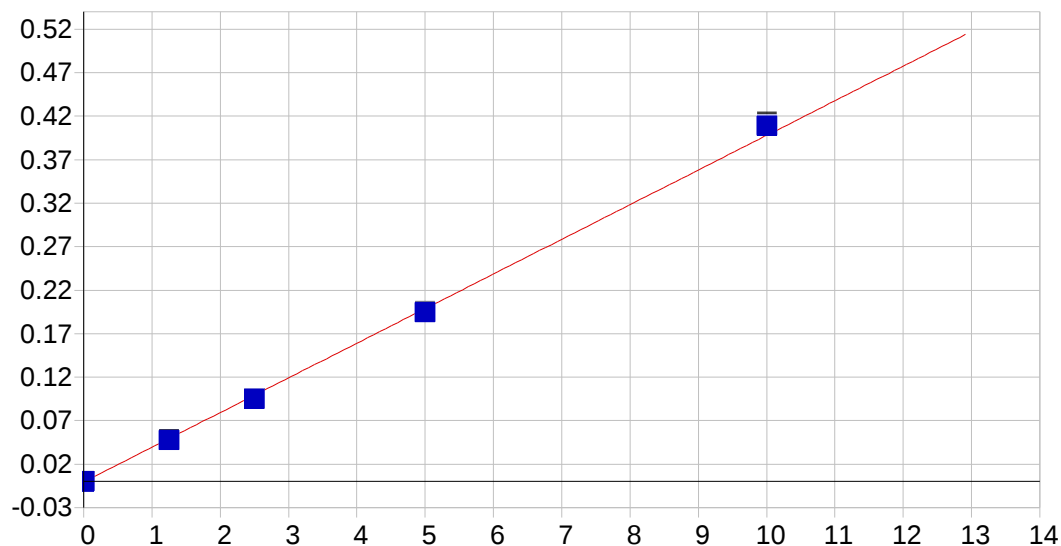


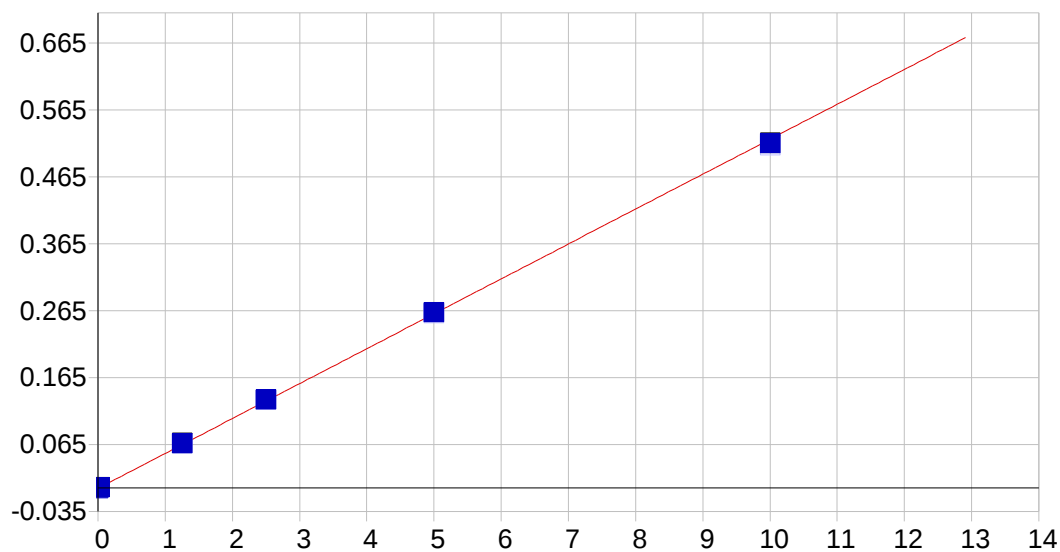


As 189.042 {479}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.039822 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999569 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003485
 Predicted MQL: 0.011617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.00953	.000	-4.68	.00005	.000	1
S2	1.2500	1.2000	-.050	-4.00	.04765	.000	1
S3	2.5000	2.3934	-.107	-4.27	.09537	.000	1
S4	5.0000	4.8880	-.112	-2.24	.19509	.000	1
S5	10.000	10.269	.269	2.69	.41014	.003	1

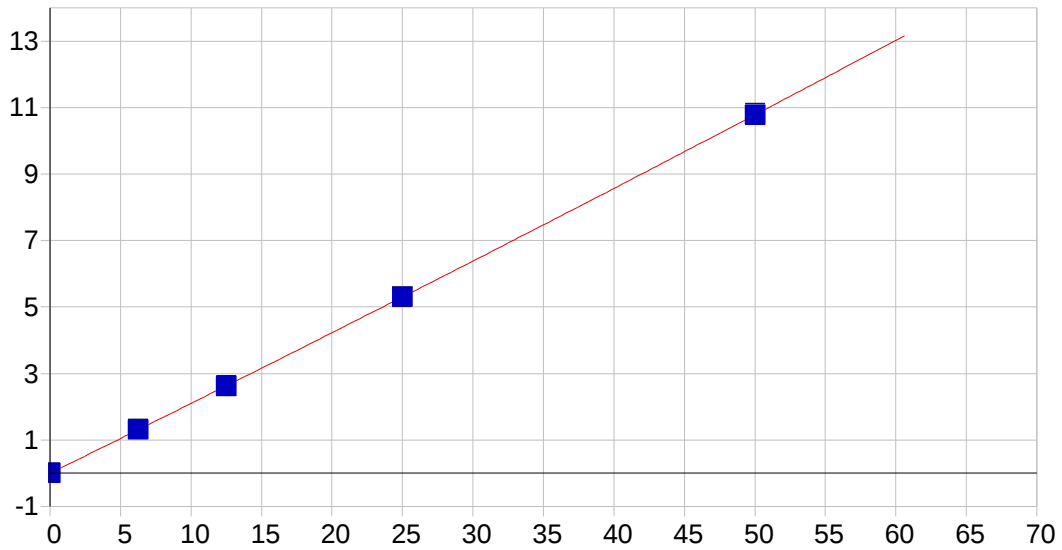


TI 190.856 {477}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000452 Re-Slope: 1.000000
 A1 (Gain): 0.052166 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002440
 Predicted MQL: 0.008135

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.02500	.02678	.002	7.11	.00093	.000	1
S2	1.2500	1.2910	.041	3.28	.06650	.000	1
S3	2.5000	2.5397	.040	1.59	.13125	.000	1
S4	5.0000	5.0333	.033	.665	.26054	.000	1
S5	10.000	9.8842	-.116	-1.16	.51202	.001	1

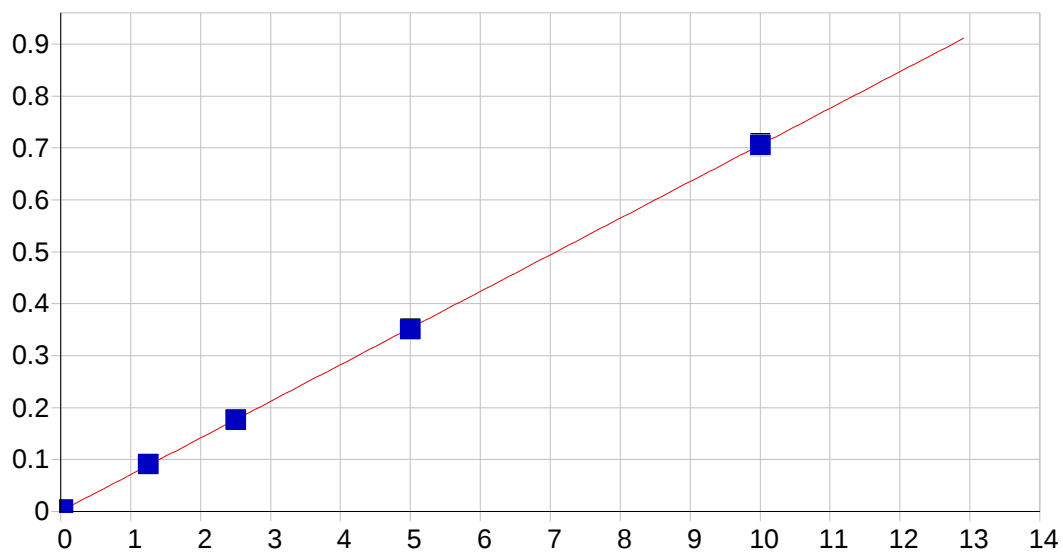


Pb 220.353 {453}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000505 Re-Slope: 1.000000
 A1 (Gain): 0.208486 Y-int: 0.000000
 A2 (Curvature): 0.000144
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: Warning Positive Curvature
 Std Error of Est: 0.000025
 Predicted MDL: 0.001606
 Predicted MQL: 0.005353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.01000	.01112	.001	11.2	.00183	.000	1
S2	6.2500	6.2935	.043	.695	1.3191	.001	1
S3	12.500	12.442	-.058	-.464	2.6193	.007	1
S4	25.000	25.009	.009	.037	5.3106	.006	1
S5	50.000	50.004	.004	.008	10.798	.026	1

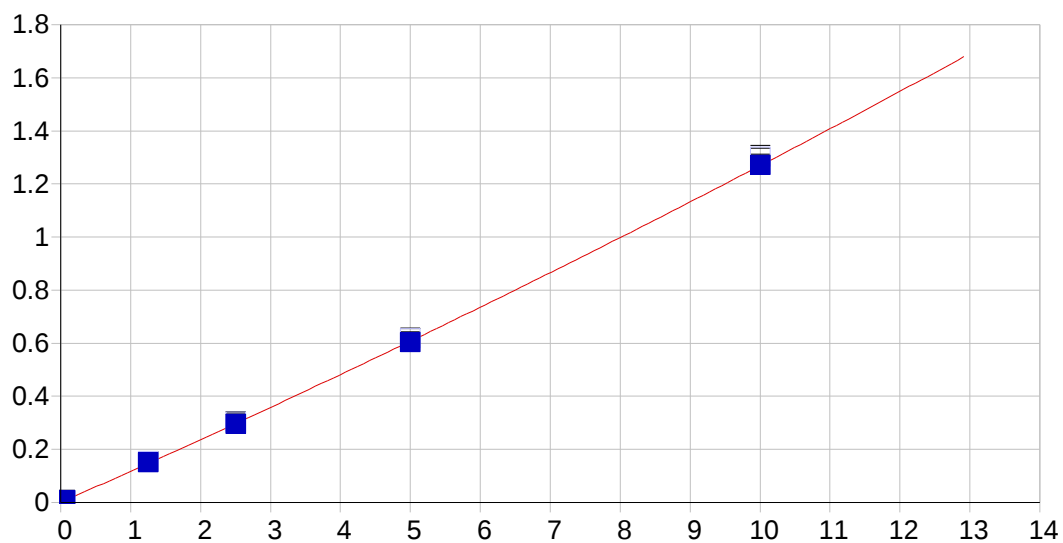


Se 196.090 {472}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000494 Re-Slope: 1.000000
 A1 (Gain): 0.070520 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002659
 Predicted MQL: 0.008863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00049	.000	1
S1	.03500	.04043	.005	15.5	.00334	.000	1
S2	1.2500	1.2839	.034	2.71	.09062	.000	1
S3	2.5000	2.5003	.000	.014	.17599	.001	1
S4	5.0000	4.9660	-.034	-.680	.34904	.001	1
S5	10.000	9.9943	-.006	-.057	.70199	.003	1

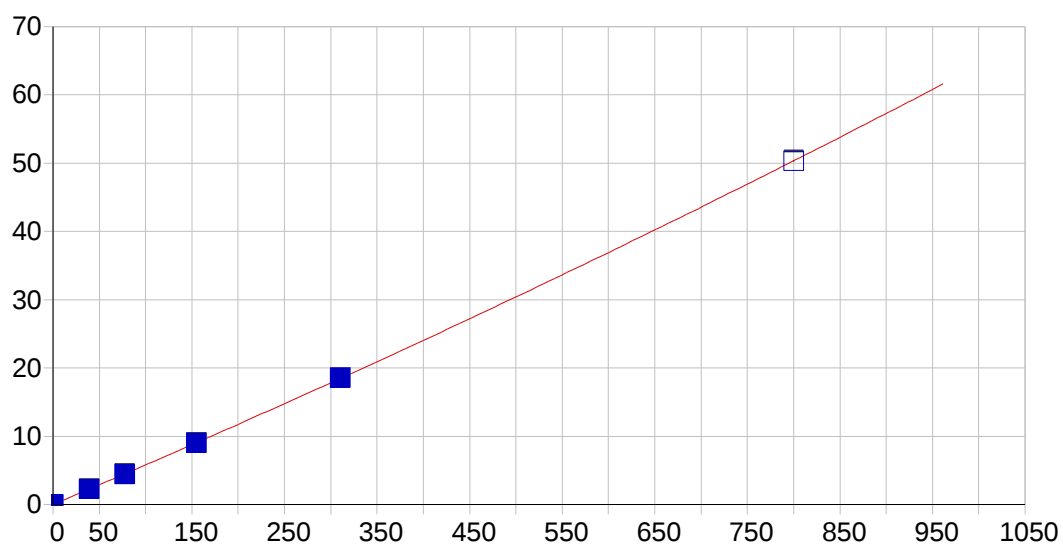


Sb 206.833 {463}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000418 Re-Slope: 1.000000
 A1 (Gain): 0.116049 Y-int: 0.000000
 A2 (Curvature): 0.001080
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: Warning Positive Curvature
 Std Error of Est: 0.000057
 Predicted MDL: 0.001811
 Predicted MQL: 0.006037

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00042	.000	1
S1	.06000	.06725	.007	12.1	.00823	.000	1
S2	1.2500	1.2784	.028	2.27	.15449	.000	1
S3	2.5000	2.4842	-.016	-.632	.30328	.000	1
S4	5.0000	4.9633	-.037	-.734	.61882	.002	1
S5	10.000	10.017	.017	.173	1.3029	.005	1

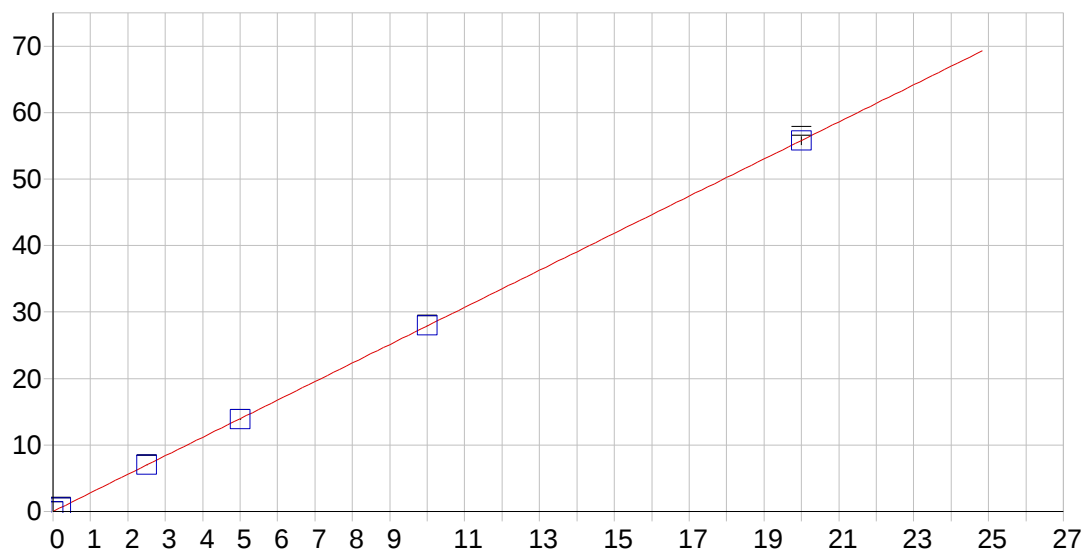


AI 396.152 { 85}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.004091	Re-Slope: 1.000000
A1 (Gain):	0.057274	Y-int: 0.000000
A2 (Curvature):	0.000007	
n (Exponent):	1.000000	
Correlation:	0.999992	Status: Warning Positive Curvature
Std Error of Est:	0.000173	
Predicted MDL:	0.018290	
Predicted MQL:	0.060967	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00409	.001	1
S1	.20000	.21889	.019	9.44	.01664	.000	1
S2	38.750	38.962	.212	.548	2.2484	.001	1
S3	77.500	76.740	-.760	-.981	4.4450	.017	1
S4	155.00	154.22	-.780	-.503	9.0134	.035	1
S5	310.00	311.71	1.71	.552	18.561	.034	1
S6	800.00	799.59	-.411	-.051	50.322	.119	1

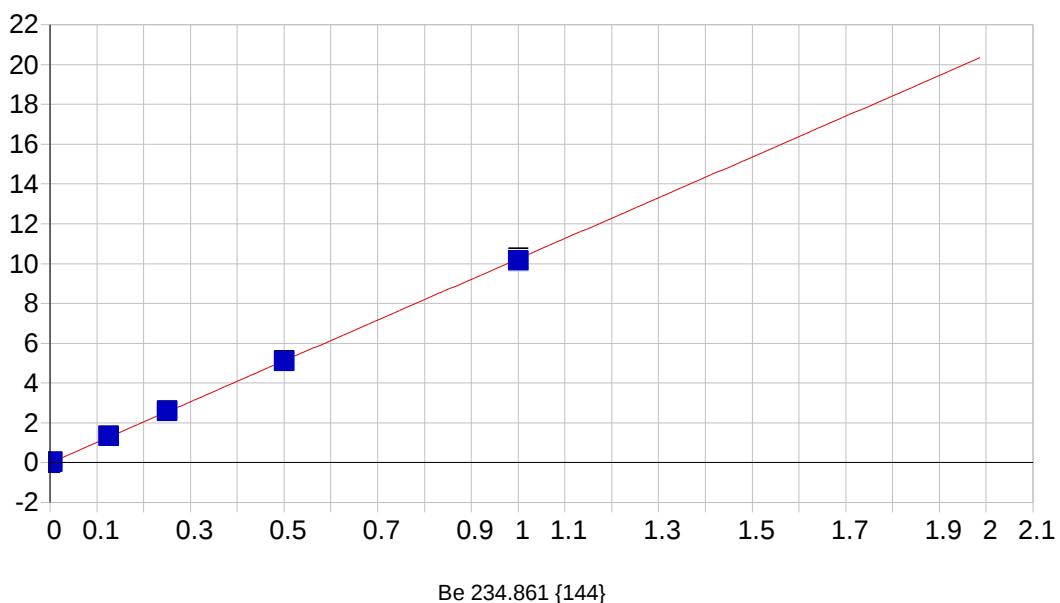


Ba 493.409 { 68}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013792 Re-Slope: 1.000000
 A1 (Gain): 2.789475 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.001966
 Predicted MDL: 0.001090
 Predicted MQL: 0.003634

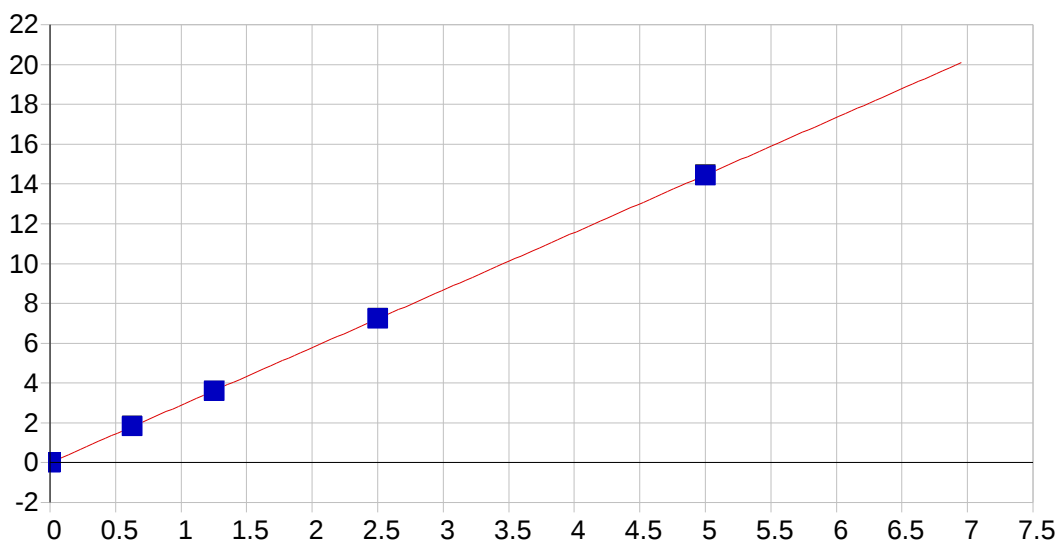
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.01375	.001	1
S1	.20000	.21588	.016	7.94	.61600	.003	1
S2	2.5000	2.5039	.004	.156	6.9984	.023	1
S3	5.0000	4.9631	-.037	-.737	13.858	.018	1
S4	10.000	10.032	.032	.325	27.999	.016	1
S5	20.000	19.985	-.015	-.077	55.760	.685	1



Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003817 Re-Slope: 1.000000
 A1 (Gain): 10.238054 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000567
 Predicted MDL: 0.000063
 Predicted MQL: 0.000211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00382	.001	1
S1	.00500	.00545	.000	9.02	.05195	.000	1
S2	.12500	.13069	.006	4.55	1.3286	.007	1
S3	.25000	.25328	.003	1.31	2.5781	.010	1
S4	.50000	.49834	-.002	-.333	5.0758	.046	1
S5	1.0000	.99223	-.008	-.777	10.110	.144	1

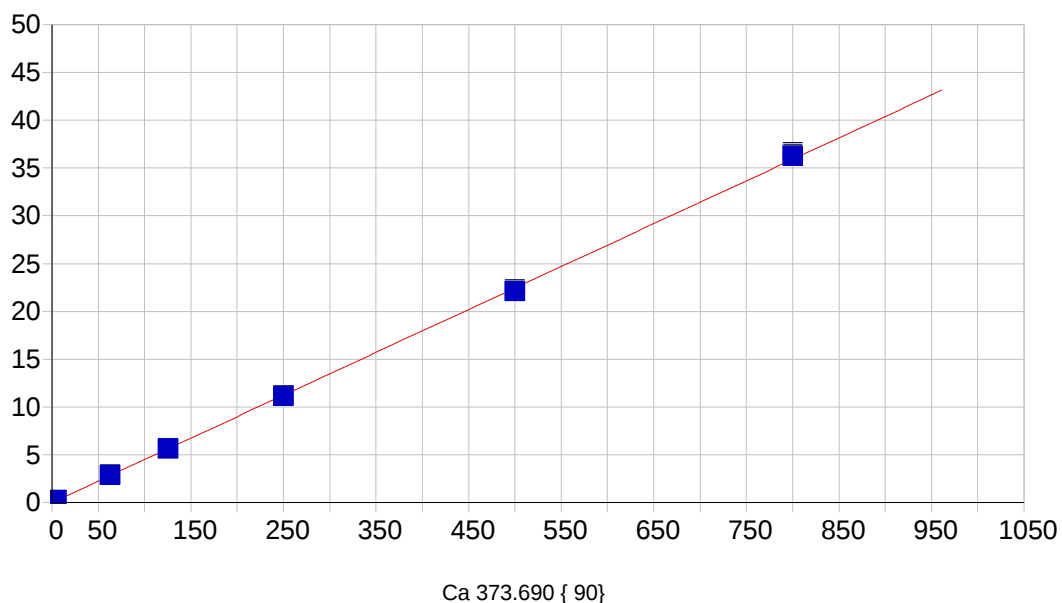


Cd 214.438 {457}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000255 Re-Slope: 1.000000
 A1 (Gain): 2.889685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.000080
 Predicted MQL: 0.000266

