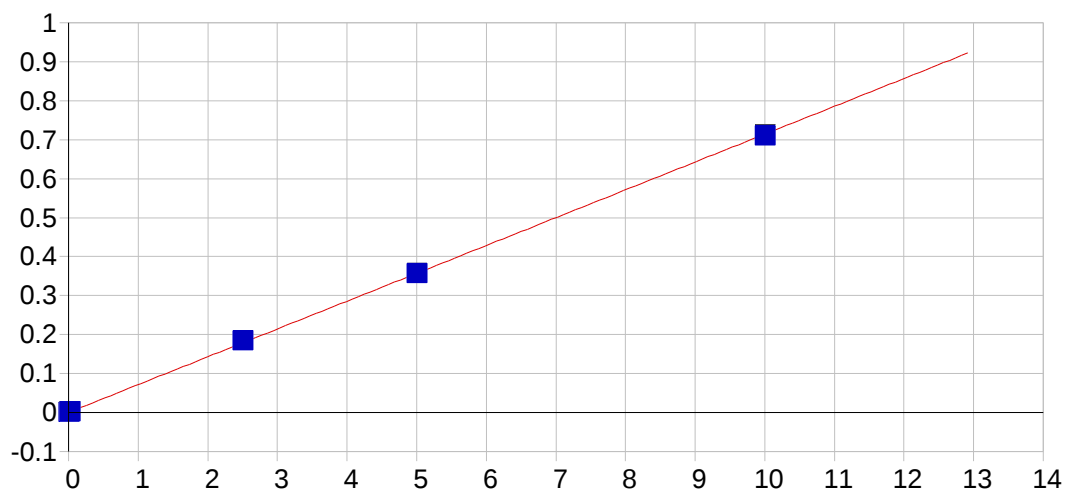


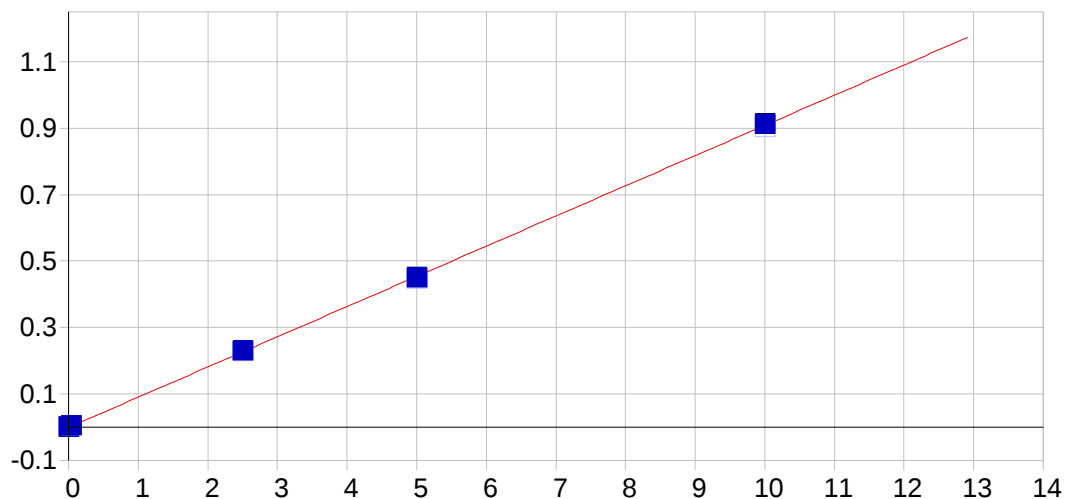


As 189.042 {479}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000257 Re-Slope: 1.000000
 A1 (Gain): 0.071392 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.004414
 Predicted MQL: 0.014713

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.01707	-.003	-14.7	.00148	.000	1
S3	2.5000	2.5790	.079	3.16	.18439	.000	1
S4	5.0000	4.9794	-.021	-.412	.35578	.001	1
S5	10.000	9.9446	-.055	-.554	.71030	.002	1



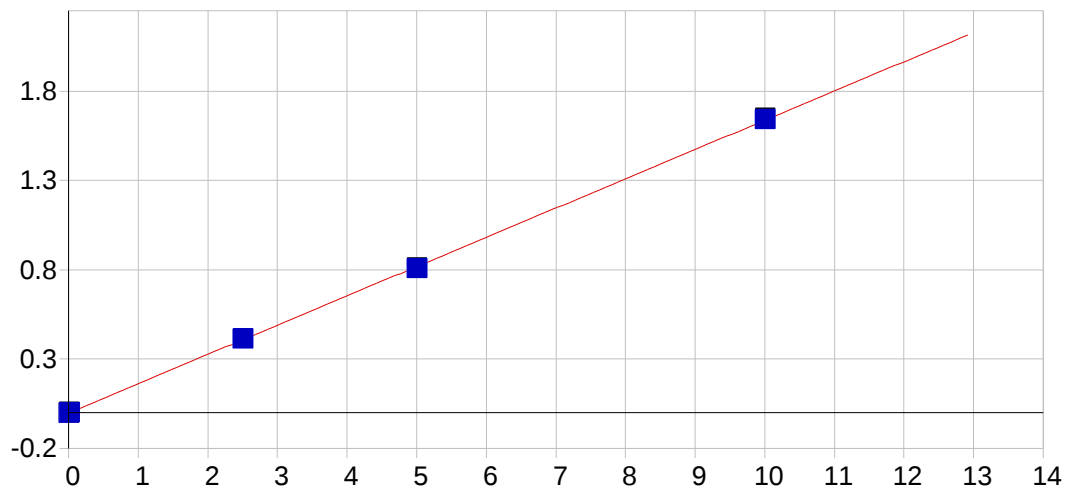
TI 190.856 {477}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000499 Re-Slope: 1.000000

A1 (Gain): 0.090883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003178
 Predicted MQL: 0.010594

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00050	.000	1
S1	.04000	.04173	.002	4.33	.00320	.000	1
S3	2.5000	2.5296	.030	1.18	.22714	.000	1
S4	5.0000	4.9482	-.052	-1.04	.44470	.002	1
S5	10.000	10.021	.021	.205	.90118	.003	1

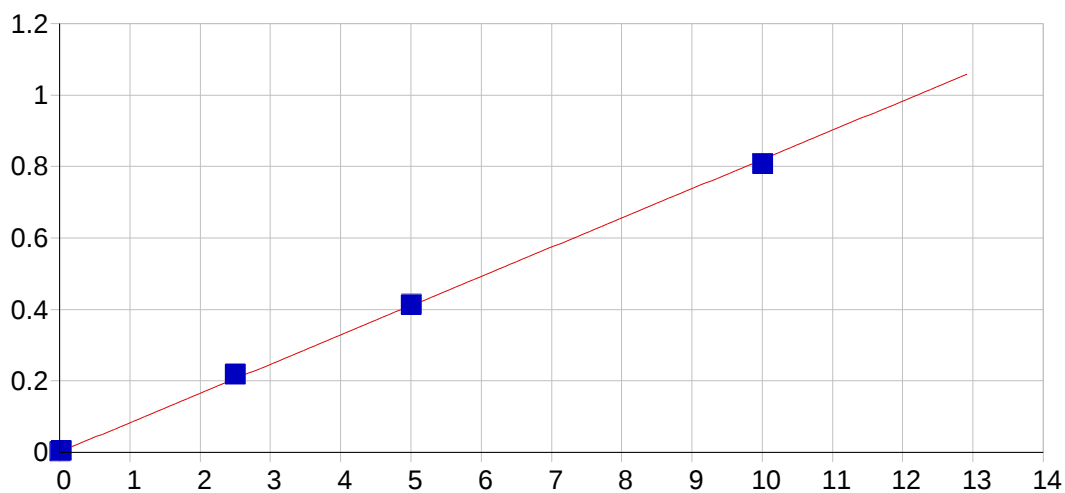


Pb 220.353 {453}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001413 Re-Slope: 1.000000
 A1 (Gain): 0.163833 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.003457
 Predicted MQL: 0.011524

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00141	.001	1
S1	.01200	.01293	.001	7.73	.00067	.000	1
S3	2.5000	2.5332	.033	1.33	.41303	.001	1
S4	5.0000	4.9382	-.062	-1.24	.80647	.002	1
S5	10.000	10.028	.028	.278	1.6392	.007	1

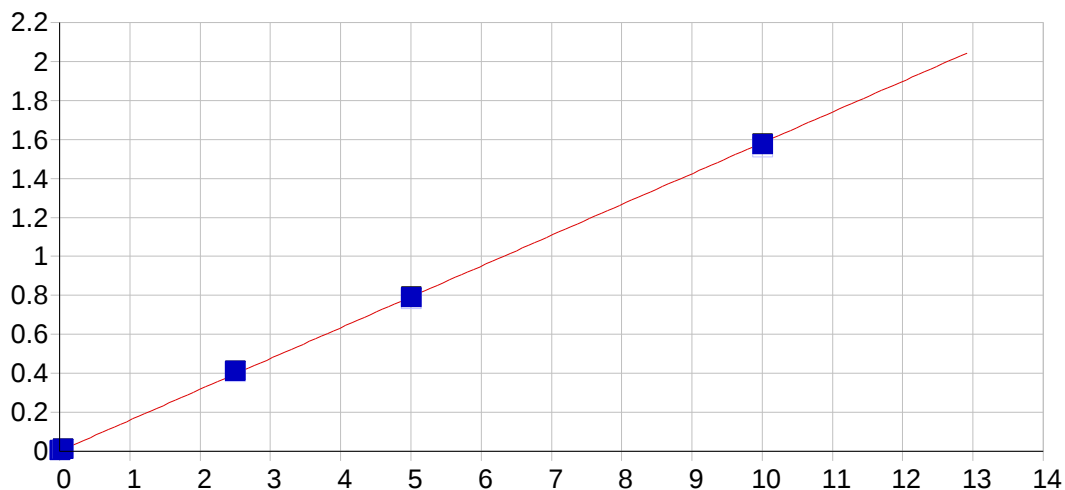


Se 196.090 {472}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001370 Re-Slope: 1.000000
 A1 (Gain): 0.081839 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999690 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.005104
 Predicted MQL: 0.017013

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00137	.000	1
S1	.02000	.01816	-.002	-9.18	.00286	.000	1
S3	2.5000	2.6398	.140	5.59	.21744	.000	1
S4	5.0000	5.0272	.027	.544	.41286	.001	1
S5	10.000	9.8349	-.165	-1.65	.80640	.001	1



Sb 206.833 {463}

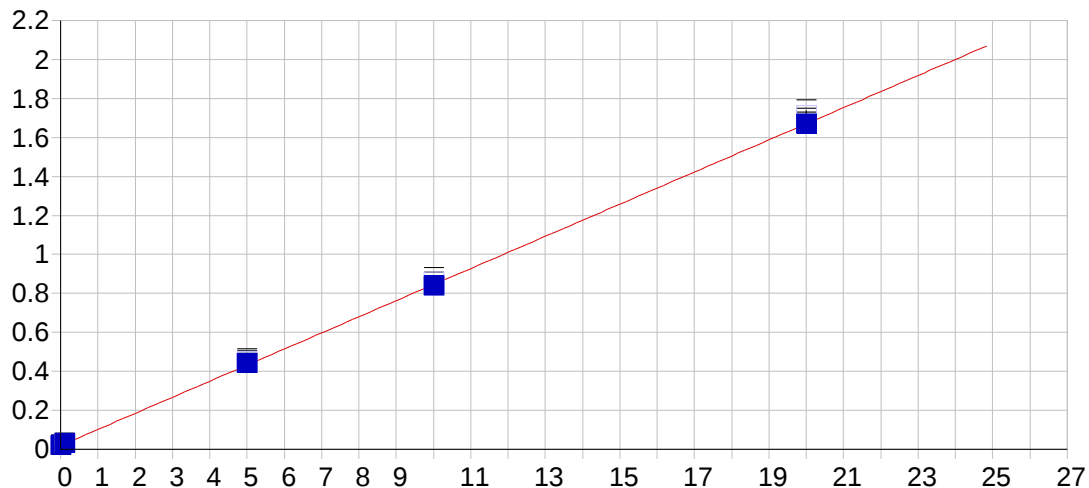
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001871 Re-Slope: 1.000000
 A1 (Gain): 0.158073 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902
 Std Error of Est: 0.000083
 Predicted MDL: 0.002846
 Predicted MQL: 0.009487

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00187	.000	1
S1	.05000	.05423	.004	8.47	.01025	.000	1
S3	2.5000	2.5794	.079	3.18	.40517	.001	1
S4	5.0000	4.9714	-.029	-.571	.77883	.002	1
S5	10.000	9.9449	-.055	-.551	1.5561	.002	1



AI 396.152 { 85}

Date of Fit: 11/5/2019 17:15:29

Type of Fit: Linear

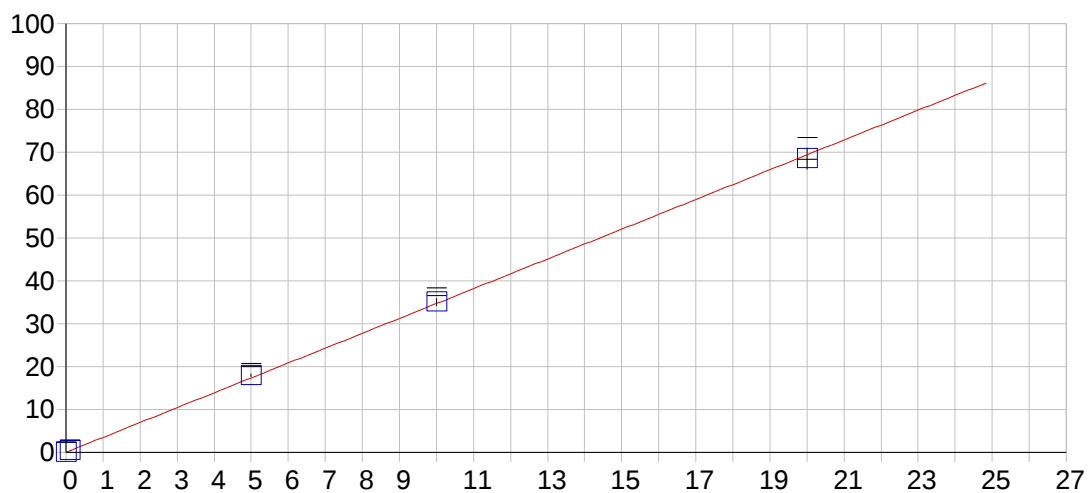
Weighting: 1/Conc

A0 (Offset): 0.019263
 A1 (Gain): 0.082559
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000068
 Predicted MDL: 0.014829
 Predicted MQL: 0.049429

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01926	.001	1
S1	.10000	.10924	.009	9.24	.02889	.001	1
S3	5.0000	5.1091	.109	2.18	.45146	.012	1
S4	10.000	9.9076	-.092	-.924	.85802	.020	1
S5	20.000	19.974	-.026	-.131	1.7099	.031	1

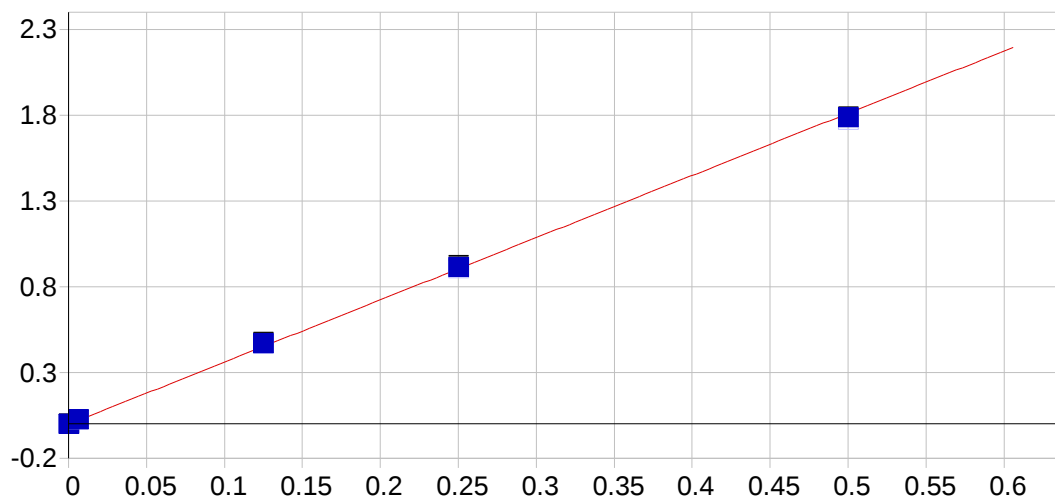


Ba 493.409 { 68}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032646 Re-Slope: 1.000000
 A1 (Gain): 3.467961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.004566
 Predicted MDL: 0.000832
 Predicted MQL: 0.002775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03261	.003	1
S1	.10000	.10782	.008	7.82	.40654	.009	1
S3	5.0000	5.1632	.163	3.26	17.939	.381	1
S4	10.000	10.096	.096	.957	35.044	.907	1
S5	20.000	19.733	-.267	-1.33	68.467	2.56	1



Be 234.861 {144}

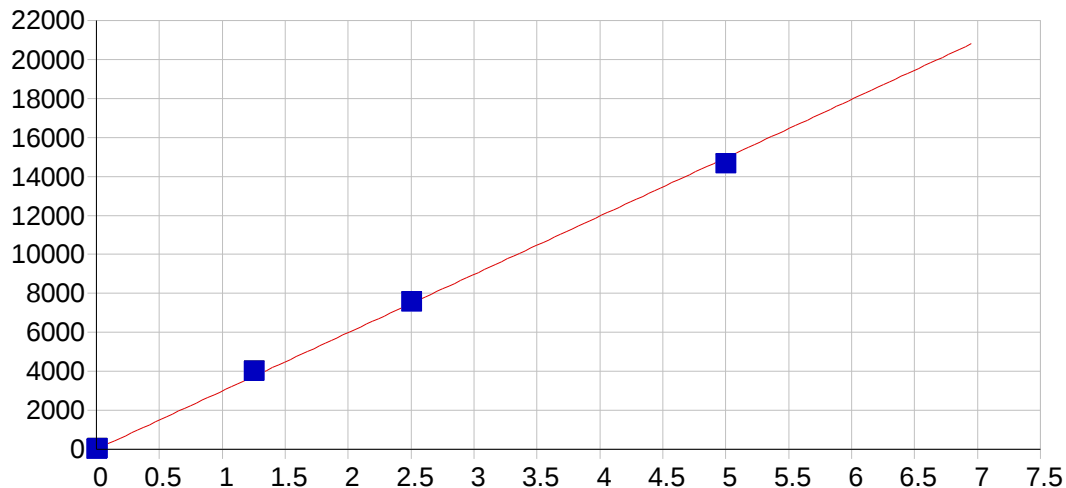
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001684 Re-Slope: 1.000000
 A1 (Gain): 3.625601 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773
 Std Error of Est: 0.000228
 Predicted MDL: 0.000130
 Predicted MQL: 0.000434

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00169	.001	1
S1	.00600	.00677	.001	12.9	.02263	.001	1
S3	.12500	.12961	.005	3.69	.46491	.006	1
S4	.25000	.25200	.002	.799	.90534	.012	1
S5	.50000	.49263	-.007	-1.47	1.7711	.003	1

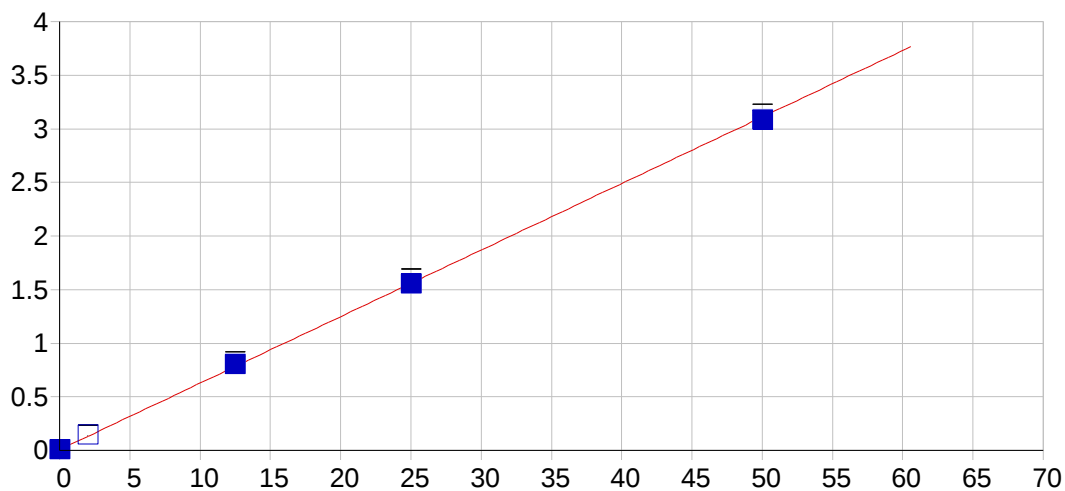


Cd 226.502 {449}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.965158 Re-Slope: 1.000000
 A1 (Gain): 2991.129901 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999495 Status: OK.
 Std Error of Est: 0.889538
 Predicted MDL: 0.000280
 Predicted MQL: 0.000934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	3.9614	.582	1
S1	.00600	.00691	.001	15.1	24.656	.755	1
S3	1.2500	1.3375	.088	7.00	4005.5	7.32	1
S4	2.5000	2.5213	.021	.850	7546.9	10.5	1
S5	5.0000	4.8903	-.110	-2.19	14635.	23.4	1

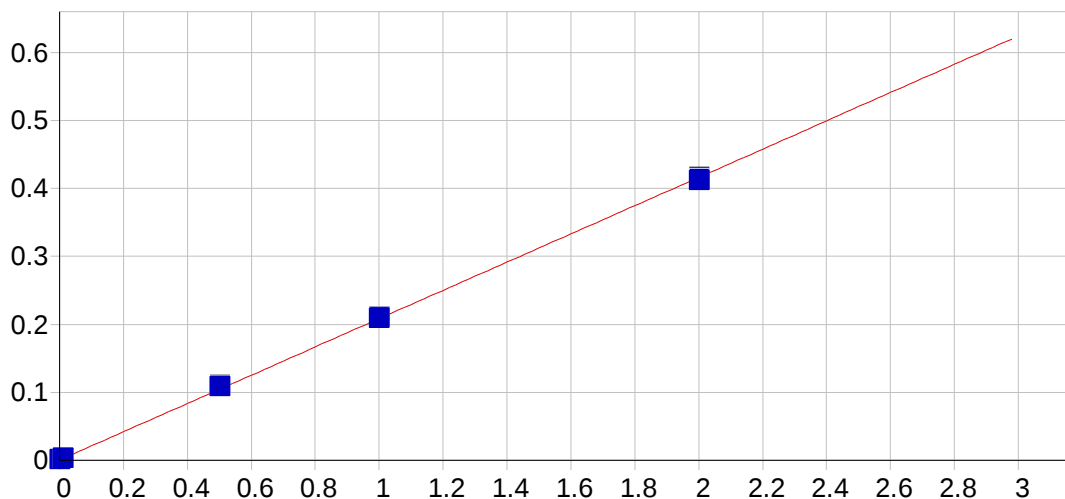


Ca 373.690 { 90}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006588 Re-Slope: 1.000000
 A1 (Gain): 0.062068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000643
 Predicted MDL: 0.016652
 Predicted MQL: 0.055506

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	.00657	.001	1
S2	2.0000	2.1964	.196	9.82	.14292	.003	1
S3	12.500	12.829	.329	2.63	.80327	.019	1
S4	25.000	24.922	-.078	-.311	1.5543	.043	1
S5	50.000	49.552	-.448	-.895	3.0839	.051	1



Cr 267.716 {126}

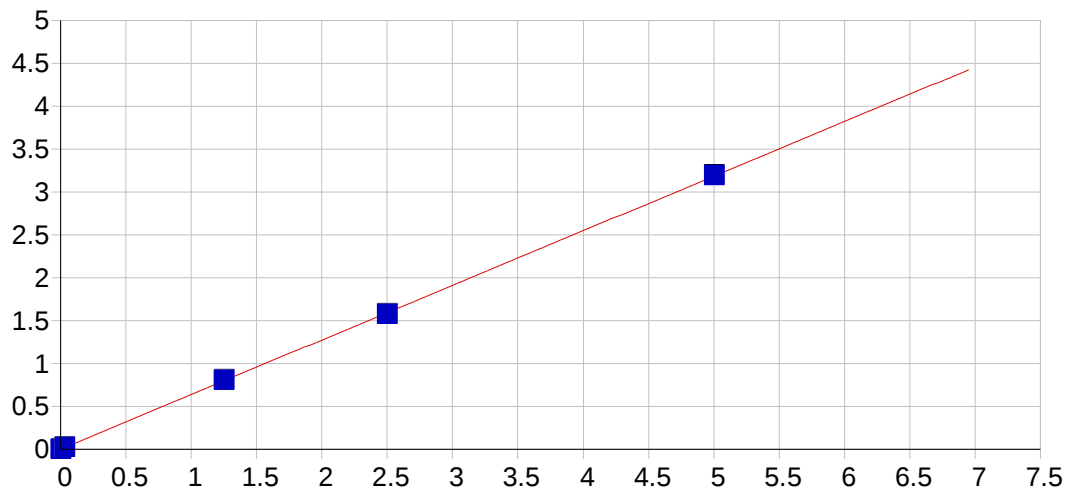
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000501 Re-Slope: 1.000000
 A1 (Gain): 0.207877 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000028
 Predicted MDL: 0.000838
 Predicted MQL: 0.002793

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00050	.000	1
S1	.01000	.00984	-.000	-1.59	.00256	.000	1
S3	.50000	.52011	.020	4.02	.10933	.001	1
S4	1.0000	1.0033	.003	.334	.21049	.000	1
S5	2.0000	1.9767	-.023	-1.16	.41425	.002	1



Co 228.616 {448}

Date of Fit: 11/5/2019 17:15:29

Type of Fit: Linear

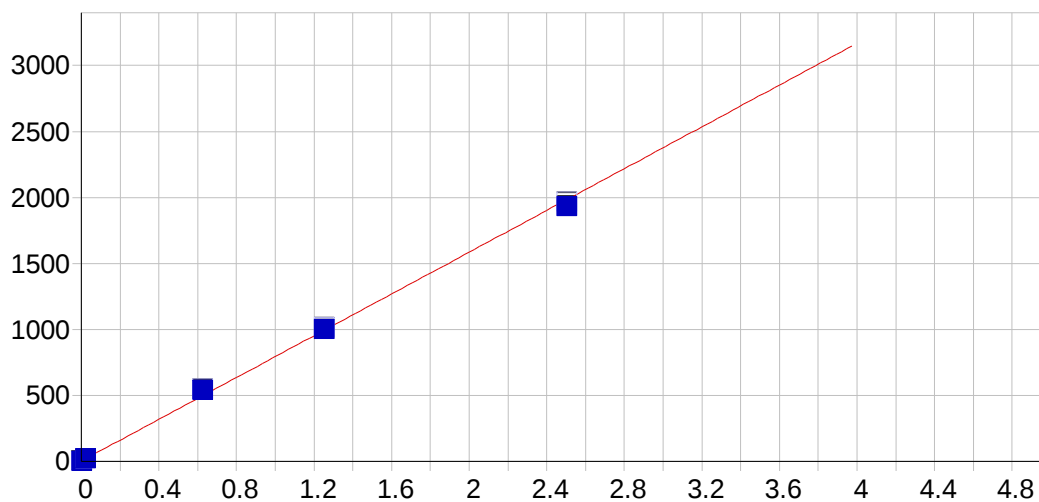
Weighting: 1/Conc

A0 (Offset): 0.002211
 A1 (Gain): 0.636532
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000106
 Predicted MDL: 0.000645
 Predicted MQL: 0.002151

