#2	70.54889
#3	71.58806

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.997	24244.66	5906.054	1105.658	1674.773
Stddev	14.426	169.47	116.805	5.997	11.458
%RSD	.8348420	.6990096	1.977711	.5424156	.6841776
#1	1714.710	24057.74	6031.219	1099.590	1662.764
#2	1725.938	24287.95	5886.989	1111.582	1675.969
#3	1743.341	24388.29	5799.955	1105.802	1685.587



Sample Name: K5266-13A Acquired: 10/13/2019 20:47:53 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB8636 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7226464	1.688342	.8349651	1.793731	.7542138	3.427394
Stddev	.0063288	.005787	.0026824	.015155	.0067451	.111399
%RSD	.8757858	.3427385	.3212536	.8448960	.8943261	3.250243

#1	.7174732	1.694609	.8335088	1.804066	.7613531	3.374519
#2	.7207628	1.683201	.8333260	1.776333	.7479480	3.555384
#3	.7297032	1.687215	.8380606	1.800793	.7533404	3.352280

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.075040	.1724039	632.3193	.3641440	.1785024	.1771998
Stddev	.029565	.0034434	18.3315	.0025243	.0012384	.0046638
%RSD	2.750109	1.997312	2.899088	.6932280	.6937608	2.631953

#1	1.069473	.1727935	623.6701	.3618457	.1790532	.1749524
#2	1.106993	.1756360	653.3752	.3668458	.1770841	.1825618
#3	1.048655	.1687822	619.9126	.3637405	.1793697	.1740852

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.803242	.4541628	.0649919	.2631041	.4113217	5.920030
Stddev	.049357	.0033266	.0006376	.0079808	.0031296	.015911
%RSD	2.737151	.7324639	.9810203	3.033317	.7608618	.2687672

#1	1.756339	.4577422	.0643220	.2565897	.4112451	5.934772
#2	1.854734	.4511660	.0650623	.2720062	.4144889	5.903163
#3	1.798653	.4535802	.0655914	.2607165	.4082311	5.922156

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3433255	.3828460	47.29196	.6145167	.1655975	.2281547
Stddev	.0073163	.0017936	.17381	.0045277	.0041021	.0080555
%RSD	2.131005	.4684919	.3675348	.7367885	2.477146	3.530730

#1	.3450490	.3838414	47.10795	.6142864	.1624925	.2259794
#2	.3496261	.3807754	47.31455	.6101085	.1702478	.2370745
#3	.3353013	.3839212	47.45337	.6191551	.1640523	.2214102



Sample Name: K5266-13A Acquired: 10/13/2019 20:47:53 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: ICSAB8636 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.661090	.1492100	4.078536	.2326796	2.591661	F 317.7907
Stddev	.184926	.0003229	.087071	.0016154	.066645	18.0937
%RSD	2.776219	.2164202	2.134871	.6942620	2.571528	5.693601

#1	6.612688	.1495826	3.979741	.2345149	2.514722	297.1558
#2	6.865403	.1490358	4.144094	.2320506	2.631480	325.2731
#3	6.505177	.1490115	4.111772	.2314733	2.628783	330.9430

Elem	K_7664
Units	ppm
Avg	F 70.57323
Stddev	1.48621
%RSD	2.105906

#1	68.85866
#2	71.36729
#3	71.49374

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.637	24450.36	5948.048	1114.031	1674.324
Stddev	1.766	133.32	173.803	17.656	2.023
%RSD	.1019342	.5452868	2.922023	1.584855	.1208335

#1	1732.234	24367.73	5888.281	1104.635	1676.576
#2	1734.570	24379.17	5812.014	1103.060	1673.735
#3	1731.107	24604.16	6143.849	1134.398	1672.660



Sample Name: K5266-14 Acquired: 10/13/2019 20:51:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066715	.0006606	-.006241	.0842849	.0233024	1.710630
Stddev	.0073417	.0015886	.001863	.0064922	.0023800	.029495
%RSD	110.0467	240.4712	29.84668	7.702686	10.21375	1.724226

#1	.0140482	.0011679	-.008389	.0876617	.0249922	1.679327
#2	.0066010	.0019335	-.005249	.0883928	.0205805	1.737903
#3	-.000635	-.001120	-.005084	.0768003	.0243344	1.714660

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004904	-.000279	F 995.4481	.0007532	.0005534	.0015825
Stddev	.032231	.000010	19.1299	.0004470	.0007420	.0001588
%RSD	1.607600	3.750621	1.921734	59.35280	134.0842	10.03726

#1	1.968001	-.000271	973.3623	.0003331	.0003347	.0017647
#2	2.027535	-.000275	1006.150	.0007034	-.000055	.0014727
#3	2.019175	-.000291	1006.832	.0012230	.001380	.0015103

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577863	.0240748	-.004548	-.002431	.3951240	.0364169
Stddev	.0294329	.0000712	.000581	.003880	.0037563	.0045616
%RSD	50.93416	.2959542	12.77499	159.6009	.9506498	12.52597

#1	.0335290	.0241516	-.005059	-.004765	.3928535	.0396589
#2	.0492998	.0240619	-.004670	.002048	.3994597	.0383911
#3	.0905301	.0240108	-.003916	-.004576	.3930587	.0312008

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989276	.0093345	32.50089	-.006764	-.022233	.0639785
Stddev	.0022553	.0001676	.10823	.001523	.001678	.0018889
%RSD	2.279737	1.795696	.3329986	22.51433	7.546370	2.952323

#1	.0988970	.0092056	32.61060	-.007927	-.020951	.0618004
#2	.1011979	.0092739	32.39421	-.005040	-.024132	.0649682
#3	.0966877	.0095240	32.49784	-.007324	-.021615	.0651668



Sample Name: K5266-14 Acquired: 10/13/2019 20:51:46 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: AMENDED-COMP Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23401	.0000277	1.543514	.0033317	.0436095	F 110.3781
Stddev	.67573	.0000605	.049541	.0008287	.0013792	2.6693
%RSD	6.602805	218.3816	3.209619	24.87203	3.162540	2.418284

#1	9.45584	.0000876	1.489858	.0024155	.0420302	107.3557
#2	10.67263	.0000288	1.553163	.0040288	.0445767	111.3665
#3	10.57356	-.000033	1.587520	.0035507	.0442215	112.4123

Elem	K_7664
Units	ppm
Avg	F 73.59137
Stddev	1.73651
%RSD	2.359663

#1	71.63546
#2	74.18686
#3	74.95179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1707.662	24227.56	5949.139	1113.104	1644.746
Stddev	2.782	242.23	46.143	10.027	1.953
%RSD	.1628961	.9998159	.7756270	.9007872	.1187441

#1	1705.516	24247.62	5909.304	1101.894	1645.477
#2	1706.665	23975.92	5938.411	1116.200	1646.228
#3	1710.805	24459.14	5999.701	1121.217	1642.533



Sample Name: K5292-06 Acquired: 10/13/2019 20:55:45 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190855-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071519	-.004581	-.006064	.0889284	.0233218	1.123666
Stddev	.0053373	.005141	.000585	.0034986	.0009901	.051620
%RSD	74.62723	112.2233	9.642706	3.934132	4.245603	4.593935

#1	.0028236	-.001606	-.005389	.0890745	.0222876	1.064507
#2	.0131156	-.001620	-.006418	.0923515	.0242610	1.146931
#3	.0055166	-.010518	-.006385	.0853590	.0234168	1.159559

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8803847	-.000153	F 1003.590	.0006327	.0004548	.0004890
Stddev	.0123059	.000086	20.788	.0004464	.0005558	.0005375
%RSD	1.397791	56.25445	2.071381	70.55196	122.2142	109.9292

#1	.8664561	-.000054	981.406	.0010808	.0010925	.0000125
#2	.8849136	-.000208	1006.744	.0006292	.0001984	.0003827
#3	.8897844	-.000197	1022.622	.0001881	.0000735	.0010717

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0843562	.0164624	-.004288	-.000326	.1870165	.1736179
Stddev	.0346623	.0012479	.000336	.004341	.0006507	.0004135
%RSD	41.09042	7.580130	7.832643	1330.366	.3479510	.2381887

#1	.0505963	.0150663	-.004500	.002774	.1877664	.1732857
#2	.0826170	.0174691	-.004463	-.005288	.1866016	.1734870
#3	.1198555	.0168519	-.003901	.001535	.1866813	.1740810

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016217	.0119572	64.01516	-.007114	-.020194	.0575996
Stddev	.0011398	.0007315	.13254	.000480	.000642	.0028709
%RSD	1.121620	6.117376	.2070508	6.748328	3.181356	4.984177

#1	.1011533	.0116507	64.15206	-.006751	-.020030	.0543438
#2	.1007907	.0127920	64.00596	-.006932	-.019650	.0586874
#3	.1029211	.0114288	63.88745	-.007658	-.020903	.0597675



Sample Name: K5292-06 Acquired: 10/13/2019 20:55:45 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190855-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.587958	-.000036	2.657814	.0036611	.0310416	F 383.4657
Stddev	.122488	.000175	.086146	.0005229	.0044204	24.1573
%RSD	1.277521	486.0661	3.241238	14.28334	14.24026	6.299740

#1	9.500614	-.000026	2.571682	.0041537	.0330039	356.9979
#2	9.535289	.000134	2.657786	.0031124	.0259797	389.0729
#3	9.727971	-.000216	2.743974	.0037172	.0341411	404.3264

Elem	K_7664
Units	ppm
Avg	F 87.41776
Stddev	2.25722
%RSD	2.582110

#1	84.86125
#2	88.25644
#3	89.13560

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.968	23937.82	5893.269	1085.957	1626.437
Stddev	8.258	98.80	38.418	3.602	5.217
%RSD	.4829049	.4127320	.6518948	.3316636	.3207666

#1	1703.893	23842.35	5849.091	1082.895	1621.911
#2	1706.641	23931.48	5918.849	1089.925	1625.258
#3	1719.370	24039.64	5911.867	1085.051	1632.143



Sample Name: K5292-07 Acquired: 10/13/2019 20:59:52 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20180657-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031058	-.001975	-.006544	.0880098	.0200587	1.068166
Stddev	.0029403	.000824	.001615	.0030429	.0020475	.083205
%RSD	94.66967	41.68994	24.67428	3.457451	10.20753	7.789503

#1	-.000110	-.001171	-.007658	.0855779	.0178693	.975782
#2	.005657	-.002816	-.007281	.0914221	.0203808	1.091512
#3	.003771	-.001939	-.004692	.0870295	.0219261	1.137204

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8604970	-.000294	F 872.3922	.0175400	.0005295	.0024936
Stddev	.0267919	.000021	30.5546	.0011883	.0001867	.0005192
%RSD	3.113542	7.293756	3.502394	6.774634	35.25393	20.82257

#1	.8300430	-.000313	837.3913	.0180758	.0006889	.0026112
#2	.8804382	-.000297	893.7384	.0161781	.0005756	.0029439
#3	.8710099	-.000271	886.0468	.0183659	.0003241	.0019257

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483082	.0305133	-.003853	.0031673	.2102927	.1842640
Stddev	.0149965	.0002951	.000416	.0029108	.0085344	.0029585
%RSD	31.04341	.9669974	10.79857	91.90197	4.058349	1.605586

#1	.0485583	.0303111	-.003831	.0032237	.2185438	.1829911
#2	.0631782	.0308519	-.004279	.0060495	.2015007	.1821550
#3	.0331883	.0303770	-.003448	.0002287	.2108335	.1876460