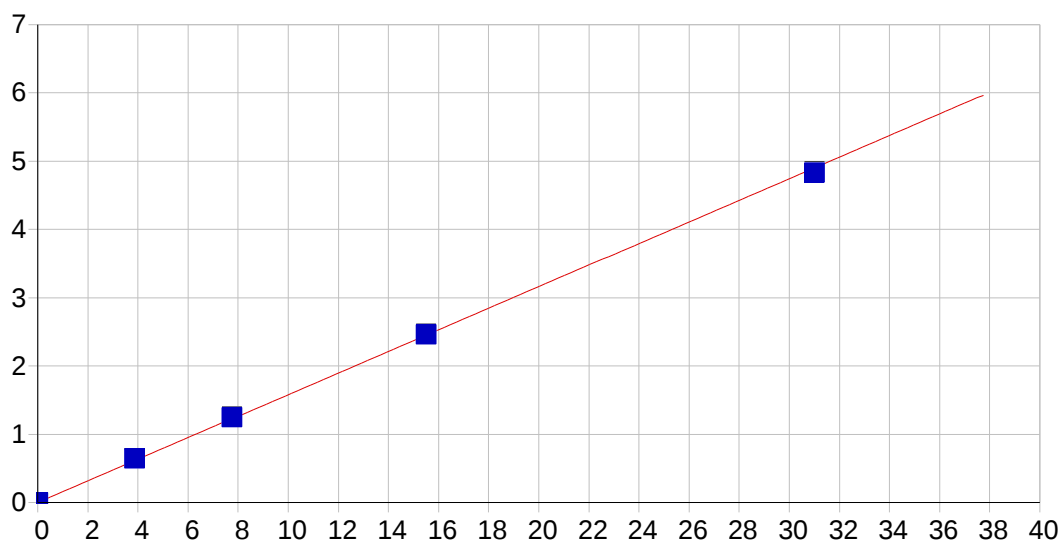
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.00500	.00557	.001	11.4	.01585	.000	1
S2	.62500	.63289	.008	1.26	1.8323	.004	1
S3	1.2500	1.2464	-.004	-.285	3.6090	.007	1
S4	2.5000	2.5028	.003	.113	7.2469	.011	1
S5	5.0000	4.9923	-.008	-.154	14.456	.026	1



Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003528 Re-Slope: 1.000000
 A1 (Gain): 0.044879 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.002215
 Predicted MDL: 0.021113
 Predicted MQL: 0.070375

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00060	-.001	.000	.00350	.000	1
S1	5.0000	5.5756	.576	11.5	.25378	.001	1
S2	62.500	63.876	1.38	2.20	2.8802	.018	1
S3	125.00	124.65	-.346	-.277	5.6179	.010	1
S4	250.00	247.52	-2.48	-.992	11.152	.043	1
S5	500.00	491.99	-8.01	-1.60	22.164	.090	1
S6	800.00	808.86	8.86	1.11	36.518	.081	1

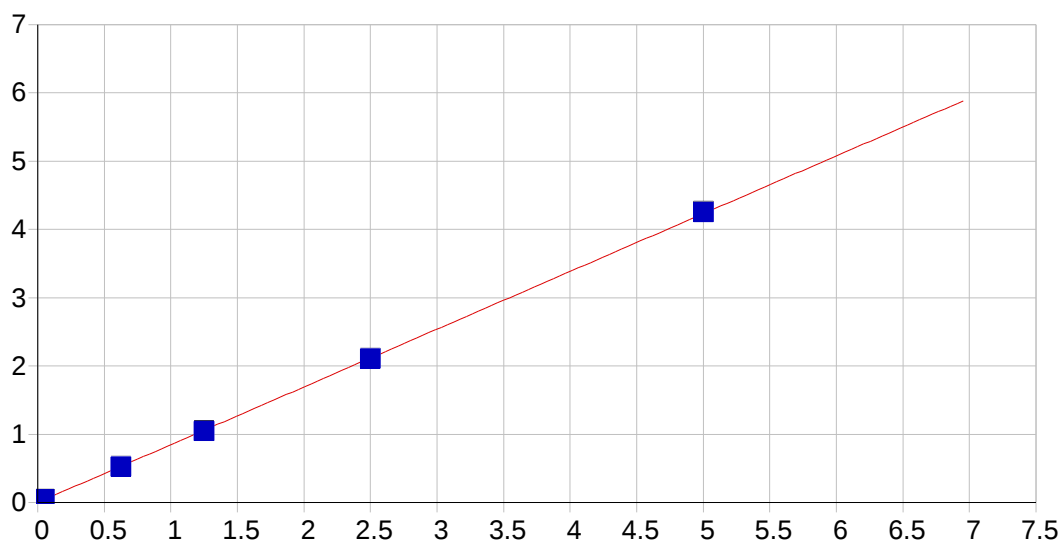


Cr 267.716 {126}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.158082 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.000664
 Predicted MQL: 0.002213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.01158	.002	15.8	.00194	.000	1
S2	3.8750	4.0781	.203	5.24	.64585	.001	1
S3	7.7500	7.9019	.152	1.96	1.2514	.001	1
S4	15.500	15.573	.073	.468	2.4662	.003	1
S5	31.000	30.571	-.429	-1.38	4.8415	.008	1

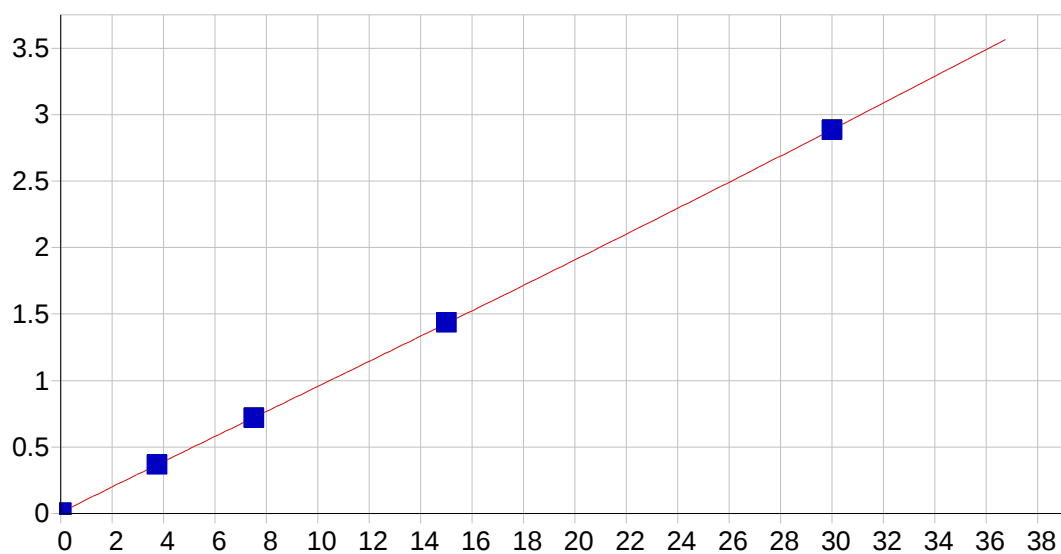


Co 228.616 {448}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000188 Re-Slope: 1.000000
 A1 (Gain): 0.846231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000152
 Predicted MDL: 0.000266
 Predicted MQL: 0.000885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.05000	.05155	.002	3.10	.04397	.000	1
S2	.62500	.62153	-.003	-.555	.52719	.001	1
S3	1.2500	1.2353	-.015	-1.17	1.0477	.003	1
S4	2.5000	2.4894	-.011	-.423	2.1110	.002	1
S5	5.0000	5.0272	.027	.544	4.2627	.007	1

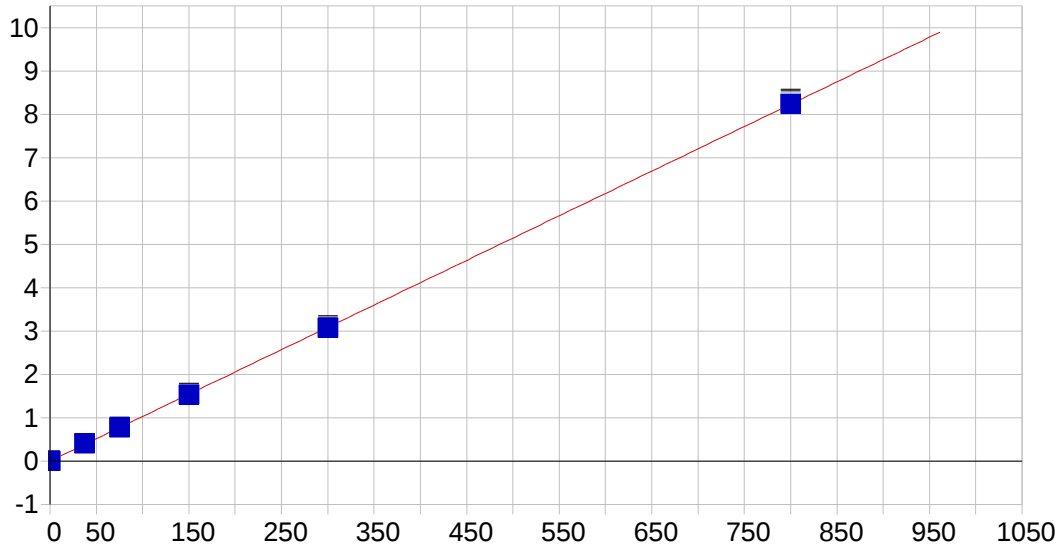


Cu 324.754 {104}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.001027 Re-Slope: 1.000000
 A1 (Gain): 0.101717 Y-int: 0.000000
 A2 (Curvature): 0.000324
 n (Exponent): 0.960000
 Correlation: 0.999995 Status: Warning Positive Curvature
 Std Error of Est: 0.000020
 Predicted MDL: 0.005205
 Predicted MQL: 0.017349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00103	.000	1
S1	.02500	.02690	.002	7.58	.00418	.000	1
S2	3.7500	3.7508	.001	.021	.36676	.001	1
S3	7.5000	7.4620	-.038	-.506	.71629	.003	1
S4	15.000	15.051	.051	.340	1.4327	.001	1
S5	30.000	29.984	-.016	-.053	2.8830	.005	1

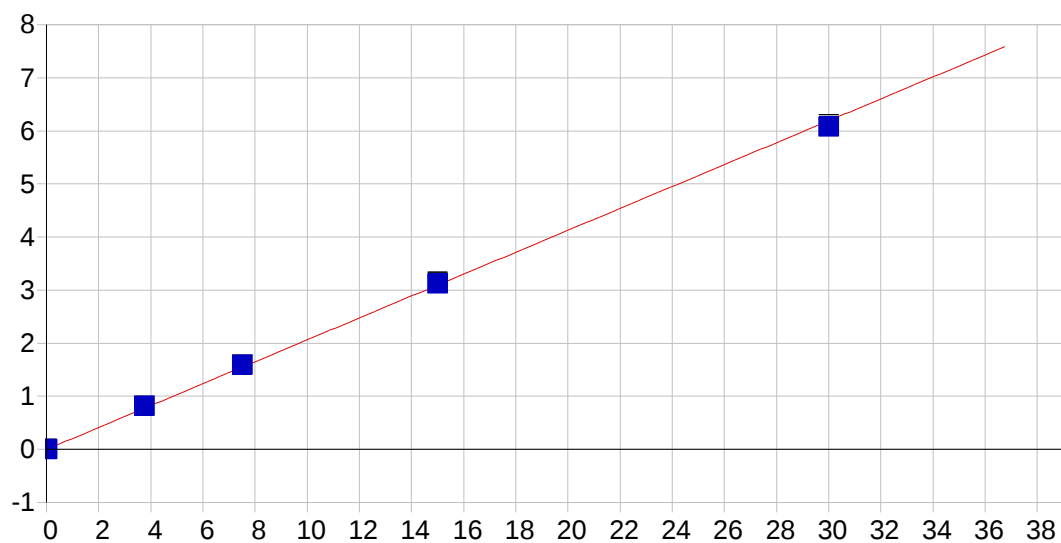


Fe 259.837 {130}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000083 Re-Slope: 1.000000
 A1 (Gain): 0.010289 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.026200
 Predicted MQL: 0.087332

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00008	.000	1
S1	.10000	.12120	.021	21.2	.00135	.000	1
S2	37.500	38.728	1.23	3.27	.40060	.002	1
S3	75.000	75.327	.327	.436	.77921	.006	1
S4	150.00	148.85	-1.15	-.767	1.5398	.022	1
S5	300.00	299.23	-.765	-.255	3.0953	.024	1
S6	800.00	800.34	.340	.042	8.2718	.073	1

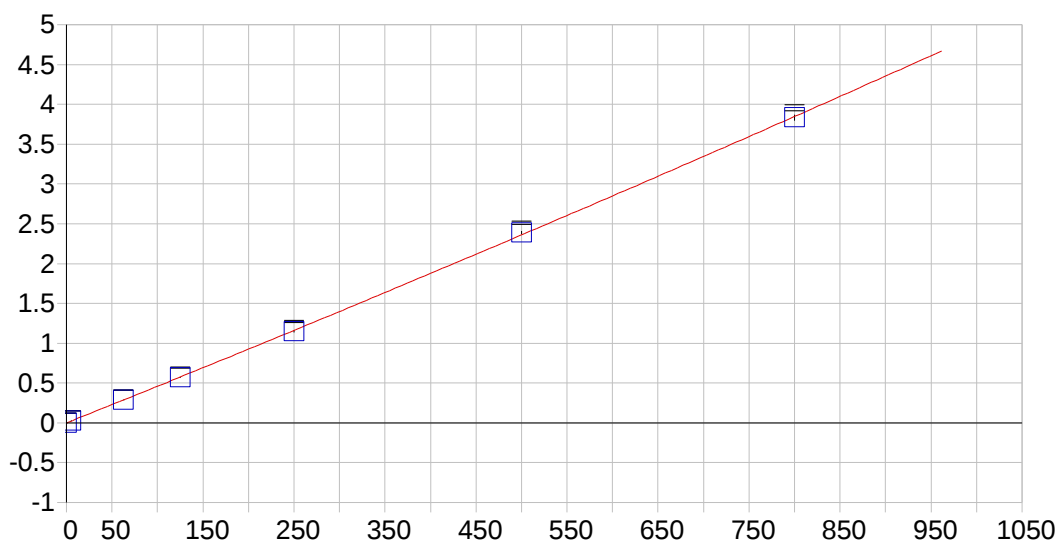


Mn 257.610 {131}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.206341 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.000163
 Predicted MDL: 0.001377
 Predicted MQL: 0.004591

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01500	.01777	.003	18.4	.00361	.000	1
S2	3.7500	3.9502	.200	5.34	.81521	.007	1
S3	7.5000	7.6986	.199	2.65	1.5888	.003	1
S4	15.000	15.146	.146	.976	3.1260	.029	1
S5	30.000	29.452	-.548	-1.83	6.0785	.041	1

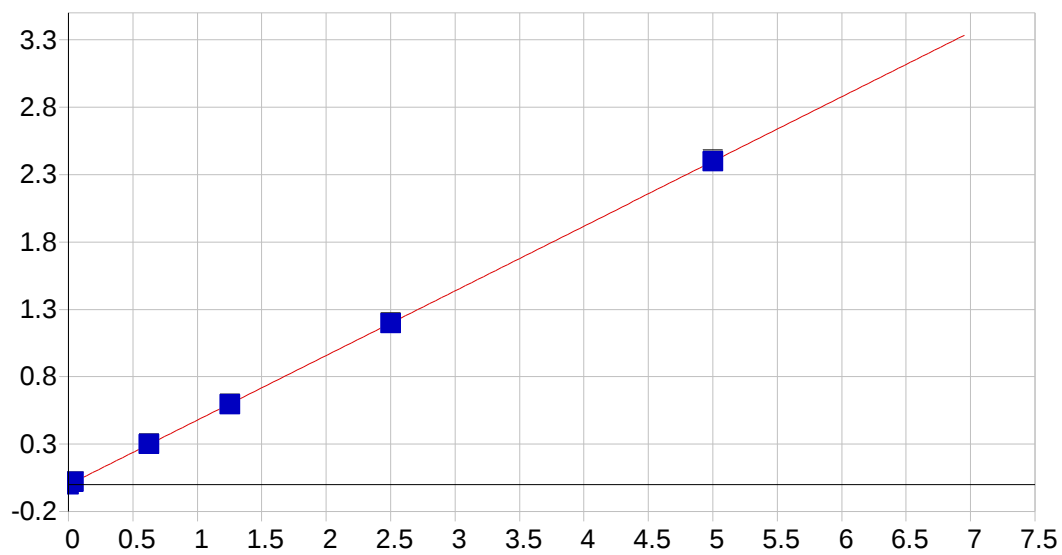


Mg 279.079 {121}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.004571 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: Warning Positive Curvature
 Std Error of Est: 0.000163
 Predicted MDL: 0.071083
 Predicted MQL: 0.236943

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	.000	.000	-.00004	.000	1
S1	5.0000	5.2059	.206	4.12	.02376	.000	1
S2	62.500	62.732	.232	.371	.28788	.002	1
S3	125.00	123.66	-1.34	-1.07	.56978	.006	1
S4	250.00	247.59	-2.41	-.964	1.1499	.013	1
S5	500.00	506.10	6.10	1.22	2.3894	.022	1
S6	800.00	797.20	-2.80	-.350	3.8327	.037	1

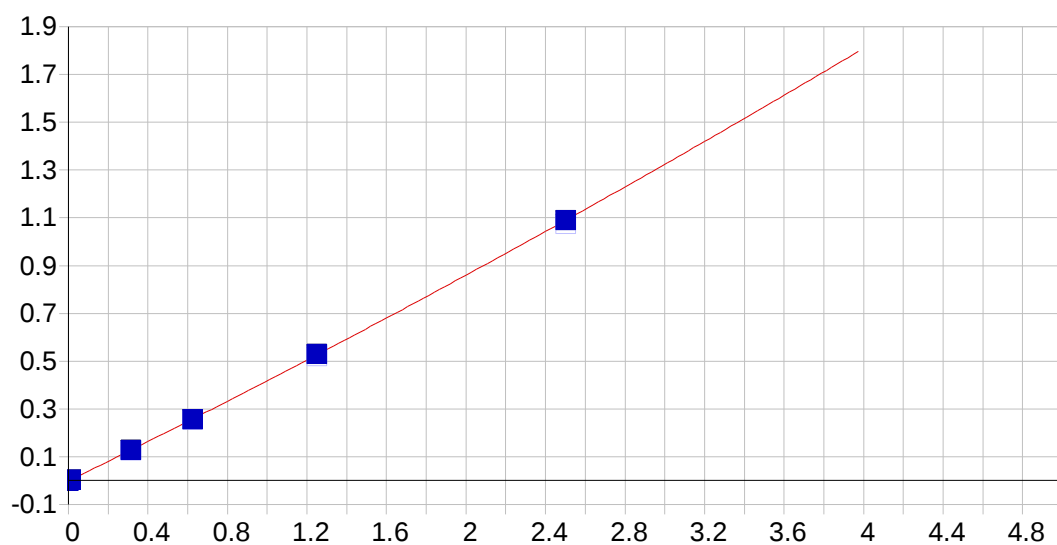


Ni 231.604 {446}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001344 Re-Slope: 1.000000
 A1 (Gain): 0.479701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.000478
 Predicted MQL: 0.001594

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00135	.000	1
S1	.04000	.04369	.004	9.21	.01962	.000	1
S2	.62500	.62969	.005	.750	.30133	.000	1
S3	1.2500	1.2435	-.007	-.523	.59637	.001	1
S4	2.5000	2.4949	-.005	-.206	1.1979	.002	1
S5	5.0000	5.0033	.003	.066	2.4037	.004	1

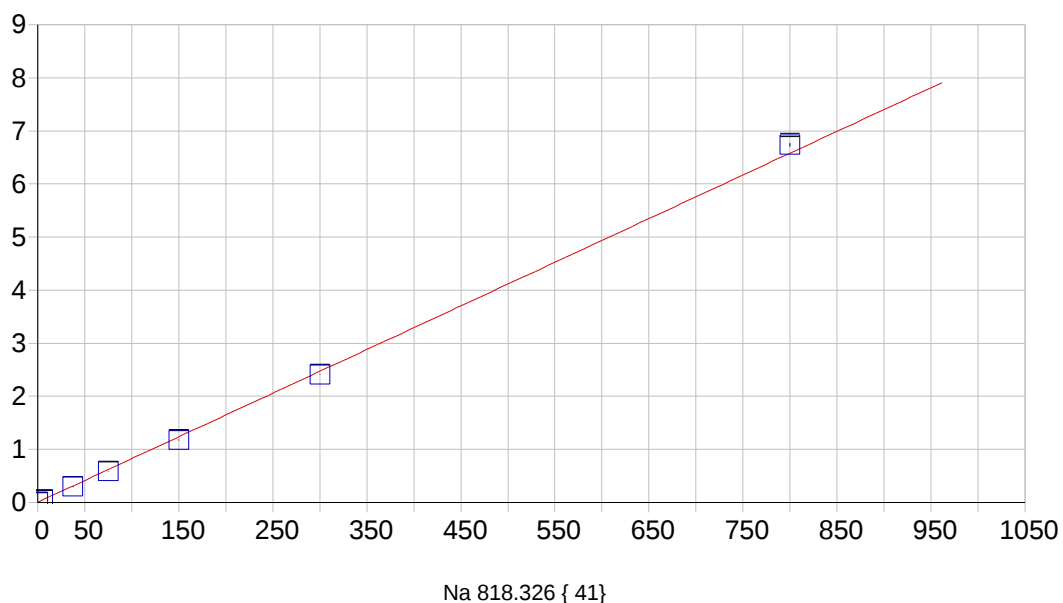


Ag 328.068 {103}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001770 Re-Slope: 1.000000
 A1 (Gain): 0.408999 Y-int: 0.000000
 A2 (Curvature): 0.010962
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: Warning Positive Curvature
 Std Error of Est: 0.000023
 Predicted MDL: 0.000476
 Predicted MQL: 0.001586

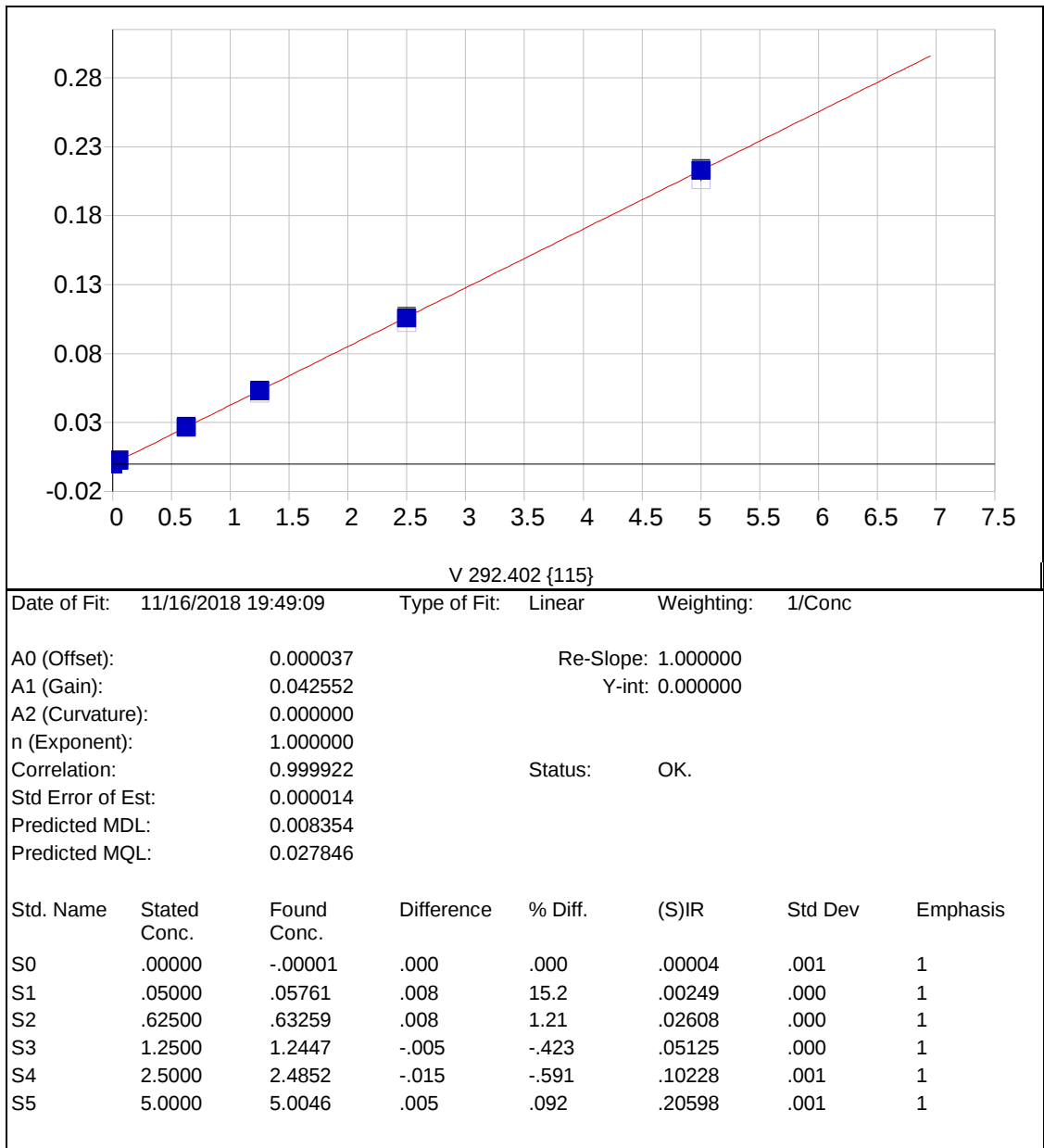
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00177	.000	1
S1	.01000	.01107	.001	10.7	.00273	.000	1
S2	.31250	.31215	.000	-.114	.12502	.000	1
S3	.62500	.62134	-.004	-.586	.25270	.000	1
S4	1.2500	1.2539	.004	.312	.52053	.002	1
S5	2.5000	2.4990	-.001	-.039	1.0732	.001	1