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00221	.001	1
S1	.03000	.03120	.001	3.99	.02190	.000	1
S3	1.2500	1.2658	.016	1.26	.80575	.002	1
S4	2.5000	2.4732	-.027	-1.07	1.5721	.004	1
S5	5.0000	5.0098	.010	.197	3.1825	.008	1

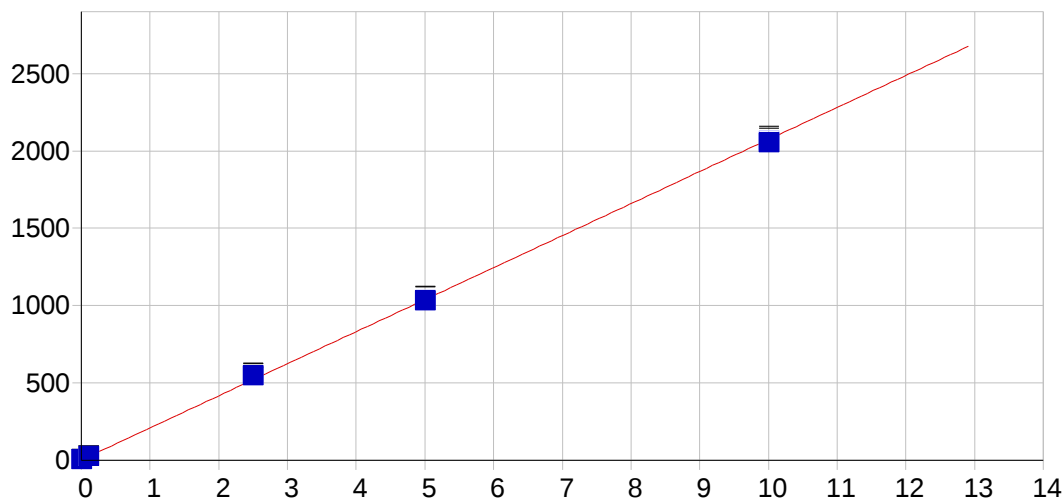


Cu 224.700 {450}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.380947 Re-Slope: 1.000000
 A1 (Gain): 791.540418 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999325 Status: OK.
 Std Error of Est: 0.357591
 Predicted MDL: 0.001035
 Predicted MQL: 0.003450

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	2.3781	.632	1
S1	.02000	.02230	.002	11.5	20.285	.630	1
S3	.62500	.67664	.052	8.26	545.92	.493	1
S4	1.2500	1.2582	.008	.655	1014.2	1.91	1
S5	2.5000	2.4379	-.062	-2.49	1963.9	2.15	1



Fe 240.488 {140}

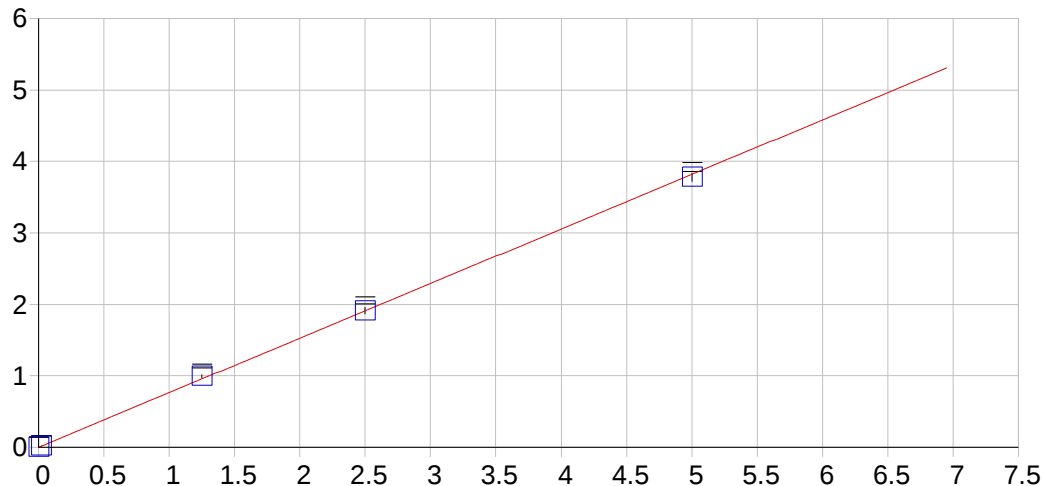
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.016056 Re-Slope: 1.000000
 A1 (Gain): 207.051439 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768
 Std Error of Est: 0.242688
 Predicted MDL: 0.007830
 Predicted MQL: 0.026099

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	3.0130	.577	1
S1	.10000	.11146	.011	11.5	26.195	1.89	1
S3	2.5000	2.6200	.120	4.80	548.09	13.5	1
S4	5.0000	4.9653	-.035	-.694	1036.3	22.0	1
S5	10.000	9.9033	-.097	-.967	2063.9	29.2	1



Mn 257.610 {131}

Date of Fit: 11/5/2019 17:15:29

Type of Fit: Linear

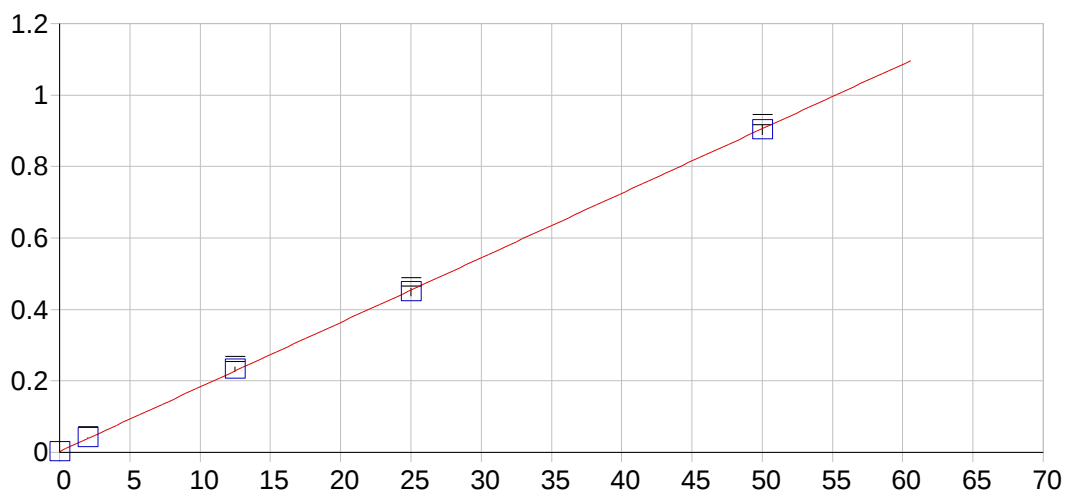
Weighting: 1/Conc

A0 (Offset): 0.001456
 A1 (Gain): 0.763349
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000246
 Predicted MDL: 0.000591
 Predicted MQL: 0.001970

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00145	.001	1
S1	.02000	.02261	.003	13.0	.01871	.001	1
S3	1.2500	1.3021	.052	4.16	.99538	.028	1
S4	2.5000	2.5001	.000	.005	1.9099	.051	1
S5	5.0000	4.9452	-.055	-1.10	3.7764	.064	1

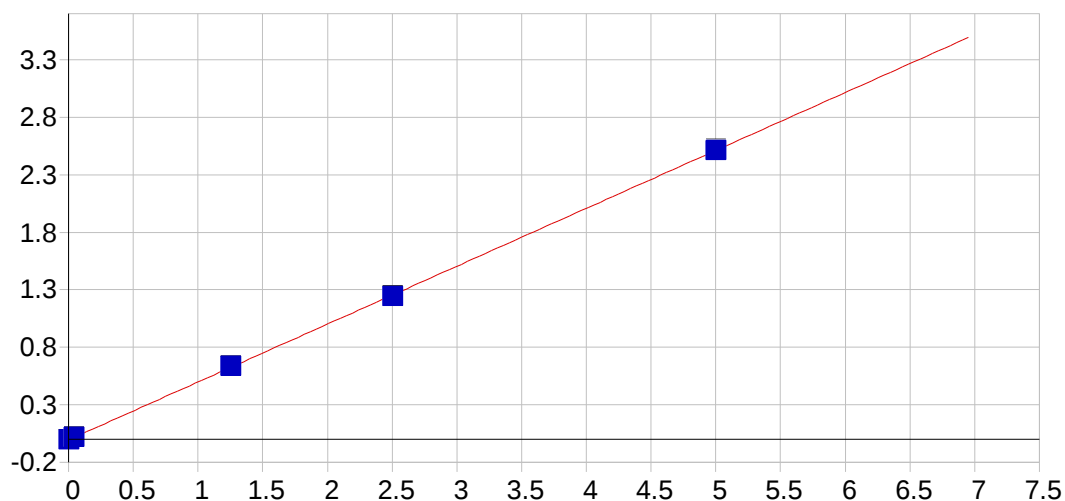


Mg 279.079 {121}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002506 Re-Slope: 1.000000
 A1 (Gain): 0.018062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.028679
 Predicted MQL: 0.095598

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	-.000	.000	.00250	.000	1
S2	2.0000	2.1683	.168	8.41	.04167	.001	1
S3	12.500	12.749	.249	1.99	.23278	.007	1
S4	25.000	24.713	-.287	-1.15	.44889	.011	1
S5	50.000	49.870	-.130	-.261	.90327	.014	1



Ni 231.604 {446}

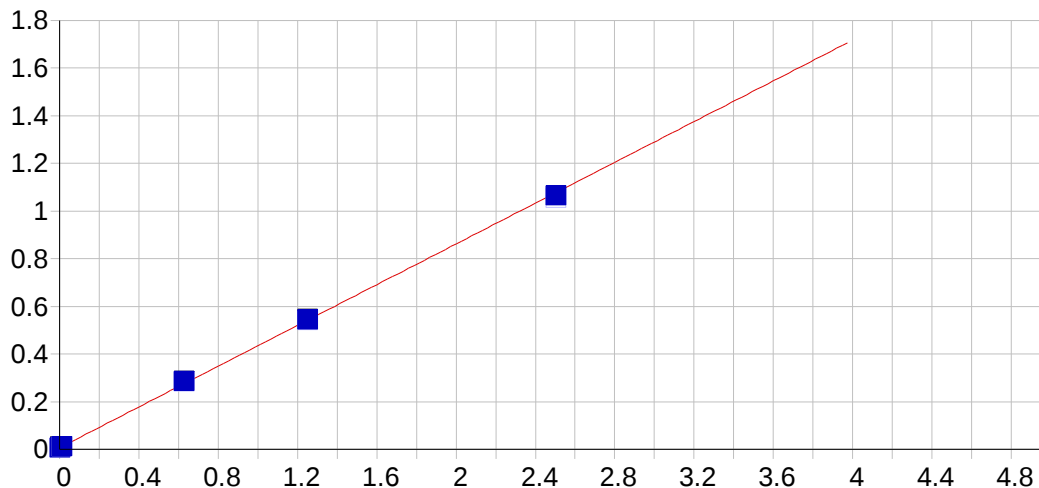
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005039 Re-Slope: 1.000000
 A1 (Gain): 0.503226 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000126
 Predicted MDL: 0.001066
 Predicted MQL: 0.003554

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00504	.000	1
S1	.04000	.04328	.003	8.19	.01679	.001	1
S3	1.2500	1.2726	.023	1.81	.63669	.000	1
S4	2.5000	2.4741	-.026	-1.03	1.2427	.003	1
S5	5.0000	5.0000	.000	.000	2.5164	.005	1



Ag 328.068 {103}

Date of Fit: 11/5/2019 17:15:29

Type of Fit: Linear

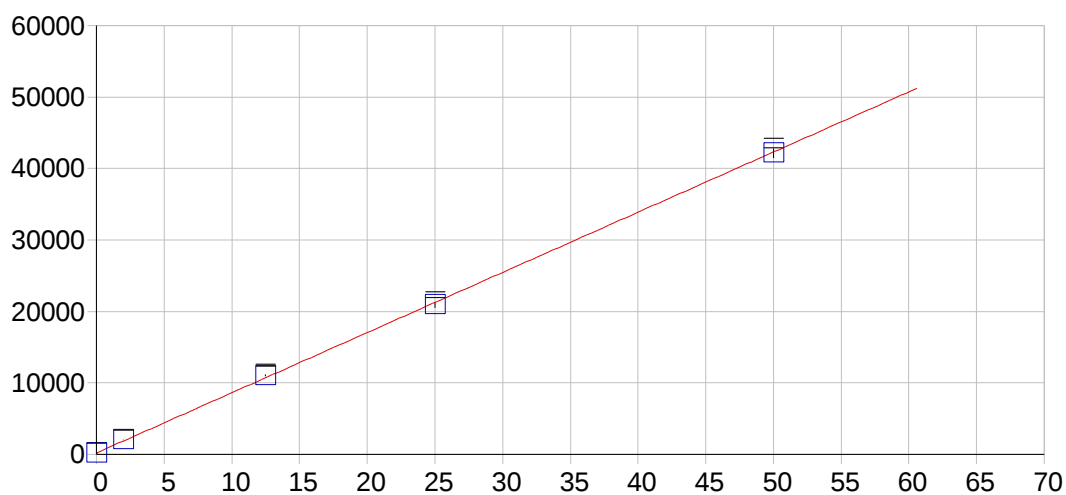
Weighting: 1/Conc

A0 (Offset): 0.006686
 A1 (Gain): 0.427779
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829
 Std Error of Est: 0.000067
 Predicted MDL: 0.000775
 Predicted MQL: 0.002584

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00669	.000	1
S1	.01000	.01141	.001	14.1	.01150	.000	1
S3	.62500	.64856	.024	3.77	.28185	.001	1
S4	1.2500	1.2552	.005	.413	.53907	.001	1
S5	2.5000	2.4699	-.030	-1.20	1.0542	.001	1

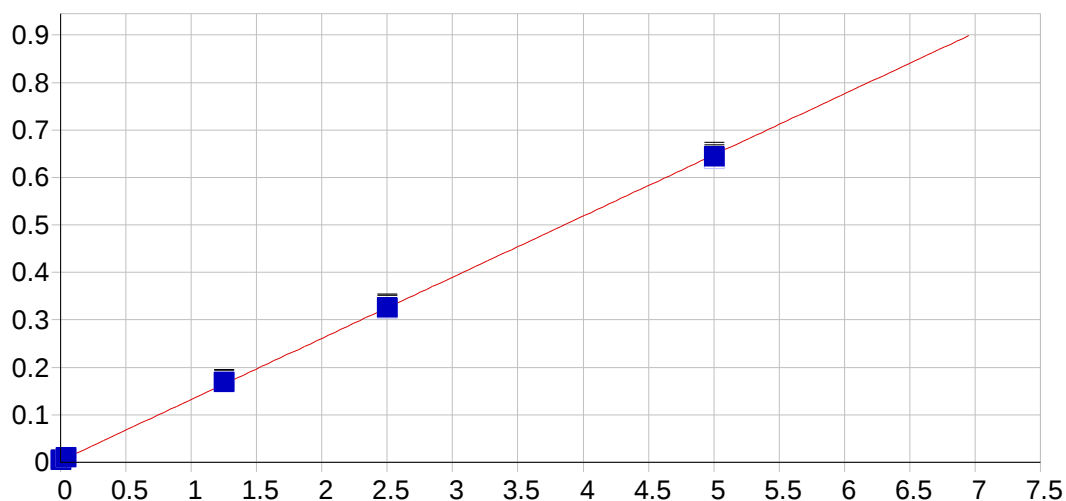


Na 589.592 { 57}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 201.628413 Re-Slope: 1.000000
 A1 (Gain): 842.142243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 8.706003
 Predicted MDL: 0.013570
 Predicted MQL: 0.045234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	201.46	2.51	1
S2	2.0000	2.1788	.179	8.94	2036.5	25.0	1
S3	12.500	12.859	.359	2.87	11030.	148.	1
S4	25.000	24.640	-.360	-1.44	20952.	401.	1
S5	50.000	49.822	-.178	-.356	42159.	656.	1



V 292.402 {115}

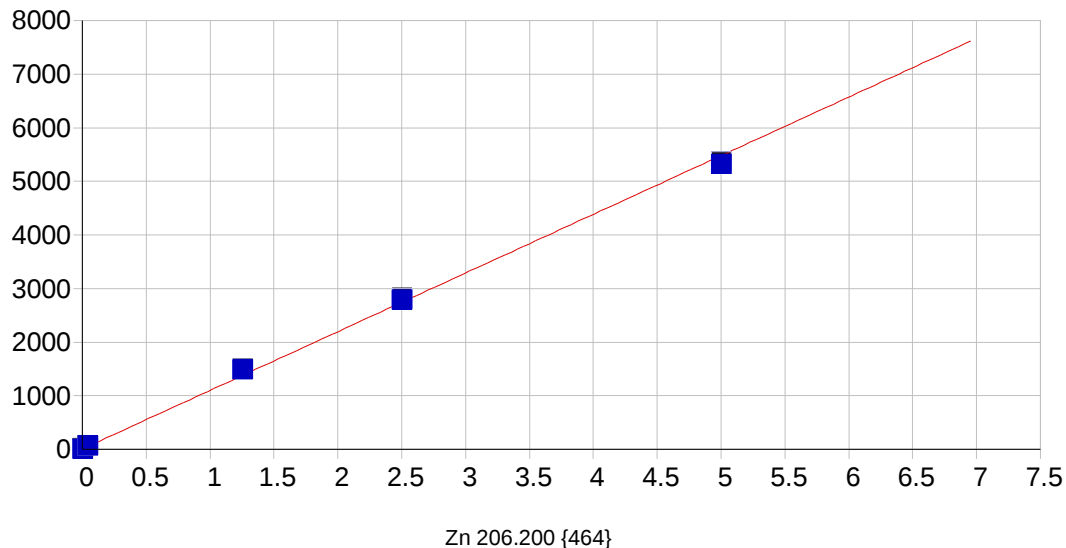
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003523 Re-Slope: 1.000000
 A1 (Gain): 0.128774 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895
 Std Error of Est: 0.000045
 Predicted MDL: 0.003887
 Predicted MQL: 0.012958

Status: OK.

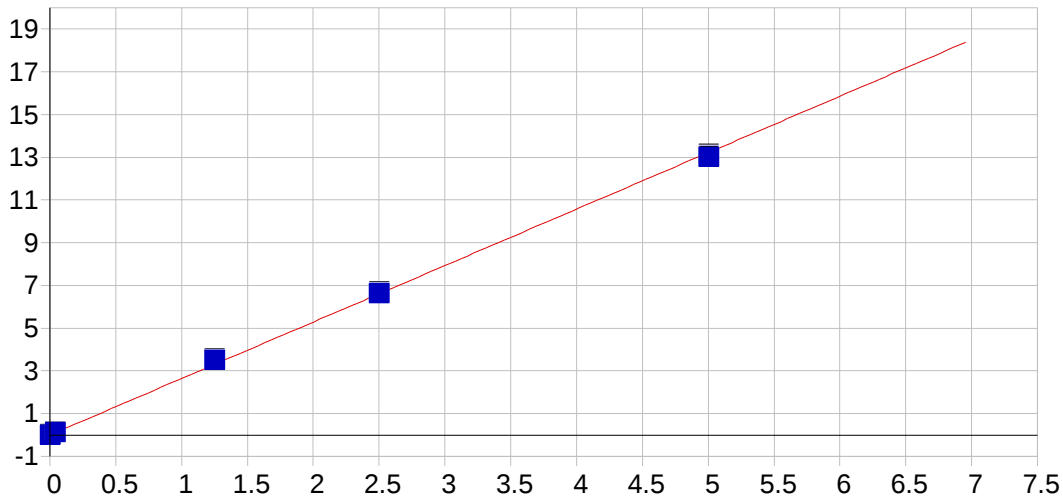
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00352	.000	1
S1	.04000	.04504	.005	12.6	.00924	.001	1
S3	1.2500	1.2843	.034	2.74	.16766	.005	1
S4	2.5000	2.4937	-.006	-.252	.32216	.009	1
S5	5.0000	4.9670	-.033	-.660	.63817	.009	1



Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5.881283 Re-Slope: 1.000000
 A1 (Gain): 1094.413862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999203 Status: OK.
 Std Error of Est: 1.065368
 Predicted MDL: 0.000484
 Predicted MQL: 0.001612

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	5.8699	.287	1
S1	.04000	.04774	.008	19.3	58.431	.829	1
S3	1.2500	1.3495	.099	7.96	1492.3	1.25	1
S4	2.5000	2.5383	.038	1.53	2802.8	9.28	1
S5	5.0000	4.8545	-.145	-2.91	5356.8	7.96	1

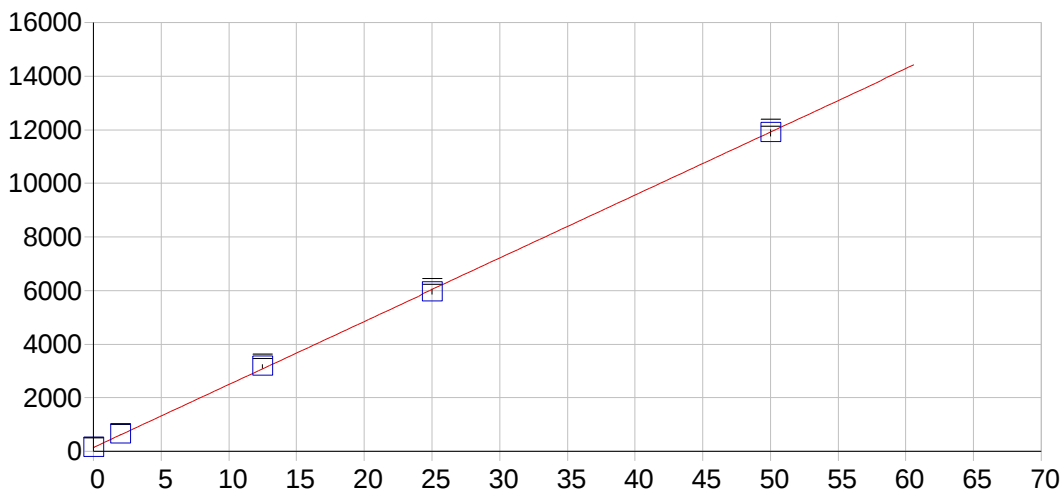


Zn 213.856 {158}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001598 Re-Slope: 1.000000
 A1 (Gain): 2.643183 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999624 Status: OK.
 Std Error of Est: 0.001767
 Predicted MDL: 0.000556
 Predicted MQL: 0.001854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00158	.003	1
S1	.04000	.04587	.006	14.7	.12358	.003	1
S3	1.2500	1.3245	.074	5.96	3.5254	.016	1
S4	2.5000	2.5035	.003	.140	6.6648	.045	1
S5	5.0000	4.9162	-.084	-1.68	13.088	.058	1



K 766.490 {44}

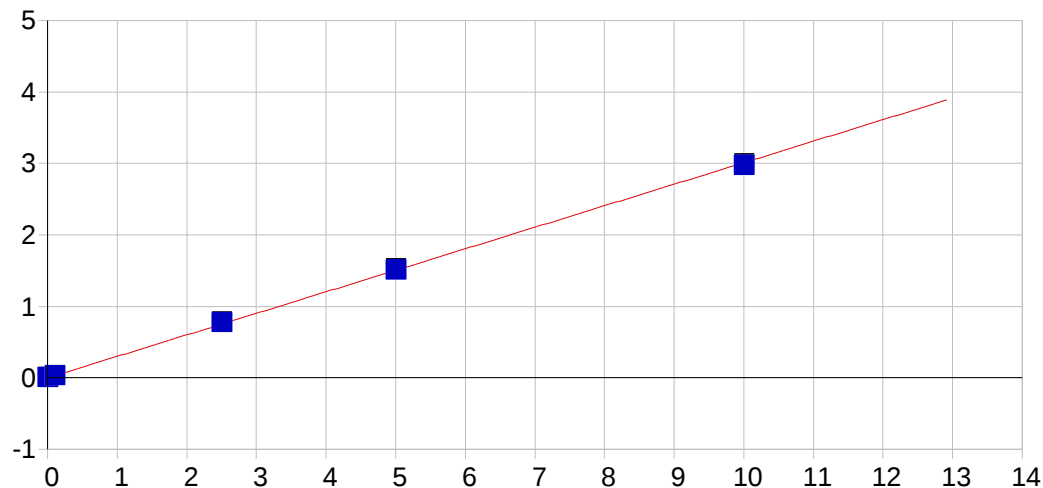
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 138.409334 Re-Slope: 1.000000
 A1 (Gain): 235.589158 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 1.941788
 Predicted MDL: 0.051614
 Predicted MQL: 0.172047

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	138.38	13.5	1
S2	2.0000	2.1058	.106	5.29	634.51	6.64	1
S3	12.500	12.857	.357	2.86	3167.4	75.3	1
S4	25.000	24.675	-.325	-1.30	5951.5	103.	1
S5	50.000	49.862	-.138	-.275	11885.	125.	1



B 249.678 {135}

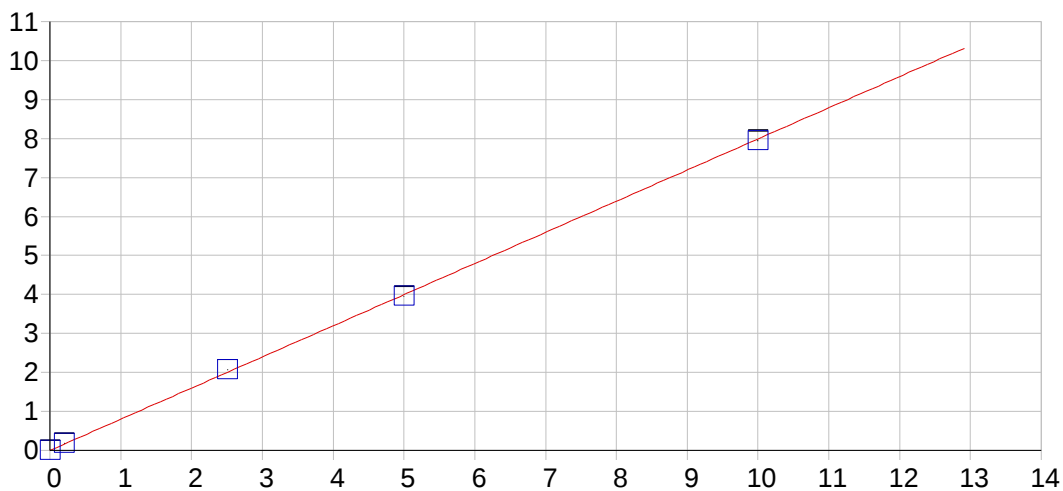
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001049
 A1 (Gain): 0.301148
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902
 Std Error of Est: 0.000227
 Predicted MDL: 0.001981
 Predicted MQL: 0.006605