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0903669	.0092024	46.48892	-.007680	-.020062	.0536210
Stddev	.0024234	.0000822	.25268	.000958	.001765	.0035273
%RSD	2.681764	.8927348	.5435298	12.46873	8.798827	6.578175

#1	.0876720	.0091224	46.71987	-.007842	-.019461	.0495483
#2	.0910614	.0091982	46.21903	-.008547	-.022049	.0556157
#3	.0923672	.0092866	46.52786	-.006652	-.018675	.0556990



Sample Name: K5292-07 Acquired: 10/13/2019 20:59:52 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20180657-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.715721	-.000063	2.817035	.0036033	.1073143	F 420.9456
Stddev	.217647	.000166	.094034	.0006714	.0006828	37.5284
%RSD	2.497179	264.7256	3.338032	18.63205	.6362633	8.915261

#1	8.467728	-.000077	2.710259	.0030893	.1078275	378.0283
#2	8.874998	.000110	2.853347	.0043629	.1065394	437.2119
#3	8.804439	-.000220	2.887498	.0033578	.1075762	447.5965

Elem	K_7664
Units	ppm
Avg	F 90.04087
Stddev	2.57770
%RSD	2.862811

#1	87.18420
#2	90.74525
#3	92.19316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.417	24335.10	5958.363	1106.791	1654.461
Stddev	8.048	1027.87	79.964	50.547	9.198
%RSD	.4618711	4.223817	1.342046	4.566992	.5559339

#1	1733.273	23332.57	6010.537	1053.044	1643.857
#2	1745.555	25386.56	5866.302	1153.373	1659.251
#3	1748.424	24286.17	5998.251	1113.957	1660.275



Sample Name: CCV11 Acquired: 10/13/2019 21:03:59 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.822945	4.846180	4.777426	4.879508	4.863697	9.689472
Stddev	.027860	.008778	.002959	.031850	.026197	.495798
%RSD	.5776464	.1811334	.0619384	.6527199	.5386284	5.116874

#1	4.796214	4.838737	4.777520	4.843732	4.835564	9.125818
#2	4.851811	4.855860	4.780337	4.904775	4.887392	9.884487
#3	4.820809	4.843942	4.774421	4.890018	4.868136	10.05811

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.605064	.2503610	24.11132	.9932853	2.422858	2.408488
Stddev	.453328	.0041696	1.09392	.0028437	.004832	.112201
%RSD	4.719682	1.665418	4.536949	.2862962	.1994213	4.658554

#1	9.085383	.2455845	22.86153	.9924560	2.424413	2.279002
#2	9.810544	.2522264	24.57755	.9964515	2.426720	2.469470
#3	9.919266	.2532722	24.89487	.9909484	2.417440	2.476990

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.53774	2.424271	1.206948	2.364502	2.382665	5.054302
Stddev	1.14780	.004263	.003240	.113965	.006781	.015127
%RSD	4.677710	.1758541	.2684254	4.819832	.2846129	.2992899

#1	23.21770	2.423133	1.210689	2.233013	2.377721	5.057350
#2	25.09489	2.428988	1.205134	2.434837	2.379879	5.067672
#3	25.30062	2.420692	1.205022	2.425655	2.390396	5.037882

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.937172	4.943484	4.759856	4.770772	4.766920	4.765232
Stddev	.085110	.028951	.010370	.014115	.222349	.236769
%RSD	1.723860	.5856340	.2178672	.2958634	4.664417	4.968668

#1	4.839683	4.912605	4.758913	4.760212	4.515923	4.493465
#2	4.975161	4.970014	4.770666	4.786803	4.845625	4.875298
#3	4.996671	4.947833	4.749990	4.765300	4.939211	4.926932



Sample Name: CCV11 Acquired: 10/13/2019 21:03:59 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.835164	F 2.605685	5.070641	1.299903	5.119416	24.61306
Stddev	.224655	.002741	.198969	.001634	.136555	.87306
%RSD	4.646270	.1051991	3.923950	.1257212	2.667391	3.547131
#1	4.576748	2.608805	4.849192	1.298350	4.964134	23.63210
#2	4.944732	2.604588	5.128363	1.299752	5.173336	24.90230
#3	4.984012	2.603662	5.234367	1.301607	5.220780	25.30480

Elem	K_7664
Units	ppm
Avg	F 25.65522
Stddev	.90509
%RSD	3.527906
#1	24.61374
#2	26.10064
#3	26.25129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.670	28519.07	6383.496	1307.063	1959.798
Stddev	10.333	74.50	101.953	1.969	2.693
%RSD	.5206291	.2612397	1.597127	.1506271	.1374293
#1	1995.595	28463.33	6500.947	1305.560	1961.455
#2	1975.055	28490.18	6317.822	1306.337	1956.690
#3	1983.359	28603.69	6331.720	1309.292	1961.249



Sample Name: CCB11 Acquired: 10/13/2019 21:07:32 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002575	.0036927	.0005824	.0013432	-.001941	-.000927	.0002128
Stddev	.004389	.0017148	.0013965	.0022112	.002342	.002575	.0002036
%RSD	170.4395	46.43735	239.7966	164.6214	120.6637	277.7008	95.70758

#1	-.006939	.0037618	-.000379	-.000903	-.001879	-.000979	.0004448
#2	.001838	.0019445	-.000058	.003518	.000370	-.003476	.0000636
#3	-.002624	.0053720	.002184	.001415	-.004313	.001673	.0001299

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	.0046157	.0002833	.0004138	-.000152	.0189713	.0001829
Stddev	.000164	.0104188	.0002499	.0001752	.000757	.0129311	.0003939
%RSD	414.5800	225.7256	88.21957	42.34016	496.6013	68.16153	215.3774

#1	-.000092	.0029333	.0002707	.0002693	-.000800	.0313748	-.000271
#2	.000144	-.004860	.0000399	.0003635	-.000338	.0199687	.000387
#3	-.000172	.015773	.0005393	.0006087	.000680	.0055704	.000433

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001434	-.002976	.0001814	-.001469	-.001740	.0010584	.0062708
Stddev	.000112	.001551	.0001564	.001806	.001426	.0004976	.0016467
%RSD	7.842954	52.10521	86.20792	122.9450	81.95373	47.01745	26.25898

#1	-.001555	-.002579	.0003224	-.002234	-.001161	.0013649	.0080927
#2	-.001333	-.001663	.0000132	-.002766	-.003363	.0013260	.0058312
#3	-.001412	-.004687	.0002085	.000594	-.000694	.0004842	.0048886

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000247	.0026040	.0032002	-.000006	-.000219	.0080424	.0009679
Stddev	.000601	.0006237	.0011517	.000013	.000171	.0034280	.0003719
%RSD	243.1162	23.95116	35.98804	218.8085	78.21147	42.62331	38.42495

#1	-.000879	.0021453	.0022552	.000006	-.000028	.0104518	.0009056
#2	-.000180	.0023526	.0044831	-.000019	-.000359	.0041180	.0013671
#3	.000317	.0033141	.0028624	-.000005	-.000268	.0095576	.0006311



Sample Name: CCB11 Acquired: 10/13/2019 21:07:32 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.002270	.0723463	-.035864
Stddev	.009125	.0205229	.016161
%RSD	402.0118	28.36753	45.06302

#1	-.009883	.0503731	-.054344
#2	-.004771	.0756471	-.028872
#3	.007845	.0910187	-.024375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.829	29232.25	6435.013	1349.925	2130.659
Stddev	8.952	49.79	103.096	8.620	10.917
%RSD	.4412272	.1703402	1.602115	.6385380	.5123901

#1	2029.957	29289.67	6554.039	1357.688	2134.158
#2	2037.163	29206.12	6373.650	1340.649	2139.398
#3	2019.366	29200.97	6377.350	1351.439	2118.421



Sample Name: K5292-08 Acquired: 10/13/2019 21:11:27 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190858-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000102	-.003549	-.006921	.0831263	.0228469	1.189229
Stddev	.000794	.001651	.002271	.0018324	.0020775	.064880
%RSD	778.0895	46.51597	32.80995	2.204344	9.093310	5.455633

#1	-.000979	-.002459	-.007227	.0848878	.0213460	1.116985
#2	.000568	-.002740	-.004513	.0812304	.0252180	1.208176
#3	.000106	-.005449	-.009024	.0832608	.0219767	1.242527

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203851	-.000189	F 886.7337	.0010534	-.000140	.0005450
Stddev	.064115	.000127	53.4021	.0002830	.000434	.0003634
%RSD	5.325796	67.12925	6.022340	26.86038	310.8820	66.68079

#1	1.129993	-.000043	825.1858	.0007559	.000356	.0003668
#2	1.236369	-.000271	914.2393	.0010852	-.000449	.0003051
#3	1.245190	-.000253	920.7759	.0013191	-.000326	.0009632

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0630701	.0127952	-.003854	-.000528	.1679288	.0854811
Stddev	.0110570	.0006192	.000201	.002333	.0008883	.0012342
%RSD	17.53132	4.839071	5.224003	442.1176	.5290040	1.443832

#1	.0513714	.0135063	-.003748	.001069	.1675121	.0863984
#2	.0733481	.0123748	-.004086	-.003205	.1673255	.0840779
#3	.0644908	.0125046	-.003728	.000553	.1689489	.0859670

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0867619	.0080506	35.38755	-.005941	-.017355	.0522963
Stddev	.0029660	.0005813	.30789	.001774	.001140	.0041541
%RSD	3.418544	7.220708	.8700564	29.85381	6.570091	7.943463

#1	.0842948	.0075126	35.03456	-.005053	-.017215	.0475103
#2	.0900527	.0086672	35.60071	-.007983	-.016291	.0544117
#3	.0859383	.0079720	35.52739	-.004786	-.018559	.0549671



Sample Name: K5292-08 Acquired: 10/13/2019 21:11:27 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 20190858-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.913425	.0000383	2.172470	.0029002	.1101692	F 348.5991
Stddev	.447192	.0001477	.034544	.0005364	.0026795	26.3517
%RSD	5.017061	385.7573	1.590078	18.49448	2.432155	7.559312

#1	8.397720	-.000071	2.133037	.0029579	.1090389	318.2942
#2	9.148546	.000206	2.197391	.0034053	.1082400	361.3803
#3	9.194009	-.000021	2.186981	.0023372	.1132286	366.1228

Elem	K_7664
Units	ppm
Avg	F 89.22706
Stddev	2.27203
%RSD	2.546349

#1	86.60774
#2	90.40822
#3	90.66521

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.481	24344.30	6112.588	1117.149	1664.037
Stddev	10.378	225.62	222.027	9.952	7.800
%RSD	.5928408	.9267722	3.632285	.8908771	.4687160

#1	1759.638	24299.04	6368.954	1110.794	1670.038
#2	1752.596	24589.11	5986.178	1128.618	1666.852
#3	1739.209	24144.74	5982.631	1112.033	1655.220



Sample Name: K5293-02 Acquired: 10/13/2019 21:15:33 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: KEARNY-TOPSO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175149	-.016871	.0850845	-.003352	.0035124	40.35268
Stddev	.0038401	.000633	.0022548	.001519	.0008145	2.30647
%RSD	21.92465	3.751847	2.650091	45.32745	23.18964	5.715773

#1	.0156797	-.016381	.0825107	-.002109	.0026643	37.69313
#2	.0219283	-.017585	.0867118	-.002901	.0035845	41.56047
#3	.0149368	-.016646	.0860309	-.005045	.0042886	41.80443