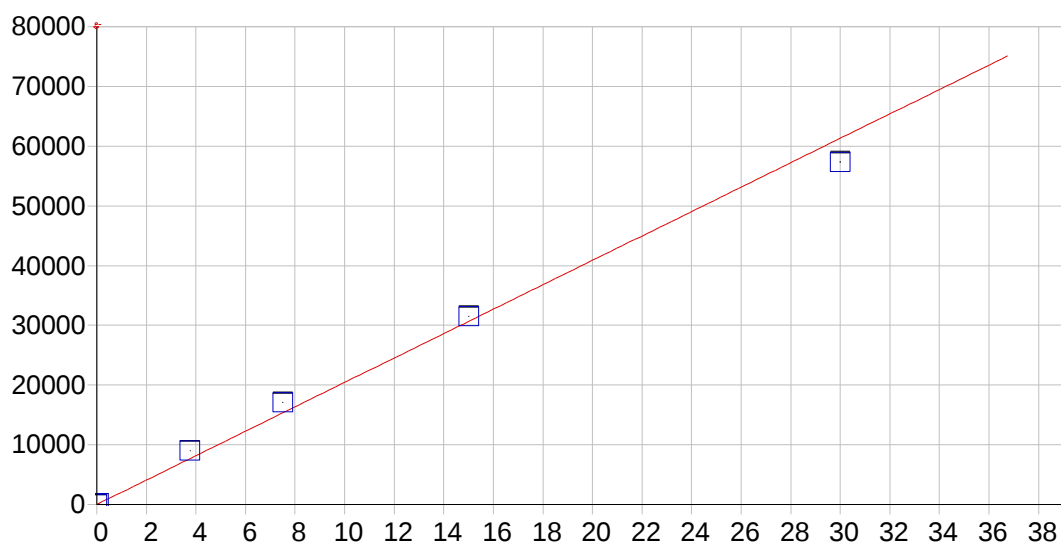


Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003932 Re-Slope: 1.000000
 A1 (Gain): 0.008220 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999552 Status: OK.
 Std Error of Est: 0.000761
 Predicted MDL: 0.318451
 Predicted MQL: 1.061504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	.00394	.003	1
S1	5.0000	5.2405	.241	4.81	.04701	.001	1
S2	37.500	36.281	-1.22	-3.25	.30216	.001	1
S3	75.000	70.854	-4.15	-5.53	.58633	.005	1
S4	150.00	143.03	-6.97	-4.64	1.1796	.014	1
S5	300.00	292.97	-7.03	-2.34	2.4121	.003	1
S6	800.00	819.12	19.1	2.39	6.7369	.026	1



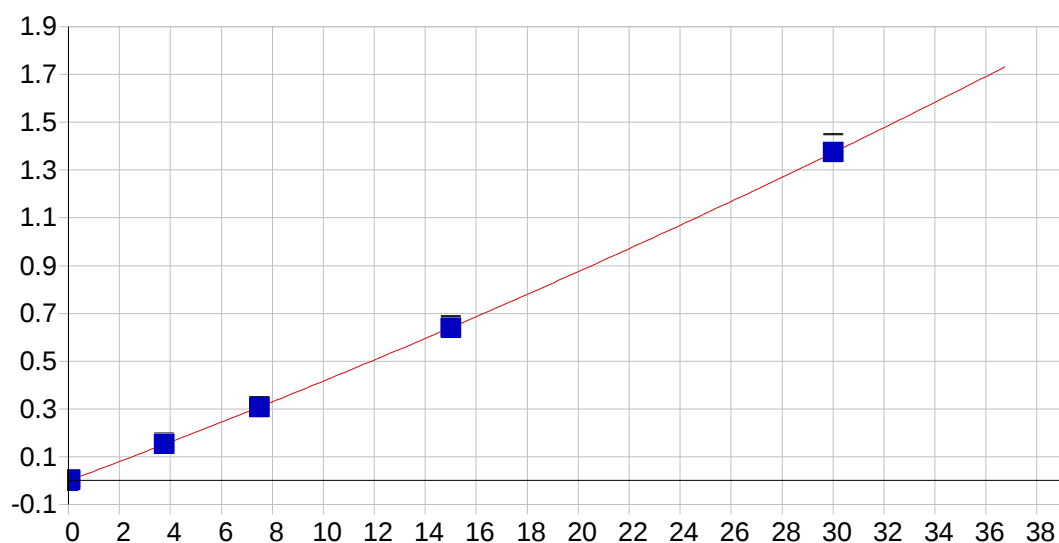


Zn 206.200 {464}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.300313 Re-Slope: 1.000000
 A1 (Gain): 2043.624833 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996893 Status: OK.
 Std Error of Est: 11.489829
 Predicted MDL: 0.000304
 Predicted MQL: 0.001015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	3.2280	.545	1
S1	.06000	.08048	.020	34.1	167.77	.528	1
S2	3.7500	4.3926	.643	17.1	8980.1	19.3	1
S3	7.5000	8.3546	.855	11.4	17077.	52.9	1
S4	15.000	15.421	.421	2.81	31518.	109.	1
S5	30.000	28.061	-1.94	-6.46	57350.	133.	1



Zn 213.856 {158}

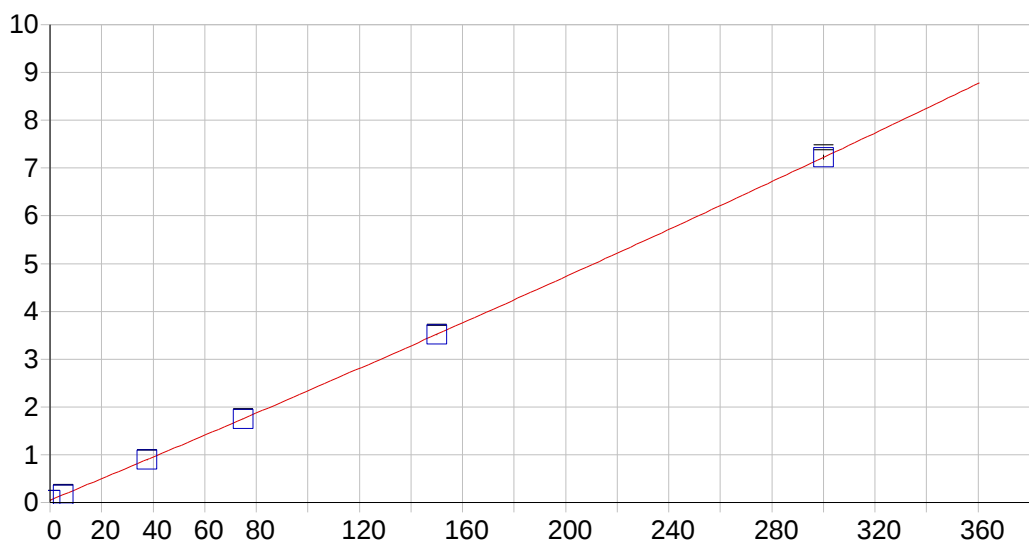
Date of Fit: 11/16/2018 19:49:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000848
 A1 (Gain): 0.039708
 A2 (Curvature): 0.000203
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000041
 Predicted MDL: 0.013773
 Predicted MQL: 0.045909

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00085	.000	1
S1	.06000	.08030	.020	33.8	.00235	.001	1
S2	3.7500	3.8137	.064	1.70	.15423	.003	1
S3	7.5000	7.4363	-.064	-.849	.30704	.003	1
S4	15.000	14.954	-.046	-.309	.64104	.007	1
S5	30.000	30.027	.027	.091	1.3798	.031	1

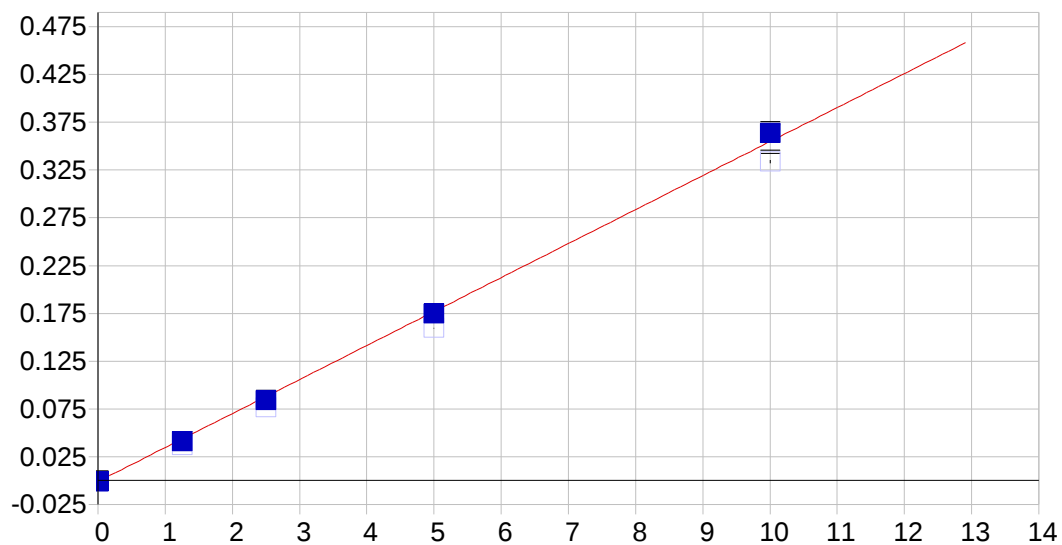


K 769.896 { 44}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.049797	Re-Slope: 1.000000
A1 (Gain):	0.022345	Y-int: 0.000000
A2 (Curvature):	0.000005	
n (Exponent):	1.000000	
Correlation:	0.999993	Status: Warning Positive Curvature
Std Error of Est:	0.000204	
Predicted MDL:	0.091352	
Predicted MQL:	0.304508	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	.000	.000	.04979	.001	1
S1	5.0000	5.1876	.188	3.75	.16585	.001	1
S2	37.500	37.597	.097	.259	.89727	.002	1
S3	75.000	74.815	-.185	-.246	1.7508	.005	1
S4	150.00	149.76	-.239	-.159	3.5133	.013	1
S5	300.00	300.14	.140	.047	7.2269	.047	1



Date of Fit: 11/16/2018 19:49:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000971

Re-Slope: 1.000000

A1 (Gain): 0.035581

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999482

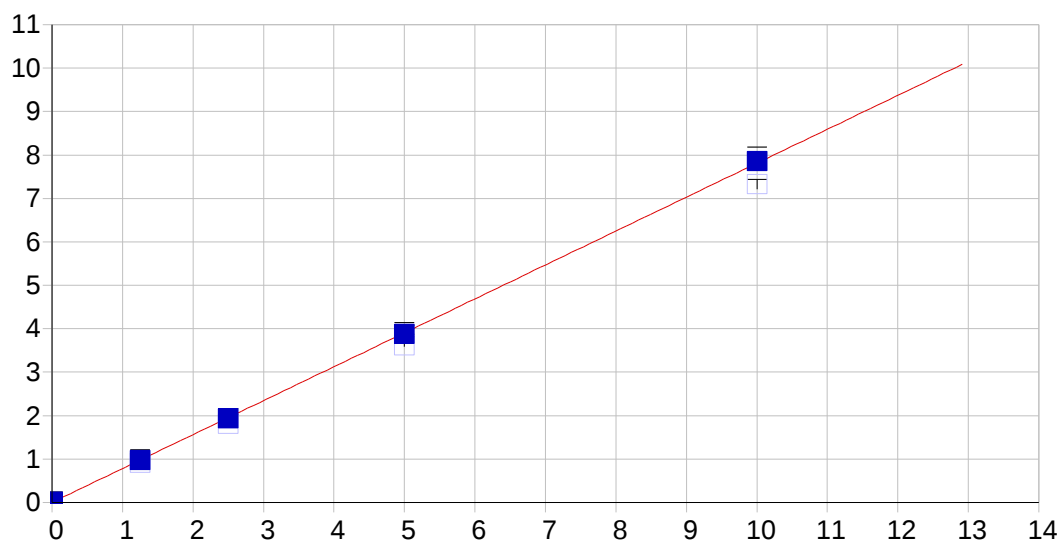
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.002738

Predicted MQL: 0.009126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00097	.000	1
S1	.01000	.01017	.000	1.71	-.00063	.000	1
S2	1.2500	1.1787	-.071	-5.70	.03723	.000	1
S3	2.5000	2.3872	-.113	-4.51	.07650	.000	1
S4	5.0000	4.9334	-.067	-1.33	.15962	.000	1
S5	10.000	10.250	.250	2.50	.33387	.002	1

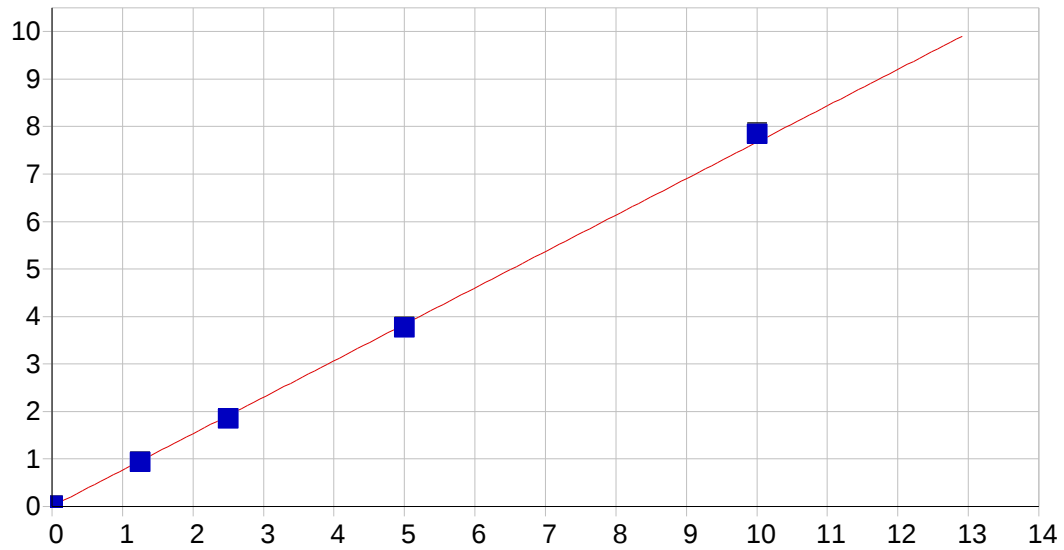


B 249.678 {135}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002105 Re-Slope: 1.000000
 A1 (Gain): 0.780910 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.000951
 Predicted MQL: 0.003169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00210	.000	1
S1	.01000	.01049	.000	4.93	.01017	.001	1
S2	1.2500	1.2476	-.002	-.192	.90960	.005	1
S3	2.5000	2.4777	-.022	-.891	1.8034	.001	1
S4	5.0000	4.9695	-.031	-.610	3.6157	.034	1
S5	10.000	10.055	.055	.546	7.3197	.108	1

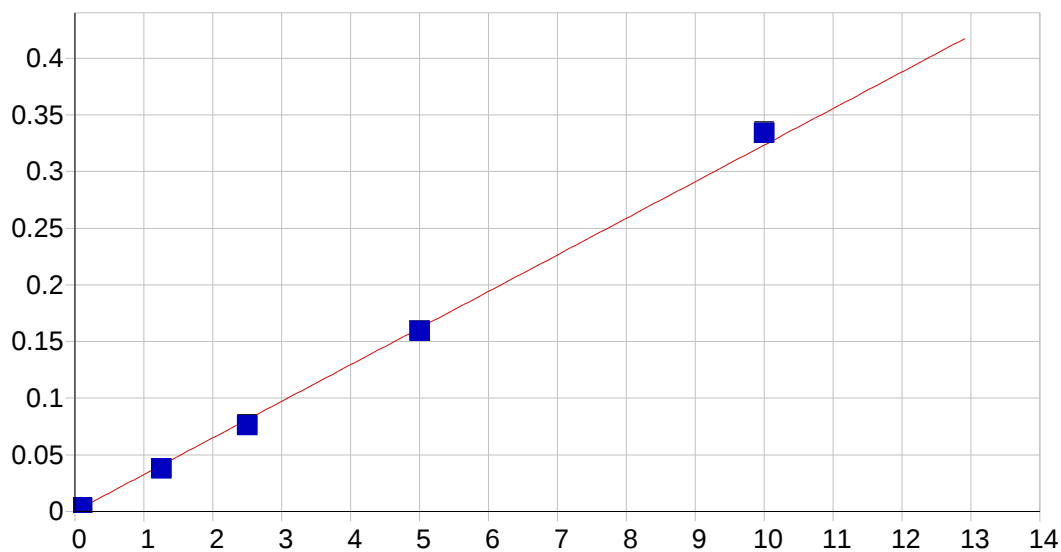


Mo 202.030 {467}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000606 Re-Slope: 1.000000
 A1 (Gain): 0.766920 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999699 Status: OK.
 Std Error of Est: 0.000315
 Predicted MDL: 0.000273
 Predicted MQL: 0.000911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.01000	.01043	.000	4.34	.00860	.000	1
S2	1.2500	1.2199	-.030	-2.41	.93612	.001	1
S3	2.5000	2.4032	-.097	-3.87	1.8436	.002	1
S4	5.0000	4.9040	-.096	-1.92	3.7614	.018	1
S5	10.000	10.223	.223	2.23	7.8401	.027	1

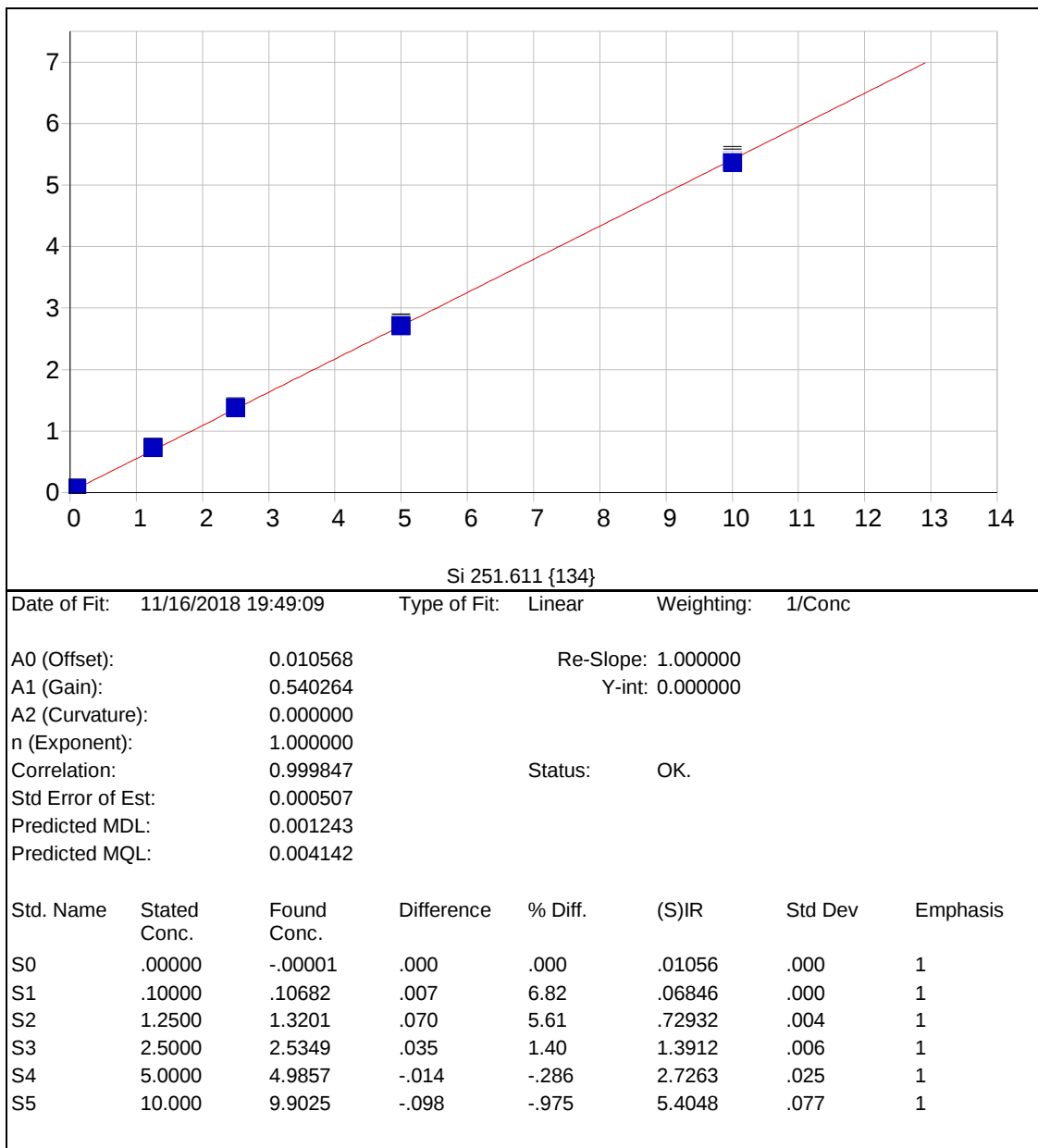


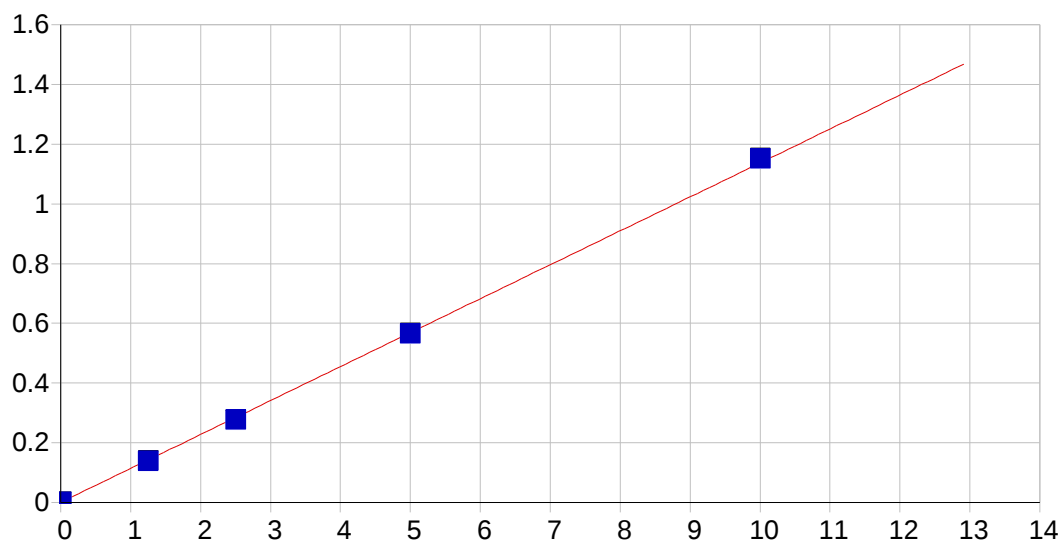
S 182.034 {485}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.032295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999241 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.003817
 Predicted MQL: 0.012723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00033	.000	1
S1	.10000	.09181	-.008	-8.19	.00329	.000	1
S2	1.2500	1.1600	-.090	-7.20	.03780	.000	1
S3	2.5000	2.3449	-.155	-6.21	.07608	.000	1
S4	5.0000	4.9251	-.075	-1.50	.15944	.000	1
S5	10.000	10.328	.328	3.28	.33399	.001	1