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00105	.000	1
S1	.10000	.10537	.005	5.37	.03049	.000	1
S3	2.5000	2.5710	.071	2.84	.76988	.008	1
S4	5.0000	5.0236	.024	.472	1.5051	.014	1
S5	10.000	9.9000	-.100	-1.000	2.9670	.009	1

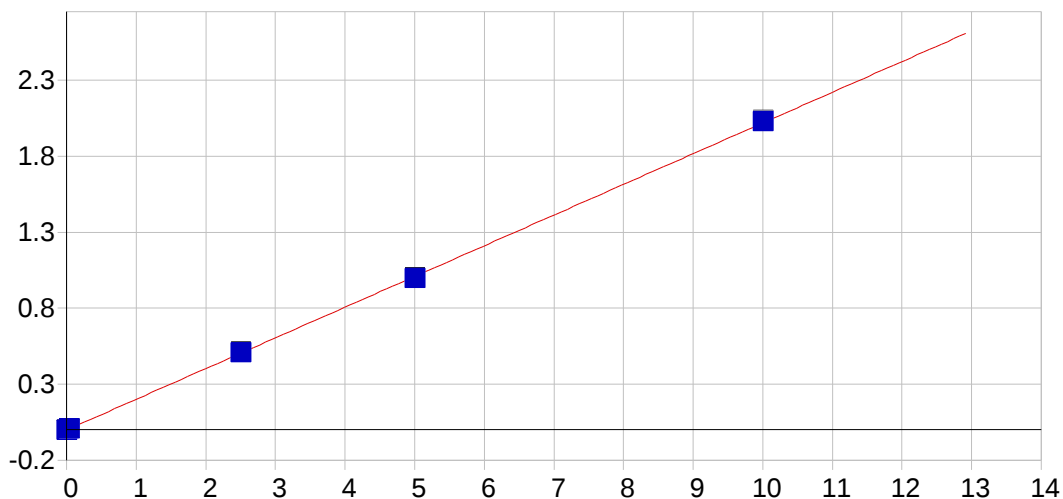


Mo 202.030 {467}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000429 Re-Slope: 1.000000
 A1 (Gain): 0.799005 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.001130
 Predicted MDL: 0.000537
 Predicted MQL: 0.001789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00041	.000	1
S1	.20000	.21894	.019	9.47	.17536	.001	1
S3	2.5000	2.5916	.092	3.66	2.0711	.004	1
S4	5.0000	4.9511	-.049	-.978	3.9564	.008	1
S5	10.000	9.9384	-.062	-.616	7.9413	.019	1



Sn 189.989 {478}

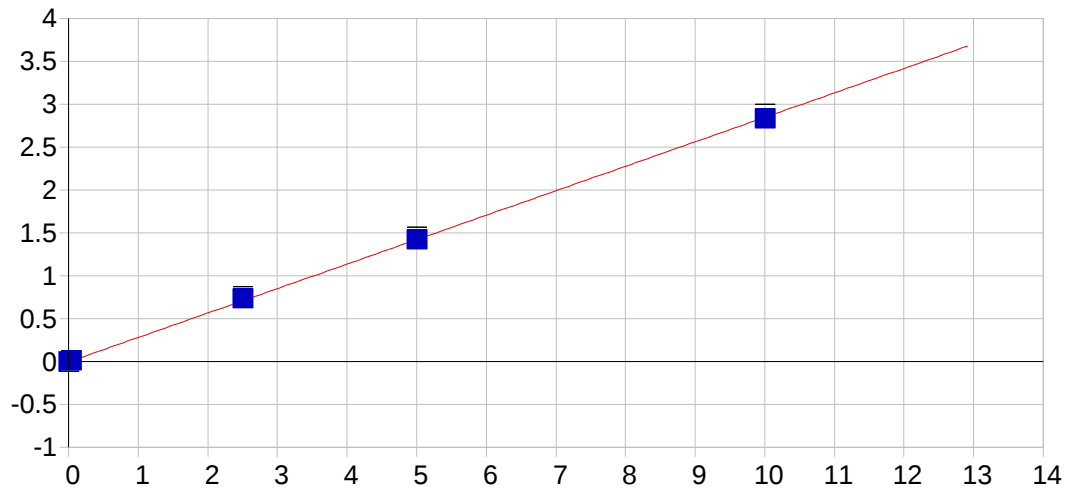
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000772 Re-Slope: 1.000000
 A1 (Gain): 0.201899 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000060
 Predicted MDL: 0.001422
 Predicted MQL: 0.004740

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.04000	.03920	-.001	-2.01	.00714	.000	1
S3	2.5000	2.5199	.020	.794	.50827	.001	1
S4	5.0000	4.9326	-.067	-1.35	.99570	.004	1
S5	10.000	10.048	.048	.483	2.0291	.004	1



Ti 336.121 {100}

Date of Fit: 11/5/2019 17:15:29

Type of Fit: Linear

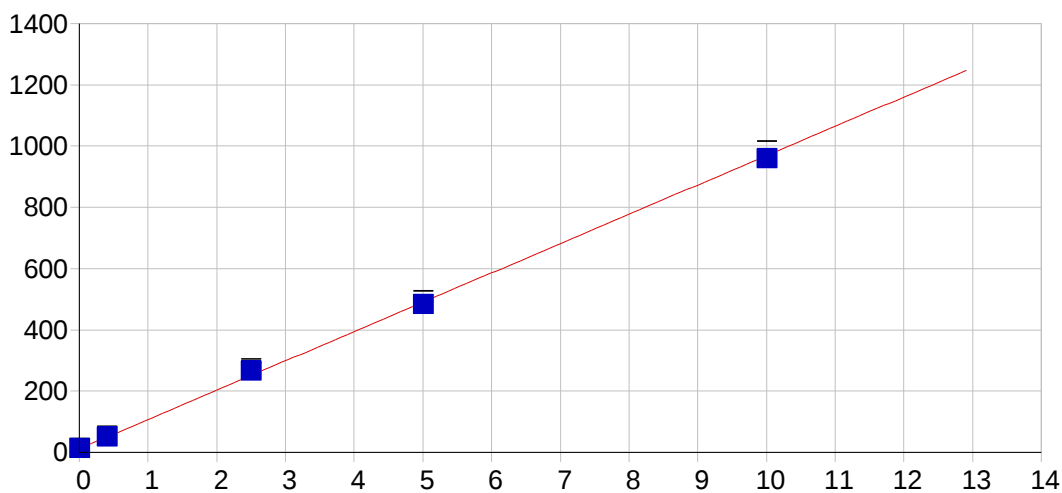
Weighting: 1/Conc

A0 (Offset): -0.004613
 A1 (Gain): 0.285194
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000134
 Predicted MDL: 0.002465
 Predicted MQL: 0.008216

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00461	.000	1
S1	.04000	.04232	.002	5.80	.00745	.001	1
S3	2.5000	2.5820	.082	3.28	.73169	.020	1
S4	5.0000	4.9803	-.020	-.394	1.4156	.032	1
S5	10.000	9.9353	-.065	-.647	2.8285	.051	1

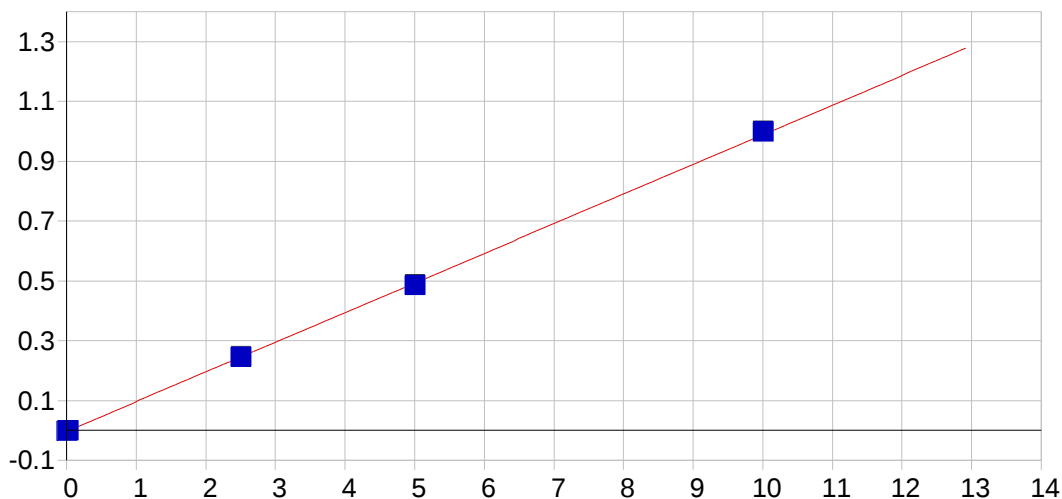


Si 288.158 {117}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 11.697301 Re-Slope: 1.000000
 A1 (Gain): 95.714153 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.269142
 Predicted MDL: 0.021665
 Predicted MQL: 0.072218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	11.695	1.01	1
S1	.40000	.40977	.010	2.44	50.876	1.32	1
S3	2.5000	2.6560	.156	6.24	265.12	5.99	1
S4	5.0000	4.9290	-.071	-1.42	481.88	10.9	1
S5	10.000	9.9053	-.095	-.947	956.60	25.0	1



P 177.495 {490}

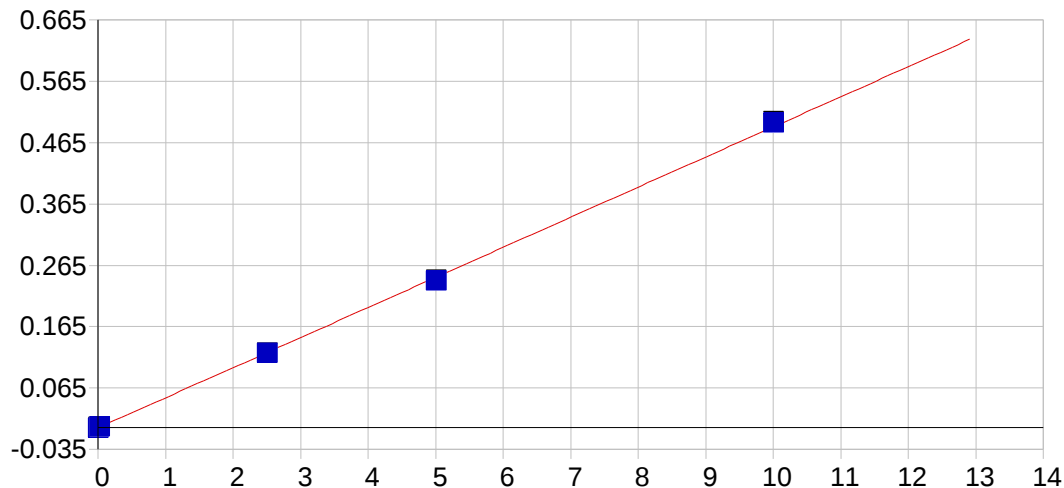
Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003020 Re-Slope: 1.000000
 A1 (Gain): 0.099149 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000027
 Predicted MDL: 0.002773
 Predicted MQL: 0.009242

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00302	.000	1
S1	.02000	.01862	-.001	-6.89	-.00118	.000	1
S3	2.5000	2.5037	.004	.148	.24486	.001	1
S4	5.0000	4.9140	-.086	-1.72	.48348	.002	1
S5	10.000	10.084	.084	.837	.99533	.003	1



S 182.034 {485}

Date of Fit: 11/5/2019 17:15:29

Type of Fit: Linear

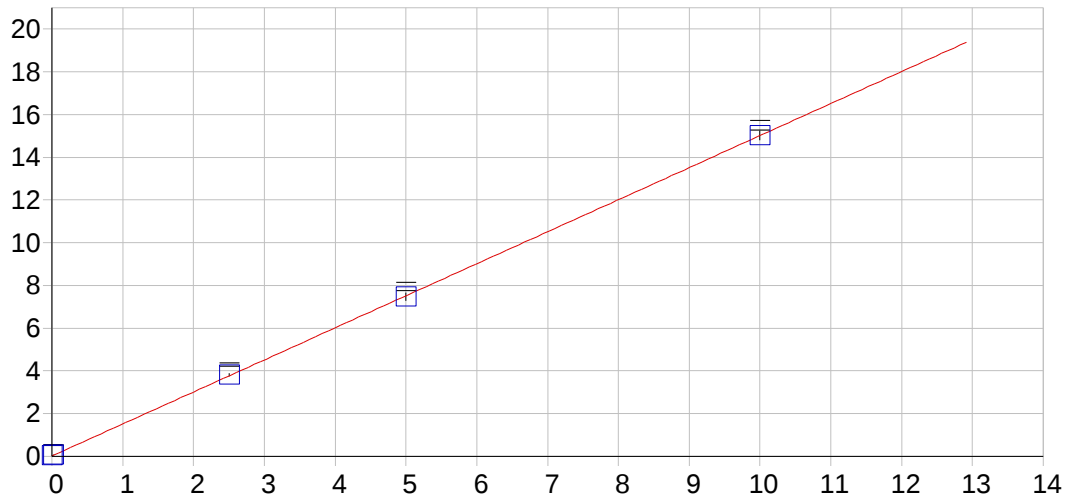
Weighting: 1/Conc

A0 (Offset): -0.000065
 A1 (Gain): 0.049087
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859
 Std Error of Est: 0.000020
 Predicted MDL: 0.005503
 Predicted MQL: 0.018344

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02401	.004	20.1	.00109	.000	1
S3	2.5000	2.4813	-.019	-.750	.12164	.000	1
S4	5.0000	4.8899	-.110	-2.20	.23977	.001	1
S5	10.000	10.125	.125	1.25	.49656	.003	1

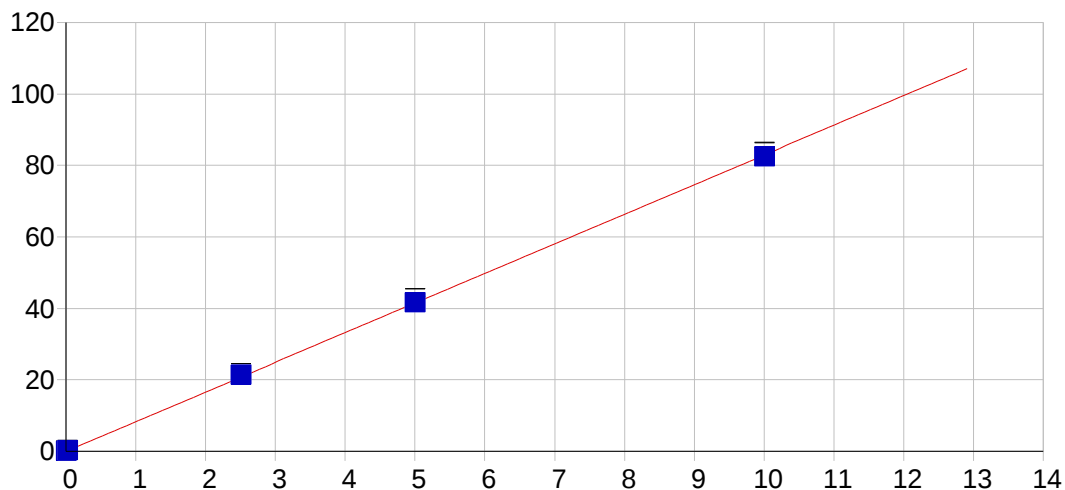


Li 670.784 { 50}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018612 Re-Slope: 1.000000
 A1 (Gain): 1.499637 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000229
 Predicted MDL: 0.001651
 Predicted MQL: 0.005503

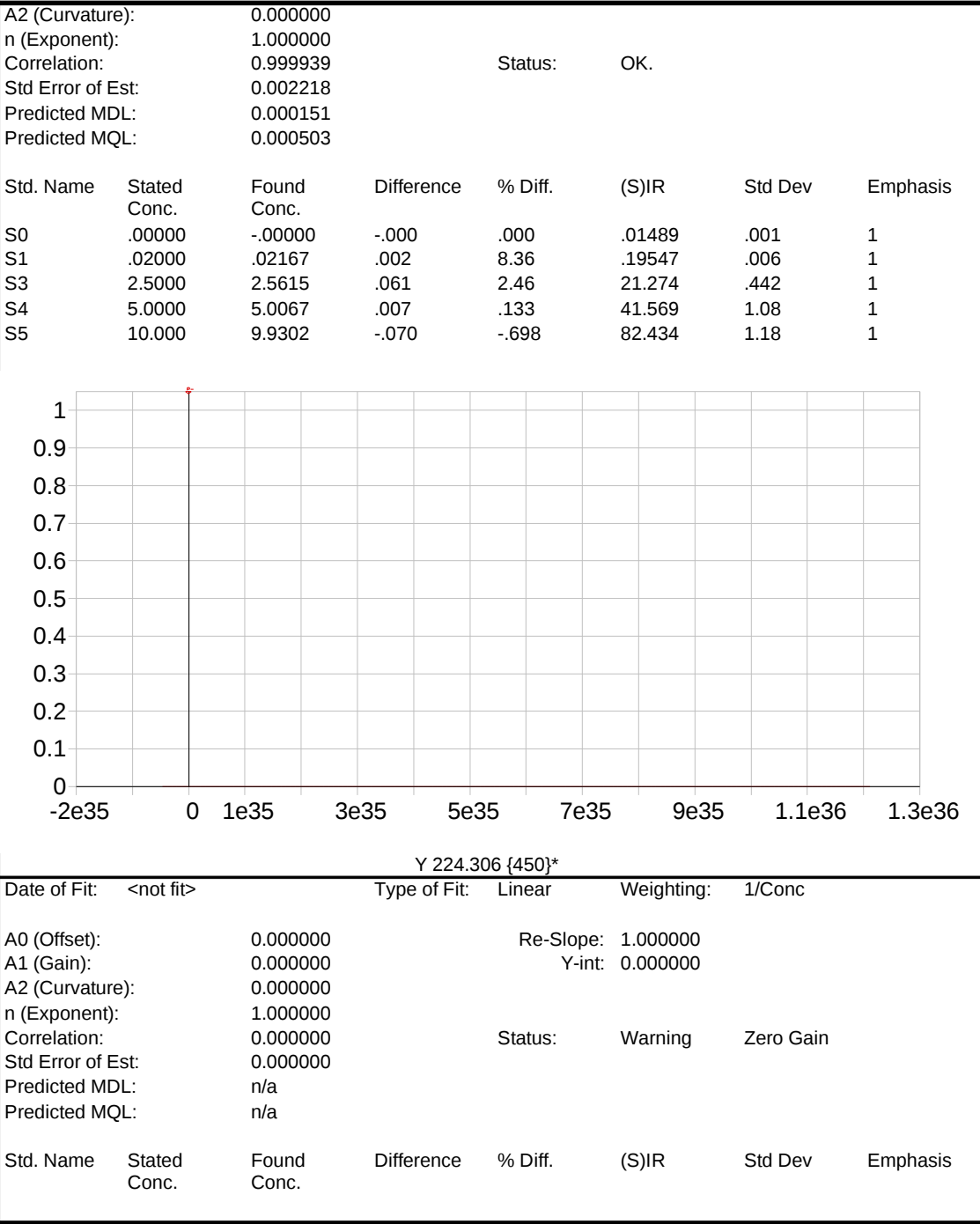
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01861	.003	1
S5	10.000	9.9997	-.000	-.003	15.015	.228	1
S4	5.0000	4.9662	-.034	-.675	7.4662	.195	1
S3	2.5000	2.5334	.033	1.33	3.8177	.087	1
S1	.02000	.02070	.001	3.48	.04965	.002	1



Sr 407.771 { 83}

Date of Fit: 11/5/2019 17:15:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014905 Re-Slope: 1.000000
 A1 (Gain): 8.291056 Y-int: 0.000000

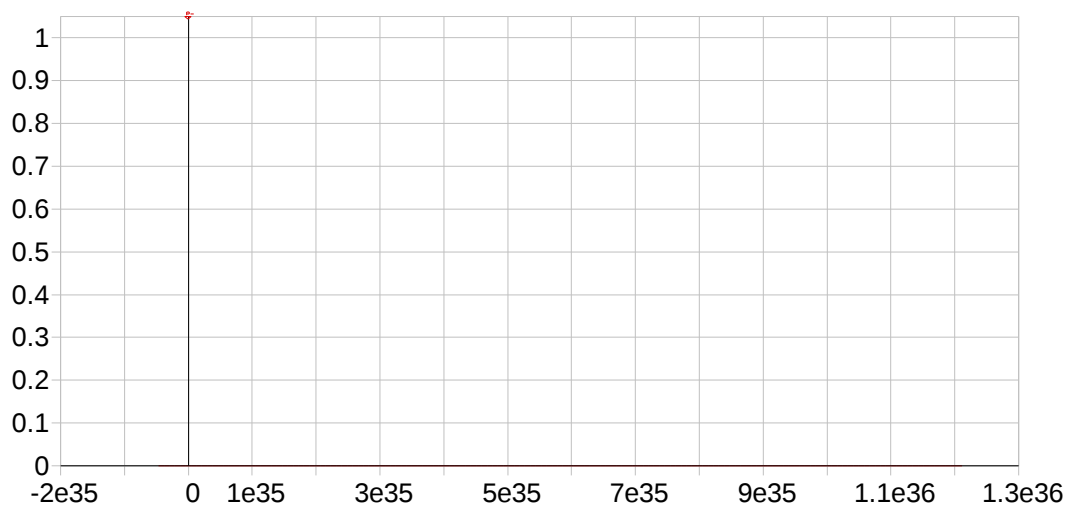




Y 360.073 { 94}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 371.030 { 91}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 11/5/2019 13:43:39 Type: Cal
 Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
 User: Bin 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	.00026	-.00050	-.00141	.00137	.00187	.01926	.03261	-.00169
Stddev	.00041	.00023	.00052	.00044	.00041	.00068	.00309	.00064
%RSD	159.64	46.558	36.470	32.174	22.150	3.5417	9.4765	38.024

#1	-.00009	-.00071	-.00165	.00116	.00235	.01913	.03333	-.00122
#2	.00071	-.00054	-.00082	.00107	.00164	.01866	.02922	-.00142
#3	.00016	-.00025	-.00176	.00188	.00163	.02000	.03528	-.00242

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.961	.00657	.00050	.00221	2.378	3.013	.00145	.00250
Stddev	.582	.00099	.00024	.00062	.632	.577	.00056	.00016
%RSD	14.69	15.102	47.497	28.047	26.58	19.16	38.188	6.5632

#1	3.816	.00743	.00046	.00282	2.809	3.586	.00095	.00234
#2	3.466	.00548	.00029	.00158	2.673	2.431	.00205	.00267
#3	4.602	.00681	.00076	.00224	1.652	3.022	.00136	.00249

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00504	.00669	201.5	.00352	.00158	138.4	-.00105	.00041
Stddev	.00026	.00036	2.5	.00021	.00285	13.5	.00012	.00023
%RSD	5.0772	5.3376	1.247	6.0131	180.43	9.738	11.401	56.856

#1	-.00523	.00709	198.6	.00371	.00486	132.9	-.00114	.00062
#2	-.00515	.00641	202.6	.00357	-.00008	153.7	-.00110	.00016
#3	-.00475	.00656	203.2	.00329	-.00005	128.5	-.00091	.00046

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	-.00077	-.00461	11.69	-.00302	-.00007	.01861	.01489	
Stddev	.00035	.00013	1.01	.00017	.00007	.00313	.00147	
%RSD	45.374	2.7717	8.671	5.6978	99.211	16.816	9.8784	

#1	-.00071	-.00447	10.94	-.00315	.00000	.01639	.01345	
#2	-.00046	-.00464	11.30	-.00282	-.00007	.02219	.01483	
#3	-.00115	-.00473	12.85	-.00308	-.00013	.01725	.01639	

Sample Name: S0 Acquired: 11/5/2019 13:43:39 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin 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	1276.0	14350.	3749.0	947.13	1439.2
Stddev	1.6	23.	31.8	5.95	2.6
%RSD	.12865	.16367	.84885	.62833	.18262
#1	1274.2	14349.	3785.7	942.54	1436.4
#2	1276.5	14327.	3732.3	944.99	1441.6
#3	1277.4	14374.	3728.9	953.85	1439.5

Sample Name: S1 Acquired: 11/5/2019 13:47:39 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin 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	.00148	.00320	.00067	.00286	.01025	.02889	.40654	.02263
Stddev	.00008	.00033	.00023	.00018	.00037	.00057	.00882	.00106
%RSD	5.2870	10.281	34.801	6.2879	3.6061	1.9560	2.1704	4.6896

#1	.00141	.00349	.00083	.00304	.00982	.02824	.39689	.02181
#2	.00156	.00326	.00040	.00285	.01041	.02929	.40857	.02382
#3	.00145	.00284	.00077	.00268	.01051	.02914	.41418	.02225

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.66	.00256	.02190	20.28	26.19	.01871	.01679	.01150
Stddev	.76	.00024	.00038	.63	1.89	.00059	.00057	.00032
%RSD	3.063	9.5080	1.7165	3.106	7.198	3.1690	3.4253	2.7815

#1	24.53	.00257	.02160	19.59	27.99	.01857	.01672	.01117
#2	25.47	.00279	.02176	20.81	24.23	.01820	.01625	.01181
#3	23.98	.00231	.02232	20.45	26.37	.01936	.01739	.01151

Elem	V_2924	Zn2138	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00924	.12358	.03049	.17536	.00714	.00745	50.88	-.00118
Stddev	.00052	.00260	.00048	.00078	.00035	.00064	1.32	.00028
%RSD	5.5852	2.1056	1.5683	.44618	4.8434	8.6400	2.588	23.368

#1	.00967	.12625	.02995	.17565	.00712	.00819	49.36	-.00150
#2	.00867	.12105	.03067	.17448	.00681	.00713	51.58	-.00099
#3	.00938	.12343	.03085	.17596	.00750	.00703	51.69	-.00106

Elem	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00109	.04965	.19547
Stddev	.00013	.00189	.00597
%RSD	12.257	3.8023	3.0558

#1	.00124	.04833	.18865
#2	.00101	.05181	.19797
#3	.00100	.04880	.19978

Sample Name: S1 Acquired: 11/5/2019 13:47:39 Type: Cal
 Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
 User: Bin 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	1277.0	14383.	3748.2	958.61	1448.2
Stddev	4.0	72.	29.2	8.80	3.6
%RSD	.31660	.50211	.77969	.91758	.25189
#1	1279.5	14343.	3768.3	957.88	1450.0
#2	1272.4	14467.	3714.7	967.75	1444.0
#3	1279.2	14341.	3761.7	950.21	1450.6

Sample Name: K5658-03MSD Acquired: 11/5/2019 15:32:08 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30-SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6952082	1.858132	1.000338	1.586779	.2187170	90.91885	.4818846
Stddev	.0160328	.037613	.022110	.029208	.0026540	2.02966	.0092371
%RSD	2.306181	2.024248	2.210262	1.840680	1.213458	2.232385	1.916864

#1	.6768510	1.816031	.975662	1.553185	.2158302	88.76982	.4730008
#2	.7064623	1.869943	1.007005	1.606158	.2210513	91.18354	.4812145
#3	.7023114	1.888422	1.018348	1.600994	.2192695	92.80317	.4914385

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1784442	.1913262	13.59118	.4186168	.2338329	.3815351	127.9035
Stddev	.0006211	.0006080	.29979	.0000490	.0045823	.0013015	2.5096
%RSD	.3480361	.3177580	2.205746	.0117151	1.959638	.3411103	1.962116