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.239581	.0010596	7.726452	.0427575	.0108263	.3765059
Stddev	.062692	.0001996	.406765	.0006764	.0001434	.0210453
%RSD	5.057540	18.83494	5.264582	1.582045	1.324362	5.589621

#1	1.167194	.0008330	7.256900	.0433901	.0109560	.3523304
#2	1.276442	.0011365	7.951298	.0428380	.0106724	.3907298
#3	1.275107	.0012092	7.971158	.0420444	.0108506	.3864573

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.443384	.0469867	-.005393	.0749142	.6575475	1.493946
Stddev	.275028	.0009038	.001019	.0082478	.0053937	.012913
%RSD	6.189615	1.923577	18.90121	11.00963	.8202788	.8643698

#1	4.126713	.0470349	-.004644	.0683762	.6637232	1.493261
#2	4.622463	.0478655	-.006554	.0721860	.6537611	1.507188
#3	4.580976	.0460597	-.004981	.0841804	.6551581	1.481389

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2411347	.0023103	5.672803	.0016179	.7412866	.0269265
Stddev	.0105391	.0002899	.059436	.0009923	.0385729	.0034907
%RSD	4.370630	12.54694	1.047732	61.33244	5.203506	12.96395

#1	.2299545	.0025901	5.669848	.0025424	.6967572	.0231017
#2	.2425622	.0023296	5.733662	.0017420	.7643982	.0299404
#3	.2508872	.0020113	5.614900	.0005694	.7627043	.0277375



Sample Name: K5293-02 Acquired: 10/13/2019 21:15:33 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: KEARNY-TOPSO Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554831	.0041111	F 37.63295	.1167624	F 56.60264	9.735841
Stddev	.0031184	.0001281	1.96688	.0000679	2.81484	.354657
%RSD	5.620504	3.116151	5.226488	.0581748	4.972987	3.642802
#1	.0518986	.0041498	35.56292	.1166865	53.63497	9.359853
#2	.0569788	.0039681	37.85872	.1168174	56.93842	9.783275
#3	.0575720	.0042154	39.47720	.1167835	59.23453	10.06439

Elem	K_7664
Units	ppm
Avg	7.508533
Stddev	.383017
%RSD	5.101087
#1	7.090584
#2	7.592243
#3	7.842771

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.388	29411.96	6628.423	1333.946	2068.561
Stddev	20.223	142.17	120.993	15.782	19.998
%RSD	.9916000	.4833870	1.825364	1.183078	.9667481
#1	2047.760	29250.25	6728.697	1315.781	2074.282
#2	2016.323	29517.33	6494.036	1341.761	2046.326
#3	2054.079	29468.30	6662.535	1344.294	2085.075



Sample Name: K5149-06 Acquired: 10/13/2019 21:19:21 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003777	-.003383	.0116408	.0107320	.0011187	.1293983
Stddev	.003231	.002012	.0011376	.0035636	.0011335	.0123932
%RSD	85.54116	59.47612	9.772613	33.20512	101.3225	9.577524

#1	-.006551	-.005697	.0128963	.0072049	.0000826	.1191988
#2	-.000229	-.002055	.0113478	.0143309	.0023292	.1258051
#3	-.004552	-.002396	.0106784	.0106600	.0009442	.1431910

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028203	.0000369	12.13499	.0006038	.0038098	.6282191
Stddev	.0058678	.0000478	.68030	.0010045	.0005940	.0340778
%RSD	5.706815	129.6785	5.606131	166.3554	15.59031	5.424514

#1	.0960615	-.000018	11.35065	.0013496	.0033555	.5893676
#2	.1057878	.000061	12.48955	-.000538	.0035919	.6422391
#3	.1066116	.000068	12.56478	.001000	.0044819	.6530506

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.252911	.0040205	-.001445	-.001651	.0563527	.0028334
Stddev	.077189	.0003033	.000590	.002311	.0004413	.0006772
%RSD	6.160796	7.544312	40.84109	139.9466	.7830929	23.90065

#1	1.168887	.0036705	-.000857	-.001311	.0558457	.0020981
#2	1.320675	.0041850	-.002037	.000471	.0565621	.0034314
#3	1.269172	.0042061	-.001439	-.004113	.0566503	.0029706

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095600	-.001477	.2302816	-.002045	.0017807	.0033117
Stddev	.0009457	.000264	.0054247	.001079	.0003794	.0016715
%RSD	9.891982	17.85841	2.355662	52.74518	21.30483	50.47039

#1	.0088270	-.001695	.2364337	-.000865	.0013528	.0022432
#2	.0106275	-.001184	.2261853	-.002288	.0019136	.0024541
#3	.0092255	-.001553	.2282258	-.002981	.0020758	.0052379



Sample Name: K5149-06 Acquired: 10/13/2019 21:19:21 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551277	-.000015	.7375010	.0097757	.2915466	F 213.3860
Stddev	.0031596	.000064	.0350392	.0004884	.0130068	7.6658
%RSD	5.731366	425.1292	4.751073	4.995743	4.461320	3.592447

#1	.0514841	-.000033	.6977155	.0093540	.2792084	204.6984
#2	.0567881	-.000068	.7510231	.0096623	.3051321	216.2609
#3	.0571109	.000056	.7637643	.0103108	.2902992	219.1988

Elem	K_7664
Units	ppm
Avg	.5795003
Stddev	.0545182
%RSD	9.407801

#1	.5165567
#2	.6100683
#3	.6118759

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.689	28086.41	6504.227	1308.433	1988.842
Stddev	3.745	176.46	158.042	11.128	5.222
%RSD	.1882126	.6282844	2.429828	.8504648	.2625459

#1	1992.265	28256.40	6686.501	1313.253	1984.442
#2	1985.393	28098.71	6405.395	1316.338	1987.473
#3	1991.408	27904.12	6420.785	1295.708	1994.612



Sample Name: K5149-06DUP Acquired: 10/13/2019 21:23:15 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004272	-.001851	.0125203	.0116725	.0012427	.1188103
Stddev	.001159	.004034	.0005741	.0014227	.0017800	.0141606
%RSD	27.13040	217.8739	4.585700	12.18884	143.2408	11.91866

#1	-.004572	.002009	.0129266	.0104975	.0003694	.1126259
#2	-.002992	-.001525	.0127708	.0132543	.0032907	.1087939
#3	-.005251	-.006038	.0118635	.0112657	.0000679	.1350112

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1048166	-.000005	12.31142	.0006217	.0037868	.6367864
Stddev	.0055316	.000056	.70245	.0000368	.0002564	.0378092
%RSD	5.277437	1125.658	5.705681	5.922682	6.769921	5.937508

#1	.0984324	.000057	11.50072	.0005804	.0034924	.5933612
#2	.1078349	-.000022	12.69413	.0006333	.0039604	.6545967
#3	.1081825	-.000050	12.73942	.0006513	.0039077	.6624012

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.254053	.0042361	-.001111	-.005218	.0552495	.0040052
Stddev	.093458	.0002674	.000480	.001569	.0011484	.0028069
%RSD	7.452501	6.312511	43.24731	30.06320	2.078536	70.08204

#1	1.146304	.0041774	-.001056	-.006663	.0565743	.0011084
#2	1.313143	.0040029	-.001616	-.003550	.0546379	.0067126
#3	1.302710	.0045279	-.000660	-.005441	.0545364	.0041945

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089388	-.001741	.2317613	-.001248	.0029087	.0041975
Stddev	.0003721	.000218	.0045788	.000560	.0017091	.0019602
%RSD	4.162255	12.52618	1.975662	44.84456	58.75741	46.69932

#1	.0087652	-.001892	.2368714	-.001527	.0022161	.0019341
#2	.0086853	-.001491	.2280313	-.000604	.0048553	.0053451
#3	.0093660	-.001839	.2303812	-.001614	.0016546	.0053132



Sample Name: K5149-06DUP Acquired: 10/13/2019 21:23:15 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557870	.0001337	.7236872	.0090997	.2972662	F 214.6241
Stddev	.0031920	.0001288	.0513296	.0006943	.0178708	5.7905
%RSD	5.721720	96.31145	7.092787	7.630200	6.011710	2.697953

#1	.0521097	.0001850	.6644571	.0095148	.2769374	207.9592
#2	.0578416	.0002289	.7551926	.0082982	.3043616	217.4941
#3	.0574098	-.000013	.7514120	.0094863	.3104997	218.4190

Elem	K_7664
Units	ppm
Avg	.6319151
Stddev	.0484772
%RSD	7.671479

#1	.5765235
#2	.6526206
#3	.6666013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.519	28033.65	6468.362	1298.915	1972.031
Stddev	1.128	386.46	175.664	19.281	2.946
%RSD	.0568726	1.378573	2.715742	1.484365	.1493844

#1	1982.927	27728.26	6666.791	1290.905	1975.432
#2	1984.820	27904.55	6332.717	1284.931	1970.284
#3	1982.810	28468.13	6405.577	1320.910	1970.376



Sample Name: K5149-06LX5 Acquired: 10/13/2019 21:27:07 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003694	.0014106	.0003413	.0022157	-.001282	.0226267
Stddev	.001521	.0009490	.0012061	.0029530	.000347	.0143048
%RSD	41.16519	67.27480	353.3383	133.2784	27.06567	63.22078

#1	-.005444	.0010037	.0009617	.0029467	-.001557	.0077352
#2	-.002698	.0024951	.0011110	.0047345	-.000892	.0362619
#3	-.002940	.0007329	-.001049	-.001034	-.001397	.0238831

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221208	-.000082	2.601337	.0001327	.0010232	.1367434
Stddev	.0011743	.000066	.123891	.0003249	.0003953	.0065417
%RSD	5.308526	79.79850	4.762608	244.7706	38.63444	4.783890

#1	.0207830	-.000152	2.462029	.0004632	.0014374	.1291926
#2	.0225981	-.000074	2.642810	-.000186	.0009820	.1403374
#3	.0229813	-.000021	2.699171	.000121	.0006500	.1407000

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2855828	.0011854	-.001271	-.000210	.0112586	-.000476
Stddev	.0284055	.0004332	.000341	.002651	.0007715	.000949
%RSD	9.946502	36.54903	26.82039	1260.237	6.852857	199.2711

#1	.2592712	.0009232	-.001505	.002686	.0110971	-.000789
#2	.2817785	.0016855	-.001427	-.000801	.0120982	-.001229
#3	.3156987	.0009475	-.000880	-.002516	.0105807	.000590

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005447	-.000924	.0490434	-.001190	.0012036	.0032603
Stddev	.002561	.000454	.0041482	.000851	.0011366	.0006970
%RSD	47.02335	49.09859	8.458170	71.50573	94.43452	21.37994

#1	-.006531	-.000933	.0525014	-.002055	.0016936	.0039784
#2	-.002522	-.000466	.0501848	-.000353	.0020129	.0025865
#3	-.007287	-.001373	.0444440	-.001162	-.000096	.0032159



Sample Name: K5149-06LX5 Acquired: 10/13/2019 21:27:07 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116883	-.000329	.1598693	.0021650	.0502878	F 44.93430
Stddev	.0003834	.000106	.0207473	.0003319	.0004906	1.33179
%RSD	3.280305	32.41431	12.97764	15.32873	.9756512	2.963871