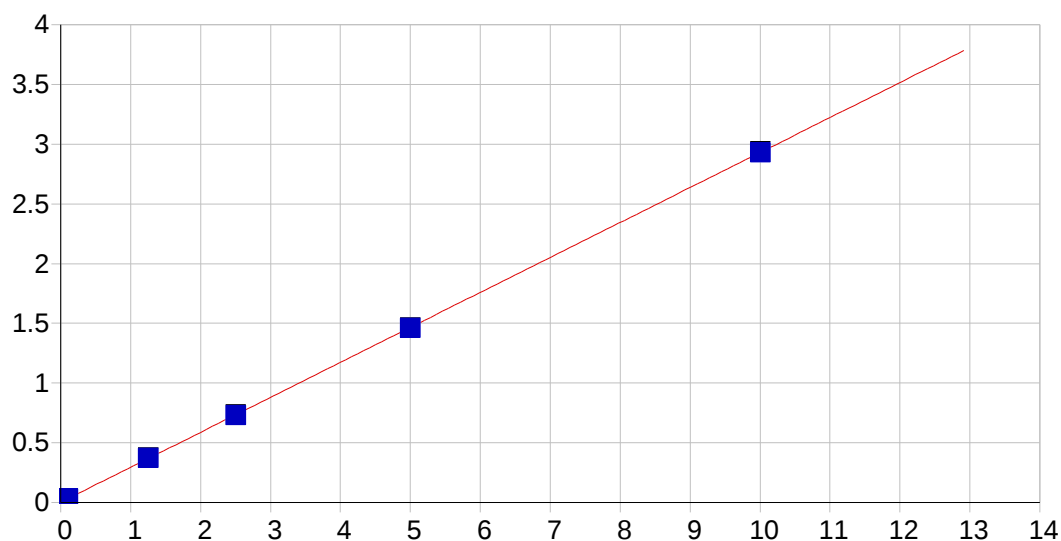


Sn 189.989 {478}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000441 Re-Slope: 1.000000
 A1 (Gain): 0.113661 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.001068
 Predicted MQL: 0.003560

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.00700	.00608	-.001	-13.1	.00110	.000	1
S2	1.2500	1.2165	-.033	-2.68	.13840	.000	1
S3	2.5000	2.4288	-.071	-2.85	.27587	.000	1
S4	5.0000	4.9723	-.028	-.555	.56433	.002	1
S5	10.000	10.133	.133	1.33	1.1497	.002	1

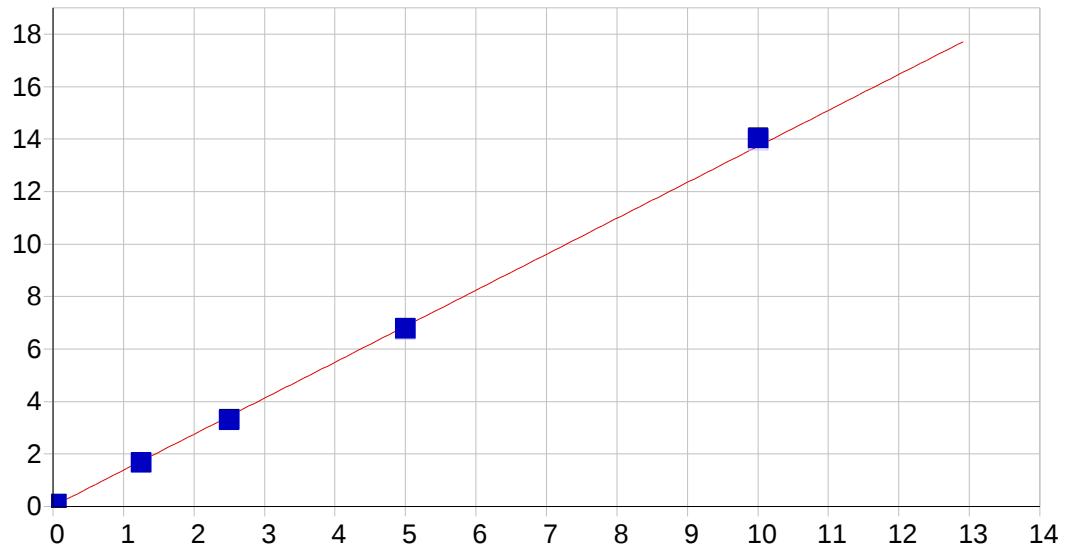


Ti 336.121 {100}

Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001776 Re-Slope: 1.000000
 A1 (Gain): 0.292810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.002299
 Predicted MQL: 0.007664

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00177	.000	1
S1	.10000	.10612	.006	6.12	.03284	.001	1
S2	1.2500	1.2687	.019	1.49	.73088	.001	1
S3	2.5000	2.4910	-.009	-.361	1.4614	.003	1
S4	5.0000	4.9867	-.013	-.266	2.9281	.005	1
S5	10.000	9.9976	-.002	-.024		.012	1



Li 670.784 { 50}

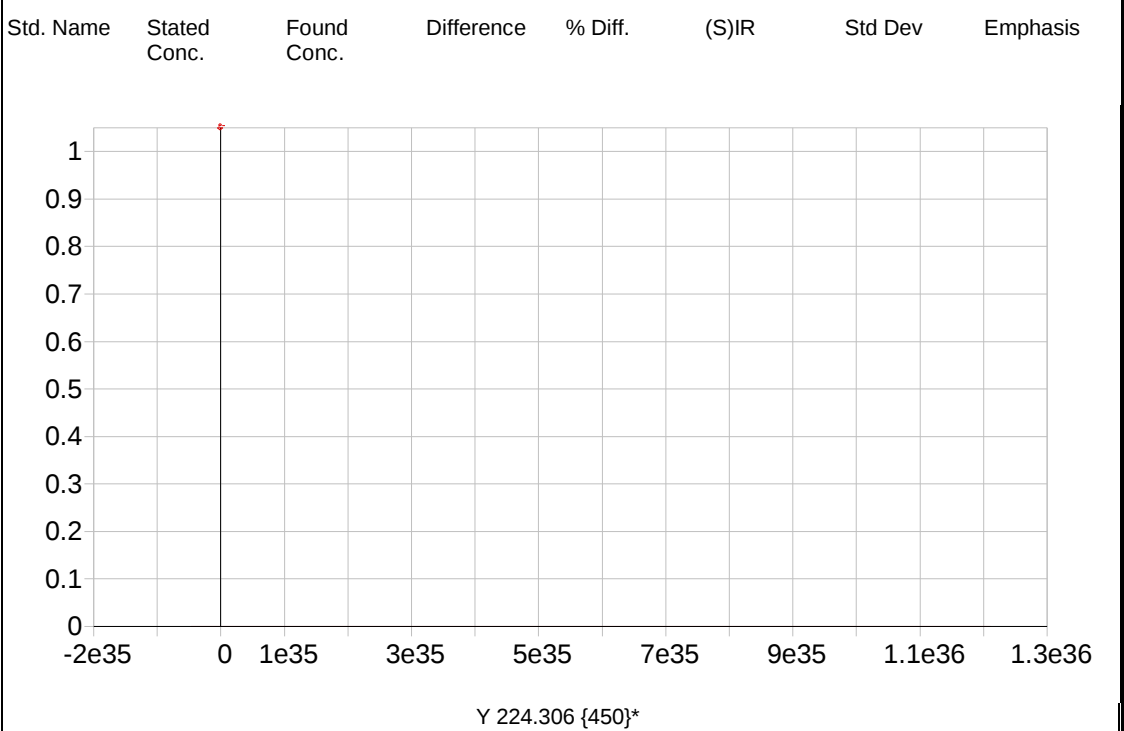
Date of Fit: 11/16/2018 19:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014514 Re-Slope: 1.000000
 A1 (Gain): 1.370672 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999681 Status: OK.
 Std Error of Est: 0.001293
 Predicted MDL: 0.001929
 Predicted MQL: 0.006431

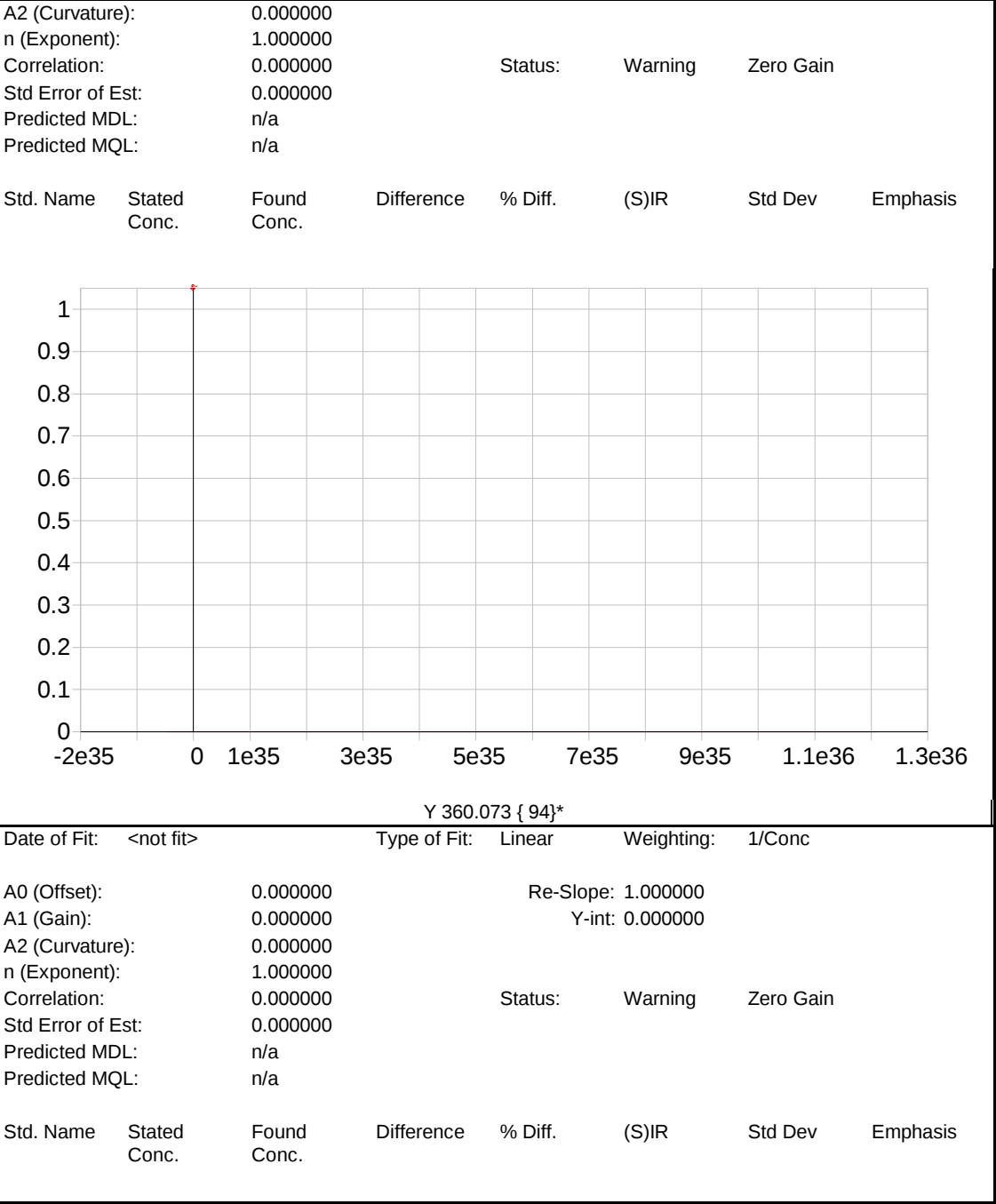
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01452	.000	1
S5	10.000	10.223	.223	2.23	13.950	.016	1
S4	5.0000	4.9239	-.076	-1.52	6.7250	.038	1
S3	2.5000	2.4026	-.097	-3.90	3.2884	.009	1
S2	1.2500	1.2041	-.046	-3.67	1.6554	.004	1
S1	.05000	.04635	-.004	-7.29	.07791	.001	1



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	



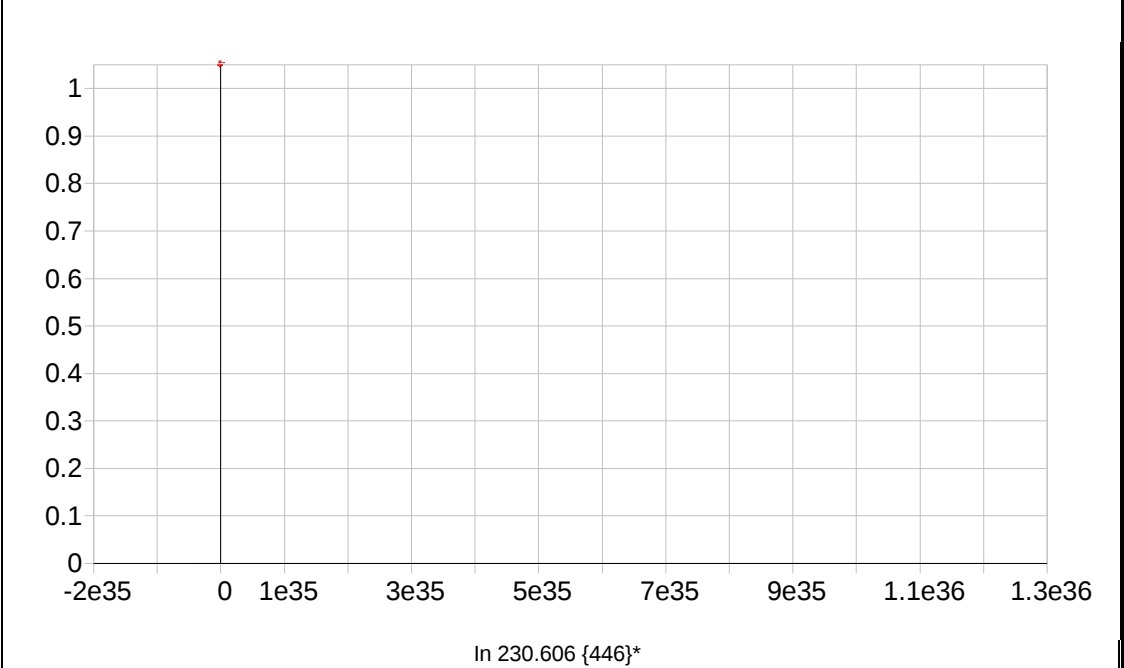
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



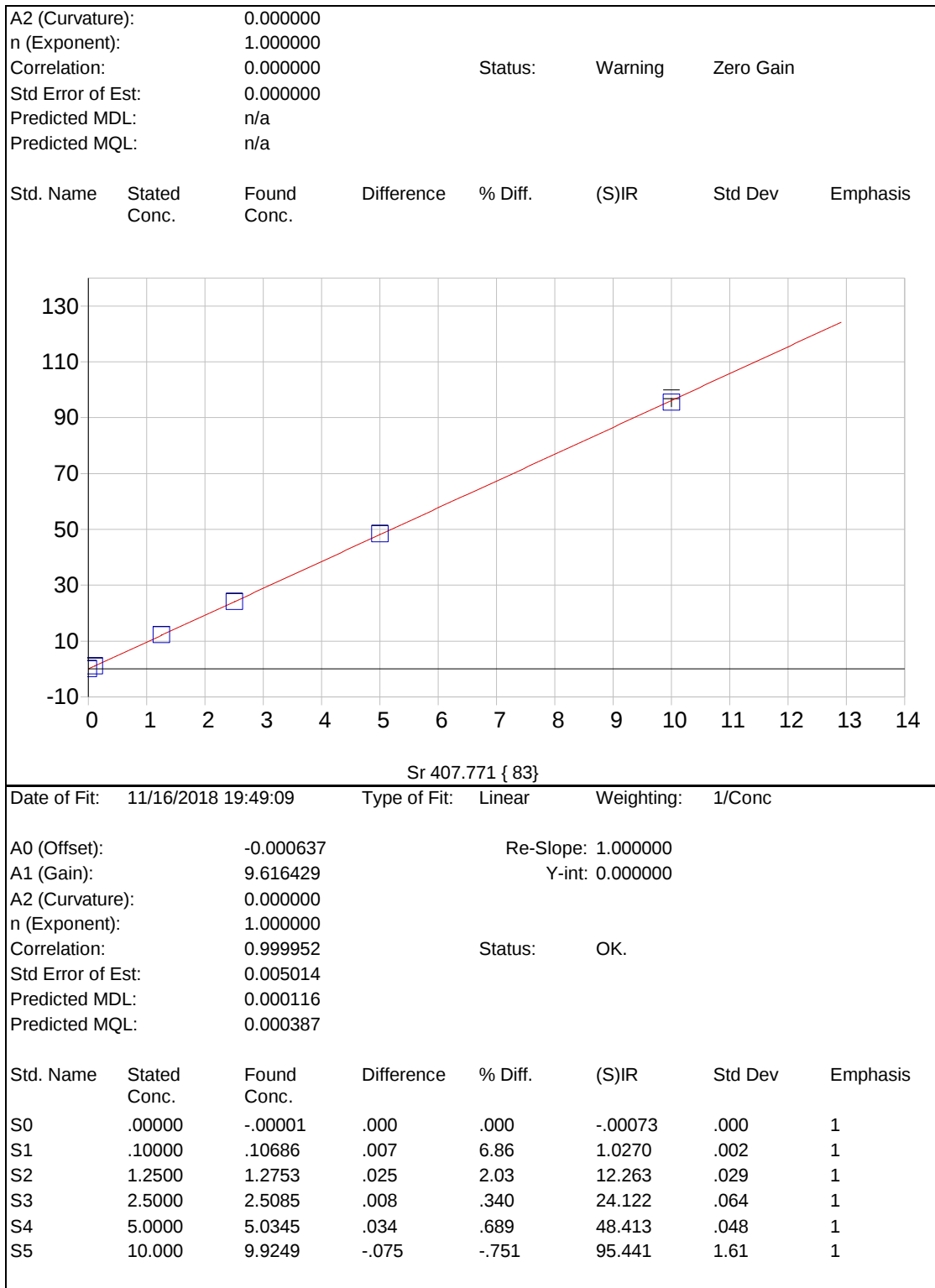


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 11/16/2018 15:04:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 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	-.00033	-.00045	-.00051	.00049	.00042	.00409	.01375	-.00382
Stddev	.00014	.00009	.00031	.00013	.00017	.00051	.00058	.00064
%RSD	42.326	20.681	61.477	25.891	40.853	12.588	4.2178	16.628
#1	-.00041	-.00042	-.00015	.00036	.00056	.00464	.01309	-.00418
#2	-.00040	-.00056	-.00073	.00062	.00023	.00400	.01417	-.00420
#3	-.00017	-.00038	-.00063	.00049	.00046	.00362	.01399	-.00309
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00026	.00350	.00010	.00019	.00103	.00008	-.00006	-.00004
Stddev	.00020	.00045	.00001	.00005	.00026	.00012	.00020	.00014
%RSD	78.765	12.847	10.256	25.614	25.142	142.89	325.25	303.69
#1	-.00036	.00397	.00011	.00014	.00114	.00001	-.00009	-.00020
#2	-.00002	.00307	.00009	.00020	.00121	.00002	.00015	.00000
#3	-.00038	.00347	.00010	.00023	.00073	.00022	-.00024	.00006
Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00135	-.00177	.00394	.00004	-.00085	.04979	-.00097	.00210
Stddev	.00029	.00003	.00293	.00052	.00042	.00142	.00001	.00038
%RSD	21.338	1.9763	74.487	1405.7	49.211	2.8615	1.3624	18.081
#1	-.00102	-.00181	.00662	-.00002	-.00095	.05112	-.00098	.00168
#2	-.00146	-.00176	.00081	.00058	-.00121	.04997	-.00096	.00222
#3	-.00156	-.00174	.00438	-.00046	-.00039	.04829	-.00098	.00241
Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00061	.00033	.01056	.00044	.00177	.01452	-.00073	
Stddev	.00018	.00011	.00034	.00011	.00011	.00028	.00030	
%RSD	29.883	33.823	3.2423	24.278	6.4520	1.9388	41.960	
#1	.00046	.00021	.01021	.00046	.00184	.01485	-.00073	
#2	.00081	.00034	.01058	.00032	.00184	.01437	-.00042	
#3	.00055	.00043	.01089	.00053	.00164	.01435	-.00103	

Sample Name: S0 Acquired: 11/16/2018 15:04:03 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.4	3071.8	33535.	4330.4	3682.0
Stddev	1.7	6.6	59.	26.9	9.7
%RSD	.10953	.21613	.17525	.62157	.26363
#1	1538.1	3068.5	33522.	4299.5	3672.7
#2	1541.3	3067.5	33599.	4342.6	3681.2
#3	1538.8	3079.5	33484.	4349.0	3692.1

Sample Name: S1 Acquired: 11/16/2018 15:08:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S01 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	.00005	.00093	.00183	.00334	.00823	.01664	.61600	.05195
Stddev	.00022	.00004	.00023	.00013	.00028	.00024	.00312	.00030
%RSD	408.07	4.8179	12.463	3.9687	3.3703	1.4687	.50724	.58575

#1	.00027	.00088	.00156	.00336	.00846	.01656	.61264	.05225
#2	-.00018	.00097	.00194	.00346	.00792	.01692	.61882	.05195
#3	.00007	.00092	.00198	.00320	.00830	.01646	.61653	.05164

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01585	.25378	.00194	.04397	.00418	.00135	.00361	.02376
Stddev	.00034	.00058	.00008	.00033	.00046	.00003	.00013	.00019
%RSD	2.1579	.22679	4.1497	.75484	11.025	1.9524	3.6169	.78679

#1	.01553	.25405	.00184	.04394	.00414	.00132	.00375	.02397
#2	.01581	.25312	.00197	.04365	.00466	.00136	.00358	.02371
#3	.01621	.25418	.00200	.04431	.00374	.00137	.00349	.02361

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01962	.00273	.04701	.00249	.00235	.16585	-.00063	.01017
Stddev	.00011	.00011	.00101	.00027	.00059	.00128	.00005	.00059
%RSD	.55742	4.1473	2.1496	10.862	25.274	.76877	8.3936	5.7535

#1	.01950	.00282	.04623	.00223	.00267	.16590	-.00068	.01080
#2	.01965	.00276	.04815	.00245	.00167	.16710	-.00064	.00964
#3	.01972	.00260	.04664	.00277	.00272	.16455	-.00058	.01008