#1	.1786026	.1920260	13.25158	.4186727	.2285889	.3827732	125.1552
#2	.1777593	.1910247	13.70289	.4185808	.2358441	.3801784	128.4820
#3	.1789708	.1909280	13.81908	.4185970	.2370656	.3816536	130.0734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.320375	20.24608	.5510942	.0733417	5.718374	.3847105	.5021326
Stddev	.058144	.44535	.0115271	.0014529	.107181	.0090093	.0036703
%RSD	1.751140	2.199703	2.091681	1.981014	1.874320	2.341836	.7309415

#1	3.261179	19.73770	.5382576	.0718328	5.596125	.3748459	.5002823
#2	3.322536	20.43316	.5544646	.0747313	5.796206	.3867819	.5063598
#3	3.377408	20.56738	.5605605	.0734610	5.762790	.3925036	.4997557

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99495	.2740480	.3370252	.6062040	1.199266	2.271090	9.888071
Stddev	.38918	.0107352	.0053240	.0106297	.021501	.037084	.194368
%RSD	2.595417	3.917270	1.579708	1.753487	1.792816	1.632881	1.965679

#1	14.54768	.2620773	.3314883	.5939629	1.174655	2.228574	9.664924
#2	15.25635	.2772454	.3374802	.6115457	1.208746	2.287934	9.978848
#3	15.18081	.2828212	.3421071	.6131034	1.214398	2.296764	10.02044

Sample Name: K5658-03MSD Acquired: 11/5/2019 15:32:08 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30-SMSD Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3563636	.2614334	.1711336
Stddev	.0053226	.0063882	.0040105
%RSD	1.493581	2.443538	2.343482

#1	.3591577	.2547698	.1666216
#2	.3502258	.2620254	.1724863
#3	.3597073	.2675050	.1742928

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.280	15426.12	4018.219	1021.553	1471.807
Stddev	21.171	61.25	16.744	2.068	26.016
%RSD	1.539381	.3970700	.4167042	.2024600	1.767636

#1	1399.711	15415.21	4021.179	1019.165	1501.577
#2	1363.813	15492.09	4033.286	1022.767	1460.404
#3	1362.317	15371.06	4000.192	1022.726	1453.439

Sample Name: S2 Acquired: 11/5/2019 13:51:42 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14292	.04167	2037.	634.5
Stddev	.00305	.00072	25.	6.6
%RSD	2.1346	1.7262	1.227	1.047

#1	.13951	.04201	2008.	641.9
#2	.14540	.04216	2051.	629.0
#3	.14384	.04084	2050.	632.7

Int. Std.	Y_3710
Units	Cts/S
Avg	3781.3
Stddev	14.9
%RSD	.39421

#1	3775.9
#2	3769.9
#3	3798.2

Sample Name: S3 Acquired: 11/5/2019 13:55:44 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin 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	.18439	.22714	.41303	.21744	.40517	.45146	17.939	.46491
Stddev	.00024	.00034	.00062	.00020	.00146	.01168	.381	.00607
%RSD	.12763	.14942	.14989	.09102	.35994	2.5877	2.1265	1.3062

#1	.18427	.22752	.41236	.21764	.40649	.43882	17.512	.45790
#2	.18425	.22686	.41357	.21745	.40360	.45373	18.057	.46817
#3	.18467	.22705	.41316	.21724	.40541	.46185	18.247	.46865

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4005.	.80327	.10933	.80575	545.9	548.1	.99538	.23278
Stddev	7.	.01926	.00089	.00186	.5	13.5	.02758	.00668
%RSD	.1827	2.3973	.81780	.23048	.0903	2.461	2.7713	2.8697

#1	4001.	.78170	.10840	.80416	545.4	533.1	.96379	.22516
#2	4014.	.80936	.11018	.80529	546.3	552.1	1.0076	.23558
#3	4002.	.81874	.10941	.80779	546.1	559.2	1.0148	.23761

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.63669	.28185	11030.	.16766	3.5254	3167.	.76988	2.0711
Stddev	.00046	.00086	148.	.00469	.0158	75.	.00772	.0042
%RSD	.07209	.30628	1.342	2.7997	.44918	2.379	1.0027	.20437

#1	.63623	.28275	10860.	.16240	3.5096	3080.	.76103	2.0703
#2	.63715	.28178	11080.	.16917	3.5254	3215.	.77335	2.0673
#3	.63668	.28103	11150.	.17141	3.5413	3207.	.77525	2.0757

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.50827	.73169	265.1	.24486	.12164	3.8177	21.274	
Stddev	.00096	.01997	6.0	.00055	.00006	.0869	.442	
%RSD	.18802	2.7292	2.259	.22405	.04854	2.2757	2.0768	

#1	.50718	.70967	258.6	.24535	.12158	3.7202	20.780	
#2	.50894	.73676	266.5	.24427	.12170	3.8462	21.413	
#3	.50870	.74863	270.3	.24496	.12163	3.8868	21.630	

Sample Name: S3 Acquired: 11/5/2019 13:55:44 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin 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	1267.9	14243.	3753.0	932.64	1421.5
Stddev	2.2	20.	13.1	5.97	1.8
%RSD	.17416	.14023	.34913	.64059	.12749
#1	1268.8	14230.	3767.3	936.86	1423.0
#2	1269.6	14266.	3750.0	935.26	1422.1
#3	1265.4	14234.	3741.6	925.81	1419.5

Sample Name: S4 Acquired: 11/5/2019 13:59:30 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin 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	.35578	.44470	.80647	.41286	.77883	.85802	35.044	.90534
Stddev	.00051	.00196	.00177	.00109	.00226	.02036	.907	.01208
%RSD	.14220	.44045	.21922	.26474	.29062	2.3734	2.5891	1.3345

#1	.35634	.44245	.80485	.41412	.77767	.83682	34.055	.89573
#2	.35536	.44566	.80622	.41213	.77738	.85983	35.240	.90138
#3	.35565	.44599	.80835	.41234	.78144	.87743	35.838	.91890

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7547.	1.5543	.21049	1.5721	1014.	1036.	1.9099	.44889
Stddev	11.	.0429	.00030	.0043	2.	22.	.0507	.01122
%RSD	.1394	2.7591	.14374	.27333	.1882	2.128	2.6529	2.5002

#1	7540.	1.5080	.21023	1.5681	1012.	1011.	1.8531	.43649
#2	7542.	1.5622	.21042	1.5717	1014.	1051.	1.9264	.45181
#3	7559.	1.5927	.21082	1.5766	1016.	1047.	1.9503	.45836

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2427	.53907	20950.	.32216	6.6648	5952.	1.5051	3.9564
Stddev	.0034	.00077	401.	.00865	.0447	104.	.0136	.0084
%RSD	.27390	.14198	1.912	2.6854	.67118	1.738	.90454	.21333

#1	1.2404	.53826	20500.	.31266	6.6170	5832.	1.4953	3.9661
#2	1.2411	.53917	21120.	.32423	6.6716	6018.	1.4995	3.9516
#3	1.2466	.53978	21240.	.32959	6.7057	6004.	1.5207	3.9514

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.99570	1.4156	481.9	.48348	.23977	7.4662	41.569	
Stddev	.00386	.0315	10.9	.00150	.00095	.1947	1.082	
%RSD	.38797	2.2263	2.256	.31115	.39603	2.6083	2.6038	

#1	.99195	1.3795	470.4	.48265	.23868	7.2495	40.378	
#2	.99547	1.4294	483.3	.48257	.24023	7.5225	41.836	
#3	.99967	1.4378	492.0	.48521	.24041	7.6265	42.493	

Sample Name: S4 Acquired: 11/5/2019 13:59:30 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin 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	1254.3	14115.	3690.1	925.80	1385.7
Stddev	5.0	47.	32.6	1.25	.4
%RSD	.39630	.33450	.88395	.13497	.02772
#1	1248.8	14078.	3712.6	925.24	1385.5
#2	1255.4	14099.	3705.1	924.93	1386.1
#3	1258.6	14168.	3652.7	927.23	1385.4

Sample Name: S5 Acquired: 11/5/2019 14:03:15 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin 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	.71030	.90118	1.6392	.80640	1.5561	1.7099	68.467	1.7711
Stddev	.00215	.00312	.0071	.00145	.0022	.0308	2.555	.0027
%RSD	.30251	.34624	.43251	.18012	.13952	1.8009	3.7324	.15335

#1	.70783	.90173	1.6310	.80498	1.5544	1.6746	65.535	1.7682
#2	.71135	.89783	1.6439	.80633	1.5586	1.7314	69.648	1.7718
#3	.71173	.90400	1.6426	.80789	1.5554	1.7237	70.218	1.7735

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14630.	3.0839	.41425	3.1825	1964.	2064.	3.7764	.90327
Stddev	23.	.0508	.00183	.0081	2.	29.	.0635	.01416
%RSD	.1597	1.6459	.44260	.25505	.1096	1.413	1.6818	1.5681

#1	14610.	3.0258	.41234	3.1737	1966.	2033.	3.7031	.88713
#2	14640.	3.1196	.41442	3.1839	1962.	2069.	3.8139	.91364
#3	14660.	3.1063	.41599	3.1898	1963.	2090.	3.8122	.90903

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5164	1.0542	42160.	.63817	13.088	11890.	2.9670	7.9413
Stddev	.0048	.0009	656.	.00944	.058	125.	.0094	.0186
%RSD	.18971	.08470	1.555	1.4787	.44219	1.052	.31556	.23421

#1	2.5110	1.0533	41410.	.62757	13.154	11740.	2.9597	7.9225
#2	2.5186	1.0551	42430.	.64128	13.060	11940.	2.9636	7.9416
#3	2.5197	1.0540	42640.	.64566	13.049	11970.	2.9776	7.9597

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.0291	2.8285	956.6	.99533	.49656	15.015	82.434	
Stddev	.0038	.0514	25.0	.00251	.00261	.228	1.184	
%RSD	.18786	1.8172	2.618	.25213	.52584	1.5190	1.4369	

#1	2.0247	2.7693	929.5	.99317	.49407	14.752	81.399	
#2	2.0315	2.8617	961.4	.99474	.49633	15.125	82.176	
#3	2.0311	2.8546	978.9	.99808	.49928	15.166	83.726	

Sample Name: S5 Acquired: 11/5/2019 14:03:15 Type: Cal
Method: NON EPA-6010-200.7(v80) Mode: IR Corr. Factor: 1.000000
User: Bin 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	1228.0	14060.	3692.2	909.33	1325.2
Stddev	1.3	34.	11.1	8.78	2.9
%RSD	.10563	.23931	.29943	.96515	.22169
#1	1229.5	14048.	3689.0	900.37	1328.6
#2	1227.2	14034.	3683.0	909.72	1323.4
#3	1227.2	14098.	3704.5	917.91	1323.6

Sample Name: ICV01 Acquired: 11/5/2019 14:07:05 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.027939	1.005635	1.008007	1.058430	1.025723	2.608953
Stddev	.005484	.001508	.002642	.005545	.005220	.071393
%RSD	.5334679	.1499609	.2621001	.5238664	.5089141	2.736467

#1	1.031133	1.004912	1.010921	1.052996	1.019897	2.527603
#2	1.021607	1.007368	1.007334	1.064079	1.029976	2.661185
#3	1.031076	1.004624	1.005767	1.058215	1.027295	2.638071

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5277125	.5093119	.5439346	10.42580	.5183145	.5078097
Stddev	.0114630	.0025885	.0008668	.25759	.0025776	.0007041
%RSD	2.172199	.5082362	.1593640	2.470699	.4973134	.1386550

#1	.5145017	.5068178	.5429343	10.13016	.5176755	.5073533
#2	.5336059	.5119855	.5444045	10.60190	.5161165	.5086206
#3	.5350298	.5091322	.5444651	10.54535	.5211516	.5074551

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5397986	5.339104	.5201895	6.116969	.5047826	.4670478
Stddev	.0034761	.089535	.0088399	.107788	.0045426	.0014242
%RSD	.6439561	1.676962	1.699362	1.762109	.8999226	.3049299

#1	.5380098	5.237388	.5099840	6.011877	.5085974	.4672227
#2	.5375813	5.373931	.5251175	6.111766	.5059930	.4655442
#3	.5438048	5.405992	.5254669	6.227264	.4997573	.4683764

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38031	.5126886	1.070125	10.38378	2.633497	2.637578
Stddev	.19804	.0149564	.007786	.22404	.026587	.008446
%RSD	1.907862	2.917241	.7276176	2.157550	1.009565	.3202195

#1	10.16042	.4954211	1.061359	10.12552	2.610686	2.627935
#2	10.43588	.5215808	1.072776	10.49989	2.662696	2.641133
#3	10.54463	.5210641	1.076240	10.52593	2.627110	2.643665

Sample Name: ICV01 Acquired: 11/5/2019 14:07:05 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.526417	2.637970	2.554327	F .0025850	F .0037860	F -.000425
Stddev	.009715	.062132	.110904	.0010235	.0011535	.000445
%RSD	.3845393	2.355289	4.341794	39.59324	30.46844	104.6875
#1	2.517710	2.566553	2.428443	.0015880	.0050253	-.000009
#2	2.536896	2.667757	2.596909	.0036331	.0027437	-.000372
#3	2.524644	2.679600	2.637629	.0025341	.0035888	-.000893

Elem	Sr4077
Units	ppm
Avg	F .0060984
Stddev	.0000330
%RSD	.5418430
#1	.0060626
#2	.0061277
#3	.0061050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.540	14385.94	3779.178	945.7313	1446.527
Stddev	3.192	8.52	18.426	3.4771	7.817
%RSD	.2502468	.0592037	.4875569	.3676596	.5404269
#1	1276.886	14376.25	3789.244	949.4811	1443.436
#2	1271.895	14389.28	3757.912	942.6137	1440.728
#3	1277.838	14392.27	3790.378	945.0991	1455.418

Sample Name: LLICV01 Acquired: 11/5/2019 14:10:57 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205535	.0442059	.0143377	.0226277	.0578308	.0977046
Stddev	.0059188	.0016259	.0025313	.0049441	.0026865	.0228280
%RSD	28.79699	3.678038	17.65488	21.84984	4.645427	23.36428

#1	.0178332	.0454347	.0120538	.0239575	.0593848	.1027879
#2	.0164839	.0423622	.0139000	.0267709	.0547287	.1175625
#3	.0273434	.0448207	.0170593	.0171547	.0593789	.0727635

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1082307	.0067320	.0070381	2.150594	.0094011	.0315302
Stddev	.0027272	.0000767	.0002397	.076872	.0006682	.0006433
%RSD	2.519809	1.139996	3.405205	3.574468	7.107383	2.040152

#1	.1050944	.0066436	.0072790	2.062029	.0087329	.0314317
#2	.1100440	.0067816	.0067997	2.189721	.0094012	.0309419
#3	.1095538	.0067708	.0070356	2.200030	.0100692	.0322170

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218712	.1169199	.0228623	2.199317	.0438643	.0114021
Stddev	.0003394	.0068975	.0011288	.046866	.0005196	.0007190
%RSD	1.552020	5.899370	4.937237	2.130933	1.184450	6.306019

#1	.0218397	.1181294	.0221379	2.147961	.0433695	.0106698
#2	.0222253	.1094976	.0222861	2.210218	.0438179	.0121071
#3	.0215486	.1231327	.0241628	2.239771	.0444055	.0114295

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.147800	.0451108	.0475475	2.091195	.1175397	.2242794
Stddev	.054368	.0028802	.0006250	.030576	.0027494	.0002912
%RSD	2.531323	6.384821	1.314425	1.462119	2.339110	.1298567

#1	2.085461	.0439292	.0482066	2.064388	.1145297	.2239540
#2	2.172543	.0483939	.0469634	2.124496	.1181706	.2243686
#3	2.185395	.0430093	.0474725	2.084701	.1199187	.2245156

Sample Name: LLICV01 Acquired: 11/5/2019 14:10:57 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423941	.0439368	.4459886	.0219091	F .0146381	.0211390
Stddev	.0006166	.0003666	.0084154	.0003261	.0025178	.0009600
%RSD	1.454511	.8343029	1.886899	1.488494	17.20017	4.541245

#1	.0417040	.0443597	.4485070	.0217879	.0151154	.0212332
#2	.0425873	.0437082	.4528572	.0216610	.0119158	.0220483
#3	.0428910	.0437426	.4366016	.0222785	.0168831	.0201354

Elem	Sr4077
Units	ppm
Avg	.0220688
Stddev	.0005264
%RSD	2.385179

#1	.0214611
#2	.0223804
#3	.0223650

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.079	14417.47	3783.975	957.4715	1446.736
Stddev	1.231	22.30	24.969	5.1994	3.265
%RSD	.0968090	.1546843	.6598680	.5430311	.2256705

#1	1270.974	14396.48	3776.156	951.4946	1445.064
#2	1271.858	14440.89	3763.851	960.9504	1450.499
#3	1273.407	14415.04	3811.918	959.9696	1444.646

Sample Name: ICB01 Acquired: 11/5/2019 14:15:00 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	-.007521	.0011393	.0017706	-.002521	-.003669	.0048706	.0003748
Stddev	.003188	.0017420	.0010240	.002856	.003075	.0144396	.0010969
%RSD	42.38418	152.8964	57.83689	113.2858	83.81716	296.4670	292.6810

#1	-.004211	-.000299	.0016708	-.003555	-.006505	-.005279	-.000569
#2	-.007783	.000641	.0008001	-.004717	-.004100	-.001511	.001578
#3	-.010570	.003076	.0028408	.000708	-.000401	.021401	.000115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000871	-.000260	.0019794	-.000947	.0001940	-.000813	-.003922
Stddev	.0000570	.000104	.0083592	.000432	.0002122	.000951	.012096
%RSD	65.46469	39.92034	422.2972	45.60696	109.3806	117.0803	308.4269

#1	.0000225	-.000356	.0034978	-.000490	.0003896	-.000176	-.009624
#2	.0001304	-.000150	.0094754	-.001348	.0002239	-.001906	.009972
#3	.0001083	-.000274	-.007035	-.001003	-.000032	-.000356	-.012114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0303795	-.000401	.0004889	-.008184	.0022394	.0002924
Stddev	.000239	.0492935	.000407	.0007878	.017507	.0028775	.0003231
%RSD	1186.187	162.2587	101.4178	161.1522	213.9107	128.4915	110.5185

#1	-.000024	-.025796	-.000853	.0008576	-.020709	-.001025	-.000078
#2	-.000257	.050528	-.000283	.0010247	.011820	.004408	.000513
#3	.000221	.066407	-.000066	-.000416	-.015664	.003335	.000442

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024964	.0069392	.0006966	-.000978	-.000381	-.007498	-.001851
Stddev	.020309	.0004995	.0003539	.001419	.001603	.010720	.000147
%RSD	81.35247	7.197520	50.79853	145.1550	420.6483	142.9630	7.944416

#1	-.030076	.0064196	.0002903	.000257	.001208	-.004700	-.001734
#2	-.042229	.0074157	.0008623	-.000662	-.000354	.001545	-.002016
#3	-.002588	.0069822	.0009373	-.002529	-.001998	-.019340	-.001802

Sample Name: ICB01 Acquired: 11/5/2019 14:15:00 Type: Unk
 Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008541	.0003598	.0000211
Stddev	.004010	.0010023	.0001196
%RSD	46.94827	278.5655	566.4785

#1	-.004920	-.000562	-.000102
#2	-.012850	.001426	.000028
#3	-.007852	.000215	.000137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.564	14327.91	3748.742	956.2436	1435.926
Stddev	3.809	20.70	24.948	8.1171	4.126
%RSD	.2995739	.1444714	.6654952	.8488493	.2873312

#1	1267.745	14335.47	3772.885	963.7200	1433.551
#2	1275.364	14304.49	3750.280	947.6100	1440.690
#3	1271.583	14343.76	3723.060	957.4008	1433.536

Sample Name: CRI01 Acquired: 11/5/2019 14:19:03 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.0194219	.0407374	.0158435	.0192187	.0556978	.1140521	.1082249
Stddev	.0007236	.0019363	.0016358	.0010604	.0028984	.0149388	.0029885
%RSD	3.725558	4.753175	10.32484	5.517309	5.203864	13.09823	2.761335

#1	.0187483	.0429732	.0154325	.0179962	.0566416	.1245009	.1050483
#2	.0193305	.0396275	.0176456	.0197717	.0580067	.0969414	.1086457
#3	.0201868	.0396114	.0144523	.0198883	.0524451	.1207140	.1109806

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068874	.0068619	2.143004	.0103753	.0314791	.0226414	.1082405
Stddev	.0001301	.0001858	.029968	.0006543	.0007174	.0006512	.0054739
%RSD	1.889651	2.707462	1.398400	6.305868	2.278939	2.876154	5.057170

#1	.0067879	.0067796	2.114562	.0098551	.0306601	.0228400	.1101847
#2	.0070347	.0070746	2.140155	.0111098	.0319960	.0219140	.1020599
#3	.0068396	.0067315	2.174294	.0101611	.0317814	.0231702	.1124770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222521	2.120883	.0425678	.0115447	2.108008	.0452538	.0461772
Stddev	.0000727	.036069	.0005979	.0004667	.050829	.0017841	.0004389
%RSD	.3267147	1.700638	1.404655	4.042192	2.411246	3.942364	.9504965

#1	.0222268	2.080707	.0432555	.0116853	2.050349	.0442352	.0456766
#2	.0223341	2.131467	.0422770	.0119248	2.127340	.0473138	.0463589
#3	.0221955	2.150476	.0421709	.0110239	2.146336	.0442124	.0464960

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.011148	.1128206	.2199456	.0405663	.0429291	.4140447	.0214214
Stddev	.086146	.0027646	.0005106	.0022188	.0006161	.0255268	.0025705
%RSD	4.283449	2.450464	.2321702	5.469650	1.435185	6.165238	11.99964

#1	1.921892	.1156704	.2201995	.0420879	.0429649	.3848805	.0207085
#2	2.017745	.1101499	.2202795	.0380204	.0422959	.4323292	.0242731
#3	2.093806	.1126413	.2193578	.0415907	.0435266	.4249244	.0192826

Sample Name: CRI01 Acquired: 11/5/2019 14:19:03 Type: Unk
 Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0187389	.0202277	.0217881
Stddev	.0045547	.0026152	.0003941
%RSD	24.30625	12.92883	1.808538

#1	.0137085	.0176584	.0213592
#2	.0225833	.0228865	.0218712
#3	.0199248	.0201382	.0221340

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.505	14341.72	3742.002	952.8775	1448.832
Stddev	4.105	28.60	15.433	6.6337	5.077
%RSD	.3218326	.1994270	.4124230	.6961720	.3503971

#1	1278.979	14326.54	3737.824	960.5060	1453.881
#2	1270.975	14374.71	3759.093	948.4629	1443.728
#3	1276.561	14323.91	3729.088	949.6636	1448.887

Sample Name: ICSA01 Acquired: 11/5/2019 14:23:06 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054797	.0188627	-.007412	.0146569	.0296322	259.2459
Stddev	.0078858	.0020718	.007255	.0086873	.0046745	7.1497
%RSD	143.9104	10.98382	97.88390	59.27091	15.77494	2.757889

#1	.0037989	.0196325	-.000178	.0229242	.0348915	250.9946
#2	-.001430	.0165161	-.014687	.0056031	.0280540	263.1350
#3	.014070	.0204394	-.007370	.0154435	.0259511	263.6080

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090477	-.003360	.0005167	243.6292	.0424718	.0035253
Stddev	.0007129	.000057	.0002367	6.3164	.0009646	.0008682
%RSD	7.879653	1.702159	45.82030	2.592614	2.271269	24.62747

#1	.0082477	-.003407	.0002499	236.3383	.0417764	.0044902
#2	.0092796	-.003297	.0007019	247.4440	.0435731	.0032785
#3	.0096159	-.003377	.0005982	247.1053	.0420658	.0028072

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057320	95.22918	.0145130	259.1811	.0021525	.0036591
Stddev	.0014587	1.83787	.0011852	7.1178	.0016975	.0006818
%RSD	25.44855	1.929946	8.166646	2.746271	78.86059	18.63253

#1	.0061879	93.16106	.0132278	250.9668	.0038622	.0031684
#2	.0069082	95.85100	.0147482	263.5272	.0021279	.0033712
#3	.0040997	96.67548	.0155630	263.0493	.0004675	.0044376

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158716	.0202321	.0027833	-.050577	-.017871	-.001081
Stddev	.0135217	.0035106	.0009372	.031357	.006066	.000661
%RSD	85.19441	17.35150	33.67194	61.99816	33.94187	61.11648

#1	.0013477	.0182512	.0031629	-.046929	-.021600	-.000408
#2	.0181708	.0242854	.0017159	-.021204	-.021141	-.001729
#3	.0280963	.0181596	.0034712	-.083598	-.010872	-.001107

Sample Name: ICSA01 Acquired: 11/5/2019 14:23:06 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009149	-.009536	.0271280	F .0715976	.0015279	.0069505
Stddev	.001500	.002683	.0091551	.0034021	.0081944	.0016046
%RSD	16.39499	28.13633	33.74772	4.751716	536.3069	23.08642

#1	-.009149	-.006574	.0335571	.0716735	-.006908	.0050976
#2	-.007649	-.010229	.0311808	.0681582	.002035	.0078724
#3	-.010648	-.011805	.0166460	.0749611	.009457	.0078815

Elem	Sr4077
Units	ppm
Avg	-.003476
Stddev	.000180
%RSD	5.174347

#1	-.003656
#2	-.003296
#3	-.003475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.517	13371.09	3661.272	882.5703	1308.618
Stddev	5.399	26.46	29.719	6.5341	6.898
%RSD	.4504940	.1978982	.8117016	.7403480	.5271451

#1	1195.976	13341.29	3689.164	876.2116	1301.295
#2	1204.718	13380.16	3630.013	889.2667	1314.994
#3	1194.857	13391.83	3664.639	882.2326	1309.565

Sample Name: ICSAB01 Acquired: 11/5/2019 14:27:07 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987338	.0955916	.0390097	.0583970	.6513981	257.2942
Stddev	.0042390	.0020454	.0003912	.0069899	.0051242	6.5367
%RSD	4.293334	2.139778	1.002749	11.96956	.7866475	2.540544

#1	.0963889	.0935012	.0394576	.0633952	.6463448	249.7909
#2	.0961853	.0956846	.0387352	.0504095	.6565904	260.3359
#3	.1036271	.0975890	.0388362	.0613861	.6512591	261.7557

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5356655	.5226053	.9833340	241.3341	.5602709	.5047985
Stddev	.0108253	.0006222	.0021179	5.8789	.0036111	.0016183
%RSD	2.020910	.1190665	.2153788	2.436013	.6445348	.3205842

#1	.5231938	.5224104	.9823293	234.6071	.5572036	.5029431
#2	.5426297	.5233016	.9819054	243.9087	.5642508	.5055333
#3	.5411729	.5221037	.9857672	245.4865	.5593584	.5059190

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5057080	94.33750	.5248470	256.9084	.9926704	.2195935
Stddev	.0036789	2.26546	.0107067	6.5886	.0049612	.0023337
%RSD	.7274794	2.401438	2.039959	2.564583	.4997834	1.062745

#1	.5063561	91.77857	.5125283	249.3243	.9978489	.2170990
#2	.5017480	95.14664	.5301004	260.1803	.9879596	.2199580
#3	.5090197	96.08729	.5319122	261.2207	.9922029	.2217235