#1	.0112569	-.000258	.1385282	.0023090	.0501953	43.42922
#2	.0118176	-.000451	.1611130	.0017855	.0508180	45.41347
#3	.0119903	-.000277	.1799668	.0024005	.0498499	45.96021

Elem	K_7664
Units	ppm
Avg	.1146299
Stddev	.0519210
%RSD	45.29449

#1	.0546830
#2	.1438448
#3	.1453618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.329	28845.41	6433.137	1339.740	2093.323
Stddev	20.207	28.07	71.889	10.276	19.073
%RSD	.9952730	.0973260	1.117475	.7670301	.9111281

#1	2015.440	28824.46	6515.993	1339.565	2083.872
#2	2053.333	28834.46	6396.079	1350.102	2115.276
#3	2022.216	28877.31	6387.338	1329.552	2080.821



Sample Name: K5149-06MS Acquired: 10/13/2019 21:31:03 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7123607	1.779124	.8787345	1.776453	.7197737	1.969429
Stddev	.0012859	.000354	.0031683	.003059	.0032459	.118017
%RSD	.1805160	.0198979	.3605567	.1722122	.4509670	5.992464

#1	.7128783	1.779417	.8823926	1.779709	.7234143	1.835225
#2	.7133072	1.778730	.8768652	1.773639	.7187250	2.016032
#3	.7108967	1.779224	.8769456	1.776010	.7171817	2.057029

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2842792	.1790128	12.26974	.3772168	.1857526	.7780934
Stddev	.0153775	.0030398	.71145	.0016715	.0003407	.0434308
%RSD	5.409304	1.698069	5.798390	.4431259	.1834240	5.581694

#1	.2665685	.1755031	11.44962	.3752875	.1855113	.7284693
#2	.2920323	.1808130	12.63838	.3781325	.1856041	.7966349
#3	.2942369	.1807221	12.72121	.3782305	.1861423	.8091761

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.976690	.4572523	.0647902	.2684660	.2283431	5.635125
Stddev	.197934	.0012490	.0004266	.0166155	.0011893	.015170
%RSD	6.649481	.2731511	.6584292	6.189058	.5208472	.2692092

#1	2.749868	.4579663	.0643123	.2496417	.2269816	5.630036
#2	3.065772	.4579806	.0651324	.2746672	.2291794	5.623153
#3	3.114429	.4558102	.0649259	.2810890	.2288683	5.652185

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2673236	.3836751	.2067175	.6311506	.1827627	.1887075
Stddev	.0043373	.0001254	.0070227	.0015115	.0112229	.0123544
%RSD	1.622505	.0326838	3.397252	.2394886	6.140696	6.546825

#1	.2629060	.3835643	.2119433	.6297715	.1698682	.1747172
#2	.2715759	.3836499	.2094746	.6309138	.1880907	.1932874
#3	.2674888	.3838112	.1987346	.6327666	.1903292	.1981179



Sample Name: K5149-06MS Acquired: 10/13/2019 21:31:03 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2409979	.1823399	1.595931	.2829925	3.176279	F 195.0906
Stddev	.0127885	.0010799	.060024	.0016922	.120721	7.5781
%RSD	5.306462	.5922513	3.761093	.5979542	3.800695	3.884417

#1	.2262566	.1814509	1.530792	.2811802	3.039991	186.7473
#2	.2476165	.1820271	1.607991	.2845312	3.219075	196.9777
#3	.2491206	.1835417	1.649009	.2832663	3.269773	201.5469

Elem	K_7664
Units	ppm
Avg	F 10.53194
Stddev	.50012
%RSD	4.748569

#1	9.96375
#2	10.72667
#3	10.90540

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.229	27616.58	6366.955	1271.361	1946.353
Stddev	13.454	50.32	110.783	13.158	10.400
%RSD	.6870550	.1822141	1.739968	1.034992	.5343178

#1	1942.695	27667.57	6493.601	1286.529	1934.346
#2	1966.133	27566.95	6288.027	1264.549	1952.173
#3	1965.860	27615.21	6319.237	1263.006	1952.538



Sample Name: K5149-06MSD Acquired: 10/13/2019 21:34:49 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7054168	1.774059	.8757086	1.775526	.7202809	2.001991
Stddev	.0058008	.007377	.0040704	.015932	.0045819	.116304
%RSD	.8223173	.4158049	.4648158	.8973361	.6361203	5.809403

#1	.7120996	1.782221	.8802280	1.791907	.7233853	1.871820
#2	.7016827	1.767868	.8745668	1.774589	.7224390	2.038471
#3	.7024681	1.772088	.8723311	1.760083	.7150186	2.095681

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2880222	.1809619	12.32233	.3767193	.1848283	.7836417
Stddev	.0162284	.0057216	.77949	.0038387	.0006303	.0471220
%RSD	5.634439	3.161761	6.325874	1.018974	.3410109	6.013205

#1	.2702708	.1749718	11.46908	.3723785	.1847145	.7331425
#2	.2916993	.1815433	12.50077	.3781123	.1855077	.7913456
#3	.3020967	.1863706	12.99713	.3796669	.1842627	.8264370

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.028252	.4541772	.0644206	.2702571	.2248811	5.600450
Stddev	.189286	.0015848	.0007301	.0203932	.0008560	.030409
%RSD	6.250665	.3489353	1.133278	7.545834	.3806447	.5429676

#1	2.821272	.4553675	.0636279	.2492758	.2239590	5.635527
#2	3.070928	.4547858	.0645685	.2714894	.2256505	5.584270
#3	3.192557	.4523783	.0650653	.2900063	.2250337	5.581551

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2707854	.3847092	.2051819	.6282485	.1878999	.1905673
Stddev	.0095638	.0023391	.0028669	.0023236	.0109411	.0127629
%RSD	3.531859	.6080224	1.397232	.3698493	5.822805	6.697316

#1	.2615509	.3863552	.2084711	.6309148	.1766218	.1761561
#2	.2701579	.3857407	.2032136	.6266567	.1886086	.1951030
#3	.2806475	.3820316	.2038609	.6271739	.1984694	.2004429



Sample Name: K5149-06MSD Acquired: 10/13/2019 21:34:49 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: EO-02-101019 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2444350	.1828252	1.624867	.2847804	3.220811	F 194.4462
Stddev	.0146258	.0006967	.079822	.0012894	.122655	6.7486
%RSD	5.983496	.3810612	4.912523	.4527675	3.808203	3.470689
#1	.2288083	.1824382	1.532944	.2832933	3.089752	186.8328
#2	.2467014	.1836295	1.664972	.2855869	3.239843	196.8138
#3	.2577952	.1824080	1.676683	.2854609	3.332837	199.6920

Elem	K_7664
Units	ppm
Avg	F 10.65272
Stddev	.47145
%RSD	4.425619
#1	10.12430
#2	10.80358
#3	11.03027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.251	27956.77	6372.548	1293.939	1961.014
Stddev	9.641	67.89	145.138	8.067	12.082
%RSD	.4903145	.2428327	2.277545	.6234487	.6160954
#1	1955.482	28034.68	6518.800	1294.090	1947.154
#2	1969.193	27910.32	6370.293	1285.797	1969.320
#3	1974.078	27925.31	6228.551	1301.929	1966.567



Sample Name: K5149-06A Acquired: 10/13/2019 21:38:34 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6997012	1.762395	.8672400	1.761556	.7116938	1.953362
Stddev	.0034742	.003372	.0024555	.004653	.0016832	.092414
%RSD	.4965304	.1913182	.2831372	.2641263	.2365076	4.731008

#1	.6987202	1.761453	.8671092	1.757627	.7099872	1.850582
#2	.6968229	1.766138	.8697583	1.760348	.7133526	1.979905
#3	.7035604	1.759595	.8648526	1.766694	.7117417	2.029600

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2836485	.1782484	12.11983	.3777771	.1837863	.7679227
Stddev	.0148113	.0024562	.62967	.0023154	.0008099	.0398177
%RSD	5.221713	1.377965	5.195335	.6129114	.4406708	5.185125

#1	.2672706	.1754136	11.41458	.3756177	.1837130	.7233234
#2	.2875717	.1797406	12.31935	.3774915	.1846303	.7805460
#3	.2961033	.1795911	12.62557	.3802221	.1830155	.7998986

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.984076	.4504520	.0641549	.2686789	.2279888	5.544646
Stddev	.162081	.0010229	.0005416	.0132782	.0009662	.005852
%RSD	5.431527	.2270728	.8441379	4.942039	.4237738	.1055473

#1	2.801538	.4515773	.0638630	.2533547	.2285879	5.538772
#2	3.039567	.4502001	.0647798	.2759071	.2285044	5.544690
#3	3.111123	.4495787	.0638219	.2767748	.2268743	5.550476

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2684080	.3819839	.1993275	.6222109	.1833787	.1897844
Stddev	.0038056	.0017041	.0011953	.0021557	.0093697	.0110009
%RSD	1.417832	.4461140	.5996853	.3464605	5.109495	5.796545

#1	.2645880	.3800175	.1993693	.6197589	.1728208	.1782064
#2	.2721990	.3829038	.2005014	.6238084	.1866106	.1910475
#3	.2684368	.3830303	.1981119	.6230654	.1907047	.2000993



Sample Name: K5149-06A Acquired: 10/13/2019 21:38:34 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2398525	.1810500	1.585809	.2816380	3.181987	F 193.6763
Stddev	.0125328	.0012126	.057119	.0010061	.143064	6.8224
%RSD	5.225216	.6697792	3.601897	.3572192	4.496071	3.522579

#1	.2259690	.1801046	1.530569	.2807165	3.033786	186.3365
#2	.2432576	.1806282	1.582220	.2814862	3.192884	194.8682
#3	.2503309	.1824172	1.644638	.2827114	3.319291	199.8242

Elem	K_7664
Units	ppm
Avg	F 10.55037
Stddev	.44902
%RSD	4.255998

#1	10.06999
#2	10.62158
#3	10.95953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.114	27879.92	6393.835	1280.849	1972.364
Stddev	4.704	30.43	82.692	2.545	8.937
%RSD	.2389864	.1091372	1.293316	.1987014	.4531357

#1	1963.077	27873.89	6488.869	1279.613	1965.498
#2	1968.873	27912.91	6338.297	1279.158	1969.124
#3	1972.392	27852.96	6354.337	1283.776	1982.469



Sample Name: K5176-24 Acquired: 10/13/2019 21:42:22 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 40166 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012653	-.007212	-.005809	.0161761	.0116318	-.004452
Stddev	.003835	.003187	.001278	.0024512	.0027471	.001347
%RSD	30.30887	44.19328	21.99932	15.15315	23.61692	30.25044

#1	-.017041	-.007523	-.005505	.0177785	.0088052	-.004328
#2	-.010977	-.010232	-.004710	.0133543	.0117985	-.003172
#3	-.009941	-.003880	-.007211	.0173954	.0142917	-.005857

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1221723	-.000688	69.29412	-.015618	.0131410	3.086900
Stddev	.0070595	.000255	3.88991	.001206	.0006007	.163174
%RSD	5.778342	37.02744	5.613617	7.724653	4.570873	5.286020

#1	.1140748	-.000530	64.80712	-.014258	.0134749	2.898761
#2	.1254080	-.000982	71.36001	-.016560	.0135005	3.172116
#3	.1270339	-.000553	71.71522	-.016035	.0124475	3.189824

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.988232	.1188905	-.007506	-.018671	7.999301	.0028432
Stddev	.123981	.0002515	.000360	.003172	.017227	.0030024
%RSD	6.235748	.2115459	4.793516	16.98670	.2153556	105.6018