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00860	.00329	.06846	.00110	.03284	.07791	1.0270	
Stddev	.00013	.00003	.00013	.00013	.00053	.00148	.0018	
%RSD	1.4923	1.0338	.18287	11.724	1.6215	1.9011	.17746	

#1	.00871	.00329	.06846	.00108	.03223	.07656	1.0253	
#2	.00864	.00332	.06859	.00124	.03316	.07769	1.0267	
#3	.00846	.00326	.06834	.00098	.03313	.07949	1.0289	

Sample Name: S1 Acquired: 11/16/2018 15:08:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.6	3067.9	34128.	4366.7	3729.8
Stddev	8.1	5.6	150.	15.4	6.8
%RSD	.51603	.18185	.43924	.35372	.18275
#1	1568.6	3072.8	33956.	4366.1	3735.7
#2	1573.5	3061.8	34233.	4351.6	3731.4
#3	1557.7	3068.9	34195.	4382.5	3722.4

Sample Name: S2 Acquired: 11/16/2018 15:12:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 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	.04765	.06650	1.3191	.09062	.15449	2.2484	6.9984	1.3286
Stddev	.00024	.00019	.0014	.00029	.00046	.0010	.0227	.0068
%RSD	.49707	.29022	.10231	.32005	.29623	.04628	.32399	.51306

#1	.04790	.06654	1.3177	.09085	.15442	2.2493	6.9983	1.3364
#2	.04743	.06629	1.3204	.09072	.15499	2.2487	6.9757	1.3240
#3	.04762	.06667	1.3191	.09029	.15408	2.2473	7.0211	1.3255

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8323	2.8802	.64585	.52719	.36676	.40060	.81521	.28788
Stddev	.0036	.0180	.00099	.00090	.00119	.00156	.00674	.00208
%RSD	.19377	.62533	.15331	.17093	.32527	.38921	.82640	.72146

#1	1.8292	2.8793	.64483	.52616	.36548	.40131	.81899	.28895
#2	1.8315	2.8627	.64591	.52781	.36694	.40167	.80744	.28921
#3	1.8362	2.8987	.64680	.52761	.36785	.39881	.81922	.28549

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.30133	.12502	.30216	.02608	.15423	.89727	.03723	.90960
Stddev	.00046	.00043	.00112	.00022	.00262	.00192	.00009	.00548
%RSD	.15317	.34335	.36983	.84869	1.6983	.21438	.23989	.60226

#1	.30119	.12465	.30235	.02624	.15242	.89902	.03715	.91535
#2	.30096	.12549	.30316	.02617	.15304	.89521	.03722	.90900
#3	.30185	.12492	.30095	.02583	.15724	.89759	.03733	.90444

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.93612	.03780	.72932	.13840	.37312	1.6554	12.263	
Stddev	.00126	.00019	.00388	.00037	.00138	.0042	.029	
%RSD	.13484	.51475	.53201	.26412	.36926	.25145	.23263	

#1	.93673	.03774	.73364	.13810	.37311	1.6516	12.256	
#2	.93697	.03764	.72819	.13829	.37175	1.6598	12.239	
#3	.93467	.03802	.72613	.13881	.37450	1.6547	12.295	

Sample Name: S2 Acquired: 11/16/2018 15:12:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.8	2951.6	33778.	4323.8	3517.6
Stddev	6.2	9.3	150.	29.8	4.0
%RSD	.41154	.31570	.44312	.68948	.11472
#1	1507.7	2945.5	33641.	4290.7	3513.4
#2	1519.0	2946.9	33938.	4332.1	3518.0
#3	1508.7	2962.3	33757.	4348.5	3521.4

Sample Name: S3 Acquired: 11/16/2018 15:16:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 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	.09537	.13125	2.6193	.17599	.30328	4.4450	13.858	2.5781
Stddev	.00018	.00030	.0069	.00057	.00037	.0167	.018	.0100
%RSD	.19190	.22569	.26513	.32581	.12321	.37524	.12773	.38886

#1	.09536	.13100	2.6158	.17539	.30305	4.4511	13.878	2.5894
#2	.09555	.13117	2.6149	.17653	.30306	4.4262	13.855	2.5701
#3	.09519	.13157	2.6273	.17606	.30371	4.4578	13.843	2.5750

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6090	5.6179	1.2514	1.0477	.71629	.77921	1.5888	.56978
Stddev	.0071	.0103	.0013	.0030	.00331	.00596	.0032	.00559
%RSD	.19682	.18335	.10624	.28582	.46224	.76510	.20087	.98090

#1	3.6045	5.6280	1.2529	1.0463	.71492	.78323	1.5925	.57191
#2	3.6053	5.6183	1.2506	1.0456	.71389	.77236	1.5871	.56344
#3	3.6172	5.6074	1.2506	1.0511	.72007	.78204	1.5868	.57399

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.59637	.25270	.58633	.05125	.30704	1.7508	.07650	1.8034
Stddev	.00113	.00007	.00477	.00037	.00263	.0046	.00016	.0013
%RSD	.18999	.02720	.81400	.71844	.85528	.26547	.21493	.06970

#1	.59548	.25269	.58928	.05115	.30797	1.7490	.07664	1.8044
#2	.59600	.25277	.58083	.05094	.30407	1.7472	.07632	1.8020
#3	.59765	.25263	.58889	.05166	.30907	1.7560	.07654	1.8040

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.8436	.07608	1.3912	.27587	.73088	3.2884	24.122	
Stddev	.0019	.00037	.0061	.00038	.00320	.0093	.064	
%RSD	.10288	.48701	.43720	.13682	.43841	.28208	.26463	

#1	1.8434	.07576	1.3980	.27593	.73396	3.2902	24.167	
#2	1.8456	.07649	1.3890	.27546	.72756	3.2783	24.049	
#3	1.8418	.07599	1.3865	.27621	.73113	3.2966	24.150	

Sample Name: S3 Acquired: 11/16/2018 15:16:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.2	2912.9	33945.	4371.9	3411.9
Stddev	6.2	3.7	63.	14.7	1.2
%RSD	.41647	.12648	.18684	.33578	.03552
#1	1495.8	2913.6	33999.	4355.1	3412.7
#2	1483.5	2908.9	33875.	4378.1	3412.5
#3	1491.4	2916.2	33960.	4382.4	3410.5

Sample Name: S4 Acquired: 11/16/2018 15:20:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 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	.19509	.26054	5.3106	.34904	.61882	9.0134	27.999	5.0758
Stddev	.00037	.00025	.0056	.00123	.00160	.0354	.016	.0464
%RSD	.19068	.09458	.10548	.35330	.25778	.39268	.05812	.91512

#1	.19524	.26037	5.3155	.34781	.61708	9.0364	27.982	5.0825
#2	.19537	.26082	5.3117	.34905	.61917	8.9726	28.002	5.0264
#3	.19467	.26042	5.3045	.35027	.62021	9.0311	28.014	5.1185

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.2469	11.152	2.4662	2.1110	1.4327	1.5398	3.1260	1.1499
Stddev	.0112	.043	.0035	.0018	.0007	.0224	.0292	.0130
%RSD	.15457	.38257	.14128	.08731	.04771	1.4538	.93358	1.1322

#1	7.2383	11.103	2.4658	2.1126	1.4321	1.5605	3.0927	1.1612
#2	7.2429	11.173	2.4629	2.1114	1.4335	1.5160	3.1472	1.1357
#3	7.2596	11.180	2.4698	2.1090	1.4326	1.5428	3.1380	1.1529

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1979	.52053	1.1796	.10228	.64104	3.5133	.15962	3.6157
Stddev	.0019	.00193	.0136	.00104	.00694	.0129	.00026	.0335
%RSD	.16044	.37080	1.1509	1.0174	1.0833	.36832	.16159	.92725

#1	1.1985	.52166	1.1940	.10239	.64799	3.5257	.15938	3.6179
#2	1.1994	.52163	1.1670	.10119	.63410	3.4999	.15961	3.5812
#3	1.1957	.51830	1.1779	.10326	.64104	3.5144	.15989	3.6481

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.7614	.15944	2.7263	.56433	1.4614	6.7250	48.413	
Stddev	.0178	.00046	.0255	.00182	.0047	.0376	.048	
%RSD	.47286	.28893	.93473	.32209	.32291	.55844	.09866	

#1	3.7448	.15895	2.7274	.56238	1.4636	6.7681	48.459	
#2	3.7592	.15951	2.7003	.56466	1.4560	6.7081	48.417	
#3	3.7802	.15986	2.7512	.56597	1.4645	6.6989	48.363	

Sample Name: S4 Acquired: 11/16/2018 15:20:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.4	2711.2	33033.	4318.0	3161.5
Stddev	13.3	9.5	120.	28.5	2.6
%RSD	.95501	.35095	.36476	.66090	.08127
#1	1381.6	2720.0	32896.	4291.6	3162.2
#2	1400.3	2712.6	33079.	4348.2	3163.6
#3	1407.4	2701.1	33123.	4314.1	3158.6

Sample Name: S5 Acquired: 11/16/2018 15:24:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 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	.41014	.51202	10.798	.70199	1.3029	18.561	55.760	10.110
Stddev	.00299	.00056	.026	.00306	.0047	.034	.685	.144
%RSD	.72884	.10897	.23784	.43657	.36431	.18082	1.2282	1.4200

#1	.40714	.51202	10.790	.69872	1.2977	18.550	55.853	10.275
#2	.41017	.51146	10.778	.70245	1.3042	18.534	55.034	10.037
#3	.41312	.51257	10.827	.70479	1.3069	18.598	56.394	10.017

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.456	22.164	4.8415	4.2627	2.8830	3.0953	6.0785	2.3894
Stddev	.026	.090	.0084	.0070	.0049	.0239	.0409	.0216
%RSD	.18124	.40651	.17348	.16405	.16870	.77262	.67218	.90328

#1	14.439	22.263	4.8447	4.2624	2.8864	3.0684	6.1242	2.3646
#2	14.442	22.086	4.8478	4.2559	2.8774	3.1143	6.0455	2.4040
#3	14.486	22.143	4.8319	4.2699	2.8851	3.1031	6.0657	2.3997

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4037	1.0732	2.4121	.20598	1.3798	7.2269	.33387	7.3197
Stddev	.0043	.0006	.0032	.00093	.0313	.0470	.00169	.1083
%RSD	.17866	.05379	.13307	.44945	2.2693	.65041	.50494	1.4794

#1	2.4026	1.0727	2.4147	.20495	1.3437	7.2781	.33320	7.4353
#2	2.4000	1.0738	2.4085	.20624	1.3991	7.1856	.33262	7.3032
#3	2.4084	1.0732	2.4131	.20674	1.3966	7.2171	.33579	7.2206

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.8401	.33399	5.4048	1.1497	2.9281	13.950	95.441	
Stddev	.0266	.00114	.0771	.0023	.0118	.016	1.613	
%RSD	.33975	.34183	1.4261	.20254	.40123	.11725	1.6899	

#1	7.8114	.33279	5.4896	1.1475	2.9162	13.944	97.284	
#2	7.8449	.33411	5.3857	1.1495	2.9283	13.937	94.284	
#3	7.8641	.33507	5.3391	1.1521	2.9397	13.968	94.756	

Sample Name: S5 Acquired: 11/16/2018 15:24:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.1	2465.2	32231.	4229.5	2911.4
Stddev	4.1	2.8	80.	49.6	2.2
%RSD	.32675	.11373	.24723	1.1734	.07657
#1	1266.7	2468.4	32264.	4172.2	2909.0
#2	1261.0	2463.4	32288.	4261.0	2913.3
#3	1258.6	2463.7	32140.	4255.2	2912.0

Sample Name: S6 Acquired: 11/16/2018 15:28:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	50.322	36.518	8.2718	3.8327	6.7369
Stddev	.119	.081	.0729	.0367	.0263
%RSD	.23691	.22262	.88158	.95751	.38996

#1	50.186	36.573	8.1875	3.7903	6.7119
#2	50.376	36.424	8.3140	3.8528	6.7344
#3	50.405	36.556	8.3137	3.8549	6.7643

Int. Std.	Y_3710
Units	Cts/S
Avg	4093.8
Stddev	11.8
%RSD	.28704

#1	4107.2
#2	4088.7
#3	4085.5

Sample Name: ICV Acquired: 11/16/2018 15:38:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9310170	.9786742	.9198562	1.003686	.9284980	2.348844	.4774515
Stddev	.0006702	.0022062	.0034470	.004170	.0057489	.021472	.0023323
%RSD	.0719890	.2254244	.3747354	.4154820	.6191645	.9141726	.4884858

#1	.9317351	.9799406	.9234948	.999515	.9220945	2.329722	.4793574
#2	.9309078	.9799552	.9194343	1.007856	.9301839	2.372073	.4781464
#3	.9304080	.9761267	.9166395	1.003686	.9332154	2.344736	.4748508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4699820	.4797966	9.564739	.5104400	.4738847	.4555769	5.152930
Stddev	.0008579	.0004911	.049661	.0005894	.0008106	.0016158	.004383
%RSD	.1825307	.1023491	.5192139	.1154668	.1710626	.3546799	.0850627

#1	.4693092	.4792649	9.612091	.5109012	.4747487	.4537112	5.151545
#2	.4696886	.4798917	9.569073	.5097760	.4737647	.4564912	5.157839
#3	.4709480	.4802332	9.513052	.5106428	.4731408	.4565282	5.149407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4832253	5.590936	.4857133	.4524273	9.368080	.4931924	1.002145
Stddev	.0037662	.049999	.0009245	.0009896	.270924	.0107667	.004383
%RSD	.7793946	.8942938	.1903373	.2187319	2.891992	2.183060	.4373114

#1	.4819226	5.630332	.4866507	.4527080	9.076726	.5017578	.997118
#2	.4874699	5.534687	.4848023	.4532462	9.415095	.4811061	1.004156
#3	.4802834	5.607787	.4856868	.4513276	9.612421	.4967134	1.005162

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.050153	5.004103	5.237127	5.383210	5.214184	5.320396	5.382862
Stddev	.086681	.024085	.065528	.028888	.013829	.077651	.027963
%RSD	.9577858	.4813115	1.251218	.5366334	.2652154	1.459503	.5194755

#1	8.952077	4.991117	5.173350	5.409415	5.198338	5.242225	5.406626
#2	9.081887	4.989297	5.233756	5.387982	5.223818	5.321447	5.389911
#3	9.116495	5.031894	5.304276	5.352233	5.220395	5.397517	5.352049

Sample Name: ICV Acquired: 11/16/2018 15:38:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.406631	4.912501	5.372297
Stddev	.013317	.006463	.016026
%RSD	.2463096	.1315575	.2983132

#1	5.400832	4.909867	5.357560
#2	5.397197	4.919865	5.369973
#3	5.421864	4.907771	5.389359

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1579.725	3039.992	34865.77	4541.054	3759.155
Stddev	9.021	6.941	255.97	11.317	8.315
%RSD	.5710705	.2283244	.7341562	.2492147	.2211935

#1	1569.492	3044.546	34570.29	4531.879	3752.189
#2	1583.152	3043.427	35019.74	4537.582	3768.360
#3	1586.530	3032.004	35007.27	4553.700	3756.915

Sample Name: ICB Acquired: 11/16/2018 15:46:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000169	-.002153	.0011703	.0009021	.0004426	.0015074	-.001467
Stddev	.002986	.003042	.0014871	.0020041	.0005515	.0077619	.001011
%RSD	1764.334	141.2742	127.0732	222.1577	124.5924	514.9305	68.96180

#1	.000226	.001337	.0003726	.0006188	-.000173	.0087790	-.001560
#2	.002599	-.003553	.0028861	.0030327	.000611	.0024090	-.002428
#3	-.003333	-.004244	.0002522	-.000945	.000891	-.006666	-.000412

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000402	.0000259	-.009975	-.000278	-.000248	.0005702	.0146701
Stddev	.0000197	.0000379	.015919	.000825	.000085	.0038518	.0234752
%RSD	49.02837	145.9846	159.5873	296.4471	34.11792	675.5048	160.0215

#1	.0000601	-.000016	-.012381	-.000423	-.000306	.0031728	.0096983
#2	.0000398	.000036	.007010	.000610	-.000287	-.003855	-.005921
#3	.0000207	.000058	-.024554	-.001021	-.000151	.002392	.040233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000363	-.010914	.0003761	.0004124	-.162747	.0000309	.0092541
Stddev	.000648	.041761	.0003689	.0002030	.215084	.0039875	.0227718
%RSD	178.6030	382.6277	98.06945	49.23133	132.1585	12913.74	246.0725

#1	.000371	.014345	.0005952	.0002836	-.286041	.0008796	.0280660
#2	-.000602	.012029	-.000050	.0006464	-.287809	.0035257	-.016062
#3	-.000856	-.059117	.000583	.0003071	.085608	-.004313	.015758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.137612	-.000719	.0035218	.0001541	-.001767	-.003366	-.000647
Stddev	.039522	.001387	.0008450	.0002379	.002389	.000906	.000497
%RSD	28.71945	192.8567	23.99458	154.4340	135.1509	26.90628	76.70336

#1	-.145322	-.001834	.0027773	-.000084	-.002184	-.003656	-.000188
#2	-.172711	.000833	.0033477	.000155	.000802	-.004091	-.000581
#3	-.094804	-.001156	.0044403	.000391	-.003920	-.002351	-.001174

Sample Name: ICB Acquired: 11/16/2018 15:46:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001299	.0064925	-.000012
Stddev	.000301	.0010317	.000078
%RSD	23.18730	15.89038	629.6566

#1	-.001333	.0053034	-.000029
#2	-.000983	.0071496	.000073
#3	-.001583	.0070244	-.000081

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.572	3032.190	34601.68	4586.158	3743.659
Stddev	9.772	5.237	226.70	57.725	10.330
%RSD	.6218110	.1727078	.6551567	1.258682	.2759360

#1	1572.348	3027.212	34521.92	4648.150	3732.027
#2	1561.435	3037.652	34425.65	4576.375	3751.763
#3	1580.933	3031.705	34857.48	4533.950	3747.186

Sample Name: ICSA Acquired: 11/16/2018 15:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004606	-.004035	.0019765	.0097998	.0061042	237.1165	.0036052
Stddev	.004378	.001350	.0014237	.0066982	.0009854	1.0892	.0003630
%RSD	95.04784	33.46642	72.03233	68.34968	16.14244	.4593569	10.06755

#1	-.007402	-.004577	.0021209	.0094704	.0071924	236.1400	.0032991
#2	.000439	-.005030	.0004861	.0032725	.0052722	236.9184	.0035104
#3	-.006855	-.002498	.0033224	.0166566	.0058481	238.2912	.0040062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009695	-.000079	235.2497	.0496451	-.000159	-.002950	101.6862
Stddev	.0000193	.000102	1.4657	.0005194	.000048	.001932	.5056
%RSD	1.985906	129.6772	.6230377	1.046135	30.08804	65.49289	.4972480

#1	.0009498	-.000164	233.5628	.0491463	-.000174	-.005135	101.7245
#2	.0009883	.000035	236.2111	.0501828	-.000198	-.002246	101.1625
#3	.0009703	-.000107	235.9753	.0496064	-.000106	-.001469	102.1716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102540	252.2314	.0008359	.0020581	.3726627	.0066977	.0031798
Stddev	.0005270	1.8620	.0002991	.0004643	.0816782	.0025653	.0022697
%RSD	5.139562	.7382136	35.77608	22.55980	21.91745	38.30140	71.37933

#1	.0098897	252.7363	.0006781	.0024947	.3103339	.0037593	.0007306
#2	.0108583	250.1690	.0011809	.0021091	.4651269	.0078426	.0052123
#3	.0100140	253.7888	.0006489	.0015703	.3425273	.0084911	.0035964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.490060	-.008750	.0037570	.0012800	.0032511	-.005433	-.004958
Stddev	.042024	.002773	.0009842	.0002897	.0022156	.000456	.000416
%RSD	8.575329	31.68901	26.19537	22.63227	68.15023	8.385606	8.391101

#1	-.535484	-.005554	.0037311	.0015041	.0051360	-.005072	-.004486
#2	-.452566	-.010185	.0027861	.0013831	.0008105	-.005945	-.005272
#3	-.482129	-.010513	.0047538	.0009529	.0038068	-.005281	-.005115

Sample Name: ICSA Acquired: 11/16/2018 15:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001715	.0100732	.0991619
Stddev	.001112	.0008651	.0007137
%RSD	64.82694	8.588221	.7197677

#1	-.000457	.0105457	.0983479
#2	-.002123	.0105992	.0994577
#3	-.002565	.0090748	.0996803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1491.289	2789.947	33461.25	4489.181	3326.534
Stddev	10.332	5.734	173.54	5.382	13.470
%RSD	.6928392	.2055233	.5186366	.1198781	.4049132

#1	1493.869	2784.141	33363.09	4491.678	3311.480
#2	1479.911	2795.606	33359.04	4483.004	3337.446
#3	1500.086	2790.095	33661.63	4492.860	3330.677

Sample Name: ICSAB Acquired: 11/16/2018 16:03:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910187	.1011373	.0483785	.0618331	.6405643	233.3097	.4999126
Stddev	.0019314	.0037084	.0020321	.0026516	.0045158	.4372	.0017355
%RSD	2.121965	3.666752	4.200514	4.288320	.7049750	.1873832	.3471523

#1	.0925904	.0986793	.0465171	.0607261	.6446547	232.9997	.4988822
#2	.0888626	.1054029	.0480719	.0648588	.6413198	233.1197	.5019162
#3	.0916031	.0993295	.0505465	.0599143	.6357184	233.8097	.4989393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4962552	.9957214	230.9672	.5744495	.4896919	.4621681	100.2740
Stddev	.0014821	.0023083	.8519	.0009161	.0005309	.0050057	.6276
%RSD	.2986646	.2318184	.3688362	.1594782	.1084102	1.083091	.6258861

#1	.4969350	.9958160	230.0480	.5734147	.4902878	.4575943	100.5227
#2	.4972754	.9933673	231.7301	.5751572	.4892693	.4675156	99.5602
#3	.4945551	.9979809	231.1236	.5747766	.4895187	.4613945	100.7392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4975025	248.2867	.9978996	.2029664	.2514262	.5083158	1.059692
Stddev	.0034540	1.2184	.0020555	.0008114	.1189878	.0026676	.009947
%RSD	.6942742	.4907268	.2059801	.3997900	47.32512	.5247945	.9386544

#1	.5013177	248.0968	.9975291	.2034651	.3454072	.5081881	1.069454
#2	.4966015	247.1744	.9960545	.2034040	.2912330	.5057144	1.060053
#3	.4945882	249.5889	1.000115	.2020301	.1176384	.5110450	1.049570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.660951	.0048392	.0016229	.0011656	-.003460	-.004550	-.006143
Stddev	.017316	.0013263	.0015632	.0003410	.004613	.000509	.001340
%RSD	2.619833	27.40639	96.32030	29.25242	133.3246	11.19618	21.82038

#1	-.666100	.0052501	.0026047	.0015590	.001426	-.004898	-.005259
#2	-.675109	.0059115	-.000180	.0009555	-.007739	-.004786	-.007685
#3	-.641645	.0033562	.002444	.0009822	-.004067	-.003965	-.005485

Sample Name: ICSAB Acquired: 11/16/2018 16:03:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002753	.0083397	.0976229
Stddev	.001168	.0009659	.0003308
%RSD	42.43314	11.58170	.3388422

#1	-.001743	.0081015	.0976033
#2	-.004033	.0094023	.0979630
#3	-.002485	.0075151	.0973023

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.145	2787.605	33639.58	4509.297	3338.971
Stddev	5.061	6.001	51.15	18.393	6.579
%RSD	.3382704	.2152652	.1520636	.4078871	.1970506

#1	1496.125	2782.752	33658.14	4489.094	3331.412
#2	1501.216	2785.748	33678.87	4525.070	3343.407
#3	1491.094	2794.314	33581.74	4513.728	3342.094