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039724	.5202815	1.055430	-.064401	1.056212	1.075644
Stddev	.0079944	.0089457	.007439	.022533	.010080	.004837
%RSD	201.2463	1.719388	.7048750	34.98911	.9543858	.4497181

#1	-.005252	.5105384	1.046964	-.066161	1.044572	1.070509
#2	.008278	.5221817	1.058398	-.041039	1.062016	1.076310
#3	.008892	.5281244	1.060926	-.086002	1.062048	1.080115

Sample Name: ICSAB01 Acquired: 11/5/2019 14:27:07 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.049550	1.059189	1.035140	F .0717737	F -.000663	F .0053513
Stddev	.002103	.028440	.014285	.0052137	.007704	.0013085
%RSD	.2003938	2.685080	1.379990	7.264093	1161.300	24.45203

#1	1.050527	1.026361	1.019829	.0701186	-.005859	.0053900
#2	1.050987	1.076345	1.048108	.0675885	.008188	.0066400
#3	1.047136	1.074862	1.037484	.0776141	-.004319	.0040238

Elem	Sr4077
Units	ppm
Avg	F -.005201
Stddev	.000112
%RSD	2.145547

#1	-.005137
#2	-.005136
#3	-.005330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1207.165	13550.72	3665.772	898.1444	1318.069
Stddev	4.335	41.59	7.594	6.8441	5.144
%RSD	.3591221	.3069283	.2071587	.7620227	.3902778

#1	1211.734	13595.13	3663.661	905.8680	1318.981
#2	1203.109	13512.69	3659.457	892.8331	1312.530
#3	1206.653	13544.34	3674.198	895.7320	1322.696

Sample Name: CCV01 Acquired: 11/5/2019 14:30:56 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	5.105297	5.059374	5.024159	5.146086	5.086120	10.12363	10.18097
Stddev	.013524	.015525	.010176	.007650	.013301	.15981	.12019
%RSD	.2649107	.3068598	.2025424	.1486554	.2615129	1.578593	1.180552

#1	5.099609	5.041682	5.034124	5.151063	5.073357	9.94872	10.05191
#2	5.095545	5.070727	5.013784	5.137278	5.085103	10.16015	10.20133
#3	5.120736	5.065713	5.024569	5.149918	5.099900	10.26201	10.28969

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2533250	2.571982	25.11520	1.013371	2.514470	1.361693	5.132991
Stddev	.0016979	.001134	.29470	.001994	.007072	.002397	.144885
%RSD	.6702549	.0440890	1.173403	.1967942	.2812427	.1760575	2.822617

#1	.2550499	2.572134	24.81322	1.013303	2.506860	1.362950	4.966167
#2	.2516554	2.573032	25.13035	1.011412	2.515712	1.358929	5.227304
#3	.2532698	2.570780	25.40204	1.015399	2.520839	1.363201	5.205501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.561240	25.07791	2.524157	1.272536	25.23125	2.516583	2.577728
Stddev	.049444	.45093	.000671	.003057	.33612	.040855	.002618
%RSD	1.930461	1.798098	.0265852	.2402296	1.332173	1.623450	.1015768

#1	2.506078	24.55815	2.523649	1.274395	24.84330	2.470526	2.580017
#2	2.576071	25.31103	2.524918	1.274206	25.41491	2.530766	2.574873
#3	2.601571	25.36456	2.523906	1.269008	25.43552	2.548457	2.578293

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.70815	5.068117	5.047147	5.016834	5.142684	5.109041	5.037698
Stddev	.66813	.019165	.016186	.021887	.107021	.136217	.017304
%RSD	2.598893	.3781387	.3206997	.4362644	2.081025	2.666200	.3434989

#1	24.93934	5.090022	5.029553	4.995611	5.020522	4.958484	5.023688
#2	26.03695	5.054441	5.050484	5.015564	5.187620	5.144891	5.032365
#3	26.14816	5.059889	5.061405	5.039328	5.219910	5.223747	5.057041

Sample Name: CCV01 Acquired: 11/5/2019 14:30:56 Type: Unk
 Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.038113	5.019731	5.038941
Stddev	.020384	.066229	.061888
%RSD	.4045869	1.319365	1.228199

#1	5.021154	4.950110	4.976130
#2	5.032458	5.027140	5.040829
#3	5.060727	5.081944	5.099864

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.145	14183.72	3750.889	928.4057	1386.185
Stddev	3.660	35.98	18.693	2.3551	4.671
%RSD	.2925062	.2537041	.4983551	.2536755	.3369990

#1	1255.075	14142.17	3731.792	926.3003	1391.392
#2	1250.523	14204.55	3769.149	927.9677	1384.800
#3	1247.836	14204.43	3751.725	930.9491	1382.362

Sample Name: LLCCV01 Acquired: 11/5/2019 14:34:40 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.0200875	.0429558	.0126892	.0199291	.0523433	.1136887	.1096379
Stddev	.0022447	.0039340	.0029944	.0030606	.0025778	.0039382	.0014769
%RSD	11.17485	9.158191	23.59772	15.35715	4.924883	3.463985	1.347029

#1	.0181800	.0454470	.0156873	.0181126	.0533625	.1138358	.1081010
#2	.0195214	.0449998	.0126816	.0182121	.0542556	.1175512	.1110463
#3	.0225611	.0384205	.0096986	.0234627	.0494116	.1096790	.1097664

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068791	.0063459	2.158830	.0105229	.0320037	.0232493	.1057508
Stddev	.0000297	.0002620	.052136	.0012314	.0005763	.0010981	.0073340
%RSD	.4317326	4.129041	2.415031	11.70186	1.800604	4.722989	6.935201

#1	.0068977	.0065699	2.098648	.0093068	.0320777	.0232952	.0996023
#2	.0068947	.0064100	2.190284	.0117690	.0325394	.0221290	.1138684
#3	.0068448	.0060578	2.187556	.0104928	.0313940	.0243237	.1037817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227961	2.177544	.0435172	.0112668	2.134671	.0479819	.0475243
Stddev	.0009817	.078953	.0009429	.0007397	.065397	.0028097	.0013927
%RSD	4.306577	3.625770	2.166755	6.565021	3.063560	5.855741	2.930407

#1	.0217716	2.091288	.0425474	.0114061	2.066318	.0452801	.0459631
#2	.0228882	2.246235	.0435736	.0119269	2.141052	.0477773	.0479710
#3	.0237286	2.195109	.0444307	.0104674	2.196644	.0508883	.0486388

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.054158	.1183479	.2232786	.0405448	.0429928	.4301504	.0221404
Stddev	.090875	.0021590	.0008539	.0002240	.0009551	.0264503	.0029078
%RSD	4.423971	1.824318	.3824551	.5524408	2.221581	6.149088	13.13332

#1	1.972741	.1206091	.2226435	.0406681	.0426796	.4000225	.0214681
#2	2.037537	.1181265	.2229430	.0402862	.0440653	.4408725	.0196277
#3	2.152197	.1163081	.2242493	.0406800	.0422337	.4495563	.0253255

Sample Name: LLCCV01 Acquired: 11/5/2019 14:34:40 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0229267	.0194764	.0219813
Stddev	.0057526	.0005500	.0003193
%RSD	25.09136	2.823871	1.452802

#1	.0230261	.0197229	.0216908
#2	.0171250	.0188463	.0219298
#3	.0286289	.0198601	.0223232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1278.184	14395.06	3760.934	959.6724	1452.370
Stddev	7.189	13.30	14.912	7.1487	4.276
%RSD	.5624184	.0923608	.3965074	.7449079	.2944421

#1	1273.817	14380.00	3752.977	967.9266	1449.733
#2	1286.481	14405.17	3751.687	955.4715	1457.304
#3	1274.255	14400.02	3778.137	955.6193	1450.073

Sample Name: CCB01 Acquired: 11/5/2019 14:40:33 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	-.000086	.0029709	.0013663	-.005143	-.001704	-.000525	-.000374
Stddev	.005433	.0008772	.0033901	.003614	.001673	.009889	.000501
%RSD	6326.756	29.52698	248.1200	70.27501	98.22223	1884.322	134.1042

#1	.004636	.0036174	.0037927	-.006816	-.000351	-.007204	-.000649
#2	-.006024	.0033230	-.002507	-.000995	-.001186	.010836	.000205
#3	.001130	.0019724	.002813	-.007618	-.003575	-.005206	-.000677

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000416	-.000113	.0051574	-.000710	.0000375	-.000785	-.000168
Stddev	.0002245	.000324	.0075843	.000772	.0001404	.000574	.002262
%RSD	539.8112	285.5379	147.0558	108.6361	373.8896	73.13668	1349.615

#1	-.000214	.000144	.0039599	-.001407	-.000005	-.001062	-.000977
#2	.000205	-.000477	-.001757	-.000843	-.000077	-.000125	.002388
#3	.000134	-.000007	.013269	.000119	.000194	-.001168	-.001913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0139868	-.001161	-.000334	-.030593	.0108245	.0002363
Stddev	.000194	.0326483	.000505	.000955	.012095	.0053819	.0006277
%RSD	5773.156	233.4215	43.47215	285.5627	39.53657	49.71945	265.6206

#1	-.000004	.0060637	-.001172	-.001170	-.020056	.0129871	.0009484
#2	-.000197	-.013971	-.001661	-.000539	-.027922	.0147886	-.000003
#3	.000191	.049867	-.000651	.000706	-.043801	.0046977	-.000237

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035092	.0041051	.0002539	-.002141	-.000807	-.001019	-.000625
Stddev	.016310	.0016322	.0004516	.001028	.000448	.013482	.001403
%RSD	46.47814	39.75900	177.9133	47.99502	55.53771	1323.728	224.4532

#1	-.020508	.0022733	.0004238	-.001907	-.000905	-.004572	.000925
#2	-.052703	.0046375	.0005958	-.003265	-.001198	.013885	-.000992
#3	-.032063	.0054047	-.000258	-.001251	-.000318	-.012368	-.001807

Sample Name: CCB01 Acquired: 11/5/2019 14:40:33 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001967	.0011824	-.000036
Stddev	.006920	.0030383	.000070
%RSD	351.8339	256.9660	193.7097

#1	.001620	-.002283	-.000094
#2	-.009944	.003389	-.000057
#3	.002423	.002441	.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1265.359	14259.51	3698.402	946.0660	1426.744
Stddev	2.009	25.21	16.035	10.6242	1.210
%RSD	.1587815	.1767792	.4335636	1.122986	.0848359

#1	1266.940	14240.20	3697.741	940.0164	1425.722
#2	1263.098	14288.03	3714.757	958.3333	1426.430
#3	1266.039	14250.31	3682.708	939.8481	1428.081

Sample Name: K5138-06 Acquired: 11/5/2019 14:44:39 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001832	-.000036	.0034332	-.002836	-.001234	.0683969	.0344595
Stddev	.004138	.000796	.0011401	.003237	.002440	.0031336	.0012109
%RSD	225.8838	2215.231	33.20678	114.1215	197.8127	4.581426	3.513977

#1	.002223	.000807	.0042120	.000679	-.002922	.0663220	.0333917
#2	-.001670	-.000773	.0039629	-.005693	.001564	.0668672	.0342117
#3	-.006048	-.000142	.0021246	-.003495	-.002343	.0720015	.0357752

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000141	-.000084	6.556818	-.001197	.0040968	.0014999	.7291396
Stddev	.0001892	.000355	.112201	.000699	.0000978	.0016025	.0120862
%RSD	1338.186	423.9370	1.711216	58.36706	2.386476	106.8410	1.657603

#1	-.000080	.000031	6.429092	-.001922	.0040399	.0015304	.7168508
#2	.000232	.000200	6.601880	-.000528	.0040408	.0030868	.7410126
#3	-.000110	-.000482	6.639484	-.001142	.0042097	-.000118	.7295554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1622570	.3643184	.0009345	.0000873	71.90559	.0044601	.0184274
Stddev	.0028142	.0130103	.0008808	.0005039	.64616	.0029276	.0000551
%RSD	1.734436	3.571128	94.25245	577.4207	.8986224	65.63931	.2987595

#1	.1590351	.3519718	.0011093	-.000290	71.16615	.0066199	.0183646
#2	.1635012	.3630797	.0017147	-.000108	72.18903	.0056324	.0184673
#3	.1642347	.3779037	-.000021	.000660	72.36159	.0011280	.0184503

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3418595	.0056386	-.000214	-.000282	.0007725	.4689572	.0049008
Stddev	.0338178	.0003269	.000331	.000674	.0031014	.0052919	.0011951
%RSD	9.892322	5.797725	155.0733	239.0219	401.4999	1.128436	24.38614

#1	.3169268	.0053361	.000138	.000477	.0002211	.4735636	.0061907
#2	.3803531	.0055941	-.000258	-.000510	.0041126	.4701311	.0038310
#3	.3282986	.0059854	-.000520	-.000813	-.002016	.4631769	.0046807

Sample Name: K5138-06 Acquired: 11/5/2019 14:44:39 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1291107	.0001498	.0425696
Stddev	.0039805	.0007775	.0008790
%RSD	3.083009	518.8748	2.064834

#1	.1250746	.0005485	.0415566
#2	.1292243	.0006471	.0431308
#3	.1330332	-.000746	.0430213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.772	14133.18	3702.678	936.7657	1421.775
Stddev	5.775	6.31	27.244	2.3893	7.301
%RSD	.4584553	.0446625	.7357822	.2550592	.5134796

#1	1255.352	14129.84	3726.817	939.1211	1413.623
#2	1266.307	14140.46	3673.139	934.3438	1427.709
#3	1257.658	14129.25	3708.078	936.8322	1423.993

Sample Name: K5138-06DUP Acquired: 11/5/2019 14:48:43 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011861	-.001895	.0068836	-.000301	.0014685	.0463995	.0339351
Stddev	.0063894	.004353	.0033771	.001247	.0031819	.0157554	.0014764
%RSD	538.7014	229.6617	49.05996	413.5972	216.6800	33.95596	4.350746

#1	.0050389	-.006919	.0030727	-.001724	.0042789	.0583384	.0323452
#2	.0047086	.000760	.0080733	.000601	.0021126	.0285418	.0341971
#3	-.006189	.000473	.0095048	.000219	-.001986	.0523182	.0352630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002046	.0000477	6.455676	-.000447	.0044217	.0012929	.7366613
Stddev	.0000971	.0002734	.124827	.000719	.0008507	.0000723	.0270130
%RSD	47.44663	573.4474	1.933600	160.8227	19.24016	5.588846	3.666950

#1	.0002634	-.000015	6.320997	-.000194	.0049238	.0013763	.7054731
#2	.0002579	.000347	6.478542	.000111	.0049019	.0012501	.7518396
#3	.0000925	-.000189	6.567489	-.001259	.0034394	.0012523	.7526713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1597510	.3394463	.0011347	.0001389	71.42490	.0007446	.0200651
Stddev	.0026105	.0164288	.0000867	.0005864	1.48261	.0006836	.0001212
%RSD	1.634123	4.839880	7.644188	422.1968	2.075754	91.80521	.6041228

#1	.1570031	.3580038	.0011785	-.000448	69.75645	.0015326	.0201847
#2	.1600519	.3335768	.0011909	.000724	71.92699	.0003896	.0200683
#3	.1621980	.3267585	.0010348	.000141	72.59127	.0003115	.0199424

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3388964	.0079735	-.000523	-.000447	-.001159	.4927868	.0052025
Stddev	.0031925	.0006699	.000595	.000598	.001424	.0106650	.0002104
%RSD	.9420383	8.402250	113.8054	133.7738	122.8693	2.164222	4.045215

#1	.3420151	.0074847	-.001184	-.000642	-.001033	.4848772	.0052908
#2	.3390393	.0087372	-.000029	.000224	-.002642	.5049160	.0049622
#3	.3356348	.0076986	-.000356	-.000923	.000198	.4885671	.0053544

Sample Name: K5138-06DUP Acquired: 11/5/2019 14:48:43 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1320228	.0001872	.0421714
Stddev	.0049059	.0020419	.0009519
%RSD	3.715980	1090.565	2.257268

#1	.1269194	-.002032	.0410886
#2	.1367040	.000606	.0428765
#3	.1324450	.001987	.0425491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.469	14186.94	3735.090	947.7802	1424.320
Stddev	5.591	52.83	26.178	10.1757	4.017
%RSD	.4439056	.3723549	.7008789	1.073632	.2820586

#1	1255.157	14130.70	3706.233	957.6224	1422.124
#2	1257.463	14194.59	3741.723	948.4171	1421.879
#3	1265.786	14235.52	3757.314	937.3010	1428.957

Sample Name: K5138-06LX5 Acquired: 11/5/2019 14:52:49 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003146	.0018984	.0025300	-.009347	.0014115	.0098988	.0066245
Stddev	.003646	.0027522	.0012328	.002915	.0006418	.0029462	.0004182
%RSD	115.8979	144.9769	48.72792	31.17994	45.47070	29.76298	6.312980

#1	-.007292	.0026500	.0039467	-.012613	.0021431	.0089859	.0070021
#2	-.001709	.0041967	.0017018	-.007010	.0009434	.0075171	.0066965
#3	-.000437	-.001152	.0019414	-.008419	.0011478	.0131933	.0061750

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002181	-.000096	1.343616	-.001438	.0008635	.0013488	.1487537
Stddev	.0001594	.000124	.023396	.000183	.0003091	.0004691	.0020070
%RSD	73.09999	129.2840	1.741267	12.75641	35.79292	34.78117	1.349177

#1	.0000444	-.000048	1.331354	-.001618	.0010914	.0014775	.1509623
#2	.0003578	-.000003	1.328900	-.001251	.0005117	.0017402	.1470415
#3	.0002521	-.000236	1.370594	-.001443	.0009874	.0008288	.1482573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328112	.0734289	.0001723	.0002921	14.51223	.0031437	.0055142
Stddev	.0007874	.0237995	.0003507	.0002941	.19602	.0036353	.0009660
%RSD	2.399926	32.41161	203.4881	100.6820	1.350711	115.6390	17.51938

#1	.0319305	.0885268	.0004935	-.000045	14.28949	.0025535	.0056334
#2	.0330556	.0857660	-.000202	.000497	14.58878	.0070380	.0064151
#3	.0334475	.0459939	.000225	.000424	14.65842	-.000160	.0044941

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228956	.0037598	.0004105	-.000815	.0009498	.0960837	.0026467
Stddev	.0154821	.0023080	.0004090	.000502	.0019193	.0227727	.0025083
%RSD	67.62016	61.38783	99.62960	61.51062	202.0607	23.70091	94.77220

#1	.0381850	.0057925	.0003238	-.000520	.0016771	.1105384	.0040793
#2	.0232740	.0012508	.0008560	-.001394	.0023992	.0698329	.0041105
#3	.0072279	.0042360	.0000518	-.000531	-.001227	.1078798	-.000250

Sample Name: K5138-06LX5 Acquired: 11/5/2019 14:52:49 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0227147	.0002495	.0088399
Stddev	.0013833	.0006072	.0001774
%RSD	6.089837	243.3918	2.006742

#1	.0218799	.0003634	.0086427
#2	.0243114	.0007917	.0089867
#3	.0219527	-.000407	.0088902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.828	14296.10	3754.666	950.4077	1453.825
Stddev	1.684	19.16	24.395	7.9329	5.079
%RSD	.1323190	.1340501	.6497296	.8346821	.3493366

#1	1274.548	14315.51	3748.237	959.2245	1454.589
#2	1272.755	14277.20	3734.129	948.1506	1448.408
#3	1271.182	14295.58	3781.632	943.8479	1458.479

Sample Name: K5138-06MS Acquired: 11/5/2019 14:56:54 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7977508	2.056638	.9945098	2.043882	.7874213	2.124309	.2483658
Stddev	.0083282	.010898	.0034340	.001992	.0025319	.041669	.0040453
%RSD	1.043964	.5299133	.3452942	.0974492	.3215450	1.961532	1.628760

#1	.8071822	2.049081	.9974277	2.041617	.7885631	2.076967	.2437367
#2	.7914084	2.069131	.9953762	2.044670	.7845196	2.155421	.2512218
#3	.7946619	2.051702	.9907256	2.045359	.7891812	2.140538	.2501388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2058574	.2124076	7.951754	.4138604	.2041984	.3207240	3.954387
Stddev	.0014544	.0014968	.161575	.0024390	.0007460	.0025327	.102932
%RSD	.7064827	.7046807	2.031945	.5893323	.3653275	.7896725	2.602995

#1	.2063648	.2107516	7.765253	.4114999	.2036624	.3178079	3.837965
#2	.2069900	.2136641	8.049412	.4137103	.2050504	.3223735	3.991875
#3	.2042173	.2128071	8.040598	.4163710	.2038824	.3219906	4.033322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3813028	2.378554	.5019147	.0750457	78.65079	.3121075	.2266904
Stddev	.0079142	.085611	.0023247	.0017852	1.55228	.0035768	.0006878
%RSD	2.075561	3.599268	.4631685	2.378787	1.973633	1.146017	.3034113

#1	.3722540	2.285233	.5016218	.0729900	76.89694	.3082710	.2260193
#2	.3847207	2.396973	.5043720	.0759413	79.20746	.3153503	.2273938
#3	.3869336	2.453456	.4997504	.0762058	79.84798	.3127014	.2266581

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76426	.3136796	.4111011	.7025063	.2086378	1.503443	5.902555
Stddev	.27751	.0034148	.0012554	.0030040	.0045924	.027383	.013923
%RSD	2.578098	1.088641	.3053658	.4276110	2.201115	1.821365	.2358888

#1	10.44450	.3160906	.4125159	.7050023	.2033351	1.472098	5.890482
#2	10.90599	.3151761	.4106670	.7033445	.2113130	1.522716	5.917787
#3	10.94229	.3097720	.4101204	.6991723	.2112653	1.515514	5.899397

Sample Name: K5138-06MS Acquired: 11/5/2019 14:56:54 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1297271	.2085356	.2511487
Stddev	.0044944	.0033515	.0051429
%RSD	3.464463	1.607171	2.047757

#1	.1320129	.2048232	.2452106
#2	.1326191	.2113385	.2540592
#3	.1245493	.2094451	.2541764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.040	14240.72	3731.399	950.0102	1431.557
Stddev	6.114	27.14	25.387	8.1771	7.291
%RSD	.4795484	.1905757	.6803537	.8607405	.5093202

#1	1268.246	14231.60	3713.016	940.7644	1424.379
#2	1276.773	14271.24	3720.816	956.2921	1431.337
#3	1280.101	14219.31	3760.365	952.9741	1438.957

Sample Name: K5138-06MSD Acquired: 11/5/2019 15:00:48 Type: Unk
 Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8209679	2.091338	1.014690	2.086149	.8078097	2.144765	.2499611
Stddev	.0025138	.004854	.003361	.007488	.0025849	.041737	.0065178
%RSD	.3062021	.2321073	.3312653	.3589305	.3199911	1.946009	2.607531

#1	.8182338	2.089001	1.013498	2.093418	.8050926	2.122829	.2424604
#2	.8214907	2.088094	1.012086	2.078460	.8102383	2.118568	.2531772
#3	.8231793	2.096919	1.018484	2.086568	.8080983	2.192896	.2542459

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2115874	.2155938	7.688269	.4232631	.2081107	.3256348	3.966590
Stddev	.0006992	.0006271	.181979	.0029173	.0007238	.0002762	.089350
%RSD	.3304708	.2908770	2.366971	.6892322	.3477907	.0848045	2.252561

#1	.2114697	.2155071	7.480062	.4261152	.2075753	.3255421	3.863501
#2	.2109545	.2150146	7.767803	.4233893	.2078227	.3259454	4.021713
#3	.2123381	.2162598	7.816943	.4202848	.2089342	.3254170	4.014557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3774776	2.490254	.5152384	.0773388	75.33410	.3192114	.2330435
Stddev	.0091515	.073864	.0021792	.0007253	1.47368	.0067934	.0019256
%RSD	2.424382	2.966123	.4229444	.9377931	1.956192	2.128180	.8262874

#1	.3669149	2.436302	.5174185	.0770561	73.67759	.3116007	.2308389
#2	.3830285	2.460022	.5130602	.0781629	75.82514	.3246623	.2338957
#3	.3824893	2.574438	.5152366	.0767975	76.49957	.3213712	.2343960

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.92543	.3221930	.4215381	.7178018	.2129689	1.499883	6.020105
Stddev	.26391	.0042530	.0008482	.0036913	.0092132	.056308	.009934
%RSD	2.415516	1.320000	.2012065	.5142535	4.326096	3.754179	.1650062

#1	10.62605	.3219129	.4225165	.7199032	.2023427	1.455568	6.030160
#2	11.12437	.3180870	.4210104	.7135396	.2187261	1.563245	6.010297
#3	11.02588	.3265791	.4210874	.7199626	.2178378	1.480837	6.019857

Sample Name: K5138-06MSD Acquired: 11/5/2019 15:00:48 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1260856	.2123954	.2532386
Stddev	.0047669	.0051178	.0061228
%RSD	3.780704	2.409552	2.417785

#1	.1215860	.2064860	.2462115
#2	.1310811	.2153287	.2560793
#3	.1255898	.2153716	.2574251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.832	14239.28	3722.802	942.2914	1426.564
Stddev	.862	44.77	14.439	2.0820	2.036
%RSD	.0680287	.3144005	.3878410	.2209506	.1427552

#1	1266.736	14188.24	3716.692	940.2578	1424.690
#2	1266.022	14257.68	3739.291	944.4187	1428.731
#3	1267.737	14271.91	3712.423	942.1978	1426.270

Sample Name: K5138-06A Acquired: 11/5/2019 15:04:44 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8130692	2.073336	1.004167	2.061735	.8011636	2.136188	.2473353
Stddev	.0049256	.012099	.003529	.019913	.0072303	.051757	.0060041
%RSD	.6058024	.5835768	.3514816	.9658420	.9024758	2.422860	2.427527

#1	.8104193	2.084565	1.002145	2.074620	.8061540	2.079853	.2407505
#2	.8100358	2.060522	1.002113	2.038800	.7928719	2.147077	.2487490
#3	.8187525	2.074920	1.008242	2.071786	.8044649	2.181634	.2525065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2112592	.2147656	7.623945	.4232357	.2051891	.3236929	3.909119
Stddev	.0017962	.0015007	.176069	.0011066	.0007765	.0011747	.065864
%RSD	.8502520	.6987391	2.309423	.2614668	.3784072	.3628984	1.684885

#1	.2092216	.2140011	7.422665	.4219635	.2056183	.3223365	3.834556
#2	.2126136	.2164946	7.699781	.4237680	.2042928	.3243647	3.933427
#3	.2119424	.2138012	7.749389	.4239756	.2056562	.3243775	3.959374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3730249	2.436398	.5088862	.0763195	74.94201	.3134159	.2304572
Stddev	.0105380	.058447	.0020097	.0014125	1.30091	.0087118	.0017727
%RSD	2.825008	2.398905	.3949162	1.850807	1.735891	2.779642	.7692244

#1	.3608615	2.376136	.5069229	.0759848	73.50118	.3041579	.2324851
#2	.3788117	2.440218	.5087965	.0778693	75.29450	.3146370	.2296853
#3	.3794016	2.492842	.5109393	.0751044	76.03036	.3214527	.2292013