#1	1.848336	.1189544	-.007262	-.019482	8.017153	-.000198
#2	2.031853	.1186132	-.007337	-.021359	7.982776	.005805
#3	2.084507	.1191039	-.007919	-.015173	7.997975	.002922

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3230673	-.005364	6.906734	-.001000	.0000442	.0220534
Stddev	.0119432	.000169	.020948	.000941	.0019999	.0029292
%RSD	3.696810	3.155195	.3033020	94.08429	4519.292	13.28241

#1	.3092789	-.005331	6.925714	-.001817	.0022918	.0190978
#2	.3301869	-.005547	6.910230	-.001211	-.001539	.0221070
#3	.3297360	-.005214	6.884257	.000028	-.000620	.0249555



Sample Name: K5176-24 Acquired: 10/13/2019 21:42:22 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: 40166 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2793265	.0067019	.9219115	.0398347	F 88.06113	F 233.1852
Stddev	.0135493	.0001741	.0509259	.0009739	3.19526	8.2481
%RSD	4.850700	2.597610	5.523948	2.444946	3.628459	3.537126

#1	.2637080	.0067973	.8638231	.0387626	84.42351	223.9039
#2	.2879295	.0065010	.9430344	.0400768	89.34566	235.9754
#3	.2863420	.0068075	.9588771	.0406648	90.41423	239.6762

Elem	K_7664
Units	ppm
Avg	2.862314
Stddev	.159086
%RSD	5.557951

#1	2.687842
#2	2.899773
#3	2.999329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.059	26603.11	6414.948	1224.788	1990.138
Stddev	16.569	306.15	126.505	9.005	19.758
%RSD	.8518501	1.150806	1.972041	.7351912	.9927894

#1	1926.073	26786.07	6559.266	1214.863	1968.477
#2	1952.502	26773.59	6323.221	1232.435	1994.765
#3	1956.600	26249.67	6362.358	1227.066	2007.172



Sample Name: K5266-04 Acquired: 10/13/2019 21:46:11 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: RAW-DISCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002436	-.002337	-.002065	.0305490	.0067216	.0200843
Stddev	.001408	.001159	.002732	.0015189	.0007641	.0179294
%RSD	57.80846	49.57752	132.2868	4.971989	11.36715	89.27081

#1	-.002864	-.003481	-.003906	.0321586	.0074493	.0040450
#2	-.003581	-.001164	-.003362	.0303474	.0059257	.0167673
#3	-.000863	-.002366	.001074	.0291410	.0067900	.0394406

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861249	-.000179	40.27504	-.000435	.0021169	1.299596
Stddev	.0058287	.000037	2.64125	.000971	.0003585	.084157
%RSD	6.767692	20.44930	6.558035	223.1421	16.93672	6.475602

#1	.0794925	-.000214	37.23277	-.000279	.0018011	1.202434
#2	.0884507	-.000141	41.60996	-.001474	.0020429	1.346745
#3	.0904317	-.000182	41.98238	.000448	.0025067	1.349608

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.462493	.0164488	-.002108	-.003443	.0516169	.7709778
Stddev	.148554	.0007877	.000635	.003596	.0018815	.0043975
%RSD	6.032656	4.788996	30.13706	104.4313	3.645126	.5703793

#1	2.292133	.0155707	-.002389	-.000504	.0496743	.7671017
#2	2.530315	.0166824	-.002555	-.007452	.0534307	.7700752
#3	2.565031	.0170933	-.001381	-.002373	.0517456	.7757566

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088345	-.002989	.3532651	-.002399	.0014541	.0069177
Stddev	.0007989	.000187	.0066052	.000339	.0016359	.0015316
%RSD	9.042746	6.262034	1.869756	14.12847	112.5058	22.13985

#1	.0085845	-.002874	.3548307	-.002768	.0010190	.0061826
#2	.0097285	-.002888	.3460177	-.002326	.0032635	.0086783
#3	.0081905	-.003205	.3589468	-.002102	.0000797	.0058923



Sample Name: K5266-04 Acquired: 10/13/2019 21:46:11 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: RAW-DISCRETE Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1905101	.0007705	.5574340	.0083712	F 12.26028	F 214.9916
Stddev	.0119202	.0000236	.0196308	.0001098	.54998	8.8062
%RSD	6.256977	3.056392	3.521641	1.311186	4.485898	4.096080

#1	.1767632	.0007768	.5347696	.0082468	11.62731	205.0219
#2	.1967851	.0007903	.5691023	.0084543	12.53210	218.2436
#3	.1979820	.0007445	.5684302	.0084126	12.62143	221.7094

Elem	K_7664
Units	ppm
Avg	1.327001
Stddev	.062337
%RSD	4.697571

#1	1.257368
#2	1.346028
#3	1.377607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.937	27576.39	6403.412	1265.606	1945.008
Stddev	9.523	523.79	153.335	29.983	12.383
%RSD	.4914122	1.899419	2.394586	2.369097	.6366799

#1	1948.510	28180.36	6580.336	1300.148	1958.960
#2	1935.266	27246.62	6309.008	1246.297	1940.741
#3	1930.034	27302.19	6320.893	1250.374	1935.321



Sample Name: CCV12 Acquired: 10/13/2019 21:50:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.727808	4.737500	4.663194	4.806601	4.758567	9.528434
Stddev	.013761	.010984	.017908	.010478	.014036	.459683
%RSD	.2910694	.2318572	.3840245	.2179918	.2949542	4.824332

#1	4.720412	4.744875	4.670489	4.804356	4.756953	9.003123
#2	4.743686	4.742748	4.676303	4.818019	4.773340	9.725178
#3	4.719327	4.724876	4.642790	4.797426	4.745408	9.857003

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.443549	.2437304	23.57457	.9782893	2.360739	2.356365
Stddev	.471021	.0051078	1.20267	.0025630	.007968	.120738
%RSD	4.987754	2.095697	5.101573	.2619901	.3375171	5.123894

#1	8.906255	.2378763	22.20398	.9756961	2.365304	2.219541
#2	9.639076	.2472799	24.06612	.9808210	2.365375	2.401608
#3	9.785317	.2460349	24.45361	.9783507	2.351539	2.447947

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.85233	2.366710	1.191530	2.307824	2.348909	4.957474
Stddev	1.14370	.006122	.002161	.134579	.003370	.012868
%RSD	4.794901	.2586822	.1813973	5.831443	.1434865	.2595617

#1	22.54350	2.369663	1.190413	2.153873	2.346755	4.957636
#2	24.35423	2.370797	1.190155	2.366474	2.347178	4.970260
#3	24.65926	2.359671	1.194021	2.403126	2.352793	4.944526

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856779	4.833949	4.652522	4.648490	4.697766	4.658989
Stddev	.104951	.022247	.011883	.005366	.222263	.238013
%RSD	2.160919	.4602170	.2554000	.1154299	4.731259	5.108686

#1	4.737284	4.825752	4.656511	4.644888	4.441465	4.388127
#2	4.934005	4.859132	4.661897	4.645925	4.814373	4.754101
#3	4.899048	4.816965	4.639158	4.654657	4.837460	4.834739



Sample Name: CCV12 Acquired: 10/13/2019 21:50:02 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.744936	F 2.574391	5.156929	1.285126	5.075950	24.35670
Stddev	.237558	.004814	.215151	.007365	.179095	.81947
%RSD	5.006553	.1869781	4.172069	.5731320	3.528296	3.364470
#1	4.473854	2.575378	4.913319	1.287910	4.873879	23.42860
#2	4.844152	2.569161	5.236537	1.276774	5.138904	24.66103
#3	4.916803	2.578636	5.320930	1.290694	5.215067	24.98047

Elem	K_7664
Units	ppm
Avg	F 25.45314
Stddev	.95812
%RSD	3.764255
#1	24.36017
#2	25.85109
#3	26.14815

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.607	28652.98	6476.639	1310.144	1985.920
Stddev	8.398	87.57	124.645	2.638	5.691
%RSD	.4187365	.3056117	1.924537	.2013586	.2865835
#1	2006.277	28717.64	6620.538	1310.861	1984.140
#2	1996.894	28687.97	6407.156	1312.350	1981.331
#3	2013.650	28553.33	6402.222	1307.222	1992.289



Sample Name: CCB12 Acquired: 10/13/2019 21:53:35 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001935	.0018052	-.000187	-.002288	-.002123	.0021772	.0005450
Stddev	.001391	.0024022	.003171	.000978	.000866	.0013133	.0003428
%RSD	71.88774	133.0705	1694.528	42.73059	40.79230	60.31978	62.90261

#1	-.000375	.0039743	-.002148	-.001808	-.002555	.0033246	.0009394
#2	-.002381	-.000777	-.001886	-.003413	-.001126	.0024620	.0003774
#3	-.003047	.002218	.003472	-.001643	-.002689	.0007449	.0003182

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	.0131453	.0003458	.0005455	-.000187	-.002466	.0004770
Stddev	.000088	.0078905	.0005209	.0005410	.000221	.002476	.0007200
%RSD	112.2561	60.02544	150.6210	99.17359	118.4070	100.4415	150.9367

#1	-.000151	.0041914	.0000008	.0011699	-.000426	-.003777	.0005287
#2	-.000103	.0190820	.0000917	.0002181	-.000143	.000391	-.000267
#3	.000019	.0161624	.0009450	.0002484	.000009	-.004011	.001170

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001504	-.004514	.0000925	-.002505	-.002494	.0004140	-.000490
Stddev	.000105	.002871	.0001366	.001200	.000749	.0004642	.001931
%RSD	6.955292	63.61052	147.7215	47.89401	30.03815	112.1218	393.7926

#1	-.001472	-.001296	.0001227	-.001613	-.003073	.0008854	-.002688
#2	-.001419	-.006815	-.000057	-.003870	-.002762	.0003992	.000288
#3	-.001621	-.005430	.000211	-.002034	-.001648	-.000043	.000930

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000581	.0015029	.0001725	.0000149	-.000480	.0064528	.0011826
Stddev	.000731	.0012239	.0015817	.0000940	.000136	.0097590	.0002213
%RSD	125.9137	81.44114	917.0552	630.4074	28.34149	151.2367	18.71386

#1	.000145	.0001705	-.000974	.0000163	-.000335	.0027022	.0010672
#2	-.000570	.0017607	.001977	.0001081	-.000605	.0175307	.0010428
#3	-.001318	.0025773	-.000486	-.000080	-.000499	-.000875	.0014378



Sample Name: CCB12 Acquired: 10/13/2019 21:53:35 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.004106	.0297868	-.031827
Stddev	.007820	.0114485	.048609
%RSD	190.4660	38.43475	152.7276

#1	-.012879	.0175768	-.059986
#2	-.001568	.0315039	-.059797
#3	.002130	.0402798	.024301

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.251	29494.74	6507.432	1359.904	2158.018
Stddev	5.874	37.98	86.573	12.393	6.708
%RSD	.2856845	.1287845	1.330368	.9113207	.3108264

#1	2054.132	29470.99	6603.979	1365.305	2157.525
#2	2062.891	29474.67	6436.713	1368.681	2164.959
#3	2051.730	29538.54	6481.604	1345.728	2151.571



Sample Name: K5266-05 Acquired: 10/13/2019 21:57:30 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: RAW-DISCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004289	-.003476	.0048696	.0136956	.0031521	.0417130
Stddev	.003359	.002413	.0007813	.0011431	.0011765	.0131547
%RSD	78.31430	69.40726	16.04453	8.346130	37.32496	31.53617