Sample Name: CCV010 Acquired: 11/16/2018 16:07:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.081881	5.099952	25.46258	5.226181	5.385931	400.6286	10.36572
Stddev	.019702	.007560	.04747	.005799	.002382	.5031	.02828
%RSD	.3877000	.1482342	.1864339	.1109586	.0442220	.1255770	.2727771

#1	5.066571	5.092123	25.44257	5.232280	5.388333	400.0781	10.33564
#2	5.074961	5.100522	25.42840	5.220738	5.385890	401.0644	10.36976
#3	5.104109	5.107210	25.51678	5.225525	5.383570	400.7435	10.39176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5208022	2.577557	393.2120	15.90376	2.585937	15.73957	402.3501
Stddev	.0020115	.004584	1.2016	.02810	.007741	.01921	.9368
%RSD	.3862262	.1778543	.3055739	.1767004	.2993655	.1220424	.2328313

#1	.5198912	2.576540	391.9367	15.87301	2.582876	15.71756	403.4259
#2	.5194074	2.573567	393.3765	15.92812	2.580194	15.74818	401.7143
#3	.5231080	2.582565	394.3229	15.91014	2.594741	15.75296	401.9101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05880	411.7126	2.605169	1.313824	394.1557	2.564930	15.81791
Stddev	.02991	.1903	.006349	.002252	1.8270	.016297	.10786
%RSD	.1985996	.0462313	.2437254	.1714358	.4635195	.6353663	.6818774

#1	15.04281	411.6656	2.604655	1.311518	392.1409	2.574521	15.77475
#2	15.09330	411.5502	2.599091	1.316019	395.7046	2.546114	15.94067
#3	15.04029	411.9221	2.611759	1.313935	394.6216	2.574156	15.73832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	160.4667	5.393754	5.073155	5.298345	5.384811	5.120950	5.338805
Stddev	.6070	.022472	.012162	.002344	.020386	.023774	.013880
%RSD	.3782631	.4166388	.2397282	.0442437	.3785895	.4642447	.2599901

#1	159.7829	5.376598	5.076704	5.300894	5.368306	5.133936	5.330989
#2	160.6753	5.385473	5.059614	5.296282	5.378527	5.093512	5.330595
#3	160.9419	5.419192	5.083148	5.297859	5.407599	5.135403	5.354831

Sample Name: CCV010 Acquired: 11/16/2018 16:07:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.055593	5.314170	5.255570
Stddev	.008170	.014908	.008866
%RSD	.1616073	.2805288	.1686962

#1	5.046728	5.302447	5.245443
#2	5.057229	5.309114	5.259337
#3	5.062821	5.330948	5.261931

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.368	2529.909	32557.68	4386.121	2983.212
Stddev	1.575	4.818	77.36	17.400	6.910
%RSD	.1173638	.1904221	.2376163	.3967159	.2316137

#1	1342.756	2525.749	32609.93	4397.046	2982.044
#2	1340.635	2535.187	32468.81	4395.263	2990.631
#3	1343.714	2528.790	32594.31	4366.055	2976.961

Sample Name: CCB010 Acquired: 11/16/2018 16:15:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001920	-.001518	.0014347	.0019079	.0012178	.0006230	-.002232
Stddev	.0011204	.003230	.0012917	.0030582	.0008431	.0144182	.001075
%RSD	583.4062	212.7992	90.03895	160.2908	69.22395	2314.260	48.16936

#1	-.000052	-.004263	-.000039	.0048346	.0021803	-.009061	-.002121
#2	.001414	.002042	.002373	.0021558	.0006100	.017193	-.003359
#3	-.000786	-.002333	.001970	-.001267	.0008632	-.006264	-.001217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000068	.0000434	-.010139	-.000571	-.000131	.0031472	.0245512
Stddev	.0000081	.0000311	.015389	.000519	.000049	.0024113	.0266386
%RSD	119.1364	71.75452	151.7839	90.85889	37.55332	76.61731	108.5024

#1	.0000150	.0000650	.002106	-.000706	-.000136	.0057510	.0076849
#2	.0000064	.0000077	-.027413	.000002	-.000177	.0009912	.0107074
#3	-.000001	.0000574	-.005110	-.001010	-.000079	.0026994	.0552613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006529	.0156357	-.000273	.0004394	.1427365	-.001540	.0062955
Stddev	.0005314	.0579265	.000179	.0002002	.3266069	.002506	.0160473
%RSD	81.38508	370.4758	65.58441	45.55545	228.8181	162.7659	254.9000

#1	.0009673	-.051250	-.000088	.0004288	.2613946	-.004216	.0160203
#2	.0009520	.049569	-.000285	.0006446	.3934272	.000751	.0150929
#3	.0000394	.048587	-.000446	.0002447	-.226612	-.001154	-.012227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030490	-.003250	.0037821	.0000114	-.003474	-.003445	-.000963
Stddev	.016130	.001871	.0001161	.0001108	.002370	.001402	.000349
%RSD	52.90268	57.58306	3.068776	976.7973	68.22503	40.70119	36.20965

#1	-.028590	-.002591	.0039143	-.000023	-.002045	-.002532	-.000619
#2	-.047485	-.001797	.0037346	.000135	-.002167	-.002744	-.000954
#3	-.015394	-.005361	.0036973	-.000079	-.006210	-.005060	-.001316

Sample Name: CCB010 Acquired: 11/16/2018 16:15:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001893	.0017233	-.000102
Stddev	.002231	.0008590	.000099
%RSD	117.8616	49.84694	97.10793

#1	-.004148	.0008900	-.000041
#2	-.001841	.0016738	-.000048
#3	.000312	.0026059	-.000216

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1520.053	2896.274	33532.61	4501.342	3642.584
Stddev	8.686	1.365	166.79	15.983	2.584
%RSD	.5714351	.0471267	.4974048	.3550633	.0709518

#1	1514.288	2895.163	33340.37	4491.000	3641.219
#2	1530.044	2895.861	33618.67	4519.750	3645.565
#3	1515.827	2897.798	33638.80	4493.275	3640.968

Sample Name: LCSS Acquired: 11/16/2018 16:20:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189511	.0527008	.0192532	.0798752	.1354603	.3923532	.4018079
Stddev	.0028429	.0015204	.0019795	.0017671	.0002938	.0094428	.0027809
%RSD	15.00127	2.884902	10.28153	2.212289	.2168857	2.406714	.6920852

#1	.0201881	.0536922	.0212890	.0818760	.1352957	.3830218	.3990454
#2	.0209659	.0534598	.0173352	.0785281	.1352857	.4019036	.4017716
#3	.0156992	.0509504	.0191353	.0792214	.1357995	.3921343	.4046068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102629	.0103509	9.995665	.0223929	.0967526	.0425382	.2327507
Stddev	.0001152	.0000562	.078614	.0002569	.0001081	.0063652	.0268760
%RSD	1.122052	.5428112	.7864840	1.147473	.1117542	14.96353	11.54711

#1	.0102115	.0104071	9.905933	.0221222	.0968663	.0424607	.2382057
#2	.0101824	.0102948	10.02864	.0226334	.0967405	.0362121	.2035657
#3	.0103948	.0103508	10.05242	.0224231	.0966511	.0489419	.2564808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315823	9.871618	.0827129	.0204819	9.549094	.1026585	.1473323
Stddev	.0006762	.120222	.0006596	.0003538	.032448	.0110414	.0059765
%RSD	2.141052	1.217853	.7975004	1.727566	.3397973	10.75546	4.056510

#1	.0322436	9.856367	.0833419	.0208369	9.562301	.1153445	.1484919
#2	.0316113	9.759749	.0827702	.0204796	9.572856	.0952154	.1408609
#3	.0308921	9.998737	.0820264	.0201293	9.512126	.0974154	.1526441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.955548	.0187007	.0211052	.0215932	.1764734	.2004952	.0127407
Stddev	.099825	.0015995	.0010327	.0006387	.0050492	.0011055	.0005238
%RSD	1.002707	8.553246	4.893025	2.957892	2.861181	.5513761	4.111635

#1	9.840285	.0168617	.0214676	.0210377	.1797798	.1993395	.0129651
#2	10.01404	.0197688	.0199402	.0214509	.1789790	.2006037	.0131150
#3	10.01232	.0194716	.0219079	.0222911	.1706614	.2015424	.0121420

Sample Name: LCSS Acquired: 11/16/2018 16:20:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1966579	.0950163	.2013621
Stddev	.0029348	.0010585	.0003945
%RSD	1.492347	1.113983	.1959127

#1	.1948432	.0945394	.2009134
#2	.1950866	.0942802	.2015189
#3	.2000438	.0962293	.2016542

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.949	2919.932	34032.38	4577.057	3720.793
Stddev	2.558	6.439	69.62	17.044	4.949
%RSD	.1664212	.2205342	.2045737	.3723859	.1330214

#1	1534.146	2927.344	34085.88	4591.425	3715.147
#2	1537.545	2915.717	33953.67	4581.522	3724.383
#3	1539.157	2916.735	34057.61	4558.225	3722.850

Sample Name: PBF Acquired: 11/16/2018 16:24:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042928	-.003980	.0010429	.0019192	.0003435	.0087754	-.002361
Stddev	.0005448	.000744	.0003862	.0011733	.0009815	.0034021	.000695
%RSD	12.69121	18.68220	37.03328	61.13265	285.6860	38.76895	29.45022

#1	.0043078	-.004639	.0006574	.0005697	.0006642	.0083292	-.002860
#2	.0048300	-.004129	.0010415	.0026971	.0011246	.0123787	-.001567
#3	.0037407	-.003174	.0014298	.0024910	-.000758	.0056184	-.002655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000296	.0000450	-.005331	-.000562	-.000113	.0006951	.0247397
Stddev	.0000287	.0000021	.009031	.000320	.000078	.0024066	.0286532
%RSD	96.98841	4.659063	169.4009	57.03438	68.58132	346.2088	115.8187

#1	.0000213	.0000431	-.005350	-.000922	-.000024	.0022719	.0486466
#2	.0000059	.0000473	-.014353	-.000309	-.000148	-.002075	-.007022
#3	.0000616	.0000447	.003710	-.000454	-.000167	.001888	.032594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014303	-.055470	.0000215	.0007570	-.142667	.0008577	.0127142
Stddev	.0012135	.025981	.0004061	.0005645	.150718	.0008000	.0112237
%RSD	84.84224	46.83712	1891.007	74.56902	105.6429	93.27294	88.27650

#1	.0015789	-.057810	.0003694	.0004134	-.245585	.0007164	.0098220
#2	.0001493	-.080202	-.000425	.0014084	-.212748	.0001377	.0032197
#3	.0025626	-.028399	.000120	.0004491	.030331	.0017189	.0251010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052927	-.001937	.0008298	-.000010	-.004772	-.004257	-.001992
Stddev	.054599	.001442	.0006272	.000186	.000968	.000778	.000294
%RSD	103.1584	74.43246	75.58923	1884.891	20.29211	18.27433	14.73476

#1	-.115904	-.001466	.0015176	.000114	-.004282	-.004845	-.001708
#2	-.023979	-.003556	.0006823	.000080	-.004146	-.003375	-.001973
#3	-.018898	-.000790	.0002895	-.000223	-.005887	-.004551	-.002294

Sample Name: PBF Acquired: 11/16/2018 16:24:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBF Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002772	.0014291	-.000088
Stddev	.001081	.0010779	.000106
%RSD	39.00669	75.42384	119.8511

#1	-.003191	.0026428	-.000141
#2	-.003582	.0005833	-.000157
#3	-.001544	.0010613	.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1532.493	2914.977	33920.35	4569.067	3677.167
Stddev	5.775	3.698	39.95	30.274	1.833
%RSD	.3768609	.1268603	.1177763	.6625911	.0498458

#1	1531.455	2912.149	33921.92	4540.675	3675.459
#2	1527.307	2913.619	33879.64	4565.600	3679.103
#3	1538.717	2919.161	33959.49	4600.925	3676.940

Sample Name: LCSS Acquired: 11/16/2018 16:28:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195475	.0522126	.0200202	.0811296	.1333872	.3922506	.3952460
Stddev	.0013996	.0023993	.0005354	.0025186	.0018457	.0082284	.0004367
%RSD	7.159780	4.595239	2.674262	3.104481	1.383727	2.097728	.1104768

#1	.0200285	.0549394	.0195576	.0782691	.1328749	.3907486	.3951731
#2	.0179709	.0512736	.0206067	.0830148	.1354349	.4011265	.3957145
#3	.0206431	.0504249	.0198964	.0821048	.1318517	.3848767	.3948504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100873	.0101777	9.902714	.0224437	.0958644	.0483113	.2124539
Stddev	.0000403	.0000728	.044999	.0004993	.0001213	.0028097	.0134201
%RSD	.3993362	.7156618	.4544102	2.224565	.1265763	5.815746	6.316696

#1	.0101317	.0101030	9.863133	.0222497	.0959750	.0508756	.2032314
#2	.0100530	.0102486	9.951657	.0220706	.0957346	.0453080	.2062804
#3	.0100774	.0101817	9.893351	.0230109	.0958836	.0487502	.2278497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316458	9.730721	.0822621	.0206204	9.760406	.0944558	.1344138
Stddev	.0010296	.043659	.0003795	.0003626	.103011	.0067042	.0089859
%RSD	3.253460	.4486698	.4613950	1.758478	1.055398	7.097679	6.685226

#1	.0310552	9.761208	.0818709	.0202851	9.755920	.0973727	.1354666
#2	.0328347	9.680707	.0826289	.0205710	9.865586	.0992075	.1428269
#3	.0310477	9.750249	.0822864	.0210052	9.659711	.0867873	.1249479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.698461	.0203440	.0192735	.0207209	.1746485	.1976420	.0127544
Stddev	.131053	.0033895	.0009545	.0003701	.0038835	.0013963	.0001801
%RSD	1.351279	16.66109	4.952261	1.785952	2.223594	.7064822	1.412039

#1	9.571230	.0192744	.0198643	.0203495	.1705666	.1988036	.0125495
#2	9.691126	.0176183	.0181723	.0210897	.1782973	.1980296	.0128262
#3	9.833028	.0241393	.0197838	.0207234	.1750816	.1960929	.0128875

Sample Name: LCSS Acquired: 11/16/2018 16:28:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1938691	.0913029	.1990297
Stddev	.0010773	.0016561	.0002209
%RSD	.5557096	1.813908	.1109872

#1	.1937829	.0929693	.1987950
#2	.1949870	.0912823	.1990604
#3	.1928375	.0896571	.1992336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.623	2950.874	34271.14	4625.525	3741.428
Stddev	4.056	2.178	118.16	11.601	5.399
%RSD	.2627361	.0738122	.3447688	.2508076	.1442973

#1	1539.642	2948.424	34293.59	4614.400	3743.509
#2	1543.477	2952.592	34143.37	4624.626	3745.477
#3	1547.750	2951.607	34376.46	4637.550	3735.299

Sample Name: AIR MDL#8 Acquired: 11/16/2018 16:36:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047076	.0082202	.0041128	.0055290	.0127777	.0218944	.0206763
Stddev	.0030823	.0016882	.0012447	.0002745	.0004653	.0060219	.0006901
%RSD	65.47496	20.53752	30.26415	4.965045	3.641446	27.50412	3.337627

#1	.0041771	.0101696	.0050884	.0056404	.0122770	.0256709	.0203769
#2	.0019250	.0072497	.0027110	.0057302	.0128593	.0250624	.0201865
#3	.0080208	.0072414	.0045390	.0052163	.0131969	.0149498	.0214656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014198	.0014409	.4572597	.0020241	.0072160	.0048754	.0494903
Stddev	.0000147	.0000493	.0083037	.0006643	.0001595	.0024158	.0142082
%RSD	1.032419	3.422211	1.815964	32.82040	2.210803	49.55083	28.70903

#1	.0014030	.0014751	.4481352	.0016810	.0072824	.0076610	.0405126
#2	.0014303	.0013844	.4592710	.0016015	.0070340	.0033548	.0658713
#3	.0014260	.0014633	.4643731	.0027898	.0073316	.0036104	.0420871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053359	.4411650	.0101390	.0026611	.3706667	.0095311	.0193884
Stddev	.0003959	.0476627	.0000797	.0002096	.0835908	.0051941	.0013910
%RSD	7.420061	10.80382	.7857378	7.876612	22.55147	54.49596	7.174604

#1	.0053955	.4178321	.0102189	.0029032	.2899804	.0043929	.0180256
#2	.0056987	.4096642	.0101384	.0025412	.3651327	.0147793	.0193336
#3	.0049136	.4959987	.0100596	.0025390	.4568869	.0094210	.0208061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3159749	.0033749	.0205116	.0469412	.0031574	.1244879	.0073220
Stddev	.0461585	.0012282	.0002682	.0003445	.0006124	.0004964	.0004972
%RSD	14.60828	36.39223	1.307576	.7338056	19.39622	.3987769	6.790871

#1	.3651367	.0046410	.0208212	.0465721	.0038452	.1239166	.0078942
#2	.3092252	.0032951	.0203621	.0472540	.0026712	.1248138	.0070760
#3	.2735630	.0021885	.0203514	.0469976	.0029558	.1247334	.0069957

Sample Name: AIR MDL#8 Acquired: 11/16/2018 16:36:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0066751	.0008468	.0045337
Stddev	.0007808	.0012674	.0001230
%RSD	11.69757	149.6724	2.712266

#1	.0057790	-.000612	.0045077
#2	.0072093	.001475	.0044259
#3	.0070371	.001678	.0046676

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.432	2940.437	34204.10	4596.858	3720.693
Stddev	5.797	7.009	149.43	20.993	6.193
%RSD	.3741198	.2383699	.4368638	.4566901	.1664522

#1	1544.123	2932.808	34134.83	4582.000	3716.682
#2	1548.556	2946.591	34101.89	4620.875	3727.826
#3	1555.616	2941.912	34375.60	4587.700	3717.572

Sample Name: AIR MDL#9 Acquired: 11/16/2018 16:57:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073162	.0106063	.0047895	.0065004	.0154201	.0220334	.0239203
Stddev	.0009658	.0019943	.0010002	.0032615	.0007444	.0073569	.0009327
%RSD	13.20121	18.80306	20.88242	50.17411	4.827681	33.38970	3.899137

#1	.0083407	.0093424	.0048398	.0033546	.0160616	.0145007	.0242590
#2	.0071856	.0095712	.0037652	.0098665	.0146038	.0223987	.0228656
#3	.0064224	.0129053	.0057636	.0062801	.0155949	.0292008	.0246363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015483	.0016299	.5291825	.0019707	.0077153	.0047694	.0679155
Stddev	.0000397	.0000575	.0076261	.0004047	.0003089	.0016794	.0310167
%RSD	2.565441	3.524444	1.441112	20.53792	4.003375	35.21187	45.66956

#1	.0015932	.0016940	.5289319	.0019798	.0077220	.0031056	.0967342
#2	.0015339	.0015830	.5216848	.0023707	.0080207	.0064640	.0350902
#3	.0015178	.0016129	.5369308	.0015614	.0074031	.0047386	.0719221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059818	.5138733	.0111868	.0030676	.4358884	.0142663	.0137187
Stddev	.0011460	.0169428	.0000811	.0003359	.0935012	.0026275	.0135563
%RSD	19.15761	3.297070	.7245841	10.95007	21.45073	18.41755	98.81593

#1	.0072976	.5080611	.0112228	.0034393	.5349185	.0157030	.0287958
#2	.0054453	.5329572	.0110939	.0029775	.4236192	.0158622	.0025355
#3	.0052025	.5006016	.0112435	.0027859	.3491274	.0112337	.0098249

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2582103	.0043108	.0221644	.0520795	.0065661	.1377759	.0088016
Stddev	.0464096	.0015193	.0007683	.0000570	.0020636	.0009889	.0005623
%RSD	17.97355	35.24444	3.466265	.1095176	31.42834	.7177612	6.388314

#1	.2701317	.0060650	.0216660	.0520431	.0072626	.1382850	.0094074
#2	.2974963	.0034558	.0230491	.0521452	.0081913	.1366362	.0087008
#3	.2070030	.0034117	.0217780	.0520502	.0042443	.1384066	.0082965

Sample Name: AIR MDL#9 Acquired: 11/16/2018 16:57:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0079554	.0003525	.0050273
Stddev	.0014146	.0009873	.0000292
%RSD	17.78132	280.0573	.5815176

#1	.0072601	-.000540	.0050525
#2	.0070231	.000184	.0049953
#3	.0095831	.001413	.0050342

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1563.883	2948.028	34464.53	4645.458	3759.206
Stddev	7.828	1.813	78.35	10.140	6.072
%RSD	.5005275	.0614970	.2273385	.2182744	.1615300

#1	1572.717	2948.640	34454.93	4652.225	3762.198
#2	1557.812	2945.989	34391.42	4650.350	3752.218
#3	1561.118	2949.456	34547.24	4633.800	3763.202

Sample Name: AIR MDL#10 Acquired: 11/16/2018 17:01:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050992	.0088417	.0032334	.0068839	.0175098	.0242341	.0228772
Stddev	.0011358	.0028200	.0011176	.0029686	.0001261	.0109281	.0009542
%RSD	22.27294	31.89420	34.56433	43.12450	.7203659	45.09407	4.170939

#1	.0037939	.0055855	.0032759	.0096733	.0173797	.0143520	.0238464
#2	.0056422	.0104740	.0020952	.0037637	.0175181	.0359709	.0219387
#3	.0058616	.0104657	.0043292	.0072146	.0176316	.0223794	.0228466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015350	.0016046	.4663491	.0015047	.0078250	.0064057	.0318210
Stddev	.0000829	.0000873	.0240918	.0002089	.0001710	.0023808	.0180632
%RSD	5.401256	5.440964	5.166039	13.88587	2.185692	37.16654	56.76507

#1	.0016073	.0016092	.4417314	.0012707	.0077759	.0091519	.0233156
#2	.0014445	.0016896	.4674379	.0016727	.0076839	.0049232	.0525668
#3	.0015533	.0015151	.4898781	.0015708	.0080152	.0051420	.0195805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046048	.4825654	.0110325	.0031609	.2106705	.0083993	.0222588
Stddev	.0015805	.0678492	.0002658	.0003561	.1385817	.0043922	.0125593
%RSD	34.32314	14.06011	2.409236	11.26715	65.78126	52.29180	56.42391

#1	.0027920	.4294507	.0109065	.0033268	.2467642	.0089531	.0359855
#2	.0056938	.5589990	.0113379	.0027520	.0576132	.0037565	.0194473
#3	.0053287	.4592465	.0108532	.0034037	.3276342	.0124883	.0113435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2353507	.0027411	.0218644	.0513421	.0044444	.1329578	.0078343
Stddev	.0377546	.0008507	.0002389	.0002802	.0054024	.0008470	.0010314
%RSD	16.04183	31.03578	1.092597	.5456878	121.5571	.6370777	13.16585

#1	.2713120	.0034887	.0220701	.0516516	-.001013	.1336855	.0082944
#2	.2387123	.0018154	.0219206	.0512689	.004556	.1331599	.0066529
#3	.1960277	.0029193	.0216024	.0511057	.009790	.1320280	.0085557

Sample Name: AIR MDL#10 Acquired: 11/16/2018 17:01:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0099040	.0023604	.0049250
Stddev	.0015194	.0017068	.0000790
%RSD	15.34099	72.30932	1.603277

#1	.0110029	.0043183	.0050137
#2	.0105390	.0011866	.0048990
#3	.0081701	.0015763	.0048623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.861	2853.456	33468.92	4557.517	3643.616
Stddev	5.829	15.939	65.13	27.815	10.139
%RSD	.3855258	.5585863	.1945934	.6103049	.2782679

#1	1507.364	2835.297	33526.53	4546.375	3632.525
#2	1509.772	2865.130	33398.25	4589.175	3652.407
#3	1518.446	2859.941	33481.98	4537.000	3645.918