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84817	.3200499	.4169253	.7123976	.2102050	1.480721	5.966775
Stddev	.15419	.0030746	.0020181	.0033925	.0074660	.047744	.005254
%RSD	1.421350	.9606599	.4840346	.4762101	3.551779	3.224381	.0880520

#1	10.68360	.3173191	.4187962	.7163146	.2028911	1.452487	5.972841
#2	10.87160	.3233800	.4147868	.7104881	.2099094	1.453831	5.963706
#3	10.98930	.3194506	.4171928	.7103902	.2178144	1.535846	5.963777

Sample Name: K5138-06A Acquired: 11/5/2019 15:04:44 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1241030	.2113311	.2504438
Stddev	.0073916	.0031534	.0051172
%RSD	5.956039	1.492174	2.043243

#1	.1211404	.2076924	.2445807
#2	.1325163	.2132690	.2527400
#3	.1186522	.2130319	.2540106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.105	14215.88	3702.876	939.5939	1434.231
Stddev	14.672	50.72	27.794	1.4023	14.160
%RSD	1.153350	.3568177	.7506043	.1492407	.9872934

#1	1263.595	14243.44	3733.671	939.7785	1423.365
#2	1289.046	14157.34	3679.652	938.1084	1450.245
#3	1263.673	14246.87	3695.304	940.8946	1429.082

Sample Name: K5658-03 Acquired: 11/5/2019 15:08:40 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020138	-.002116	.0967492	-.047319	.0023026	82.44311	.2727184
Stddev	.0077867	.003763	.0048716	.003743	.0019863	.85110	.0014227
%RSD	386.6633	177.8151	5.035292	7.911219	86.26553	1.032348	.5216887

#1	.0094554	-.006016	.0950581	-.043423	.0027155	81.60773	.2712675
#2	.0026633	.001493	.1022411	-.050889	.0001422	82.41250	.2727767
#3	-.006077	-.001825	.0929486	-.047643	.0040499	83.30911	.2741112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001800	-.002202	10.76781	.0664494	.0571774	.0915819	139.1479
Stddev	.0001402	.000105	.08944	.0011424	.0009090	.0013005	2.4522
%RSD	77.90609	4.763197	.8306561	1.719180	1.589761	1.420017	1.762267

#1	.0003000	-.002315	10.67264	.0673808	.0582270	.0926527	136.4126
#2	.0000258	-.002185	10.78065	.0651748	.0566547	.0919583	139.8816
#3	.0002143	-.002108	10.85014	.0667926	.0566504	.0901348	141.1494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.252374	17.93353	.0971372	.0079278	2.862672	.1281325	.3986974
Stddev	.033661	.22258	.0035891	.0005399	.077327	.0061654	.0023881
%RSD	1.034953	1.241131	3.694834	6.810418	2.701213	4.811712	.5989698

#1	3.221414	17.68180	.1011420	.0074872	2.773414	.1210313	.3992773
#2	3.247502	18.01451	.0960583	.0077661	2.905223	.1321206	.4007421
#3	3.288204	18.10429	.0942114	.0085301	2.909377	.1312456	.3960727

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.502729	.0439423	-.000171	.0022292	1.089919	2.535609	4.756462
Stddev	.140028	.0094556	.000080	.0010239	.023498	.053442	.030962
%RSD	2.544694	21.51826	46.56419	45.93315	2.155926	2.107655	.6509563

#1	5.341630	.0340856	-.000080	.0031272	1.063071	2.473993	4.728033
#2	5.571313	.0448035	-.000227	.0011141	1.099950	2.563494	4.751900
#3	5.595244	.0529379	-.000207	.0024463	1.106737	2.569342	4.789452

Sample Name: K5658-03 Acquired: 11/5/2019 15:08:40 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30-S Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3362833	.0719559	-.033022
Stddev	.0047120	.0022984	.001073
%RSD	1.401187	3.194219	3.250189

#1	.3370442	.0716732	-.031828
#2	.3312372	.0743826	-.033332
#3	.3405685	.0698119	-.033907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.989	15552.38	4082.501	1037.144	1486.638
Stddev	6.392	18.90	33.183	4.439	3.092
%RSD	.4608598	.1215468	.8128131	.4279819	.2080163

#1	1385.850	15540.18	4044.268	1036.431	1486.729
#2	1393.875	15574.16	4103.813	1033.105	1489.684
#3	1381.244	15542.81	4099.422	1041.896	1483.501

Sample Name: K5658-03DUP Acquired: 11/5/2019 15:12:34 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015857	-.004336	.0990626	-.044251	-.000390	82.76381	.2761625
Stddev	.0027703	.004200	.0014976	.010470	.002349	1.69333	.0055531
%RSD	174.6989	96.86483	1.511773	23.66136	602.6711	2.045973	2.010802

#1	.0030315	-.009169	.0990374	-.053769	.002212	80.82581	.2700695
#2	-.001608	-.001567	.1005727	-.033036	-.002353	83.50816	.2774787
#3	.003334	-.002272	.0975778	-.045948	-.001029	83.95746	.2809392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003929	-.002481	10.78020	.0689376	.0573759	.0911960	140.1167
Stddev	.0003616	.000322	.23137	.0086074	.0004556	.0018057	2.4497
%RSD	92.05187	12.97429	2.146222	12.48573	.7941163	1.980019	1.748354

#1	.0003585	-.002125	10.51867	.0644144	.0577598	.0932807	137.4643
#2	.0000497	-.002566	10.86370	.0788635	.0574955	.0901857	140.5913
#3	.0007705	-.002751	10.95822	.0635348	.0568724	.0901217	142.2943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.306069	17.91460	.0985876	.0084911	2.878832	.1266262	.4217892
Stddev	.063251	.43053	.0040487	.0001907	.065069	.0066440	.0406776
%RSD	1.913193	2.403237	4.106688	2.245912	2.260249	5.246921	9.644059

#1	3.233147	17.41986	.1025166	.0085452	2.812413	.1201135	.4061790
#2	3.338981	18.11971	.0988172	.0086490	2.881625	.1263712	.4679597
#3	3.346078	18.20422	.0944290	.0082792	2.942460	.1333941	.3912288

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.455832	.0491312	-.000251	.0012786	1.079240	2.096954	4.785486
Stddev	.066567	.0100844	.000760	.0009978	.031971	.034744	.010720
%RSD	1.220102	20.52554	302.9023	78.03405	2.962329	1.656877	.2240144

#1	5.380315	.0420373	-.001083	.0024203	1.042324	2.074032	4.796275
#2	5.505999	.0446810	.000406	.0005739	1.097931	2.079899	4.774836
#3	5.481183	.0606752	-.000076	.0008416	1.097465	2.136929	4.785348

Sample Name: K5658-03DUP Acquired: 11/5/2019 15:12:34 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30-SDUP Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3387472	.0726094	-.034092
Stddev	.0073265	.0021660	.000532
%RSD	2.162825	2.983076	1.561550

#1	.3455004	.0718987	-.033683
#2	.3309577	.0708880	-.033900
#3	.3397834	.0750414	-.034694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.543	15080.05	4101.296	1007.004	1481.283
Stddev	1.310	1117.16	4.998	76.673	.858
%RSD	.0948502	7.408212	.1218719	7.613982	.0579399

#1	1383.055	15523.94	4106.412	1025.594	1481.451
#2	1380.752	13809.16	4096.424	922.745	1480.354
#3	1380.821	15907.04	4101.050	1072.672	1482.045

Sample Name: K5658-03LX5 Acquired: 11/5/2019 15:16:30 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035922	.0017548	.0183327	-.016925	-.001196	16.61864	.0549134
Stddev	.0011093	.0016573	.0016306	.005421	.001162	.43706	.0013953
%RSD	30.88077	94.43974	8.894259	32.03050	97.16341	2.629923	2.540879

#1	.0030919	.0033830	.0192580	-.019185	-.000309	16.12937	.0533166
#2	.0028212	.0018115	.0192901	-.010739	-.000767	16.75611	.0555263
#3	.0048636	.0000700	.0164500	-.020850	-.002510	16.97043	.0558973

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000622	-.001061	2.177854	.0123451	.0105507	.0168618	27.03328
Stddev	.000115	.000218	.038070	.0007242	.0002818	.0004028	.54959
%RSD	18.51377	20.57789	1.748045	5.866022	2.671377	2.388673	2.033024

#1	-.000749	-.001273	2.135877	.0125227	.0103921	.0164573	26.41946
#2	-.000591	-.000837	2.187540	.0115487	.0103839	.0168653	27.20066
#3	-.000525	-.001072	2.210145	.0129639	.0108761	.0172628	27.47973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6742191	3.580287	.0187278	.0011925	.5250018	.0306605	.0838315
Stddev	.0139993	.062387	.0019874	.0001656	.0081642	.0021475	.0005954
%RSD	2.076373	1.742514	10.61201	13.88780	1.555079	7.004214	.7102403

#1	.6589867	3.510145	.0210223	.0013572	.5161175	.0331296	.0833571
#2	.6771488	3.629580	.0176139	.0010260	.5267133	.0292271	.0836377
#3	.6865216	3.601135	.0175471	.0011944	.5321745	.0296248	.0844996

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.012793	.0060069	.0000991	.0000701	.2176551	.4516803	.9338450
Stddev	.044595	.0011833	.0005611	.0005257	.0049303	.0244528	.0073217
%RSD	4.403207	19.69870	566.3647	749.7609	2.265195	5.413733	.7840334

#1	.969095	.0046406	.0006734	.0004481	.2125694	.4454101	.9401855
#2	1.011051	.0066812	-.000448	.0002925	.2179822	.4786577	.9258317
#3	1.058235	.0066988	.000072	-.000530	.2224137	.4309733	.9355178

Sample Name: K5658-03LX5 Acquired: 11/5/2019 15:16:30 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0621831	.0141090	-.005789
Stddev	.0071367	.0007443	.000112
%RSD	11.47694	5.274990	1.941563

#1	.0563311	.0138058	-.005690
#2	.0600843	.0135641	-.005911
#3	.0701339	.0149569	-.005764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.639	14644.13	3848.962	973.4034	1460.633
Stddev	3.715	33.46	21.083	2.9411	4.376
%RSD	.2856373	.2284641	.5477527	.3021410	.2995817

#1	1296.591	14626.89	3871.679	975.7831	1455.680
#2	1301.430	14622.80	3845.182	974.3119	1462.241
#3	1303.894	14682.69	3830.025	970.1153	1463.976

Sample Name: K5658-03MS Acquired: 11/5/2019 15:20:31 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30-SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6784997	1.812043	.9881974	1.570684	.2133871	89.61605	.4706666
Stddev	.0052568	.000688	.0068509	.003079	.0024349	3.10183	.0143145
%RSD	.7747654	.0379827	.6932718	.1960008	1.141090	3.461239	3.041329

#1	.6845141	1.812808	.9903682	1.573085	.2144390	86.03481	.4542139
#2	.6747825	1.811473	.9805241	1.571753	.2106030	91.35841	.4775190
#3	.6762024	1.811849	.9936999	1.567213	.2151192	91.45494	.4802669

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1767485	.1874099	13.85176	.4121202	.2328229	.3784718	127.9648
Stddev	.0033697	.0003261	.49616	.0027005	.0014977	.0006615	2.4613
%RSD	1.906471	.1740083	3.581906	.6552624	.6433022	.1747853	1.923420

#1	.1728610	.1875579	13.27972	.4091406	.2344772	.3786286	125.2765
#2	.1785491	.1870360	14.11041	.4128135	.2324322	.3777460	128.5104
#3	.1788353	.1876358	14.16516	.4144064	.2315592	.3790409	130.1075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.263584	19.93171	.5527036	.0724491	5.621696	.3836286	.5462530
Stddev	.099481	.69688	.0028327	.0006516	.121939	.0126002	.0022595
%RSD	3.048218	3.496319	.5125102	.8993514	2.169084	3.284469	.4136441

#1	3.148833	19.14002	.5551138	.0716976	5.481008	.3730514	.5480265
#2	3.316412	20.45229	.5534136	.0727933	5.687091	.3802651	.5470236
#3	3.325507	20.20282	.5495835	.0728563	5.696988	.3975691	.5437090

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68299	.2630761	.3331124	.6024790	1.190986	2.251184	9.765114
Stddev	.31245	.0077388	.0010146	.0005412	.038318	.040715	.023488
%RSD	2.127993	2.941649	.3045876	.0898230	3.217323	1.808590	.2405263

#1	14.32284	.2562735	.3329093	.6024488	1.146761	2.210731	9.790935
#2	14.88177	.2614593	.3322146	.6030346	1.211929	2.250666	9.745017
#3	14.84434	.2714956	.3342131	.6019535	1.214269	2.292155	9.759391

Sample Name: K5658-03MS Acquired: 11/5/2019 15:20:31 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-30-SMS Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3594395	.2570648	.1689090
Stddev	.0025542	.0087077	.0060630
%RSD	.7106177	3.387364	3.589502

#1	.3565953	.2470458	.1619100
#2	.3601854	.2613394	.1722634
#3	.3615377	.2628091	.1725535

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.822	15434.43	4022.769	1033.958	1458.416
Stddev	3.818	68.81	56.894	5.825	3.801
%RSD	.2799525	.4458401	1.414303	.5633894	.2606376

#1	1359.727	15369.56	4088.285	1027.912	1454.444
#2	1367.284	15506.61	3985.803	1039.535	1462.020
#3	1364.454	15427.13	3994.218	1034.426	1458.784

Sample Name: CCV02 Acquired: 11/5/2019 15:24:21 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.048338	5.035361	5.007096	5.092776	5.061754	10.02696	10.06426
Stddev	.021966	.011599	.012733	.006362	.013585	.41006	.39024
%RSD	.4351218	.2303577	.2543061	.1249310	.2683771	4.089598	3.877507

#1	5.054164	5.043303	5.019432	5.094601	5.051165	9.55440	9.61385
#2	5.066805	5.040730	5.007855	5.098027	5.077071	10.23739	10.27781
#3	5.024047	5.022050	4.994000	5.085701	5.057026	10.28908	10.30112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528967	2.546292	24.82333	1.015217	2.501045	1.350230	5.048766
Stddev	.0044351	.005040	.96822	.004852	.006597	.005823	.142418
%RSD	1.753730	.1979240	3.900426	.4779130	.2637572	.4312936	2.820853

#1	.2478386	2.540705	23.70945	1.020798	2.501552	1.355177	4.892325
#2	.2561200	2.547677	25.29733	1.012003	2.507374	1.351701	5.083081
#3	.2547316	2.550495	25.46323	1.012850	2.494210	1.343812	5.170892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.533188	24.92387	2.503925	1.273164	24.80279	2.487753	2.587505
Stddev	.108038	1.19573	.007122	.002056	.64666	.097085	.010990
%RSD	4.264886	4.797546	.2844520	.1615224	2.607225	3.902523	.4247505

#1	2.408773	23.56396	2.503761	1.273220	24.07000	2.376661	2.575426
#2	2.587461	25.39706	2.511127	1.271080	25.04489	2.530280	2.590172
#3	2.603328	25.81060	2.496885	1.275192	25.29346	2.556317	2.596916

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.26344	5.055928	5.036850	4.997320	5.079906	5.030457	5.007100
Stddev	.76412	.098922	.020402	.005930	.208943	.146942	.006892
%RSD	3.024614	1.956564	.4050624	.1186628	4.113121	2.921047	.1376522

#1	24.41925	4.942292	5.013315	4.991613	4.838850	4.874343	5.013512
#2	25.46330	5.122793	5.047685	4.996895	5.191701	5.050954	5.007978
#3	25.90777	5.102698	5.049548	5.003451	5.209166	5.166075	4.999811

Sample Name: CCV02 Acquired: 11/5/2019 15:24:21 Type: Unk
 Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.977942	4.966872	4.975078
Stddev	.017909	.197572	.190483
%RSD	.3597639	3.977798	3.828736

#1	4.998168	4.739011	4.755282
#2	4.971555	5.071101	5.077834
#3	4.964101	5.090505	5.092117

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1244.429	14064.59	3723.281	920.4443	1379.942
Stddev	3.615	45.99	57.568	1.8315	1.846
%RSD	.2904955	.3269772	1.546168	.1989759	.1337907

#1	1248.521	14012.54	3788.275	918.3415	1381.962
#2	1241.667	14081.52	3678.703	921.3006	1378.342
#3	1243.100	14099.71	3702.866	921.6907	1379.522

Sample Name: CCB02 Acquired: 11/5/2019 15:28:04 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003486	.0014804	.0014165	-.002501	.0005154	.0049647	-.001371
Stddev	.002662	.0030428	.0022131	.005584	.0035814	.0027180	.000408
%RSD	76.35424	205.5316	156.2352	223.3033	694.8593	54.74710	29.73011

#1	-.006558	-.000021	-.000640	-.005853	-.001787	.0022384	-.001766
#2	-.001900	-.000520	.003759	.003946	-.001308	.0076743	-.001396
#3	-.001999	.004982	.001130	-.005595	.004642	.0049815	-.000952

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001393	-.000113	.0048088	-.000012	-.000109	-.000269	-.008241
Stddev	.0001314	.000331	.0137112	.000942	.000247	.000168	.006771
%RSD	94.36110	291.9593	285.1299	7799.120	226.4759	62.31192	82.16397

#1	-.000012	-.000475	.0077735	-.000289	.000042	-.000083	-.003757
#2	.000211	-.000038	-.010142	-.000785	-.000393	-.000408	-.016029
#3	.000219	.000173	.016795	.001038	.000024	-.000316	-.004936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000287	.0046984	-.000365	.0000081	-.017365	.0033300	.0004298
Stddev	.000817	.0104794	.000558	.0003385	.013229	.0024725	.0006646
%RSD	284.9048	223.0410	152.6889	4195.256	76.18143	74.25021	154.6139

#1	.000482	-.007283	-.000179	-.000038	-.032641	.0045731	.0011290
#2	-.001144	.009226	-.000993	.000367	-.009817	.0004826	.0003543
#3	-.000197	.012153	.000076	-.000305	-.009639	.0049342	-.000194

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008953	.0053830	.0011954	.0004061	-.001013	.0098631	.0012019
Stddev	.051554	.0009838	.0007001	.0009812	.001050	.0124952	.0022005
%RSD	575.8025	18.27562	58.56276	241.6438	103.6708	126.6873	183.0797

#1	.012613	.0050626	.0019540	.0015349	-.001704	.0234085	-.001161
#2	.028315	.0045994	.0010578	-.000074	.000196	.0073941	.003192
#3	-.067788	.0064871	.0005743	-.000243	-.001531	-.001213	.001575

Sample Name: CCB02 Acquired: 11/5/2019 15:28:04 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019707	-.000445	.0001551
Stddev	.0015441	.000778	.0000574
%RSD	78.35309	174.9658	37.01134

#1	.0011943	.000395	.0001751
#2	.0009688	-.001142	.0001998
#3	.0037489	-.000587	.0000904

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.912	14225.10	3671.737	944.5253	1452.437
Stddev	11.815	15.08	24.262	7.5505	15.191
%RSD	.9230936	.1060046	.6607865	.7993945	1.045867

#1	1266.293	14241.20	3673.170	938.0642	1434.900
#2	1287.426	14211.31	3646.790	952.8254	1460.901
#3	1286.015	14222.78	3695.251	942.6863	1461.510

Sample Name: K5658-03A Acquired: 11/5/2019 15:36:00 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6867779	1.865553	1.007964	1.596309	.2193104	90.69026	.4770689
Stddev	.0032374	.017178	.005883	.002442	.0025815	.94241	.0043838
%RSD	.4713961	.9208173	.5836643	.1529602	1.177109	1.039148	.9188977

#1	.6871666	1.848378	1.002646	1.594025	.2174370	89.66574	.4727112
#2	.6898035	1.865547	1.006963	1.596021	.2182391	90.88487	.4770171
#3	.6833637	1.882735	1.014284	1.598882	.2222551	91.52016	.4814783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1765247	.1916716	13.75690	.4209759	.2356401	.3800777	129.8802
Stddev	.0009350	.0001763	.11633	.0083830	.0009824	.0008168	2.4639
%RSD	.5296996	.0919573	.8456481	1.991332	.4168847	.2148971	1.897087

#1	.1775433	.1915766	13.62261	.4186502	.2345567	.3809921	127.0922
#2	.1763255	.1918750	13.82119	.4302763	.2358909	.3798205	130.7829
#3	.1757054	.1915632	13.82690	.4140013	.2364728	.3794205	131.7655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.311280	20.12697	.5542359	.0750268	5.739175	.3909764	.5105260
Stddev	.032953	.31868	.0025265	.0011554	.104829	.0043812	.0019502
%RSD	.9951828	1.583364	.4558482	1.539994	1.826554	1.120575	.3820036

#1	3.277987	19.82433	.5543052	.0740808	5.628649	.3871480	.5114456
#2	3.311969	20.09700	.5516755	.0763145	5.751694	.3957546	.5118465
#3	3.343883	20.45958	.5567270	.0746851	5.837183	.3900266	.5082861

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13823	.2799878	.3404862	.6115862	1.217980	2.481024	9.936607
Stddev	.39995	.0124602	.0005153	.0044936	.032165	.029765	.031188
%RSD	2.641995	4.450273	.1513425	.7347410	2.640842	1.199715	.3138736

#1	14.67873	.2660193	.3410320	.6075358	1.180993	2.448183	9.908230
#2	15.40804	.2839858	.3404185	.6108028	1.233551	2.506223	9.931591
#3	15.32792	.2899583	.3400081	.6164200	1.239396	2.488668	9.969999

Sample Name: K5658-03A Acquired: 11/5/2019 15:36:00 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3571852	.2602791	.1704350
Stddev	.0045828	.0062758	.0009785
%RSD	1.283024	2.411163	.5741491

#1	.3524511	.2530338	.1694092
#2	.3615999	.2637837	.1705377
#3	.3575047	.2640199	.1713582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.530	15395.27	4063.987	1026.102	1461.938
Stddev	.417	238.47	36.798	4.840	5.223
%RSD	.0304157	1.548996	.9054750	.4716771	.3572838

#1	1370.718	15464.87	4021.520	1022.648	1466.192
#2	1370.821	15129.74	4083.993	1024.024	1463.514
#3	1370.053	15591.20	4086.449	1031.634	1456.108

Sample Name: K5658-04 Acquired: 11/5/2019 15:39:53 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001514	-.005284	.0036158	.0016791	-.000005	.0217469	.1136755
Stddev	.003269	.004141	.0030294	.0030000	.001649	.0160802	.0021572
%RSD	215.8827	78.37603	83.78100	178.6664	30034.21	73.94259	1.897680

#1	.001432	-.002858	.0002224	.0050645	.001785	.0037862	.1112193
#2	-.005031	-.002928	.0060479	-.000649	-.000340	.0266489	.1145448
#3	-.000944	-.010066	.0045771	.000622	-.001461	.0348055	.1152624

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000253	-.000473	2.133937	-.000797	.0001474	.0007053	.0006148
Stddev	.0001932	.000169	.037372	.000979	.0003368	.0004832	.0111900
%RSD	763.7958	35.82463	1.751307	122.8436	228.5430	68.50822	1820.187

#1	.0002280	-.000292	2.091089	-.001833	.0004211	.0008743	.0116460
#2	.0000047	-.000499	2.159799	.000112	-.000229	.0010811	.0009258
#3	-.000157	-.000628	2.150922	-.000668	.000250	.0001603	-.010727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055318	.1797553	.0000656	-.000170	111.8139	.0028608	.0788131
Stddev	.0002630	.0045631	.0006882	.000650	1.8329	.0025971	.0009491
%RSD	4.754529	2.538513	1048.771	382.8804	1.639279	90.78076	1.204212

#1	.0052528	.1817948	-.000466	.000531	109.7702	.0011590	.0798692
#2	.0055673	.1745281	-.000180	-.000753	112.3592	.0015734	.0780314
#3	.0057752	.1829429	.000843	-.000288	113.3124	.0058500	.0785388

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2962645	.0248386	.0002883	-.001485	.0008618	.1161254	.0046166
Stddev	.0154593	.0008942	.0005399	.000248	.0005083	.0093603	.0023540
%RSD	5.218064	3.599860	187.2534	16.70010	58.97554	8.060491	50.98943

#1	.2797453	.0243779	-.000136	-.001639	.0013751	.1153943	.0067253
#2	.3103829	.0242687	.000105	-.001617	.0003588	.1071521	.0050475
#3	.2986655	.0258691	.000896	-.001199	.0008516	.1258298	.0020769

Sample Name: K5658-04 Acquired: 11/5/2019 15:39:53 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3726793	.0004539	.0261560
Stddev	.0056079	.0009902	.0005543
%RSD	1.504764	218.1449	2.119153

#1	.3725999	-.000243	.0255992
#2	.3671115	.000018	.0261611
#3	.3783265	.001587	.0267077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.889	13965.30	3706.745	927.8612	1400.900
Stddev	.247	34.40	14.734	1.2454	2.058
%RSD	.0198627	.2463093	.3975031	.1342245	.1468897

#1	1242.146	13926.62	3689.981	929.2323	1402.690
#2	1241.654	13976.83	3717.640	926.8000	1398.652
#3	1241.868	13992.45	3712.615	927.5513	1401.357

Sample Name: K5658-08 Acquired: 11/5/2019 15:43:56 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001811	-.005673	-.000104	.0004175	.0018754	.0313128	.1373897
Stddev	.003098	.004742	.000647	.0008295	.0013744	.0080989	.0029099
%RSD	171.0629	83.57938	623.4710	198.7014	73.29003	25.86455	2.117997

#1	-.002927	-.010041	-.000631	.0001687	.0005386	.0227828	.1340658
#2	.001690	-.000630	-.000298	.0013429	.0018028	.0322577	.1386261
#3	-.004197	-.006349	.000618	-.000259	.0032846	.0388977	.1394773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001369	-.000140	3.242149	-.000370	.0000397	.0010539	.0015137
Stddev	.0001618	.000132	.057534	.001296	.0004522	.0002514	.0069141
%RSD	118.1604	93.99573	1.774558	350.5707	1139.248	23.85738	456.7680

#1	.0001922	-.000254	3.175909	-.001392	-.000231	.0010327	-.000241
#2	-.000045	.000004	3.270873	-.000806	-.000212	.0013153	-.004354
#3	.000264	-.000170	3.279665	.001088	.000562	.0008138	.009136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043858	.3004029	.0003670	.0006749	136.8537	.0016768	.0671177
Stddev	.0001705	.0154223	.0011815	.0005864	2.4844	.0024945	.0029933
%RSD	3.887599	5.133867	321.8921	86.88059	1.815391	148.7698	4.459731

#1	.0044316	.2885397	.0001666	.0013206	134.2359	.0001332	.0699766
#2	.0045287	.3178365	.0016359	.0001756	137.1466	.0045547	.0673705
#3	.0041970	.2948326	-.000701	.0005284	139.1788	.0003424	.0640061

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1440329	.0214833	-.000083	-.003059	-.001663	.1589772	.0065469
Stddev	.0041941	.0007794	.000279	.000594	.002513	.0117052	.0003717
%RSD	2.911887	3.627950	337.5523	19.41762	151.1245	7.362790	5.677751

#1	.1411324	.0216248	.000221	-.002632	-.002668	.1644490	.0069657
#2	.1488418	.0206429	-.000329	-.002807	.001197	.1455383	.0062560
#3	.1421245	.0221824	-.000140	-.003737	-.003518	.1669444	.0064189