#1	-.005970	-.000976	.0057452	.0125607	.0025538	.0268471
#2	-.000422	-.005790	.0042434	.0148466	.0045075	.0518476
#3	-.006476	-.003662	.0046203	.0136797	.0023950	.0464443

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0834161	-.000210	16.85120	-.000077	.0060915	.8609484
Stddev	.0081554	.000072	1.86467	.000272	.0002575	.0911328
%RSD	9.776807	34.47360	11.06552	353.7556	4.226521	10.58517

#1	.0755119	-.000188	15.06200	.000231	.0062714	.7731734
#2	.0829350	-.000151	16.70845	-.000177	.0062064	.8545681
#3	.0918015	-.000291	18.78314	-.000285	.0057966	.9551037

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.510461	.0165411	-.001550	.0007925	.3830157	.0332891
Stddev	.182327	.0005294	.000546	.0020771	.0022133	.0016350
%RSD	12.07096	3.200250	35.19120	262.1019	.5778701	4.911383

#1	1.325929	.0170820	-.001153	.0003469	.3805641	.0350814
#2	1.514954	.0160241	-.001325	.0030561	.3836163	.0318793
#3	1.690500	.0165172	-.002172	-.001026	.3848668	.0329066

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219415	-.001469	.7519898	-.000605	.0020737	.0057033
Stddev	.0017677	.000241	.0026231	.001008	.0011685	.0025144
%RSD	8.056481	16.37397	.3488246	166.5820	56.34763	44.08591

#1	.0199159	-.001219	.7494791	-.000129	.0009864	.0030351
#2	.0231722	-.001489	.7517778	.000077	.0019254	.0060462
#3	.0227363	-.001699	.7547125	-.001763	.0033092	.0080287



Sample Name: K5266-05 Acquired: 10/13/2019 21:57:30 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: RAW-DISCRETE Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0632199	.0001222	.3217700	.0054206	3.986634	F 255.2261
Stddev	.0064826	.0000149	.0042216	.0004946	.211233	9.8628
%RSD	10.25400	12.20163	1.312001	9.124651	5.298525	3.864330
#1	.0571398	.0001394	.3264979	.0054336	3.761794	244.0661
#2	.0624786	.0001145	.3183779	.0059086	4.017172	258.8399
#3	.0700412	.0001127	.3204340	.0049196	4.180935	262.7722

Elem	K_7664
Units	ppm
Avg	.9785246
Stddev	.0417101
%RSD	4.262552
#1	.9697868
#2	.9418756
#3	1.023912

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.119	27534.26	6272.299	1273.541	1955.671
Stddev	8.770	29.14	379.425	8.944	10.540
%RSD	.4471688	.1058359	6.049209	.7022794	.5389518
#1	1954.363	27500.93	6610.191	1264.722	1944.457
#2	1957.965	27554.94	6344.879	1273.296	1957.181
#3	1971.029	27546.90	5861.828	1282.605	1965.375



Sample Name: K5316-02 Acquired: 10/13/2019 22:01:24 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001193	.0003752	.0217078	.0283858	.0088907	.0730104
Stddev	.0024601	.0034255	.0025461	.0011919	.0020378	.0136219
%RSD	2061.513	912.9632	11.72908	4.198852	22.92086	18.65752

#1	-.001298	.0037202	.0230408	.0275910	.0080056	.0575033
#2	-.001304	.0005309	.0233107	.0297562	.0074451	.0784827
#3	.002960	-.003126	.0187719	.0278100	.0112215	.0830452

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2708202	-.000170	39.55668	.0001305	.0035713	1.091501
Stddev	.0125176	.000096	1.96226	.0007737	.0003513	.049429
%RSD	4.622097	56.44390	4.960637	592.8687	9.837210	4.528572

#1	.2564123	-.000131	37.30173	.0009344	.0038908	1.035335
#2	.2770243	-.000100	40.49220	.0000662	.0031951	1.110788
#3	.2790240	-.000280	40.87613	-.000609	.0036280	1.128379

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.055194	.0084844	-.001766	-.001558	.2325220	-.002489
Stddev	.118995	.0001282	.000368	.000983	.0002890	.000827
%RSD	5.789964	1.510625	20.86259	63.07007	.1242663	33.23479

#1	1.925831	.0083365	-.001725	-.000637	.2328263	-.003397
#2	2.079767	.0085635	-.002153	-.002593	.2322513	-.001778
#3	2.159984	.0085532	-.001420	-.001446	.2324883	-.002292

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299463	-.003143	.8542722	-.001689	.0003937	.0050555
Stddev	.0012440	.000249	.0073670	.000836	.0019258	.0033290
%RSD	4.153938	7.917271	.8623668	49.48482	489.1907	65.84851

#1	.0305372	-.002856	.8615156	-.000749	-.001795	.0015767
#2	.0307847	-.003275	.8467876	-.002347	.001830	.0053787
#3	.0285170	-.003298	.8545132	-.001973	.001145	.0082111



Sample Name: K5316-02 Acquired: 10/13/2019 22:01:24 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2179025	.0002718	.8476158	.0039789	2.573038	F 203.0423
Stddev	.0095673	.0002183	.0234989	.0006687	.108955	7.2815
%RSD	4.390615	80.32836	2.772347	16.80522	4.234493	3.586181

#1	.2069460	.0000769	.8227688	.0033232	2.453633	194.8400
#2	.2221564	.0005077	.8694820	.0039536	2.598419	205.5434
#3	.2246052	.0002308	.8505968	.0046598	2.667063	208.7437

Elem	K_7664
Units	ppm
Avg	.9799027
Stddev	.0544183
%RSD	5.553437

#1	.9186346
#2	1.022620
#3	.998453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.318	27784.63	6491.444	1280.711	1972.805
Stddev	27.211	163.91	55.172	3.742	26.734
%RSD	1.383173	.5899210	.8499147	.2921633	1.355119

#1	1980.034	27611.03	6553.143	1277.676	1990.273
#2	1985.843	27806.15	6446.853	1279.565	1986.112
#3	1936.076	27936.72	6474.337	1284.892	1942.029



Sample Name: K5316-04 Acquired: 10/13/2019 22:05:17 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050845	-.001262	.0106979	.0170837	.0053845	.1098616
Stddev	.0049770	.001174	.0006764	.0021677	.0020713	.0040952
%RSD	97.88566	93.05044	6.322302	12.68877	38.46881	3.727600

#1	-.000583	-.000037	.0100802	.0194368	.0055726	.1130047
#2	.008742	-.002378	.0114206	.0166462	.0032255	.1113496
#3	.007094	-.001370	.0105929	.0151681	.0073553	.1052304

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3762783	-.000138	19.44602	.0004325	.0017403	.8660839
Stddev	.0204412	.000067	1.02635	.0005501	.0003084	.0444997
%RSD	5.432466	48.68672	5.277961	127.1883	17.72429	5.138031

#1	.3526975	-.000171	18.26190	-.000011	.0014002	.8147317
#2	.3871746	-.000182	19.99582	.000260	.0020021	.8902012
#3	.3889629	-.000061	20.08035	.001048	.0018185	.8933189

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.353499	.0036030	-.001085	.0000707	.2174988	.0026162
Stddev	.058861	.0006117	.000164	.0046693	.0019119	.0026385
%RSD	4.348808	16.97778	15.10114	6606.313	.8790351	100.8524

#1	1.292394	.0036991	-.001039	-.005274	.2153220	.0017079
#2	1.358279	.0029490	-.001267	.002128	.2182686	.0055888
#3	1.409825	.0041610	-.000950	.003358	.2189057	.0005518

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460108	-.002348	.7311242	-.001673	.0025390	.0058355
Stddev	.0003303	.000119	.0078466	.000755	.0004105	.0011921
%RSD	.7178445	5.080895	1.073221	45.11373	16.16635	20.42795

#1	.0456707	-.002211	.7228878	-.001243	.0023265	.0044743
#2	.0463303	-.002405	.7319729	-.002544	.0030122	.0066931
#3	.0460312	-.002428	.7385119	-.001231	.0022784	.0063392



Sample Name: K5316-04 Acquired: 10/13/2019 22:05:17 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1171066	.0001848	.5252129	.0035154	1.808637	F 226.4231
Stddev	.0062659	.0001756	.0188254	.0003256	.062675	7.6004
%RSD	5.350610	95.04447	3.584333	9.262785	3.465317	3.356725

#1	.1098825	.0001639	.5157243	.0031402	1.736505	217.6827
#2	.1203702	.0000205	.5130200	.0036816	1.839620	230.1079
#3	.1210670	.0003699	.5468945	.0037243	1.849787	231.4787

Elem	K_7664
Units	ppm
Avg	1.018874
Stddev	.058445
%RSD	5.736235

#1	.952135
#2	1.043567
#3	1.060919

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.317	26152.62	6118.855	1205.890	1884.158
Stddev	9.192	184.36	110.117	7.833	8.566
%RSD	.4888330	.7049508	1.799633	.6495465	.4546414

#1	1885.816	26321.19	6245.938	1206.190	1891.816
#2	1869.706	25955.74	6051.679	1197.911	1874.907
#3	1885.430	26180.93	6058.948	1213.568	1885.751



Sample Name: K5316-06 Acquired: 10/13/2019 22:09:08 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005351	-.000916	.0041363	.0198465	.0045777	.0737974
Stddev	.002754	.002724	.0006471	.0018958	.0005600	.0134139
%RSD	51.46628	297.4363	15.64501	9.552247	12.23351	18.17663

#1	-.006534	-.001719	.0044196	.0177778	.0049291	.0708848
#2	-.007316	.002119	.0033958	.0215008	.0039319	.0620791
#3	-.002203	-.003148	.0045934	.0202609	.0048721	.0884283

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3317523	-.000214	23.84793	.0001719	.0024926	1.536101
Stddev	.0153656	.000048	1.15715	.0002832	.0000834	.073912
%RSD	4.631661	22.19899	4.852211	164.7865	3.346787	4.811679

#1	.3143698	-.000269	22.52908	.0003694	.0024159	1.451146
#2	.3373629	-.000179	24.32167	-.000153	.0024805	1.571516
#3	.3435242	-.000195	24.69304	.000299	.0025814	1.585643

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.008148	.0046592	-.001406	-.005153	.1133799	-.001728
Stddev	.140309	.0001752	.000454	.003852	.0013278	.000946
%RSD	6.987002	3.760564	32.26881	74.76445	1.171129	54.75681

#1	1.850013	.0046674	-.001917	-.000984	.1118825	-.000989
#2	2.056691	.0044800	-.001050	-.005893	.1144141	-.002794
#3	2.117739	.0048302	-.001252	-.008581	.1138431	-.001401

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292668	-.002387	.4956443	-.001440	.0008955	.0059856
Stddev	.0017078	.000126	.0055623	.000257	.0004901	.0013049
%RSD	5.835219	5.277836	1.122238	17.84819	54.73272	21.80124

#1	.0293483	-.002422	.5020421	-.001652	.0011353	.0063665
#2	.0309324	-.002491	.4919554	-.001514	.0003317	.0070577
#3	.0275197	-.002247	.4929352	-.001154	.0012196	.0045326