Sample Name: AIR MDL#11 Acquired: 11/16/2018 17:05:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013205	.0090255	.0029430	.0066832	.0141857	.0265269	.0233827
Stddev	.0023394	.0015790	.0009518	.0017862	.0008273	.0176398	.0001340
%RSD	177.1633	17.49427	32.33986	26.72645	5.831792	66.49791	.5732181

#1	-.000157	.0094637	.0018781	.0067328	.0150437	.0077308	.0234827
#2	.004018	.0103391	.0032401	.0048727	.0133930	.0291284	.0234350
#3	.000101	.0072738	.0037107	.0084440	.0141203	.0427215	.0232304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016041	.0015602	.5096316	.0021564	.0080229	.0040502	.0597159
Stddev	.0000829	.0000962	.0177854	.0006268	.0002899	.0018623	.0208335
%RSD	5.165967	6.167168	3.489861	29.06567	3.613646	45.97912	34.88767

#1	.0015084	.0014512	.5295166	.0020289	.0082845	.0061648	.0653681
#2	.0016486	.0016333	.4952436	.0028371	.0077112	.0033315	.0366396
#3	.0016551	.0015961	.5041346	.0016032	.0080730	.0026545	.0771401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054254	.4701925	.0111423	.0026607	.5887327	.0072074	.0149408
Stddev	.0003934	.0492655	.0001991	.0003450	.0854930	.0048784	.0064747
%RSD	7.251043	10.47772	1.787197	12.96776	14.52154	67.68566	43.33536

#1	.0054931	.5258196	.0113678	.0027033	.5364903	.0021716	.0116915
#2	.0057806	.4320687	.0110685	.0022963	.5423135	.0119115	.0107343
#3	.0050026	.4526893	.0109906	.0029824	.6873943	.0075391	.0223967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2783600	.0036934	.0222609	.0515449	.0042252	.1383563	.0078550
Stddev	.0321419	.0007928	.0001995	.0004492	.0015855	.0001720	.0005846
%RSD	11.54688	21.46400	.8962012	.8714803	37.52477	.1242842	7.442540

#1	.2893402	.0032811	.0220305	.0511151	.0055148	.1381644	.0076466
#2	.2421668	.0046073	.0223801	.0515082	.0024550	.1384964	.0085153
#3	.3035729	.0031918	.0223720	.0520113	.0047058	.1384082	.0074031

Sample Name: AIR MDL#11 Acquired: 11/16/2018 17:05:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0096804	.0008947	.0049577
Stddev	.0009877	.0004693	.0000849
%RSD	10.20253	52.44794	1.711419

#1	.0087928	.0013012	.0050543
#2	.0095040	.0010018	.0048953
#3	.0107444	.0003812	.0049234

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.984	2949.993	34614.20	4574.658	3753.237
Stddev	14.818	4.517	159.21	44.109	2.873
%RSD	.9456534	.1531208	.4599647	.9642072	.0765359

#1	1549.915	2948.375	34430.52	4523.950	3753.356
#2	1574.493	2955.097	34699.35	4595.875	3756.048
#3	1576.545	2946.509	34712.73	4604.150	3750.307

Sample Name: AIR MDL#12 Acquired: 11/16/2018 17:14:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047849	.0074161	.0038158	.0069273	.0134911	.0182357	.0226198
Stddev	.0019469	.0021692	.0009222	.0009115	.0012217	.0142766	.0004897
%RSD	40.68726	29.24995	24.16689	13.15778	9.055879	78.28909	2.164904

#1	.0032991	.0087127	.0027640	.0077990	.0135075	.0285690	.0230696
#2	.0069888	.0049119	.0041981	.0059807	.0147046	.0019453	.0226917
#3	.0040669	.0086239	.0044853	.0070021	.0122613	.0241928	.0220981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015869	.0015994	.5081630	.0015884	.0076930	.0055080	.0478636
Stddev	.0000433	.0001292	.0058664	.0004204	.0003408	.0019461	.0127082
%RSD	2.728602	8.077403	1.154423	26.46296	4.429610	35.33210	26.55089

#1	.0015551	.0015873	.5014510	.0020180	.0077169	.0034873	.0332262
#2	.0016362	.0014767	.5123101	.0015695	.0073409	.0073697	.0560821
#3	.0015694	.0017342	.5107278	.0011779	.0080212	.0056670	.0542825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054854	.5230669	.0111397	.0030280	.5377589	.0047879	.0293745
Stddev	.0012830	.0420899	.0004003	.0003803	.1265088	.0058205	.0184304
%RSD	23.38883	8.046747	3.593265	12.55845	23.52519	121.5657	62.74263

#1	.0066333	.5085242	.0114070	.0034663	.6381490	.0109100	.0493162
#2	.0041004	.4901768	.0113327	.0027849	.3956626	.0041286	.0258400
#3	.0057225	.5704997	.0106795	.0028329	.5794652	-.000675	.0129674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2487144	.0038696	.0218928	.0514898	.0060010	.1368696	.0086991
Stddev	.0464374	.0021058	.0011173	.0003773	.0017749	.0028318	.0009746
%RSD	18.67100	54.41914	5.103429	.7328572	29.57675	2.068996	11.20369

#1	.2202906	.0030429	.0214057	.0513650	.0041932	.1401388	.0091769
#2	.2235498	.0023026	.0231709	.0519138	.0060687	.1352931	.0093427
#3	.3023027	.0062633	.0211017	.0511908	.0077410	.1351768	.0075778

Sample Name: AIR MDL#12 Acquired: 11/16/2018 17:14:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0097756	.0002334	.0049896
Stddev	.0033750	.0015833	.0001532
%RSD	34.52498	678.3088	3.070493

#1	.0063374	.0017353	.0050910
#2	.0130837	.0003853	.0048134
#3	.0099057	-.001420	.0050645

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1547.848	2906.800	34204.73	4554.408	3722.007
Stddev	5.299	10.970	115.72	42.622	17.509
%RSD	.3423775	.3773969	.3383137	.9358496	.4704207

#1	1553.933	2894.297	34337.72	4505.400	3702.368
#2	1545.367	2911.292	34127.00	4575.000	3727.667
#3	1544.245	2914.811	34149.48	4582.825	3735.986

Sample Name: AIR MDL#13 Acquired: 11/16/2018 17:18:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033849	.0088667	.0037959	.0073579	.0143529	.0326123	.0246439
Stddev	.0037498	.0035551	.0010320	.0018419	.0028365	.0111265	.0014894
%RSD	110.7813	40.09427	27.18709	25.03352	19.76246	34.11759	6.043677

#1	.0072004	.0055663	.0026137	.0065692	.0171823	.0454544	.0260293
#2	-.000296	.0084029	.0045168	.0060416	.0143671	.0258602	.0230687
#3	.003250	.0126309	.0042571	.0094629	.0115094	.0265222	.0248337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017196	.0017434	.5267127	.0027782	.0083161	.0063240	.0292169
Stddev	.0000915	.0000229	.0064491	.0002417	.0001982	.0012740	.0180576
%RSD	5.323462	1.314863	1.224402	8.699227	2.383248	20.14469	61.80548

#1	.0016807	.0017193	.5193079	.0026334	.0085324	.0050944	.0405294
#2	.0016538	.0017649	.5297318	.0026440	.0081432	.0062396	.0083916
#3	.0018241	.0017459	.5310985	.0030572	.0082727	.0076381	.0387296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058036	.5410423	.0120116	.0031290	.2971366	.0120024	.0236351
Stddev	.0014812	.0320167	.0001339	.0001608	.0774872	.0036727	.0080717
%RSD	25.52244	5.917593	1.114958	5.138867	26.07796	30.59994	34.15129

#1	.0059401	.5327844	.0118570	.0033084	.2396026	.0083274	.0220936
#2	.0042588	.5763790	.0120918	.0030808	.2665601	.0120070	.0164453
#3	.0072118	.5139636	.0120860	.0029978	.3852470	.0156728	.0323663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2266145	.0034040	.0226209	.0552832	.0040762	.1433297	.0097649
Stddev	.1015403	.0018007	.0008981	.0002070	.0017559	.0027588	.0002794
%RSD	44.80750	52.89903	3.970410	.3744875	43.07559	1.924802	2.861424

#1	.1363908	.0032676	.0223371	.0551738	.0024520	.1416430	.0099000
#2	.3365738	.0052689	.0218989	.0555219	.0038374	.1418328	.0094436
#3	.2068787	.0016754	.0236266	.0551537	.0059393	.1465134	.0099512

Sample Name: AIR MDL#13 Acquired: 11/16/2018 17:18:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0090322	.0013662	.0052962
Stddev	.0008199	.0003952	.0000535
%RSD	9.077833	28.92310	1.010005

#1	.0093107	.0012967	.0052983
#2	.0096766	.0017915	.0053486
#3	.0081093	.0010105	.0052416

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.677	2924.223	34334.33	4626.342	3737.693
Stddev	7.042	3.902	117.01	31.876	4.938
%RSD	.4514955	.1334392	.3408064	.6890013	.1321072

#1	1552.900	2923.666	34227.29	4620.525	3735.896
#2	1559.174	2928.374	34316.45	4660.725	3743.277
#3	1566.956	2920.629	34459.26	4597.775	3733.905

Sample Name: PBF Acquired: 11/16/2018 17:42:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002531	-.002354	.0024083	.0008379	-.001835	.0004654	-.002548
Stddev	.001742	.001093	.0007281	.0024359	.000657	.0171761	.001175
%RSD	68.85303	46.43040	30.23263	290.7039	35.82403	3690.646	46.12467

#1	-.004473	-.001363	.0024389	-.001903	-.002400	.0031484	-.003833
#2	-.002014	-.003526	.0016654	.001663	-.001113	.0161421	-.001527
#3	-.001105	-.002173	.0031206	.002754	-.001991	-.017894	-.002284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000415	.0000094	-.011727	-.000426	-.000300	.0018587	.0246864
Stddev	.0000104	.0000329	.009364	.000045	.000141	.0030371	.0186555
%RSD	25.00636	348.2324	79.85378	10.60555	46.96378	163.4031	75.56981

#1	.0000514	-.000008	-.020495	-.000469	-.000142	.0043718	.0052972
#2	.0000423	.000047	-.001863	-.000429	-.000414	-.001516	.0262527
#3	.0000307	-.000011	-.012821	-.000379	-.000344	.002720	.0425093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001329	.0312134	.0000980	.0007675	-.367047	-.005903	.0108108
Stddev	.0014258	.0340933	.0001123	.0002650	.207737	.001335	.0003738
%RSD	1072.958	109.2264	114.5484	34.52204	56.59688	22.61335	3.457997

#1	-.000021	.0492897	.0001953	.0004632	-.174780	-.004990	.0111935
#2	-.001209	.0524620	-.000025	.0009469	-.338964	-.005285	.0107926
#3	.001630	-.008111	.000124	.0008924	-.587397	-.007435	.0104464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201293	.0055609	-.002351	-.000037	-.004589	-.004159	-.002992
Stddev	.097273	.0010414	.001152	.000032	.003211	.000281	.000789
%RSD	48.32439	18.72711	48.98663	86.75539	69.97298	6.753195	26.35817

#1	-.108851	.0049251	-.001116	-.000036	-.001570	-.003835	-.002203
#2	-.192259	.0049949	-.002541	-.000070	-.004234	-.004309	-.003780
#3	-.302768	.0067627	-.003396	-.000006	-.007963	-.004333	-.002994

Sample Name: PBF Acquired: 11/16/2018 17:42:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBF Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003187	-.005113	-.000124
Stddev	.001347	.000672	.000139
%RSD	42.26817	13.14469	112.7285

#1	-.003041	-.005332	-.000184
#2	-.004601	-.004359	.000036
#3	-.001919	-.005648	-.000223

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.356	2905.394	34272.45	4590.267	3730.957
Stddev	7.050	11.295	94.20	35.555	4.288
%RSD	.4558962	.3887608	.2748701	.7745817	.1149224

#1	1538.270	2892.790	34339.49	4551.625	3729.736
#2	1551.215	2914.601	34164.74	4597.575	3735.723
#3	1549.583	2908.791	34313.11	4621.600	3727.412

Sample Name: CCV011 Acquired: 11/16/2018 17:55:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.096086	5.085220	25.08128	5.366331	5.483113	397.1166	10.13344
Stddev	.037817	.013090	.06336	.006067	.014036	2.4763	.06510
%RSD	.7420722	.2574126	.2526266	.1130612	.2559777	.6235584	.6424121

#1	5.102017	5.094439	25.06747	5.370976	5.481403	397.0723	10.11207
#2	5.055654	5.070237	25.02596	5.359466	5.470011	399.6147	10.20653
#3	5.130587	5.090983	25.15040	5.368551	5.497925	394.6628	10.08170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5266015	2.547140	382.6393	15.74987	2.544826	15.59333	404.7474
Stddev	.0054305	.003758	2.3416	.01820	.007185	.09979	3.5552
%RSD	1.031238	.1475358	.6119672	.1155542	.2823265	.6399334	.8783847

#1	.5317981	2.546071	381.9348	15.74456	2.544096	15.60290	407.2837
#2	.5270426	2.544033	385.2524	15.77013	2.538033	15.68800	406.2747
#3	.5209639	2.551317	380.7309	15.73491	2.552347	15.48911	400.6837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67242	414.4391	2.582606	1.293772	392.6623	2.539118	15.72006
Stddev	.12174	2.8419	.005973	.003250	2.1650	.025631	.01172
%RSD	.8297244	.6857335	.2312973	.2512234	.5513652	1.009434	.0745253

#1	14.67351	415.8293	2.583695	1.291121	393.3283	2.536402	15.72564
#2	14.79362	416.3183	2.576163	1.297398	394.4160	2.565998	15.72795
#3	14.55014	411.1697	2.587960	1.292797	390.2425	2.514953	15.70660

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.0045	5.283059	5.192342	5.380239	5.399160	5.155577	5.356328
Stddev	1.0874	.011489	.055465	.011820	.005944	.060750	.013896
%RSD	.6838861	.2174658	1.068214	.2196970	.1100922	1.178344	.2594285

#1	159.0605	5.296309	5.225379	5.389058	5.392442	5.203808	5.358306
#2	160.0628	5.277012	5.223341	5.366808	5.401300	5.175575	5.341549
#3	157.8901	5.275857	5.128307	5.384851	5.403737	5.087349	5.369129

Sample Name: CCV011 Acquired: 11/16/2018 17:55:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV011 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.964876	5.228905	5.165460
Stddev	.031835	.025268	.034057
%RSD	.6412073	.4832328	.6593153

#1	4.952732	5.227033	5.163818
#2	5.000995	5.255056	5.200309
#3	4.940900	5.204625	5.132255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1348.658	2492.449	32885.42	4401.020	3000.052
Stddev	.443	6.817	18.97	39.287	7.534
%RSD	.0328424	.2734931	.0576767	.8926864	.2511205

#1	1348.408	2489.011	32866.05	4364.192	2999.446
#2	1348.397	2500.300	32903.96	4396.494	3007.870
#3	1349.170	2488.036	32886.26	4442.375	2992.839

Sample Name: CCB011 Acquired: 11/16/2018 17:59:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000515	-.001842	.0018214	.0028628	-.001079	-.004577	-.001522
Stddev	.000927	.000962	.0009621	.0022849	.001050	.006019	.000562
%RSD	180.1358	52.21247	52.82241	79.81445	97.32325	131.5113	36.94786

#1	-.001433	-.002952	.0019920	.0054754	.000132	-.011165	-.001113
#2	-.000532	-.001315	.0007854	.0012379	-.001733	.000635	-.001290
#3	.000421	-.001259	.0026867	.0018751	-.001637	-.003201	-.002164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000335	.0000481	-.003352	-.000198	-.000114	.0002502	.0098151
Stddev	.0000450	.0000290	.002655	.000334	.000032	.0029011	.0271061
%RSD	134.3602	60.28546	79.21786	168.2481	27.96749	1159.346	276.1674

#1	.0000735	.0000650	-.005407	.000121	-.000089	-.002218	.0271688
#2	-.000015	.0000648	-.000354	-.000544	-.000150	-.000477	-.021420
#3	.000042	.0000146	-.004295	-.000172	-.000104	.003446	.023697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004574	.0125399	-.000228	.0007962	-.081575	.0043682	.0018371
Stddev	.0009216	.0295996	.000315	.0002292	.184198	.0036570	.0093341
%RSD	201.4906	236.0438	138.5724	28.78746	225.8031	83.71933	508.0927

#1	.0015197	.0336192	-.000152	.0010597	-.175684	.0072621	.0118916
#2	-.000129	.0253000	-.000574	.0006863	-.199707	.0055845	.0001722
#3	-.000019	-.021300	.000043	.0006427	.130667	.0002580	-.006553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066050	.0057871	.0087035	.0000248	-.004291	-.003498	-.000974
Stddev	.064576	.0015340	.0007951	.0001562	.000484	.000640	.000835
%RSD	97.76728	26.50642	9.135717	628.8865	11.28271	18.30145	85.64210

#1	-.018541	.0067653	.0085090	.0001967	-.004078	-.004207	-.001051
#2	-.139576	.0040192	.0095778	-.000108	-.003950	-.003325	-.000104
#3	-.040034	.0065770	.0080237	-.000014	-.004845	-.002963	-.001768

Sample Name: CCB011 Acquired: 11/16/2018 17:59:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001111	.0003823	-.000064
Stddev	.002332	.0009711	.000038
%RSD	209.8422	253.9930	58.98264

#1	.001430	.0013700	-.000024
#2	-.001612	-.000571	-.000070
#3	-.003152	.000348	-.000099

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.699	2909.112	34025.29	4565.633	3694.091
Stddev	9.906	3.102	144.20	28.435	5.037
%RSD	.6416866	.1066335	.4238163	.6228137	.1363563

#1	1544.905	2906.371	34122.24	4561.200	3688.328
#2	1533.246	2912.480	33859.57	4539.675	3696.292
#3	1552.947	2908.485	34094.06	4596.025	3697.653

Sample Name: WIPE MDL#8 Acquired: 11/16/2018 18:07:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053898	.0077386	.0038725	.0072582	.0141926	.0359042	.0218054
Stddev	.0037051	.0021014	.0007048	.0010410	.0011238	.0141062	.0002502
%RSD	68.74255	27.15442	18.20090	14.34266	7.917949	39.28846	1.147498

#1	.0022145	.0064608	.0043625	.0063858	.0130270	.0366079	.0215358
#2	.0094605	.0065912	.0030647	.0069781	.0152692	.0214593	.0220302
#3	.0044943	.0101639	.0041903	.0084106	.0142815	.0496454	.0218502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014741	.0014937	.4393277	.0016038	.0071898	.0029682	.0293451
Stddev	.0000512	.0000681	.0086592	.0005560	.0001360	.0006564	.0201157
%RSD	3.474760	4.558720	1.971013	34.66999	1.891790	22.11503	68.54865

#1	.0014670	.0014189	.4491080	.0012069	.0072189	.0037133	.0494186
#2	.0014268	.0015102	.4362377	.0013652	.0073088	.0024753	.0294293
#3	.0015285	.0015520	.4326374	.0022393	.0070415	.0027159	.0091875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054042	.4621013	.0101145	.0028410	.6210941	.0069176	.0333212
Stddev	.0008451	.0367313	.0002914	.0002763	.2336792	.0066482	.0128635
%RSD	15.63818	7.948755	2.880587	9.726667	37.62379	96.10519	38.60459

#1	.0060451	.4448057	.0104329	.0025226	.3567704	.0093068	.0480569
#2	.0044464	.4372106	.0098612	.0029830	.7062912	.0120410	.0243370
#3	.0057210	.5042877	.0100495	.0030175	.8002207	-.000595	.0275695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1679806	.0100727	.0214049	.0464855	.0213140	.1211046	.0075880
Stddev	.0942023	.0008105	.0004322	.0006374	.0042604	.0014551	.0014078
%RSD	56.07928	8.046452	2.019267	1.371230	19.98867	1.201540	18.55263

#1	.0650199	.0099731	.0210082	.0470112	.0195975	.1196727	.0092101
#2	.1890736	.0109283	.0218655	.0466687	.0181796	.1210591	.0066850
#3	.2498483	.0093165	.0213409	.0457765	.0261649	.1225819	.0068690

Sample Name: WIPE MDL#8 Acquired: 11/16/2018 18:07:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0108241	.0048667	.0046936
Stddev	.0004837	.0014966	.0001039
%RSD	4.468838	30.75158	2.213288

#1	.0113651	.0036011	.0047125
#2	.0104331	.0044805	.0045816
#3	.0106742	.0065186	.0047868

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.241	2955.021	34604.43	4577.367	3758.090
Stddev	6.342	8.196	64.88	10.555	6.704
%RSD	.4046415	.2773470	.1875009	.2305869	.1783864

#1	1561.160	2946.344	34530.83	4587.025	3750.708
#2	1573.814	2956.086	34653.38	4578.975	3763.798
#3	1566.749	2962.632	34629.08	4566.100	3759.765

Sample Name: WIPE MDL#9 Acquired: 11/16/2018 18:11:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040363	.0085335	.0049503	.0073669	.0141186	.0180957	.0210714
Stddev	.0019290	.0006170	.0001668	.0027450	.0003992	.0064796	.0002872
%RSD	47.79069	7.230785	3.369889	37.26174	2.827530	35.80726	1.363102

#1	.0062266	.0081925	.0051237	.0074256	.0141551	.0161868	.0211134
#2	.0032916	.0081622	.0049364	.0100821	.0144983	.0253153	.0207655
#3	.0025907	.0092458	.0047909	.0045930	.0137024	.0127850	.0213353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014801	.0014951	.4605573	.0019750	.0072422	.0053900	.0278393
Stddev	.0000801	.0000811	.0053520	.0002104	.0000917	.0028224	.0365797
%RSD	5.409304	5.424299	1.162063	10.65387	1.265641	52.36404	131.3960

#1	.0013918	.0014025	.4655315	.0022029	.0073426	.0031471	.0325557
#2	.0015480	.0015536	.4548943	.0017880	.0072211	.0044637	.0618320
#3	.0015005	.0015292	.4612462	.0019342	.0071630	.0085592	-.010870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053699	.4777849	.0102253	.0027930	.4953464	.0050045	.0304743
Stddev	.0007074	.0465879	.0002550	.0001850	.1556490	.0052874	.0217338
%RSD	13.17338	9.750807	2.493508	6.623831	31.42225	105.6530	71.31859

#1	.0057390	.5235384	.0105188	.0028962	.4854927	.0030371	.0552933
#2	.0058164	.4794112	.0100983	.0029034	.3448584	.0109935	.0212848
#3	.0045543	.4304052	.0100587	.0025794	.6556882	.0009828	.0148446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2220370	.0106991	.0204976	.0471441	.0137994	.1192480	.0075845
Stddev	.0316565	.0032454	.0007301	.0003707	.0030057	.0001759	.0008895
%RSD	14.25730	30.33287	3.561773	.7862523	21.78159	.1475259	11.72845

#1	.2361461	.0069565	.0213348	.0471838	.0115445	.1193817	.0085746
#2	.1857791	.0127342	.0201640	.0467551	.0126420	.1193137	.0068526
#3	.2441858	.0124066	.0199939	.0474933	.0172118	.1190487	.0073263

Sample Name: WIPE MDL#9 Acquired: 11/16/2018 18:11:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0079464	.0030473	.0046605
Stddev	.0021540	.0014455	.0000628
%RSD	27.10740	47.43525	1.348313

#1	.0058344	.0039605	.0046444
#2	.0078646	.0013808	.0047298
#3	.0101401	.0038007	.0046072

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.954	2940.942	34495.58	4583.242	3752.153
Stddev	2.623	11.084	129.64	7.110	6.837
%RSD	.1684724	.3768905	.3758048	.1551217	.1822258

#1	1554.865	2943.052	34543.15	4586.600	3744.522
#2	1556.099	2928.955	34594.71	4575.075	3754.214
#3	1559.898	2950.820	34348.88	4588.050	3757.723