Sample Name: K5658-08 Acquired: 11/5/2019 15:43:56 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2352242	-.000063	.0089743
Stddev	.0035513	.000950	.0002212
%RSD	1.509730	1511.701	2.464884

#1	.2311278	-.001075	.0087489
#2	.2371109	.000074	.0089829
#3	.2374338	.000812	.0091910

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1244.406	13850.85	3696.259	923.7417	1396.551
Stddev	2.717	405.99	26.314	29.2314	4.292
%RSD	.2183607	2.931131	.7118958	3.164455	.3073604

#1	1243.298	13382.77	3723.514	890.1322	1397.164
#2	1247.502	14107.24	3671.001	943.2431	1400.503
#3	1242.418	14062.54	3694.262	937.8499	1391.985

Sample Name: PB124535BL Acquired: 11/5/2019 15:47:58 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	-.004014	-.000686	-.000033	-.004334	-.000676	.0086348	-.000507
Stddev	.001706	.001073	.000933	.002664	.001583	.0209637	.000335
%RSD	42.50787	156.2709	2792.574	61.47467	234.3317	242.7810	65.99017

#1	-.002329	.000552	-.000245	-.005086	.000634	.0304231	-.000453
#2	-.003974	-.001335	.000987	-.001375	-.000225	.0068746	-.000203
#3	-.005741	-.001276	-.000843	-.006542	-.002435	-.011393	-.000866

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001155	-.000033	-.010409	-.000749	.0001558	-.000562	-.003289
Stddev	.0000751	.000097	.010983	.000270	.0001250	.000510	.003303
%RSD	65.01537	295.2829	105.5183	35.99383	80.22697	90.80717	100.4223

#1	.0001958	-.000009	-.016255	-.000976	.0002749	-.000005	.000524
#2	.0001036	-.000140	-.017231	-.000451	.0000256	-.001007	-.005272
#3	.0000471	.000050	.002261	-.000821	.0001670	-.000673	-.005120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005562	.0007735	.0001968	.0001025	-.006700	.0050053	.0002911
Stddev	.0001833	.0446790	.0008422	.0008682	.014570	.0002495	.0005189
%RSD	32.95150	5776.410	427.8518	846.7116	217.4517	4.985125	178.2612

#1	.0004599	-.028825	.0009218	.0011048	-.013141	.0052752	.0008295
#2	.0007675	.052167	.0003958	-.000416	-.016940	.0047830	-.000206
#3	.0004410	-.021022	-.000727	-.000381	.009980	.0049577	.000250

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.036242	-.000233	-.000101	-.001045	-.002509	-.001063	-.001492
Stddev	.041340	.000806	.000196	.001617	.002886	.013524	.001073
%RSD	114.0654	346.2535	193.8225	154.6920	115.0424	1272.272	71.92593

#1	-.075755	.000660	.000096	-.002862	.000011	-.009771	-.000826
#2	-.039683	-.000453	-.000103	-.000512	-.005658	-.007935	-.000920
#3	.006710	-.000906	-.000296	.000238	-.001880	.014517	-.002730

Sample Name: PB124535BL Acquired: 11/5/2019 15:47:58 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009493	.0006351	-.000019
Stddev	.0070584	.0017583	.000130
%RSD	743.5116	276.8752	703.0561

#1	.0077573	-.001227	-.000155
#2	.0014259	.000865	-.000005
#3	-.006335	.002267	.000104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.753	14257.61	3654.886	953.0974	1438.327
Stddev	6.968	6.32	15.309	14.0979	3.972
%RSD	.5474814	.0443462	.4188564	1.479172	.2761327

#1	1271.863	14257.98	3637.653	944.7515	1437.356
#2	1280.124	14251.12	3660.093	945.1660	1442.694
#3	1266.273	14263.75	3666.913	969.3745	1434.930

Sample Name: PB124535BS Acquired: 11/5/2019 15:51:59 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7954638	2.024239	.9804215	2.057659	.8007790	2.046476	.2091664
Stddev	.0057488	.007390	.0018487	.001638	.0039676	.059931	.0060814
%RSD	.7226991	.3650874	.1885621	.0796183	.4954681	2.928502	2.907422
#1	.7889377	2.018556	.9788934	2.055834	.7981732	1.977650	.2021678
#2	.7976750	2.021568	.9798946	2.059002	.7988185	2.087136	.2121690
#3	.7997788	2.032594	.9824764	2.058142	.8053452	2.074642	.2131625
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2082296	.2137913	1.045588	.4145966	.1978090	.3206314	3.134411
Stddev	.0029985	.0006619	.037488	.0016950	.0005737	.0018229	.071261
%RSD	1.440002	.3096101	3.585321	.4088228	.2900117	.5685473	2.273512
#1	.2047964	.2130698	1.002695	.4152955	.1971667	.3194882	3.059660
#2	.2103344	.2143704	1.061987	.4126639	.1979898	.3196725	3.141997
#3	.2095581	.2139339	1.072081	.4158303	.1982705	.3227337	3.201575
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2110157	2.088203	.4983840	.0756548	3.038494	.3069041	.2151109
Stddev	.0061153	.085113	.0015530	.0003622	.061973	.0108050	.0008455
%RSD	2.898040	4.075914	.3116102	.4787394	2.039610	3.520655	.3930651
#1	.2042103	1.993099	.4966892	.0752764	2.976730	.2963198	.2152879
#2	.2127868	2.114290	.4987239	.0756899	3.038079	.3064755	.2158539
#3	.2160500	2.157220	.4997389	.0759982	3.100675	.3179171	.2141909
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19551	.3112347	.4097343	.6986086	.2056567	.9632554	5.742435
Stddev	.20127	.0077148	.0005280	.0049977	.0060341	.0237163	.016222
%RSD	1.974108	2.478781	.1288673	.7153766	2.934059	2.462095	.2824949
#1	9.97886	.3039776	.4092419	.6941627	.1988348	.9727781	5.740662
#2	10.23100	.3193375	.4102919	.6976453	.2078401	.9807304	5.727173
#3	10.37668	.3103889	.4096692	.7040178	.2102951	.9362579	5.759471

Sample Name: PB124535BS Acquired: 11/5/2019 15:51:59 Type: Unk
 Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004879	.2045781	.2031551
Stddev	.009297	.0075030	.0060822
%RSD	190.5483	3.667540	2.993886

#1	-.013533	.1959225	.1961426
#2	.004950	.2092300	.2063267
#3	-.006055	.2085818	.2069961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.316	14346.33	3706.694	952.8990	1445.432
Stddev	1.338	48.49	51.020	8.2630	1.934
%RSD	.1054765	.3380114	1.376424	.8671382	.1337998

#1	1267.097	14331.95	3763.553	944.9071	1444.173
#2	1269.747	14400.38	3664.912	961.4087	1447.659
#3	1268.104	14306.65	3691.616	952.3811	1444.464

Sample Name: K5612-01 Acquired: 11/5/2019 15:55:54 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006113	-.002349	.0167026	.0029858	.0116553	2.121810	.2316158
Stddev	.003304	.004100	.0052167	.0017524	.0009069	.008640	.0013271
%RSD	54.05212	174.5499	31.23274	58.69059	7.781329	.4071905	.5729618

#1	-.005461	-.005832	.0179915	.0020930	.0124802	2.112712	.2301742
#2	-.003184	.002169	.0211541	.0018596	.0106841	2.122814	.2318869
#3	-.009696	-.003383	.0109623	.0050047	.0118015	2.129904	.2327865

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001519	-.001186	27.58204	-.000611	.0019987	.0211843	35.65277
Stddev	.000179	.000155	.31778	.000512	.0004862	.0011191	.45821
%RSD	11.81119	13.09391	1.152141	83.74334	24.32679	5.282792	1.285196

#1	-.001411	-.001059	27.21684	-.001146	.0016925	.0210797	35.13244
#2	-.001726	-.001359	27.79555	-.000125	.0017442	.0201212	35.99596
#3	-.001419	-.001140	27.73373	-.000563	.0025593	.0223521	35.82993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4653875	2.942300	-.000036	.0014108	11.76416	.0087772	.2472166
Stddev	.0058584	.031731	.000553	.0004356	.08053	.0038105	.0009630
%RSD	1.258819	1.078455	1517.201	30.87318	.6845201	43.41325	.3895199

#1	.4586236	2.906623	.000561	.0013259	11.67578	.0053799	.2465355
#2	.4686843	2.967367	-.000139	.0018826	11.83338	.0080545	.2483183
#3	.4688547	2.952908	-.000531	.0010240	11.78331	.0128973	.2467961

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.849024	.2137785	.2568715	-.002071	.0551339	5.208940	.4206698
Stddev	.168263	.0032789	.0014503	.001835	.0012869	.059132	.0007610
%RSD	1.708422	1.533804	.5645992	88.61416	2.334135	1.135203	.1809084

#1	9.658759	.2103021	.2577874	-.004150	.0541045	5.141627	.4199865
#2	9.978242	.2168158	.2551994	-.000678	.0547205	5.232679	.4214900
#3	9.910070	.2142174	.2576277	-.001384	.0565767	5.252514	.4205330

Sample Name: K5612-01 Acquired: 11/5/2019 15:55:54 Type: Unk
 Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.207976	.0044043	.0754813
Stddev	.008518	.0008355	.0003643
%RSD	.1635563	18.96922	.4826888

#1	5.217574	.0044295	.0751539
#2	5.201314	.0052270	.0754163
#3	5.205041	.0035566	.0758738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.529	13873.13	3708.748	903.4423	1405.435
Stddev	11.577	36.85	10.982	6.4970	13.119
%RSD	.9516244	.2655862	.2961154	.7191436	.9334643

#1	1210.206	13831.79	3696.076	896.0086	1396.909
#2	1209.490	13902.50	3714.679	906.2841	1398.855
#3	1229.890	13885.11	3715.490	908.0344	1420.543

Sample Name: K5612-01DUP Acquired: 11/5/2019 15:59:55 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: DRUM-COMPDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007236	-.003456	.0169881	-.000205	.0106124	2.106369	.2276895
Stddev	.005563	.001969	.0014966	.002218	.0009681	.036916	.0037227
%RSD	76.88564	56.96800	8.809723	1084.349	9.122124	1.752591	1.634977

#1	-.013635	-.005348	.0161238	.000790	.0095474	2.063783	.2237963
#2	-.004519	-.001418	.0187162	.001342	.0114391	2.129271	.2312142
#3	-.003553	-.003604	.0161243	-.002745	.0108505	2.126054	.2280581

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001571	-.001000	27.32464	-.000329	.0018812	.0205068	35.05035
Stddev	.000267	.000114	.43421	.000075	.0003908	.0002377	.70796
%RSD	16.99191	11.41537	1.589065	22.84533	20.77580	1.158890	2.019837

#1	-.001866	-.001050	26.82355	-.000246	.0014605	.0207625	34.27319
#2	-.001502	-.000869	27.56024	-.000392	.0022330	.0204651	35.21932
#3	-.001346	-.001080	27.59012	-.000349	.0019502	.0202927	35.65854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4587459	2.966493	.0014772	.0015643	11.58488	.0104134	.2459345
Stddev	.0066427	.095071	.0010698	.0004568	.19512	.0009489	.0012959
%RSD	1.448009	3.204844	72.41799	29.19783	1.684232	9.111947	.5269104

#1	.4510948	2.858315	.0024630	.0020904	11.36660	.0110635	.2474303
#2	.4621008	3.004409	.0003397	.0012691	11.64568	.0093246	.2451509
#3	.4630420	3.036757	.0016289	.0013335	11.74235	.0108522	.2452224

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.730010	.2150660	.2540101	-.000869	.0564142	5.228345	.4179850
Stddev	.207241	.0013428	.0001114	.002052	.0025156	.153755	.0033996
%RSD	2.129920	.6243434	.0438637	236.2784	4.459170	2.940790	.8133328

#1	9.495795	.2136562	.2538896	-.002928	.0562305	5.065536	.4206501
#2	9.804611	.2163298	.2541093	-.000854	.0539955	5.248426	.4191486
#3	9.889623	.2152119	.2540314	.001176	.0590167	5.371072	.4141564

Sample Name: K5612-01DUP Acquired: 11/5/2019 15:59:55 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: DRUM-COMPDUP Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.176587	.0038207	.0738930
Stddev	.019228	.0008402	.0004590
%RSD	.3714488	21.99076	.6211672

#1	5.191323	.0047082	.0733828
#2	5.154836	.0037165	.0742724
#3	5.183602	.0030375	.0740240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.214	13922.97	3695.635	912.1521	1408.578
Stddev	3.335	30.10	18.976	8.1117	3.064
%RSD	.2724568	.2161805	.5134682	.8892943	.2175184

#1	1220.812	13889.49	3679.005	903.7198	1405.528
#2	1224.351	13947.80	3691.594	919.8999	1408.552
#3	1227.479	13931.60	3716.306	912.8366	1411.655

Sample Name: K5612-01LX5 Acquired: 11/5/2019 16:03:55 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003842	.0002162	.0027599	-.003993	.0043926	.4252704	.0453349
Stddev	.001465	.0041148	.0012005	.003552	.0003441	.0124892	.0012917
%RSD	38.13173	1903.203	43.49887	88.96529	7.834655	2.936774	2.849143

#1	-.004213	.0049527	.0034568	-.005619	.0045378	.4313444	.0439525
#2	-.005085	-.002477	.0013736	-.006441	.0046403	.4109059	.0455411
#3	-.002227	-.001827	.0034492	.000081	.0039997	.4335608	.0465110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000361	-.000417	5.558114	-.001528	.0004089	.0042610	7.228061
Stddev	.000147	.000067	.070396	.000224	.0006404	.0007073	.137366
%RSD	40.87808	16.05599	1.266539	14.67471	156.6088	16.60031	1.900457

#1	-.000531	-.000370	5.481432	-.001339	.0000387	.0034878	7.081092
#2	-.000275	-.000387	5.573099	-.001776	.0011483	.0044195	7.249878
#3	-.000276	-.000493	5.619810	-.001468	.0000397	.0048755	7.353214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929316	.6415882	.0006749	.0008776	2.325832	.0054114	.0529900
Stddev	.0009719	.0446738	.0008513	.0004414	.042596	.0057905	.0011121
%RSD	1.045878	6.963006	126.1241	50.29570	1.831439	107.0057	2.098761

#1	.0918220	.6871656	.0015494	.0012492	2.278650	.0104553	.0517437
#2	.0933406	.5978764	.0006264	.0009940	2.337387	-.000912	.0538814
#3	.0936322	.6397226	-.000151	.0003897	2.361458	.006691	.0533448

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.904660	.0416741	.0498232	-.002063	.0095091	1.063547	.0893678
Stddev	.034514	.0014157	.0002910	.000476	.0021383	.021959	.0033411
%RSD	1.812098	3.397170	.5840223	23.06696	22.48633	2.064669	3.738557

#1	1.875769	.0429142	.0496733	-.002425	.0104542	1.043167	.0904916
#2	1.895330	.0419763	.0496377	-.002241	.0110120	1.086802	.0920022
#3	1.942880	.0401316	.0501585	-.001524	.0070612	1.060673	.0856098

Sample Name: K5612-01LX5 Acquired: 11/5/2019 16:03:55 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.074456	-.000667	.0143963
Stddev	.006849	.001211	.0001883
%RSD	.6374179	181.6520	1.308171

#1	1.066569	-.001804	.0141809
#2	1.077892	.000607	.0145300
#3	1.078906	-.000803	.0144779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.947	14336.38	3734.962	950.2290	1440.355
Stddev	4.537	29.12	25.682	6.1760	4.523
%RSD	.3572489	.2031050	.6876235	.6499482	.3140068

#1	1273.667	14350.40	3712.835	948.9107	1442.763
#2	1264.892	14355.84	3728.927	956.9578	1435.137
#3	1271.282	14302.90	3763.125	944.8187	1443.163

Sample Name: K5612-01MS Acquired: 11/5/2019 16:07:58 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: DRUM-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7317693	1.883866	.9282261	1.785025	.7665528	4.726526	.4112933
Stddev	.0101549	.001645	.0031894	.008279	.0072772	.016273	.0005476
%RSD	1.387725	.0873326	.3435966	.4637972	.9493432	.3442987	.1331394

#1	.7218207	1.884517	.9260673	1.794056	.7724705	4.735939	.4118002
#2	.7313684	1.885086	.9267214	1.777795	.7584274	4.707735	.4107125
#3	.7421187	1.881994	.9318894	1.783225	.7687607	4.735904	.4113672

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1867375	.1901205	25.90962	.3961380	.1880104	.3105265	33.91894
Stddev	.0021462	.0011402	.02956	.0028721	.0008450	.0016215	.49920
%RSD	1.149306	.5997198	.1140836	.7250223	.4494387	.5221693	1.471735

#1	.1891167	.1913484	25.93207	.3967937	.1879564	.3120314	33.37167
#2	.1861488	.1899180	25.87613	.3986256	.1888811	.3107388	34.03582
#3	.1849472	.1890952	25.92066	.3929948	.1871937	.3088093	34.34933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6168769	4.661181	.4695853	.0718519	13.53089	.3108966	.4126120
Stddev	.0025400	.040513	.0019801	.0012674	.23341	.0036523	.0031788
%RSD	.4117493	.8691639	.4216636	1.763905	1.724983	1.174773	.7704182

#1	.6144388	4.621870	.4715673	.0709034	13.33956	.3074718	.4094279
#2	.6166840	4.702798	.4695815	.0713611	13.46216	.3147403	.4126225
#3	.6195078	4.658874	.4676072	.0732913	13.79094	.3104778	.4157856

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.81800	.4879712	.6160480	.6610307	.2557058	6.797528	5.678507
Stddev	.39304	.0012901	.0016521	.0018779	.0019438	.128363	.004121
%RSD	2.088616	.2643878	.2681823	.2840859	.7601853	1.888377	.0725767

#1	18.37620	.4868781	.6179346	.6630820	.2542057	6.657941	5.683266
#2	18.94898	.4876412	.6153498	.6593963	.2550097	6.824152	5.676176
#3	19.12882	.4893942	.6148596	.6606136	.2579018	6.910491	5.676081

Sample Name: K5612-01MS Acquired: 11/5/2019 16:07:58 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: DRUM-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.642730	.2066367	.2709637
Stddev	.016830	.0013060	.0011771
%RSD	.3625083	.6320310	.4344090

#1	4.660405	.2063799	.2696978
#2	4.626895	.2054781	.2711681
#3	4.640889	.2080520	.2720252

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1235.211	14028.66	3661.555	913.6575	1417.707
Stddev	4.565	3.34	41.034	2.3703	5.646
%RSD	.3695385	.0238125	1.120666	.2594302	.3982368

#1	1240.332	14030.10	3614.890	912.3530	1424.040
#2	1233.732	14031.04	3677.774	912.2260	1415.879
#3	1231.570	14024.84	3692.000	916.3935	1413.200

Sample Name: CCV03 Acquired: 11/5/2019 16:11:51 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.058629	5.040906	5.008741	5.065068	5.065153	10.01094	10.01453
Stddev	.013281	.025221	.019416	.022972	.009173	.19424	.18413
%RSD	.2625415	.5003253	.3876482	.4535391	.1811069	1.940302	1.838659

#1	5.047361	5.016810	4.986436	5.046296	5.062840	9.78667	9.80202
#2	5.055255	5.038789	5.017926	5.058223	5.075262	10.12599	10.11486
#3	5.073272	5.067119	5.021860	5.090684	5.057358	10.12015	10.12671

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528191	2.556951	24.79618	1.018499	2.503703	1.325005	5.096486
Stddev	.0002401	.001942	.40674	.004398	.007820	.004212	.130642
%RSD	.0949475	.0759442	1.640328	.4318443	.3123512	.3179137	2.563380

#1	.2526004	2.554961	24.33914	1.013792	2.496887	1.325457	4.950278
#2	.2530759	2.557052	24.93105	1.019200	2.501980	1.328974	5.137419
#3	.2527811	2.558841	25.11835	1.022505	2.512241	1.320585	5.201760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.546290	25.10455	2.509610	1.276783	24.82498	2.493696	2.569795
Stddev	.069560	.60676	.009983	.003959	.45300	.065029	.006906
%RSD	2.731827	2.416946	.3977841	.3100985	1.824790	2.607745	.2687433

#1	2.466174	24.41836	2.500266	1.272570	24.30719	2.422001	2.577433
#2	2.581376	25.32509	2.508436	1.280427	25.01962	2.510213	2.567959
#3	2.591320	25.57019	2.520128	1.277352	25.14814	2.548874	2.563992

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.49883	5.050634	5.020483	5.014828	5.100201	5.111900	5.008550
Stddev	.73388	.014224	.024080	.015460	.134390	.121706	.017319
%RSD	2.878110	.2816380	.4796347	.3082858	2.634996	2.380837	.3457955

#1	24.67500	5.040191	5.003408	5.006049	4.945124	4.971416	4.990885
#2	25.73880	5.066835	5.010016	5.005757	5.172855	5.185401	5.009263
#3	26.08268	5.044875	5.048025	5.032679	5.182626	5.178883	5.025502

Sample Name: CCV03 Acquired: 11/5/2019 16:11:51 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.975253	4.952018	4.948902
Stddev	.020860	.089633	.089784
%RSD	.4192736	1.810034	1.814222

#1	4.974307	4.848527	4.845356
#2	4.954882	5.002608	4.996224
#3	4.996570	5.004919	5.005126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.765	14114.03	3728.570	934.6479	1387.749
Stddev	4.290	16.29	8.469	3.2263	7.407
%RSD	.3424207	.1154111	.2271407	.3451923	.5337267

#1	1256.231	14101.26	3724.499	930.9382	1392.723
#2	1254.096	14108.46	3722.904	936.2062	1391.286
#3	1247.967	14132.38	3738.306	936.7993	1379.236

Sample Name: CCB03 Acquired: 11/5/2019 16:15:35 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004573	.0009603	.0032059	-.008410	.0000969	.0059369	.0000960
Stddev	.002440	.0016065	.0030822	.005840	.0033896	.0133564	.0003903
%RSD	53.36314	167.2923	96.14257	69.44360	3497.233	224.9719	406.4261

#1	-.003688	.0021081	-.000348	-.013389	-.003414	.0210112	.0005426
#2	-.002698	-.000876	.004818	-.001982	.003351	.0012226	-.000074
#3	-.007332	.001648	.005148	-.009858	.000354	-.004423	-.000180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000452	.0164295	-.000080	.0000727	.0001276	-.005874
Stddev	.000069	.000123	.0151456	.000228	.0006901	.0004998	.003530
%RSD	582.0964	27.25047	92.18506	285.6955	949.5280	391.8102	60.10124

#1	-.000082	-.000329	.0274209	-.000245	.0006854	-.000086	-.006784
#2	-.000011	-.000451	.0227143	.000180	.0002076	-.000230	-.008860
#3	.000057	-.000576	-.000847	-.000174	-.000675	.000699	-.001978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	.0126712	.0001945	.0007328	-.024251	-.000492	.0003938
Stddev	.000789	.0237876	.0004686	.0007211	.001856	.004508	.0002512
%RSD	705.6605	187.7304	240.9958	98.40121	7.653160	916.0657	63.78948

#1	-.000246	-.014420	-.000278	.0015113	-.026141	-.002677	.0003841
#2	-.000825	.030140	.000660	.0005994	-.022431	-.003491	.0001476
#3	.000736	.022293	.000201	.0000878	-.024182	.004692	.0006497

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.048929	.0039470	.0010768	-.001670	-.000061	-.002083	.0000698
Stddev	.018259	.0009218	.0002971	.001502	.003229	.002660	.0022433
%RSD	37.31766	23.35502	27.59040	89.97089	5283.876	127.7306	3215.152

#1	-.069987	.0049430	.0014194	-.000823	-.003710	.000446	.0026339
#2	-.037503	.0037742	.0008914	-.003404	.001099	-.004858	-.000894
#3	-.039297	.0031239	.0009195	-.000782	.002428	-.001836	-.001530

Sample Name: CCB03 Acquired: 11/5/2019 16:15:35 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000811	-.001151	-.000074
Stddev	.003467	.002091	.000047
%RSD	427.2706	181.7064	63.00654

#1	.002890	-.003178	-.000119
#2	-.001343	.000999	-.000077
#3	-.003981	-.001274	-.000026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.076	14336.39	3718.149	954.4520	1442.544
Stddev	2.991	24.07	11.576	2.4378	3.355
%RSD	.2353153	.1678707	.3113318	.2554173	.2325999

#1	1269.482	14310.54	3705.929	956.0752	1438.806
#2	1269.220	14340.51	3719.570	951.6487	1445.296
#3	1274.526	14358.14	3728.949	955.6322	1443.529

Sample Name: K5612-01MSD Acquired: 11/5/2019 16:19:39 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: DRUM-COMPMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7446847	1.901274	.9346830	1.811104	.7801935	4.788020	.4133858
Stddev	.0081056	.005821	.0055391	.003451	.0057030	.115013	.0053562
%RSD	1.088457	.3061887	.5926201	.1905233	.7309771	2.402102	1.295690

#1	.7399558	1.899927	.9288058	1.808812	.7783725	4.655787	.4075727
#2	.7540440	1.896244	.9398070	1.809427	.7756234	4.864813	.4144635
#3	.7400543	1.907651	.9354362	1.815072	.7865847	4.843458	.4181212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1866042	.1915531	26.10112	.3955947	.1906506	.3135126	34.49302
Stddev	.0002861	.0004389	.50251	.0022717	.0009638	.0007521	.49090
%RSD	.1533355	.2291301	1.925230	.5742484	.5055443	.2398990	1.423175

#1	.1863970	.1918962	25.52955	.3955562	.1917356	.3130954	33.97559
#2	.1864850	.1910585	26.30033	.3978854	.1898937	.3130615	34.55127
#3	.1869307	.1917045	26.47347	.3933425	.1903224	.3143808	34.95218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6220157	4.687530	.4733466	.0726030	13.57541	.3121607	.4176485
Stddev	.0101441	.041342	.0014638	.0011527	.14979	.0025941	.0029664
%RSD	1.630846	.8819609	.3092457	1.587744	1.103363	.8310045	.7102667

#1	.6107655	4.641878	.4748159	.0716700	13.41552	.3091667	.4160296
#2	.6248160	4.722444	.4718883	.0722473	13.59825	.3137379	.4158438
#3	.6304654	4.698266	.4733357	.0738917	13.71247	.3135774	.4210722

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.06803	.4899091	.6259971	.6677861	.2604443	6.970953	5.718030
Stddev	.18566	.0026832	.0017859	.0016005	.0036069	.088220	.001475
%RSD	.9736947	.5476945	.2852970	.2396767	1.384920	1.265533	.0257894

#1	18.86264	.4903832	.6239892	.6661276	.2563565	6.870433	5.717775
#2	19.11749	.4870204	.6265938	.6679090	.2631794	7.006914	5.716700
#3	19.22395	.4923236	.6274083	.6693216	.2617969	7.035514	5.719616

Sample Name: K5612-01MSD Acquired: 11/5/2019 16:19:39 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: DRUM-COMPMSD Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.708670	.2064679	.2713260
Stddev	.018815	.0005247	.0020097
%RSD	.3995869	.2541511	.7407006

#1	4.687638	.2069415	.2690065
#2	4.723903	.2065583	.2725478
#3	4.714470	.2059038	.2724238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1230.328	14090.74	3706.955	918.6981	1414.091
Stddev	1.428	58.74	11.611	2.0995	3.265
%RSD	.1160743	.4169008	.3132193	.2285282	.2308846