Sample Name: K5316-06 Acquired: 10/13/2019 22:09:08 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-10 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040563	.0002219	.8735654	.0022933	.5477717	F 213.4569
Stddev	.0047409	.0001787	.0214947	.0002421	.0253358	7.6280
%RSD	4.556065	80.56270	2.460572	10.55688	4.625239	3.573546
#1	.0986482	.0000434	.8500114	.0020594	.5194785	204.8528
#2	.1060249	.0004008	.8785652	.0022775	.5554748	216.1267
#3	.1074956	.0002214	.8921195	.0025429	.5683619	219.3910

Elem	K_7664
Units	ppm
Avg	.9159413
Stddev	.0774792
%RSD	8.458974
#1	.8268004
#2	.9671041
#3	.9539193

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.570	26885.11	6256.544	1244.371	1904.973
Stddev	10.882	37.19	53.920	8.340	8.512
%RSD	.5683541	.1383109	.8618174	.6702361	.4468161
#1	1902.273	26847.02	6315.856	1252.787	1895.469
#2	1922.952	26887.00	6210.490	1236.109	1911.896
#3	1918.486	26921.32	6243.287	1244.218	1907.552



Sample Name: K5316-08 Acquired: 10/13/2019 22:13:01 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005998	.0002645	.0047158	.0422528	.0075021	.0355070
Stddev	.004275	.0031259	.0017536	.0033496	.0021294	.0120419
%RSD	71.27561	1181.669	37.18454	7.927450	28.38415	33.91424

#1	-.008349	.0032982	.0045242	.0461096	.0089932	.0263755
#2	-.001063	-.002946	.0065574	.0400729	.0084498	.0309914
#3	-.008583	.000442	.0030660	.0405759	.0050634	.0491540

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3115370	-.000201	60.97641	.0001895	.0053269	1.833870
Stddev	.0143260	.000145	2.70772	.0002241	.0002112	.085549
%RSD	4.598504	72.49603	4.440603	118.2984	3.964924	4.664939

#1	.2949950	-.000159	57.85429	.0000305	.0052191	1.735102
#2	.3198808	-.000362	62.39257	.0004458	.0051914	1.881743
#3	.3197353	-.000080	62.68238	.0000921	.0055703	1.884763

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.85911	.0049788	-.000888	-.004322	.1562097	-.000680
Stddev	.62693	.0003370	.000509	.001747	.0014830	.002908
%RSD	5.286484	6.768659	57.34162	40.41357	.9493402	427.4412

#1	11.13652	.0052242	-.000323	-.003499	.1560864	-.001184
#2	12.18257	.0045946	-.001031	-.003139	.1547923	.002447
#3	12.25825	.0051177	-.001311	-.006328	.1577505	-.003303

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336346	-.003967	1.167785	-.002430	.0007111	.0068223
Stddev	.0028788	.000355	.009193	.000533	.0006249	.0022204
%RSD	8.558919	8.937479	.7872192	21.94408	87.87660	32.54622

#1	.0312045	-.004256	1.177856	-.002041	.0013330	.0046600
#2	.0328854	-.003571	1.165657	-.003038	.0007170	.0067103
#3	.0368139	-.004074	1.159843	-.002211	.0000833	.0090965



Sample Name: K5316-08 Acquired: 10/13/2019 22:13:01 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1725943	.0006144	.6501529	.0033906	.0064913	F 225.4637
Stddev	.0073152	.0000372	.0393938	.0005685	.0027106	7.5758
%RSD	4.238397	6.051737	6.059160	16.76713	41.75792	3.360092

#1	.1641512	.0005748	.6046649	.0040288	.0060793	217.1432
#2	.1765966	.0006486	.6728595	.0032047	.0093843	227.2852
#3	.1770351	.0006197	.6729342	.0029384	.0040103	231.9627

Elem	K_7664
Units	ppm
Avg	.8300891
Stddev	.0257887
%RSD	3.106743

#1	.8020647
#2	.8353816
#3	.8528210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.127	26441.17	6130.541	1227.426	1879.719
Stddev	17.173	182.65	104.707	7.391	16.815
%RSD	.9061540	.6907668	1.707953	.6021694	.8945265

#1	1877.025	26242.06	6234.119	1219.491	1862.448
#2	1897.167	26480.50	6024.741	1234.115	1880.674
#3	1911.188	26600.95	6132.764	1228.672	1896.036



Sample Name: K5323-02 Acquired: 10/13/2019 22:16:54 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004779	-.001947	.0770424	.0195915	.0043190	.1911269
Stddev	.004797	.002494	.0005440	.0002185	.0009531	.0333465
%RSD	100.3766	128.0906	.7061117	1.115467	22.06767	17.44729

#1	-.010244	-.003154	.0776664	.0195962	.0053292	.1611395
#2	-.001268	-.003608	.0766676	.0198076	.0034358	.1852028
#3	-.002823	.000921	.0767933	.0193706	.0041920	.2270384

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1943506	.0008629	19.46603	-.000111	.0125921	.3060380
Stddev	.0184434	.0000424	1.84656	.000455	.0001467	.0316035
%RSD	9.489736	4.911183	9.486069	411.1363	1.165433	10.32665

#1	.1767122	.0008735	17.67943	.000411	.0125331	.2761049
#2	.1928341	.0008990	19.35145	-.000427	.0127591	.3029273
#3	.2135053	.0008163	21.36722	-.000316	.0124839	.3390818

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7509041	.1363162	-.001128	-.002309	.7574256	-.005901
Stddev	.0715210	.0002889	.000886	.003722	.0077184	.002252
%RSD	9.524654	.2119205	78.60178	161.1812	1.019030	38.16872

#1	.6734769	.1365253	-.001438	.001816	.7491352	-.003821
#2	.7647375	.1364367	-.000128	-.003327	.7644037	-.005589
#3	.8144979	.1359866	-.001818	-.005417	.7587381	-.008293

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227982	-.002007	.2157553	-.001696	.0020653	.0076534
Stddev	.0021307	.000355	.0027248	.000633	.0013268	.0024173
%RSD	9.345677	17.68006	1.262896	37.33341	64.24314	31.58495

#1	.0221805	-.002153	.2183902	-.002142	.0005851	.0060904
#2	.0210446	-.002266	.2129488	-.001976	.0031476	.0064320
#3	.0251694	-.001603	.2159269	-.000971	.0024631	.0104377



Sample Name: K5323-02 Acquired: 10/13/2019 22:16:54 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949321	.0084108	.8206795	.8110570	1.647009	F 233.8527
Stddev	.0087729	.0001316	.0612436	.0008688	.058786	8.3841
%RSD	9.241191	1.564610	7.462543	.1071203	3.569248	3.585190

#1	.0862601	.0082892	.7553545	.8119077	1.584975	224.8092
#2	.0947338	.0085505	.8767996	.8101711	1.654160	235.3820
#3	.1038024	.0083927	.8298844	.8110922	1.701892	241.3668

Elem	K_7664
Units	ppm
Avg	.7262065
Stddev	.0621378
%RSD	8.556492

#1	.6563367
#2	.7752753
#3	.7470075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.122	26802.74	6123.979	1237.089	1894.770
Stddev	14.253	305.41	356.785	11.138	11.523
%RSD	.7481439	1.139489	5.826035	.9003578	.6081704

#1	1891.408	27155.07	6443.850	1249.780	1883.334
#2	1904.099	26639.79	6188.894	1228.935	1894.597
#3	1919.859	26613.35	5739.193	1232.553	1906.379



Sample Name: K5323-04 Acquired: 10/13/2019 22:20:45 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005409	-.001463	.0529100	.0430139	.0094457	.0929317
Stddev	.003286	.001366	.0017096	.0003136	.0002789	.0068478
%RSD	60.75201	93.36511	3.231219	.7289642	2.952414	7.368665

#1	-.005606	.000090	.0510083	.0432276	.0093652	.0906427
#2	-.008591	-.002476	.0534020	.0431602	.0092160	.0875216
#3	-.002029	-.002003	.0543197	.0426540	.0097560	.1006308

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1296605	-.000001	64.25223	-.000104	.0035894	.2670460
Stddev	.0047923	.000197	2.91149	.000398	.0003812	.0115586
%RSD	3.696047	31765.67	4.531338	384.5187	10.61858	4.328322

#1	.1241370	.000227	60.89084	-.000448	.0038512	.2536992
#2	.1321316	-.000104	65.98324	-.000196	.0031522	.2737220
#3	.1327130	-.000124	65.88262	.000333	.0037650	.2737166

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8007434	.0757521	-.001484	-.000335	.4384575	-.009135
Stddev	.0225925	.0006153	.000732	.002692	.0078432	.002068
%RSD	2.821444	.8123245	49.33178	803.5911	1.788814	22.63770

#1	.7750101	.0759382	-.002032	-.000209	.4296546	-.008865
#2	.8098994	.0750651	-.000653	-.003087	.4447021	-.011326
#3	.8173207	.0762529	-.001767	.002291	.4410158	-.007216

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031110	-.004066	.3492245	-.002729	.0013415	.0072088
Stddev	.0003612	.000046	.0053206	.000292	.0016191	.0010793
%RSD	11.61175	1.128692	1.523535	10.69351	120.6922	14.97205

#1	.0034976	-.004109	.3473953	-.002864	-.000515	.0061808
#2	.0027821	-.004072	.3552183	-.002929	.002460	.0083330
#3	.0030532	-.004017	.3450597	-.002394	.002080	.0071126



Sample Name: K5323-04 Acquired: 10/13/2019 22:20:45 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1989155	.0023095	.4524615	.6044786	.9216600	F 222.0522
Stddev	.0076802	.0002016	.0164375	.0050784	.0394492	6.9452
%RSD	3.861042	8.727692	3.632900	.8401323	4.280234	3.127718
#1	.1900496	.0024143	.4335093	.5996514	.8772674	214.1068
#2	.2031671	.0020771	.4610440	.6040089	.9350125	225.0821
#3	.2035297	.0024371	.4628313	.6097756	.9527001	226.9676

Elem	K_7664
Units	ppm
Avg	.3218641
Stddev	.0730936
%RSD	22.70945
#1	.2376320
#2	.3593561
#3	.3686043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.059	26385.16	6122.574	1217.886	1868.335
Stddev	21.853	363.09	73.357	20.895	18.801
%RSD	1.159898	1.376118	1.198145	1.715670	1.006279
#1	1864.877	26800.38	6202.803	1241.949	1852.083
#2	1879.451	26127.22	6058.928	1204.333	1863.995
#3	1907.848	26227.89	6105.990	1207.375	1888.925



Sample Name: K5323-06 Acquired: 10/13/2019 22:24:36 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007887	-.001746	-.001384	.0392665	.0081429	.0608139
Stddev	.003497	.000964	.001664	.0005317	.0010893	.0192706
%RSD	44.34350	55.19235	120.2053	1.353942	13.37692	31.68772

#1	-.007512	-.001748	-.003280	.0391829	.0092506	.0446978
#2	-.004593	-.000781	-.000168	.0387816	.0081051	.0555845
#3	-.011557	-.002708	-.000704	.0398350	.0070731	.0821595

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0897424	-.000066	61.86066	.0011419	.0020676	.2000424
Stddev	.0049133	.000083	2.75258	.0008337	.0003360	.0104533
%RSD	5.474834	124.5965	4.449646	73.00566	16.25208	5.225562

#1	.0840961	-.000010	58.68874	.0016899	.0024545	.1879726
#2	.0920870	-.000028	63.27082	.0001825	.0019004	.2061863
#3	.0930442	-.000161	63.62242	.0015533	.0018480	.2059683