Sample Name: WIPE MDL#10 Acquired: 11/16/2018 18:16:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032521	.0077115	.0034875	.0059703	.0143110	.0265356	.0213681
Stddev	.0013633	.0010507	.0017530	.0025987	.0010887	.0054286	.0006197
%RSD	41.92019	13.62564	50.26526	43.52699	7.607650	20.45792	2.899966

#1	.0033739	.0067120	.0028901	.0042187	.0151065	.0265225	.0217912
#2	.0045503	.0076155	.0021113	.0089561	.0130702	.0319707	.0206568
#3	.0018319	.0088069	.0054611	.0047360	.0147563	.0211135	.0216562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014469	.0013580	.4561676	.0019083	.0070484	.0042576	.0406523
Stddev	.0000910	.0001021	.0132242	.0000919	.0002813	.0031383	.0108749
%RSD	6.288120	7.515582	2.898973	4.815546	3.991422	73.71007	26.75087

#1	.0014967	.0012416	.4422340	.0020112	.0073173	.0068266	.0521086
#2	.0015021	.0014002	.4577244	.0018794	.0070719	.0007597	.0393770
#3	.0013419	.0014322	.4685446	.0018343	.0067561	.0051865	.0304713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054175	.5260270	.0101776	.0026932	.4779766	.0142233	.0214079
Stddev	.0012065	.0671084	.0004215	.0002916	.1428466	.0040971	.0179171
%RSD	22.27125	12.75760	4.141153	10.82743	29.88568	28.80582	83.69371

#1	.0054915	.5799699	.0103050	.0029529	.3597739	.0174138	.0344949
#2	.0041756	.4508771	.0097071	.0023777	.4374476	.0156535	.0009875
#3	.0065853	.5472339	.0105207	.0027490	.6367084	.0096028	.0287413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2375489	.0098187	.0210684	.0468780	.0154439	.1188398	.0073352
Stddev	.0101197	.0016278	.0012245	.0004068	.0047440	.0003486	.0009247
%RSD	4.260027	16.57867	5.811893	.8676931	30.71756	.2933126	12.60665

#1	.2293676	.0101701	.0224672	.0465158	.0207326	.1190203	.0075867
#2	.2488650	.0112422	.0201906	.0468001	.0140354	.1190611	.0063107
#3	.2344140	.0080439	.0205475	.0473181	.0115636	.1184380	.0081081

Sample Name: WIPE MDL#10 Acquired: 11/16/2018 18:16:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0091107	.0019643	.0045844
Stddev	.0008733	.0004116	.0000830
%RSD	9.585311	20.95337	1.811003

#1	.0081744	.0024390	.0046159
#2	.0099031	.0017459	.0046470
#3	.0092547	.0017079	.0044902

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.372	2917.377	34152.78	4519.900	3710.476
Stddev	5.469	6.525	108.26	15.049	5.810
%RSD	.3529897	.2236449	.3169891	.3329485	.1565876

#1	1543.686	2921.664	34087.70	4506.725	3705.917
#2	1549.837	2909.868	34092.90	4536.300	3708.492
#3	1554.595	2920.599	34277.76	4516.675	3717.018

Sample Name: WIPE MDL#11 Acquired: 11/16/2018 18:20:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081073	.0087833	.0031415	.0056354	.0144897	.0281762	.0246508
Stddev	.0028822	.0002586	.0002566	.0010559	.0010806	.0158152	.0005615
%RSD	35.55116	2.944266	8.167163	18.73744	7.457823	56.12963	2.277745

#1	.0049883	.0086616	.0029545	.0063419	.0132817	.0381996	.0252928
#2	.0086610	.0086080	.0030359	.0061429	.0148230	.0363845	.0242512
#3	.0106724	.0090803	.0034340	.0044216	.0153645	.0099445	.0244085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015437	.0015755	.5000729	.0018551	.0078160	.0040666	.0434267
Stddev	.0000281	.0000999	.0211277	.0002853	.0001025	.0038394	.0166183
%RSD	1.821806	6.341390	4.224923	15.37921	1.311664	94.41390	38.26750

#1	.0015227	.0014715	.5003562	.0020549	.0077951	.0010246	.0589401
#2	.0015327	.0016707	.5210575	.0019821	.0079274	.0083805	.0258890
#3	.0015756	.0015842	.4788049	.0015283	.0077256	.0027945	.0454509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051216	.5483967	.0109876	.0031353	.6025601	.0064509	.0193435
Stddev	.0015583	.0242375	.0001213	.0003731	.2657124	.0091359	.0106331
%RSD	30.42546	4.419697	1.104377	11.89992	44.09725	141.6213	54.97000

#1	.0069119	.5724257	.0108559	.0027480	.8778008	.0149455	.0076051
#2	.0043825	.5239560	.0110119	.0034924	.3475301	-.003214	.0220947
#3	.0040704	.5488083	.0110949	.0031653	.5823495	.007621	.0283306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2475827	.0120978	.0217058	.0508814	.0222773	.1281102	.0080812
Stddev	.1352698	.0003059	.0009283	.0002520	.0016364	.0034632	.0014900
%RSD	54.63622	2.528754	4.276749	.4953704	7.345642	2.703304	18.43816

#1	.1484964	.0123891	.0206647	.0505969	.0220378	.1274497	.0096153
#2	.1925583	.0117791	.0220052	.0510767	.0207739	.1250248	.0066396
#3	.4016933	.0121252	.0224474	.0509707	.0240203	.1318561	.0079889

Sample Name: WIPE MDL#11 Acquired: 11/16/2018 18:20:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0092667	.0036553	.0049956
Stddev	.0022728	.0011880	.0002306
%RSD	24.52626	32.50030	4.615903

#1	.0097960	.0022843	.0048830
#2	.0067760	.0043012	.0048429
#3	.0112282	.0043804	.0052608

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.341	2941.713	34537.26	4561.517	3745.925
Stddev	7.120	9.069	183.05	69.274	9.051
%RSD	.4548297	.3082844	.5299951	1.518669	.2416108

#1	1564.431	2949.336	34679.39	4586.575	3756.358
#2	1558.720	2931.684	34330.72	4614.775	3740.183
#3	1572.871	2944.119	34601.67	4483.200	3741.233

Sample Name: WIPE MDL#12 Acquired: 11/16/2018 18:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053663	.0105345	.0041982	.0063421	.0153625	.0287956	.0262858
Stddev	.0038112	.0018834	.0004375	.0028832	.0006596	.0066347	.0005160
%RSD	71.02040	17.87828	10.42041	45.46149	4.293835	23.04069	1.962861

#1	.0024461	.0121152	.0041748	.0032770	.0151894	.0218137	.0268524
#2	.0039752	.0110378	.0046469	.0067490	.0160914	.0350178	.0258430
#3	.0096776	.0084506	.0037729	.0090002	.0148067	.0295554	.0261619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017071	.0017145	.5230815	.0021783	.0084596	.0031290	.0414201
Stddev	.0000550	.0000571	.0145256	.0007998	.0002210	.0040014	.0287850
%RSD	3.224066	3.329777	2.776921	36.71603	2.612054	127.8835	69.49532

#1	.0016500	.0017487	.5182426	.0016867	.0082060	.0038842	.0563094
#2	.0017598	.0017461	.5115929	.0031012	.0086104	-.001196	.0597108
#3	.0017114	.0016486	.5394088	.0017471	.0085625	.006699	.0082401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065103	.6080453	.0118181	.0029970	.6514091	.0075648	.0312630
Stddev	.0012174	.0640677	.0002237	.0002541	.0787350	.0058371	.0101897
%RSD	18.69926	10.53666	1.892593	8.478166	12.08687	77.16066	32.59329

#1	.0051091	.5417819	.0119867	.0029357	.5939532	.0040105	.0195029
#2	.0071140	.6126894	.0115644	.0032762	.6191181	.0143015	.0368223
#3	.0073079	.6696645	.0119033	.0027792	.7411560	.0043825	.0374640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1866500	.0119068	.0240412	.0550720	.0159945	.1104683	.0093810
Stddev	.0898828	.0014888	.0011283	.0001815	.0027046	.0021883	.0002249
%RSD	48.15578	12.50425	4.693171	.3295567	16.90936	1.980917	2.397438

#1	.0899998	.0102261	.0238784	.0551313	.0187671	.1119961	.0093587
#2	.2677313	.0124336	.0230032	.0548683	.0158528	.1079615	.0091681
#3	.2022190	.0130605	.0252421	.0552164	.0133635	.1114474	.0096163

Sample Name: WIPE MDL#12 Acquired: 11/16/2018 18:33:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0107033	.0036632	.0053459
Stddev	.0026477	.0008579	.0000554
%RSD	24.73773	23.41977	1.035975

#1	.0097273	.0041988	.0054094
#2	.0137005	.0026737	.0053207
#3	.0086820	.0041171	.0053076

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.753	2951.855	34571.79	4569.433	3744.635
Stddev	7.414	10.652	239.00	32.418	9.413
%RSD	.4728890	.3608668	.6913237	.7094466	.2513775

#1	1559.194	2941.409	34336.27	4552.675	3733.836
#2	1571.862	2951.453	34564.99	4606.800	3751.104
#3	1572.203	2962.702	34814.13	4548.825	3748.965

Sample Name: WIPE MDL#13 Acquired: 11/16/2018 18:38:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053531	.0112229	.0034576	.0062475	.0137470	.0296558	.0267981
Stddev	.0031631	.0009510	.0014444	.0003847	.0003640	.0029315	.0011998
%RSD	59.08940	8.473553	41.77543	6.158271	2.647572	9.885004	4.477009

#1	.0059237	.0118106	.0051246	.0059161	.0141592	.0306451	.0255690
#2	.0019435	.0101257	.0026707	.0066694	.0134700	.0263576	.0268590
#3	.0081921	.0117323	.0025775	.0061569	.0136118	.0319646	.0279662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017021	.0016828	.5224719	.0023194	.0086604	.0082825	.0469023
Stddev	.0000316	.0000380	.0068310	.0001976	.0001390	.0046567	.0178262
%RSD	1.853686	2.259781	1.307433	8.518421	1.604528	56.22377	38.00718

#1	.0017305	.0016418	.5279501	.0021574	.0087835	.0113513	.0402693
#2	.0017076	.0017169	.5148181	.0025396	.0086880	.0029242	.0670941
#3	.0016681	.0016897	.5246476	.0022613	.0085097	.0105719	.0333434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068147	.5560263	.0119179	.0029969	.5070714	.0077903	.0170194
Stddev	.0021717	.0304521	.0003631	.0001979	.3137230	.0076920	.0108107
%RSD	31.86824	5.476739	3.046366	6.605245	61.86960	98.73820	63.51982

#1	.0071457	.5492675	.0123338	.0029893	.6736462	.0093425	.0291529
#2	.0044964	.5295214	.0116647	.0031985	.7023729	-.000559	.0084121
#3	.0088019	.5892900	.0117551	.0028029	.1451951	.014588	.0134932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1769838	.0134665	.0241483	.0551461	.0114972	.1101992	.0096104
Stddev	.0543962	.0014022	.0007045	.0005903	.0012786	.0020780	.0005859
%RSD	30.73510	10.41223	2.917521	1.070410	11.12130	1.885696	6.096928

#1	.1343633	.0119559	.0247963	.0551774	.0128988	.1078211	.0094046
#2	.1583371	.0147264	.0242504	.0545409	.0111983	.1116651	.0091552
#3	.2382511	.0137172	.0233983	.0557202	.0103945	.1111113	.0102715

Sample Name: WIPE MDL#13 Acquired: 11/16/2018 18:38:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103728	.0004851	.0053689
Stddev	.0010422	.0007381	.0000587
%RSD	10.04783	152.1610	1.092838

#1	.0111542	.0009752	.0054344
#2	.0107748	-.000364	.0053512
#3	.0091895	.000844	.0053212

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1572.033	2974.641	34613.39	4536.858	3772.679
Stddev	10.893	5.094	210.73	20.905	13.234
%RSD	.6929442	.1712382	.6088039	.4607903	.3507793

#1	1565.849	2968.984	34552.60	4550.325	3757.498
#2	1565.640	2976.075	34439.74	4512.775	3781.785
#3	1584.611	2978.864	34847.83	4547.475	3778.753

Sample Name: WIPE MDL#14 Acquired: 11/16/2018 18:46:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063764	.0101649	.0037437	.0066406	.0147534	.0280734	.0269940
Stddev	.0025657	.0026437	.0024617	.0031041	.0016644	.0108533	.0005910
%RSD	40.23752	26.00846	65.75619	46.74450	11.28113	38.66034	2.189185

#1	.0035225	.0095886	.0011898	.0083726	.0128971	.0303836	.0276490
#2	.0084921	.0078569	.0061015	.0030570	.0152508	.0162510	.0265008
#3	.0071144	.0130493	.0039396	.0084923	.0161123	.0375856	.0268322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017310	.0016876	.5212526	.0021881	.0083279	.0026832	.0326147
Stddev	.0000181	.0000754	.0193558	.0003351	.0000988	.0015039	.0237632
%RSD	1.045394	4.467253	3.713319	15.31417	1.186847	56.04807	72.86047

#1	.0017312	.0016623	.5040396	.0024514	.0083642	.0021518	.0351571
#2	.0017128	.0016281	.5175129	.0018109	.0084036	.0043807	.0550044
#3	.0017490	.0017724	.5422054	.0023020	.0082161	.0015172	.0076825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050010	.5478279	.0116837	.0032028	.5567577	.0086992	.0188118
Stddev	.0006848	.0599558	.0001483	.0005220	.2788599	.0020089	.0070598
%RSD	13.69355	10.94427	1.268971	16.29911	50.08641	23.09256	37.52836

#1	.0053915	.5977567	.0115316	.0036033	.8726267	.0108612	.0258592
#2	.0042103	.4813300	.0118278	.0026124	.3446669	.0068903	.0188366
#3	.0054013	.5643970	.0116916	.0033927	.4529794	.0083460	.0117397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1427953	.0123929	.0226313	.0544909	.0254516	.1104964	.0081842
Stddev	.1020781	.0018077	.0002681	.0002557	.0032660	.0019605	.0007463
%RSD	71.48562	14.58684	1.184474	.4693339	12.83211	1.774246	9.119175

#1	.0423666	.0103063	.0228237	.0543831	.0216937	.1098119	.0090450
#2	.1395727	.0134854	.0227451	.0543066	.0276049	.1089699	.0077897
#3	.2464464	.0133870	.0223251	.0547828	.0270561	.1127073	.0077180

Sample Name: WIPE MDL#14 Acquired: 11/16/2018 18:46:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103458	.0044158	.0054757
Stddev	.0011987	.0017916	.0000764
%RSD	11.58660	40.57272	1.395289

#1	.0104598	.0046927	.0054684
#2	.0090941	.0025018	.0055556
#3	.0114834	.0060527	.0054033

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1547.643	2946.087	34155.96	4486.142	3738.938
Stddev	6.074	15.761	96.78	77.539	15.972
%RSD	.3924981	.5349679	.2833579	1.728408	.4271782

#1	1542.642	2927.927	34051.57	4528.500	3720.758
#2	1545.885	2954.135	34173.59	4533.275	3745.341
#3	1554.403	2956.198	34242.71	4396.650	3750.714

Sample Name: AIR MDL#14 Acquired: 11/16/2018 19:12:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075970	.0081449	.0039983	.0055693	.0133391	.0274660	.0230748
Stddev	.0009074	.0007696	.0008186	.0010665	.0012860	.0154633	.0006069
%RSD	11.94474	9.448962	20.47261	19.14985	9.641147	56.29965	2.630028

#1	.0067085	.0090216	.0030877	.0043403	.0121748	.0431367	.0225320
#2	.0085222	.0078322	.0046730	.0061160	.0131228	.0122188	.0229623
#3	.0075604	.0075807	.0042342	.0062517	.0147195	.0270426	.0237300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014595	.0014291	.4744669	.0020364	.0073428	.0046201	.0489521
Stddev	.0000720	.0000382	.0150955	.0003833	.0003083	.0058915	.0351655
%RSD	4.930282	2.673843	3.181578	18.82322	4.199062	127.5200	71.83652

#1	.0015028	.0014709	.4847478	.0024209	.0073149	.0106642	.0895577
#2	.0014992	.0013960	.4571362	.0020339	.0070494	-.001106	.0286240
#3	.0013764	.0014203	.4815166	.0016543	.0076641	.004302	.0286746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054966	.4656889	.0102213	.0023667	.4862799	.0114534	.0271583
Stddev	.0006811	.0642872	.0003508	.0002215	.1361538	.0111088	.0157701
%RSD	12.39191	13.80475	3.431680	9.360995	27.99906	96.99112	58.06730

#1	.0060367	.5205948	.0105351	.0023177	.4276312	.0089967	.0243186
#2	.0057217	.4815007	.0102862	.0021738	.3892789	.0235849	.0441552
#3	.0047314	.3949711	.0098426	.0026087	.6419297	.0017786	.0130010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911721	.0104619	.0198430	.0463394	.0082240	.1162193	.0071106
Stddev	.0279050	.0014684	.0007255	.0001887	.0002677	.0025082	.0014850
%RSD	30.60696	14.03532	3.656326	.4073088	3.254943	2.158195	20.88501

#1	.0671758	.0117822	.0201597	.0462031	.0083131	.1177681	.0054279
#2	.0845472	.0088805	.0190130	.0462602	.0084357	.1133254	.0076659
#3	.1217935	.0107231	.0203564	.0465548	.0079231	.1175644	.0082379

Sample Name: AIR MDL#14 Acquired: 11/16/2018 19:12:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0067623	.0011247	.0046545
Stddev	.0015595	.0007878	.0000333
%RSD	23.06121	70.04420	.7143950

#1	.0071294	.0019764	.0046292
#2	.0050521	.0009757	.0046922
#3	.0081055	.0004221	.0046422

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.626	2999.557	34527.68	4465.900	3777.021
Stddev	12.770	7.704	109.32	22.136	4.513
%RSD	.8151145	.2568361	.3166290	.4956580	.1194973

#1	1568.193	2992.202	34557.40	4441.775	3773.411
#2	1553.146	2998.902	34406.57	4485.275	3782.081
#3	1578.541	3007.568	34619.07	4470.650	3775.570

Sample Name: CCV012 Acquired: 11/16/2018 19:45:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.845144	4.782401	24.63839	4.758996	4.961916	411.2559	9.934984
Stddev	.031260	.001868	.01518	.015887	.012456	.3276	.019520
%RSD	.6451884	.0390530	.0616003	.3338323	.2510352	.0796524	.1964778

#1	4.858258	4.781086	24.62091	4.748861	4.961393	411.0448	9.917301
#2	4.809463	4.781579	24.64822	4.750821	4.949730	411.6332	9.955930
#3	4.867712	4.784539	24.64603	4.777305	4.974626	411.0895	9.931722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5179368	2.424566	396.5064	15.29172	2.460704	15.37743	418.1437
Stddev	.0019921	.003694	1.1884	.01002	.001814	.03209	.8759
%RSD	.3846241	.1523609	.2997282	.0655522	.0737231	.2087146	.2094748

#1	.5156828	2.420664	395.1502	15.30270	2.460404	15.37456	419.1538
#2	.5194616	2.428010	397.3658	15.28306	2.462650	15.34686	417.6835
#3	.5186659	2.425024	397.0032	15.28940	2.459059	15.41086	417.5939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90293	424.9495	2.444505	1.241837	400.6155	2.565600	15.38976
Stddev	.04076	.7427	.002915	.009695	.6447	.011180	.15783
%RSD	.2735012	.1747696	.1192506	.7807251	.1609186	.4357720	1.025578

#1	14.90891	425.8068	2.443256	1.252687	400.9040	2.577132	15.51536
#2	14.85952	424.5008	2.447837	1.234023	401.0654	2.554808	15.21259
#3	14.94038	424.5409	2.442423	1.238801	399.8769	2.564859	15.44134

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.7519	5.085213	5.320922	4.899043	4.990740	5.152007	4.960301
Stddev	.4328	.007811	.023343	.014741	.009462	.024464	.005552
%RSD	.2778510	.1536104	.4386966	.3008931	.1895818	.4748381	.1119319

#1	155.3239	5.092248	5.294770	4.887868	4.990443	5.126855	4.954150
#2	156.1893	5.076807	5.339649	4.893510	5.000347	5.175718	4.964943
#3	155.7424	5.086584	5.328347	4.915749	4.981431	5.153449	4.961809

Sample Name: CCV012 Acquired: 11/16/2018 19:45:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.098380	5.054702	5.068488
Stddev	.007036	.012668	.005009
%RSD	.1380062	.2506194	.0988201

#1	5.106357	5.050632	5.062845
#2	5.095730	5.068905	5.070210
#3	5.093054	5.044569	5.072408

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.162	2606.210	32805.97	4218.124	3022.787
Stddev	9.630	6.593	99.40	4.341	4.078
%RSD	.7023448	.2529707	.3029955	.1029163	.1348939

#1	1361.205	2612.145	32692.37	4215.081	3025.679
#2	1380.428	2607.371	32876.98	4216.195	3018.123
#3	1371.853	2599.113	32848.56	4223.095	3024.558

Sample Name: CCB012 Acquired: 11/16/2018 19:49:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011812	-.000529	.0027231	.0008517	-.000965	-.003205	.0012496
Stddev	.0018339	.000767	.0004929	.0009483	.001400	.004649	.0003974
%RSD	155.2604	144.9036	18.10044	111.3460	145.0380	145.0716	31.80487

#1	.0013315	-.000563	.0028417	.0019459	-.002582	.001853	.0008879
#2	.0029353	-.001279	.0021817	.0003413	-.000115	-.004174	.0011858
#3	-.000723	.000254	.0031458	.0002678	-.000200	-.007293	.0016750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000595	.0000646	-.004289	-.000653	-.000161	-.000990	.0231555
Stddev	.0000627	.0000065	.007987	.000370	.000138	.001954	.0254030
%RSD	105.4154	10.02947	186.2109	56.73104	85.57382	197.3342	109.7064

#1	.0000607	.0000710	-.002763	-.000381	-.000319	.000965	-.004669
#2	.0001215	.0000581	.002824	-.001075	-.000059	-.002942	.029025
#3	-.000004	.0000647	-.012929	-.000503	-.000107	-.000993	.045110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008162	-.040663	.0000555	.0007933	-.086212	-.002529	.0128275
Stddev	.0015823	.070280	.0003051	.0002617	.162936	.001454	.0180109
%RSD	193.8649	172.8371	550.1249	32.99197	188.9946	57.48230	140.4084

#1	.0017264	-.048723	.0003622	.0008555	.033547	-.001273	-.006764
#2	-.001011	-.106565	.0000522	.0005060	-.020428	-.004121	.028667
#3	.001733	.033300	-.000248	.0010183	-.271755	-.002193	.016579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.315691	.0052025	.0071747	.0000810	-.004293	-.001573	-.001116
Stddev	.037758	.0004145	.0009192	.0001052	.001726	.000766	.000534
%RSD	11.96055	7.966792	12.81115	129.8929	40.19825	48.72577	47.88137

#1	-.295100	.0047605	.0072812	.0002023	-.006107	-.002064	-.000694
#2	-.292705	.0052647	.0062070	.0000145	-.004101	-.001965	-.000938
#3	-.359269	.0055824	.0080360	.0000262	-.002671	-.000690	-.001717

Sample Name: CCB012 Acquired: 11/16/2018 19:49:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v718) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000474	.0021143	-.000005
Stddev	.002301	.0009365	.000057
%RSD	485.6600	44.29129	1068.333

#1	-.002658	.0013343	.000014
#2	-.000693	.0031529	-.000069
#3	.001929	.0018558	.000040

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1581.794	3047.443	34727.01	4344.033	3803.037
Stddev	5.315	9.336	31.14	42.303	6.607
%RSD	.3359872	.3063533	.0896582	.9738287	.1737184

#1	1576.573	3036.672	34693.20	4310.625	3805.310
#2	1581.610	3053.232	34754.50	4329.875	3808.206
#3	1587.198	3052.424	34733.33	4391.600	3795.594