#1	1229.133	14063.99	3716.970	916.5471	1410.553
#2	1229.942	14050.14	3694.228	918.8054	1414.731
#3	1231.910	14158.10	3709.667	920.7419	1416.988

Sample Name: K5612-01A Acquired: 11/5/2019 16:23:32 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7455079	1.892135	.9359185	1.794766	.7708757	4.745094	.4099238
Stddev	.0038799	.008365	.0027498	.002862	.0051242	.072184	.0052648
%RSD	.5204330	.4420971	.2938078	.1594787	.6647288	1.521230	1.284323

#1	.7411944	1.883214	.9389715	1.794810	.7758731	4.674340	.4056097
#2	.7487128	1.899802	.9336364	1.791882	.7711204	4.742313	.4083715
#3	.7466166	1.893389	.9351476	1.797606	.7656334	4.818627	.4157902

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1868370	.1898941	25.95190	.3967673	.1907454	.3112843	33.97986
Stddev	.0006942	.0003302	.39296	.0023452	.0004273	.0026763	.57981
%RSD	.3715655	.1738941	1.514175	.5910850	.2239917	.8597505	1.706340

#1	.1872647	.1895129	25.51493	.3942229	.1902694	.3082055	33.36026
#2	.1860360	.1900781	26.06449	.3972367	.1910958	.3130541	34.07001
#3	.1872103	.1900913	26.27626	.3988423	.1908709	.3125932	34.50932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6151650	4.710369	.4729435	.0716159	13.37150	.3081216	.4130213
Stddev	.0097152	.082198	.0007407	.0009389	.22260	.0051780	.0043342
%RSD	1.579288	1.745039	.1566104	1.311052	1.664744	1.680498	1.049381

#1	.6044885	4.615684	.4734020	.0722235	13.14233	.3028502	.4135258
#2	.6175207	4.752006	.4733395	.0705345	13.38527	.3083139	.4170811
#3	.6234857	4.763417	.4720890	.0720898	13.58690	.3132008	.4084569

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.82021	.4880893	.6205335	.6670124	.2561971	6.809165	5.706447
Stddev	.33574	.0050833	.0016262	.0021873	.0016870	.116497	.023579
%RSD	1.783921	1.041476	.2620641	.3279311	.6584581	1.710892	.4132043

#1	18.43951	.4879744	.6197835	.6647344	.2562498	6.685279	5.700269
#2	18.94719	.4830645	.6223993	.6690961	.2544845	6.825712	5.732500
#3	19.07394	.4932292	.6194177	.6672067	.2578571	6.916504	5.686572

Sample Name: K5612-01A Acquired: 11/5/2019 16:23:32 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.667863	.2055287	.2703808
Stddev	.008103	.0020032	.0027836
%RSD	.1735835	.9746626	1.029519

#1	4.666703	.2034950	.2677710
#2	4.676483	.2055911	.2700610
#3	4.660403	.2074999	.2733106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1227.410	14024.78	3678.545	920.6080	1407.216
Stddev	3.401	43.63	15.083	14.4509	4.395
%RSD	.2770476	.3110947	.4100252	1.569715	.3123338

#1	1223.507	14007.84	3662.604	917.6064	1403.822
#2	1228.984	13992.16	3692.591	907.8936	1405.645
#3	1229.738	14074.34	3680.439	936.3240	1412.180

Sample Name: K5623-02 Acquired: 11/5/2019 16:27:26 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PAT-TOTE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027484	-.016663	.5842592	.0082896	.0174149	27.46900
Stddev	.003976	.002740	.0013547	.0015612	.0007192	.35465
%RSD	14.46728	16.44377	.2318722	18.83325	4.129997	1.291102

#1	-.024302	-.015036	.5843498	.0098701	.0171607	27.17813
#2	-.026208	-.019827	.5828614	.0067484	.0182267	27.36477
#3	-.031941	-.015127	.5855663	.0082504	.0168573	27.86408

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3276976	-.000751	.0004393	62.53678	.0520104	.0269053
Stddev	.0042476	.000050	.0000586	.92898	.0002311	.0002870
%RSD	1.296189	6.636016	13.34452	1.485487	.4443729	1.066551

#1	.3238444	-.000753	.0005061	61.67708	.0520059	.0267304
#2	.3269961	-.000700	.0003961	62.41103	.0517815	.0272364
#3	.3322522	-.000800	.0004159	63.52222	.0522437	.0267490

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087615	44.64645	.9127524	13.92896	.0451356	.0005256
Stddev	.002111	.84705	.0116373	.30001	.0023009	.0004753
%RSD	.1940688	1.897231	1.274963	2.153826	5.097761	90.41916

#1	1.087541	43.73512	.9016554	13.60908	.0446655	.0009403
#2	1.089762	44.79455	.9117382	13.97377	.0476353	.0006296
#3	1.085543	45.40967	.9248635	14.20405	.0431061	.0000070

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.15928	.0852413	1.801351	6.618610	.0893216	.0101359
Stddev	.47532	.0026766	.007808	.173098	.0041958	.0004291
%RSD	1.817015	3.140081	.4334761	2.615327	4.697361	4.233699

#1	25.67760	.0867966	1.795425	6.420239	.0845125	.0099621
#2	26.17227	.0867766	1.810199	6.696585	.0912173	.0106247
#3	26.62797	.0821506	1.798429	6.739005	.0922349	.0098210

Sample Name: K5623-02 Acquired: 11/5/2019 16:27:26 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PAT-TOTE Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443037	.9598405	F 33.94307	1.553498	12.81319	.0245344
Stddev	.0006485	.0076370	.72781	.005604	.00786	.0003756
%RSD	1.463717	.7956485	2.144207	.3607408	.0613758	1.531054

#1	.0435798	.9520449	33.10431	1.549135	12.81913	.0241722
#2	.0448317	.9673083	34.31696	1.551540	12.81618	.0249222
#3	.0444995	.9601683	34.40794	1.559818	12.80427	.0245088

Elem	Sr4077
Units	ppm
Avg	.1610971
Stddev	.0017863
%RSD	1.108801

#1	.1591123
#2	.1616040
#3	.1625752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.172	14151.32	3749.962	934.1541	1395.111
Stddev	3.386	36.38	26.063	3.6111	1.393
%RSD	.2703830	.2570870	.6950242	.3865654	.0998520

#1	1253.895	14109.33	3720.338	935.5332	1396.222
#2	1254.351	14171.24	3769.371	930.0566	1395.561
#3	1248.272	14173.40	3760.175	936.8724	1393.548

Sample Name: K5683-02 Acquired: 11/5/2019 16:33:50 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005800	-.016923	.0515806	-.008191	.0067569	1.918920	.3613586
Stddev	.001830	.003073	.0026197	.002359	.0038952	.005558	.0038265
%RSD	31.55126	18.16149	5.078862	28.79324	57.64811	.2896445	1.058928

#1	-.007713	-.018806	.0485576	-.005561	.0101833	1.912506	.3572725
#2	-.005622	-.018586	.0529975	-.010119	.0025203	1.922327	.3619457
#3	-.004066	-.013376	.0531866	-.008893	.0075671	1.921926	.3648577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002106	-.001101	26.51403	.0084671	.0102137	.1635258	49.17388
Stddev	.000097	.000202	.30844	.0004932	.0001355	.0006957	1.06097
%RSD	4.584521	18.30846	1.163311	5.825238	1.326525	.4254572	2.157596

#1	-.002188	-.001004	26.16531	.0087396	.0103611	.1643285	47.95502
#2	-.002131	-.001332	26.62571	.0078978	.0101853	.1631521	49.67634
#3	-.002000	-.000965	26.75108	.0087640	.0100947	.1630968	49.89029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3948723	4.517719	.0241941	.0038822	321.6380	.0329631	.8202144
Stddev	.0069409	.017904	.0018954	.0009608	5.5391	.0041166	.0035155
%RSD	1.757767	.3963054	7.834235	24.74945	1.722155	12.48860	.4286032

#1	.3879148	4.516836	.0263817	.0037923	315.2428	.0347976	.8222308
#2	.3949055	4.500272	.0230411	.0029695	324.9239	.0358435	.8161551
#3	.4017966	4.536047	.0231595	.0048848	324.7473	.0282481	.8222572

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.728389	.1279266	.0026878	-.001397	.0940102	5.893825	1.632563
Stddev	.109148	.0032096	.0005806	.001324	.0021136	.120010	.000941
%RSD	2.308346	2.508971	21.59985	94.78673	2.248281	2.036195	.0576332

#1	4.615625	.1254492	.0025111	-.000300	.0916104	5.757763	1.633649
#2	4.736022	.1267781	.0033362	-.001023	.0948255	5.939104	1.632050
#3	4.833519	.1315524	.0022161	-.002867	.0955947	5.984609	1.631990

Sample Name: K5683-02 Acquired: 11/5/2019 16:33:50 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.08708	.0061699	.1170437
Stddev	.04222	.0026334	.0005935
%RSD	.4185399	42.68195	.5070336

#1	10.07678	.0037474	.1163603
#2	10.05096	.0057895	.1174288
#3	10.13349	.0089729	.1173420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.341	13440.26	3641.500	876.4797	1330.117
Stddev	1.396	42.31	39.033	1.3291	1.213
%RSD	.1175642	.3148028	1.071906	.1516365	.0912268

#1	1188.128	13396.79	3597.251	876.5344	1331.517
#2	1185.729	13442.68	3671.049	875.1241	1329.376
#3	1188.166	13481.30	3656.200	877.7805	1329.457

Sample Name: K5657-02 Acquired: 11/5/2019 16:37:47 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005068	.0018078	.0034697	.0013025	-.001650	.0014865	.0619723
Stddev	.003696	.0002402	.0028254	.0029961	.001737	.0132334	.0017802
%RSD	72.93551	13.28631	81.43097	230.0234	105.2473	890.2699	2.872545

#1	-.004705	.0020021	.0031124	.0025864	-.002761	-.006750	.0602162
#2	-.008932	.0018821	.0008400	.0034427	.000351	.016751	.0637757
#3	-.001566	.0015392	.0064568	-.002122	-.002540	-.005541	.0619249

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002035	-.000135	9.269780	-.000940	-.000065	-.000091	.0061026
Stddev	.0001010	.000140	.153440	.001153	.000588	.000800	.0080334
%RSD	49.64252	103.8790	1.655274	122.6675	899.4860	875.5217	131.6397

#1	.0001850	-.000042	9.092947	-.000720	-.000375	-.000863	.0066717
#2	.0001130	-.000295	9.367771	.000087	-.000434	-.000144	.0138363
#3	.0003125	-.000067	9.348620	-.002187	.000613	.000734	-.002200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1176454	.2023355	.0005235	.0005979	44.00335	.0061475	.0754003
Stddev	.0023226	.0027032	.0014294	.0007452	.84771	.0028316	.0003359
%RSD	1.974262	1.336018	273.0326	124.6328	1.926473	46.06098	.4454211

#1	.1149945	.2006877	-.000595	.0007985	43.10191	.0074299	.0750194
#2	.1193234	.2008634	.000032	.0012223	44.12364	.0081109	.0755275
#3	.1186182	.2054552	.002134	-.000227	44.78449	.0029016	.0756539

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065625	.0092942	-.000455	-.001471	-.001039	.1638233	.0014743
Stddev	.0251763	.0011951	.000543	.001586	.002069	.0225674	.0019899
%RSD	23.62588	12.85850	119.3663	107.8638	199.0377	13.77546	134.9717

#1	.0803925	.0105043	-.001013	-.002577	.001113	.1532038	-.000244
#2	.1086840	.0081147	-.000425	-.002181	-.001217	.1485247	.001013
#3	.1306109	.0092637	.000072	.000347	-.003014	.1897415	.003654

Sample Name: K5657-02 Acquired: 11/5/2019 16:37:47 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1952188	.0038465	.0409214
Stddev	.0043702	.0009150	.0007064
%RSD	2.238639	23.78723	1.726351

#1	.1996801	.0031122	.0401094
#2	.1950307	.0048715	.0413954
#3	.1909457	.0035557	.0412593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.337	14154.30	3690.190	949.9541	1436.522
Stddev	1.128	6.00	44.709	5.4805	2.122
%RSD	.0897266	.0423888	1.211561	.5769230	.1477090

#1	1256.475	14161.03	3670.507	945.3608	1434.075
#2	1256.921	14149.50	3658.699	956.0206	1437.637
#3	1258.614	14152.38	3741.363	948.4809	1437.854

Sample Name: K5614-02 Acquired: 11/5/2019 16:41:49 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004056	.0008445	.0026021	-.002112	.0018610	.0316721	.0489413
Stddev	.002778	.0014120	.0004891	.007689	.0019015	.0121272	.0017544
%RSD	68.50403	167.1983	18.79654	364.1228	102.1754	38.28972	3.584744

#1	-.002833	.0020070	.0023472	.006401	-.000267	.0179205	.0471312
#2	-.007235	-.000727	.0022931	-.008553	.002458	.0362592	.0490584
#3	-.002098	.001253	.0031660	-.004182	.003392	.0408367	.0506342

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000281	-.000218	.5277046	.0073719	.0002857	.0007539	-.001597
Stddev	.0000774	.000179	.0088309	.0011664	.0001939	.0008449	.007724
%RSD	275.5597	82.29072	1.673462	15.82218	67.85111	112.0739	483.8192

#1	-.000001	-.000367	.5214372	.0086371	.0000858	.0011723	.007316
#2	-.000030	-.000267	.5238722	.0071393	.0004728	.0013080	-.005742
#3	.000116	-.000019	.5378043	.0063393	.0002985	-.000219	-.006363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223085	.1082294	.0007569	.0003261	39.70099	.0010185	.0423023
Stddev	.0004485	.0140484	.0002529	.0007081	1.03235	.0026298	.0005718
%RSD	2.010469	12.98021	33.41880	217.1331	2.600306	258.2175	1.351796

#1	.0218288	.1191321	.0005830	-.000491	38.51117	-.001732	.0424601
#2	.0223793	.1131803	.0010471	.000730	40.35910	.003509	.0427786
#3	.0227174	.0923759	.0006406	.000740	40.23270	.001278	.0416681

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0372409	.0108623	.0003423	-.001528	-.000518	.1305759	.0002323
Stddev	.0243339	.0007263	.0002094	.002544	.001921	.0096666	.0028256
%RSD	65.34185	6.686026	61.17115	166.4254	370.6113	7.403053	1216.535

#1	.0559577	.0116275	.0001125	-.004407	.000798	.1369722	.0034930
#2	.0097331	.0107766	.0005223	-.000595	-.002723	.1194557	-.001498
#3	.0460318	.0101826	.0003921	.000417	.000369	.1352998	-.001299

Sample Name: K5614-02 Acquired: 11/5/2019 16:41:49 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1175257	.0006678	.0030740
Stddev	.0081451	.0005333	.0001461
%RSD	6.930453	79.85447	4.754075

#1	.1207948	.0008467	.0029903
#2	.1082540	.0010887	.0029890
#3	.1235284	.0000681	.0032428

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.392	14288.15	3746.996	959.1129	1439.085
Stddev	.516	16.50	32.007	9.2546	2.750
%RSD	.0409468	.1154976	.8542085	.9649143	.1911085

#1	1260.287	14277.44	3743.073	955.0902	1441.869
#2	1260.953	14279.86	3780.784	969.6982	1436.369
#3	1259.937	14307.16	3717.132	952.5505	1439.019

Sample Name: LR CHECK 1 Acquired: 11/5/2019 16:45:51 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	-.053482	.0846686	-.070078	-.223104	.1307828	1955.288	.0216163
Stddev	.011549	.0076140	.014536	.020415	.0085993	53.688	.0004133
%RSD	21.59414	8.992674	20.74277	9.150574	6.575246	2.745782	1.912197

#1	-.066598	.0918701	-.079180	-.206005	.1401046	1893.361	.0211589
#2	-.049007	.0854357	-.053313	-.217600	.1290842	1983.766	.0219631
#3	-.044839	.0767002	-.077739	-.245707	.1231596	1988.737	.0217268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212813	.0035160	1715.943	.0693023	.0482106	.0397427	653.2985
Stddev	.0008804	.0009194	23.833	.0009644	.0011292	.0004011	1.9044
%RSD	4.137192	26.14963	1.388890	1.391635	2.342297	1.009141	.2915078

#1	.0212154	.0030550	1688.890	.0683215	.0469097	.0395833	651.1930
#2	.0204357	.0045747	1733.839	.0693359	.0487847	.0394458	654.9008
#3	.0221928	.0029182	1725.101	.0702495	.0489375	.0401989	653.8017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161614	1790.078	.1334655	.0190967	1774.948	.0521798	.1913439
Stddev	.0010141	11.615	.0107725	.0006371	13.076	.0096453	.0017794
%RSD	6.274526	.6488593	8.071383	3.336421	.7367180	18.48475	.9299590

#1	.0171158	1777.540	.1444746	.0185948	1769.304	.0602766	.1924969
#2	.0162717	1800.470	.1229463	.0188818	1789.898	.0415085	.1892946
#3	.0150967	1792.225	.1329756	.0198135	1765.641	.0547542	.1922403

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	831.9177	-.679630	.0214394	-.057808	-.101321	.0688276	.4344809
Stddev	1.6510	.014515	.0001066	.002887	.001027	.0135122	.0101091
%RSD	.1984626	2.135731	.4969814	4.993705	1.013245	19.63196	2.326702

#1	833.2405	-.667127	.0213166	-.059930	-.101917	.0696047	.4461536
#2	832.4451	-.676215	.0215066	-.058973	-.101910	.0549436	.4285751
#3	830.0673	-.695549	.0214951	-.054520	-.100135	.0819345	.4287140

Sample Name: LR CHECK 1 Acquired: 11/5/2019 16:45:51 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0785116	.0561667	-.693239
Stddev	.0080460	.0010782	.001929
%RSD	10.24817	1.919606	.2782559

#1	.0692254	.0569534	-.691130
#2	.0829031	.0549377	-.694915
#3	.0834063	.0566090	-.693671

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1068.435	11350.53	3351.337	762.9419	1130.211
Stddev	3.830	5.40	15.255	6.2230	4.153
%RSD	.3584845	.0475849	.4551991	.8156640	.3674702

#1	1072.011	11345.49	3368.881	755.7596	1133.353
#2	1068.901	11356.24	3341.195	766.3403	1131.777
#3	1064.393	11349.87	3343.935	766.7257	1125.502

Sample Name: LR CHECK 2 Acquired: 11/5/2019 16:50:34 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	-.009289	.0017691	257.4016	.0377745	-.085331	-1.00072	97.47855
Stddev	.002981	.0029306	1.0808	.0039751	.002770	.02523	3.69734
%RSD	32.09289	165.6517	.4198779	10.52315	3.246411	2.520815	3.792977

#1	-.012688	.0002007	256.2570	.0346428	-.087930	-.98388	93.23176
#2	-.008064	-.000044	257.5431	.0364343	-.085646	-.98856	99.98131
#3	-.007115	.005150	258.4046	.0422465	-.082416	-1.02972	99.22257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000720	-.015833	.3581484	-.113368	-.024370	251.9576	-.336450
Stddev	.000227	.000046	.0091617	.000816	.000669	.0896	.000467
%RSD	31.56483	.2935706	2.558077	.7196197	2.744122	.0355725	.1386790

#1	-.000981	-.015820	.3622045	-.112426	-.025142	251.9633	-.336014
#2	-.000620	-.015885	.3645819	-.113825	-.023972	251.8652	-.336942
#3	-.000561	-.015794	.3476588	-.113853	-.023997	252.0442	-.336394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.60032	.0196666	49.77593	-.001292	.7716884	-.086103	33.93572
Stddev	.66620	.0211042	.20362	.000643	.0326017	.000541	.18070
%RSD	1.601438	107.3094	.4090784	49.78473	4.224729	.6279852	.5324737

#1	40.85512	.0033468	49.57016	-.001741	.7984961	-.085487	34.14414
#2	42.13825	.0434992	49.78030	-.001580	.7811730	-.086501	33.84014
#3	41.80759	.0121539	49.97733	-.000555	.7353961	-.086319	33.82289

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4906208	-.009549	.0020827	-.006820	-.033998	.0358340	-.683895
Stddev	.0815588	.002590	.0001909	.001318	.000717	.0068624	.013834
%RSD	16.62359	27.12729	9.163830	19.32694	2.107636	19.15062	2.022833

#1	.5540387	-.012417	.0022662	-.007001	-.033873	.0436535	-.668552
#2	.5192067	-.007380	.0018853	-.005421	-.034768	.0330355	-.687718
#3	.3986171	-.008849	.0020965	-.008038	-.033351	.0308131	-.695416

Sample Name: LR CHECK 2 Acquired: 11/5/2019 16:50:34 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0150735	.0039244	.0016717
Stddev	.0031863	.0009049	.0001476
%RSD	21.13817	23.05921	8.829317

#1	.0133368	.0039301	.0015857
#2	.0131330	.0030166	.0018421
#3	.0187508	.0048264	.0015872

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	804.2973	15970.01	3776.525	735.1270	1407.141
Stddev	5.9758	20.02	37.963	3.8463	6.227
%RSD	.7429865	.1253505	1.005245	.5232153	.4425242

#1	809.5147	15987.52	3785.639	731.0682	1413.960
#2	805.5995	15948.19	3734.834	738.7181	1405.708
#3	797.7778	15974.32	3809.101	735.5948	1401.756

Sample Name: CCV04 Acquired: 11/5/2019 16:55:17 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.128627	5.098521	5.067581	5.118698	5.148028	10.24765	10.25732
Stddev	.011922	.004522	.016465	.011239	.005056	.24140	.26187
%RSD	.2324665	.0887021	.3249073	.2195643	.0982164	2.355704	2.553030

#1	5.118083	5.103673	5.080575	5.105789	5.143431	9.97783	9.96402
#2	5.126234	5.095203	5.049065	5.126305	5.147209	10.32195	10.34027
#3	5.141565	5.096689	5.073103	5.124001	5.153444	10.44317	10.46767

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2575765	2.571182	25.20782	1.020735	2.522311	1.363251	5.076245
Stddev	.0003869	.008838	.62256	.001797	.001252	.008000	.148260
%RSD	.1502063	.3437266	2.469706	.1760347	.0496287	.5868182	2.920669

#1	.2579781	2.561530	24.52710	1.022798	2.522610	1.359920	4.915888
#2	.2575451	2.573141	25.34806	1.019900	2.523385	1.357455	5.104507
#3	.2572062	2.578877	25.74829	1.019508	2.520936	1.372378	5.208341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.580763	25.32274	2.533740	1.289634	25.17387	2.529383	2.635479
Stddev	.071237	.72778	.004381	.001250	.64922	.067473	.025065
%RSD	2.760325	2.874016	.1729102	.0969065	2.578940	2.667556	.9510435

#1	2.501171	24.50754	2.530973	1.290886	24.44363	2.452086	2.623421
#2	2.602568	25.55357	2.531456	1.288386	25.39221	2.559585	2.664294
#3	2.638549	25.90712	2.538791	1.289631	25.68578	2.576480	2.618722

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.64935	5.149834	5.062541	5.048014	5.181110	5.132292	5.100266
Stddev	.76692	.010659	.020627	.005307	.122860	.158125	.002606
%RSD	2.990020	.2069758	.4074432	.1051273	2.371311	3.080980	.0510952

#1	24.77454	5.137746	5.044060	5.042046	5.042446	4.951279	5.103215
#2	25.96758	5.157883	5.084793	5.052203	5.224484	5.202075	5.098271
#3	26.20593	5.153872	5.058769	5.049792	5.276401	5.243520	5.099312

Sample Name: CCV04 Acquired: 11/5/2019 16:55:17 Type: Unk
 Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.065408	5.062247	5.061523
Stddev	.010212	.131109	.128682
%RSD	.2016057	2.589937	2.542362

#1	5.053638	4.914759	4.917750
#2	5.070676	5.106409	5.100915
#3	5.071910	5.165572	5.165906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.889	14055.53	3686.450	920.8767	1381.197
Stddev	4.478	38.39	6.623	7.7108	6.561
%RSD	.3594101	.2731338	.1796558	.8373357	.4750453

#1	1244.538	14013.16	3678.815	918.9910	1380.212
#2	1242.243	14065.40	3690.652	914.2836	1375.184
#3	1250.887	14088.01	3689.882	929.3554	1388.195

Sample Name: CCB04 Acquired: 11/5/2019 17:03:02 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8692 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015907	-.000038	.0037716	-.009026	-.000081	.0165894	-.000915
Stddev	.0025363	.002231	.0048630	.002836	.000736	.0182312	.000459
%RSD	159.4482	5912.193	128.9387	31.42064	905.7064	109.8969	50.15753

#1	-.000909	.000036	.0086251	-.006193	-.000912	.0323963	-.000833
#2	.001520	.002155	.0037905	-.009021	.000486	-.003355	-.001409
#3	.004162	-.002304	-.001101	-.011865	.000183	.020727	-.000502

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000714	-.000277	.0109568	-.000230	-.000493	.0012813	-.006950
Stddev	.0000760	.000418	.0072533	.000604	.000320	.0009176	.007552
%RSD	106.4887	150.9035	66.19878	262.6439	64.79758	71.61242	108.6508

#1	.0000297	.000199	.0135605	-.000625	-.000844	.0020780	-.004252
#2	.0000253	-.000585	.0027611	.000466	-.000418	.0002781	-.015481
#3	.0001592	-.000445	.0165488	-.000531	-.000218	.0014877	-.001119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	.0150580	-.000478	.0010224	.0760878	.0016975	.0010704
Stddev	.000962	.0231794	.000866	.0005888	.0208512	.0026902	.0002936
%RSD	2664.966	153.9341	181.1666	57.58693	27.40413	158.4767	27.42599

#1	-.000618	-.008504	.000185	.0004502	.0529570	.0001020	.0010612
#2	-.000565	.015843	-.001458	.0016265	.0934409	.0001871	.0013685
#3	.001075	.037835	-.000162	.0009907	.0818656	.0048035	.0007815

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049848	.0018287	.0000773	-.001903	-.000763	-.001251	-.002172
Stddev	.059671	.0016432	.0002094	.001486	.002994	.018950	.002806
%RSD	119.7048	89.85980	271.0209	78.08283	392.2855	1514.881	129.1714

#1	-.113294	.0029335	-.000079	-.003616	.002667	-.022724	-.002184
#2	.005148	.0026122	-.000004	-.000986	-.002849	.005841	-.004973
#3	-.041399	-.000060	.000315	-.001105	-.002108	.013130	.000639

Sample Name: CCB04 Acquired: 11/5/2019 17:03:02 Type: Unk
Method: NON EPA-6010-200.7(v80) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8692 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000506	.0024080	-.000140
Stddev	.005487	.0001958	.000207
%RSD	1083.428	8.132167	148.0295

#1	.005548	.0022904	-.000348
#2	-.001917	.0022995	.000066
#3	-.005150	.0026340	-.000137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.363	14267.01	3720.670	959.5457	1436.756
Stddev	3.207	59.42	12.454	5.4431	3.904
%RSD	.2526076	.4165059	.3347279	.5672543	.2717064

#1	1267.077	14235.85	3707.581	956.4418	1433.421
#2	1273.028	14229.64	3732.374	956.3647	1441.050
#3	1267.982	14335.53	3722.054	965.8307	1435.797