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9405278	.0064091	-.001906	-.002090	.0392450	.0014013
Stddev	.0581413	.0007277	.000451	.001879	.0002557	.0022128
%RSD	6.181770	11.35397	23.67231	89.91545	.6516431	157.9080

#1	.8738248	.0060367	-.001743	-.000586	.0389497	.0026413
#2	.9672888	.0072477	-.001559	-.004197	.0393942	.0027162
#3	.9804699	.0059430	-.002416	-.001487	.0393912	-.001153

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026317	-.004140	.2829594	-.002372	.0011285	.0082432
Stddev	.0003506	.000231	.0026361	.001801	.0011898	.0023433
%RSD	13.32201	5.575442	.9315986	75.95352	105.4337	28.42756

#1	.0029799	-.003885	.2847631	-.001201	.0002718	.0056936
#2	.0022788	-.004335	.2799341	-.001468	.0024870	.0087332
#3	.0026362	-.004201	.2841809	-.004446	.0006268	.0103028



Sample Name: K5323-06 Acquired: 10/13/2019 22:24:36 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2013701	.0001295	.2186820	.0104619	.5076231	F 207.6840
Stddev	.0100104	.0001901	.0110355	.0008021	.0231149	7.3169
%RSD	4.971142	146.7889	5.046361	7.667308	4.553553	3.523076

#1	.1898163	.0000600	.2065165	.0095651	.4811132	199.5219
#2	.2068486	.0003446	.2280484	.0107096	.5235645	209.8753
#3	.2074455	-.000016	.2214813	.0111110	.5181917	213.6549

Elem	K_7664
Units	ppm
Avg	.1939991
Stddev	.0546388
%RSD	28.16449

#1	.1315152
#2	.2328059
#3	.2176760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.110	26513.48	6161.175	1222.682	1876.932
Stddev	.597	85.13	91.723	4.142	3.994
%RSD	.0317785	.3210701	1.488732	.3388003	.2127898

#1	1879.717	26437.89	6254.488	1221.424	1872.762
#2	1879.814	26496.86	6071.129	1227.307	1880.723
#3	1880.797	26605.69	6157.908	1219.314	1877.313



Sample Name: K5323-08 Acquired: 10/13/2019 22:28:31 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002813	-.001431	.0212320	.0558161	.0130899	.0499440
Stddev	.000847	.001495	.0033394	.0026163	.0008339	.0085597
%RSD	30.12663	104.4253	15.72827	4.687299	6.370886	17.13862

#1	-.003339	-.001962	.0225718	.0528009	.0124056	.0508010
#2	-.003265	.000256	.0236934	.0571612	.0128454	.0409880
#3	-.001835	-.002588	.0174307	.0574862	.0140188	.0580430

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2357285	.0003266	157.8859	-.000555	.0093871	.4214174
Stddev	.0136863	.0000750	8.5135	.000673	.0002111	.0256312
%RSD	5.805941	22.95579	5.392200	121.3748	2.248384	6.082131

#1	.2200465	.0003476	148.1545	-.000669	.0091730	.3918946
#2	.2418760	.0003888	161.5457	-.001164	.0093933	.4343741
#3	.2452632	.0002434	163.9576	.000168	.0095950	.4379836

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.430295	.0791138	-.002259	-.005575	.5203800	-.003697
Stddev	.112201	.0008486	.000865	.001615	.0031761	.003565
%RSD	7.844616	1.072650	38.29991	28.96100	.6103324	96.43685

#1	1.312322	.0800704	-.001263	-.004336	.5240442	-.004819
#2	1.442904	.0784515	-.002823	-.004989	.5186816	.000294
#3	1.535659	.0788194	-.002692	-.007401	.5184144	-.006566

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046734	.0004730	.6468859	-.003169	-.001923	.0107892
Stddev	.0007502	.0004511	.0004156	.000387	.000940	.0028759
%RSD	16.05206	95.36345	.0642405	12.20034	48.89585	26.65577

#1	.0048327	.0009902	.6473489	-.002725	-.002795	.0094630
#2	.0038564	.0001608	.6465452	-.003355	-.000926	.0088156
#3	.0053311	.0002681	.6467638	-.003428	-.002048	.0140889



Sample Name: K5323-08 Acquired: 10/13/2019 22:28:31 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5763074	.0029721	1.049197	.0063100	4.228212	F 243.7483
Stddev	.0287704	.0001738	.010405	.0011245	.122186	7.4466
%RSD	4.992195	5.846274	.9917529	17.82092	2.889783	3.055017

#1	.5434153	.0029786	1.037849	.0059416	4.087680	235.2571
#2	.5887142	.0027952	1.051451	.0054158	4.287635	246.8210
#3	.5967927	.0031425	1.058291	.0075724	4.309321	249.1668

Elem	K_7664
Units	ppm
Avg	1.081417
Stddev	.075922
%RSD	7.020613

#1	.994570
#2	1.135202
#3	1.114479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.393	26342.61	6240.464	1214.631	1858.644
Stddev	11.397	81.01	153.635	6.213	6.664
%RSD	.6087040	.3075343	2.461924	.5114836	.3585216

#1	1877.531	26255.45	6416.816	1207.599	1861.399
#2	1880.317	26356.77	6168.981	1219.376	1863.488
#3	1859.332	26415.61	6135.594	1216.918	1851.044



Sample Name: CCV13 Acquired: 10/13/2019 22:32:22 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809711	4.824942	4.746532	4.889566	4.834703	9.694297
Stddev	.004594	.010943	.007724	.007090	.009987	.547524
%RSD	.0955191	.2268095	.1627263	.1450112	.2065630	5.647894

#1	4.806715	4.818770	4.755323	4.881393	4.846139	9.067428
#2	4.815000	4.818480	4.743440	4.893229	4.827696	9.936608
#3	4.807418	4.837578	4.740833	4.894076	4.830276	10.07886

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.620307	.2500849	24.14298	.9955723	2.405195	2.409589
Stddev	.541691	.0060239	1.35005	.0047302	.007397	.133016
%RSD	5.630703	2.408760	5.591893	.4751256	.3075567	5.520266

#1	8.998635	.2432995	22.59501	.9936682	2.412812	2.257281
#2	9.871376	.2548029	24.75734	.9920909	2.398039	2.468571
#3	9.990910	.2521523	25.07658	1.000958	2.404733	2.502915

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.40214	2.411430	1.210098	2.347665	2.367568	5.062156
Stddev	1.20757	.006533	.001893	.126124	.009102	.025816
%RSD	4.948619	.2709279	.1564679	5.372321	.3844606	.5099850

#1	23.04036	2.418704	1.208160	2.202874	2.362502	5.090869
#2	24.82345	2.406063	1.211943	2.406497	2.362125	5.040861
#3	25.34261	2.409522	1.210192	2.433623	2.378076	5.054739

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976017	4.913121	4.756476	4.758153	4.757612	4.737651
Stddev	.122081	.016134	.008021	.000751	.235021	.275158
%RSD	2.453383	.3283789	.1686378	.0157743	4.939904	5.807895

#1	4.836431	4.931511	4.759604	4.757387	4.488004	4.421781
#2	5.062855	4.901349	4.747362	4.758888	4.865607	4.865893
#3	5.028765	4.906503	4.762461	4.758183	4.919226	4.925278



Sample Name: CCV13 Acquired: 10/13/2019 22:32:22 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.838749	F 2.589720	5.085641	1.294181	5.071306	24.24810
Stddev	.267605	.003260	.224606	.003861	.177257	.94126
%RSD	5.530453	.1258788	4.416476	.2983383	3.495295	3.881788
#1	4.531956	2.588262	4.829393	1.289738	4.882015	23.20002
#2	4.960193	2.593455	5.179115	1.296725	5.098521	24.52292
#3	5.024097	2.587444	5.248414	1.296080	5.233382	25.02136

Elem	K_7664
Units	ppm
Avg	F 25.47811
Stddev	1.05691
%RSD	4.148297
#1	24.27911
#2	25.88053
#3	26.27470

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.463	28139.24	6340.021	1294.772	1960.406
Stddev	7.360	37.05	136.833	1.179	6.460
%RSD	.3706796	.1316537	2.158238	.0910462	.3295434
#1	1977.197	28105.91	6496.454	1296.125	1953.640
#2	1991.306	28179.13	6242.572	1294.220	1966.509
#3	1987.885	28132.68	6281.038	1293.969	1961.070



Sample Name: CCB13 Acquired: 10/13/2019 22:35:56 Type: Unk
Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002009	.0030800	-.000055	-.001879	-.000710	.0020904	.0005008
Stddev	.000900	.0036223	.001224	.000684	.002493	.0053372	.0002202
%RSD	44.78449	117.6095	2225.110	36.39570	350.8833	255.3209	43.96666

#1	-.002705	-.000409	.000874	-.001827	-.000912	.0066420	.0005118
#2	-.000993	.002826	.000404	-.001222	-.003096	-.003784	.0007152
#3	-.002330	.006823	-.001442	-.002587	.001877	.003413	.0002753

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000128	.0019414	.0005261	.0003035	.0001101	.0201717	-.000094
Stddev	.000059	.0157039	.0003975	.0002238	.0004362	.0179635	.000093
%RSD	46.25287	808.8931	75.55439	73.72359	396.1115	89.05341	98.93397

#1	-.000166	-.011938	.0009262	.0000681	.0004916	.0168800	.000007
#2	-.000158	.018987	.0005212	.0003290	-.000365	.0395534	-.000177
#3	-.000060	-.001225	.0001311	.0005134	.000204	.0040816	-.000112

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001395	-.004795	-.000366	-.001085	-.002926	.0011632	-.005508
Stddev	.000191	.005837	.000358	.002929	.001497	.0007794	.006049
%RSD	13.71387	121.7365	97.65253	269.9158	51.15854	66.99972	109.8142

#1	-.001534	-.010724	-.000738	-.002475	-.003481	.0018554	-.009008
#2	-.001177	.000946	-.000338	-.003061	-.004067	.0013152	-.008993
#3	-.001474	-.004607	-.000024	.002280	-.001231	.0003191	.001476

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000459	.0017095	.0019406	-.000000	-.000319	.0106008	.0012609
Stddev	.000397	.0008371	.0018255	.000033	.000124	.0146526	.0005923
%RSD	86.55616	48.96442	94.06723	9357.132	38.83975	138.2214	46.97230

#1	-.000894	.0026218	.0009513	.000032	-.000177	-.006314	.0011994
#2	-.000115	.0009768	.0008234	-.000034	-.000376	.018723	.0018815
#3	-.000369	.0015300	.0040473	.000001	-.000405	.019394	.0007018



Sample Name: CCB13 Acquired: 10/13/2019 22:35:56 Type: Unk
 Method: NON EPA-6010-200.7(v10) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.005384	.0537216	-.097898
Stddev	.004663	.0128597	.022225
%RSD	86.60899	23.93764	22.70246

#1	-.006215	.0396662	-.072261
#2	-.000362	.0566012	-.109701
#3	-.009576	.0648973	-.111732

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.257	28914.20	6402.269	1332.152	2112.347
Stddev	16.258	39.74	104.564	1.891	18.540
%RSD	.8087642	.1374415	1.633227	.1419684	.8776768

#1	2004.199	28893.68	6522.870	1332.950	2100.258
#2	1997.897	28888.90	6336.958	1329.993	2103.092
#3	2028.674	28960.00	6346.981	1333.514	2133.692

