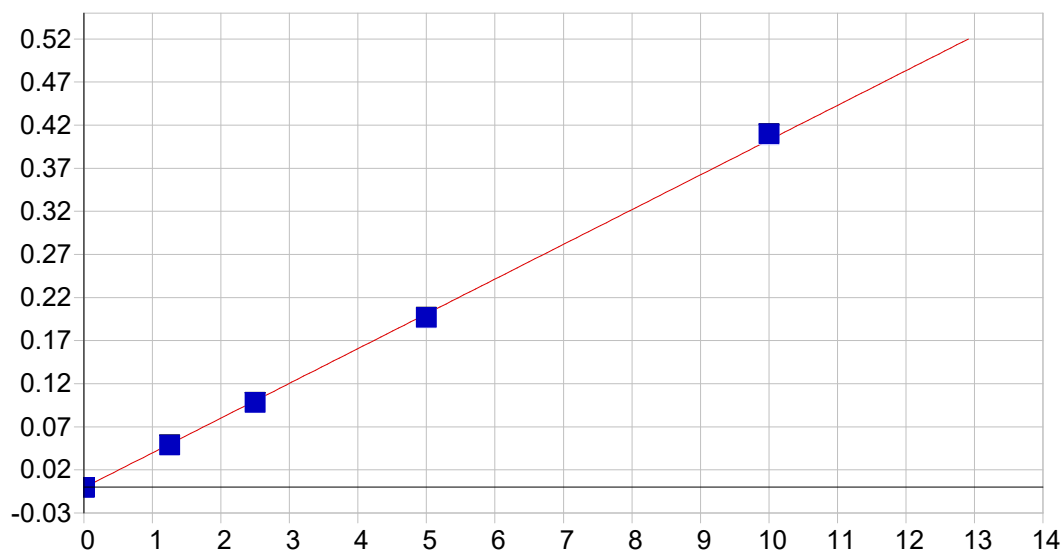


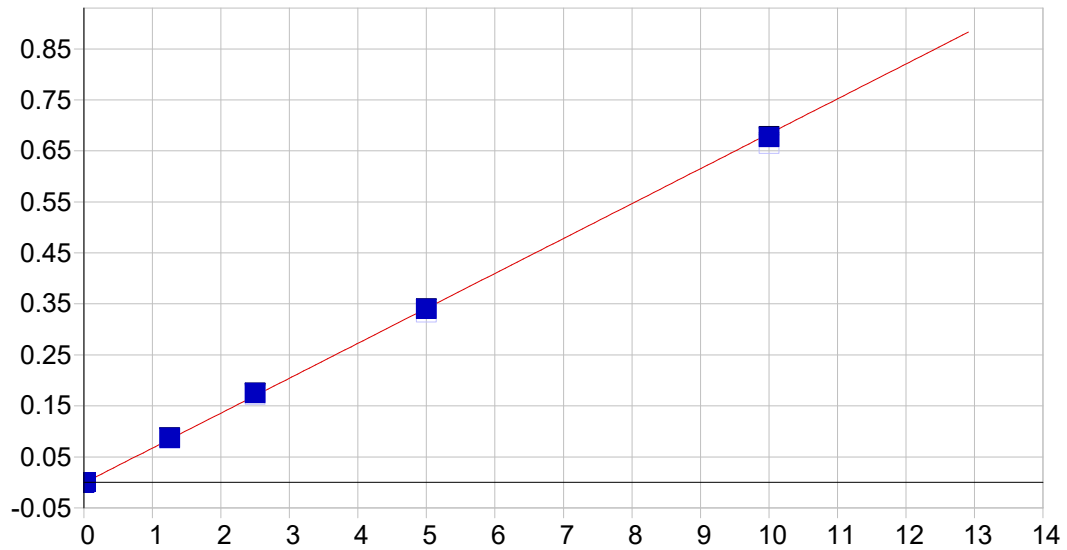


As 189.042 {479}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000544 Re-Slope: 1.000000
 A1 (Gain): 0.040318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002958
 Predicted MQL: 0.009861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.01000	.00969	-.000	-3.13	-.00015	.000	1
S2	1.2500	1.2226	-.027	-2.19	.04857	.000	1
S3	2.5000	2.4506	-.049	-1.98	.09790	.000	1
S4	5.0000	4.8946	-.105	-2.11	.19607	.000	1
S5	10.000	10.183	.183	1.83	.40855	.000	1

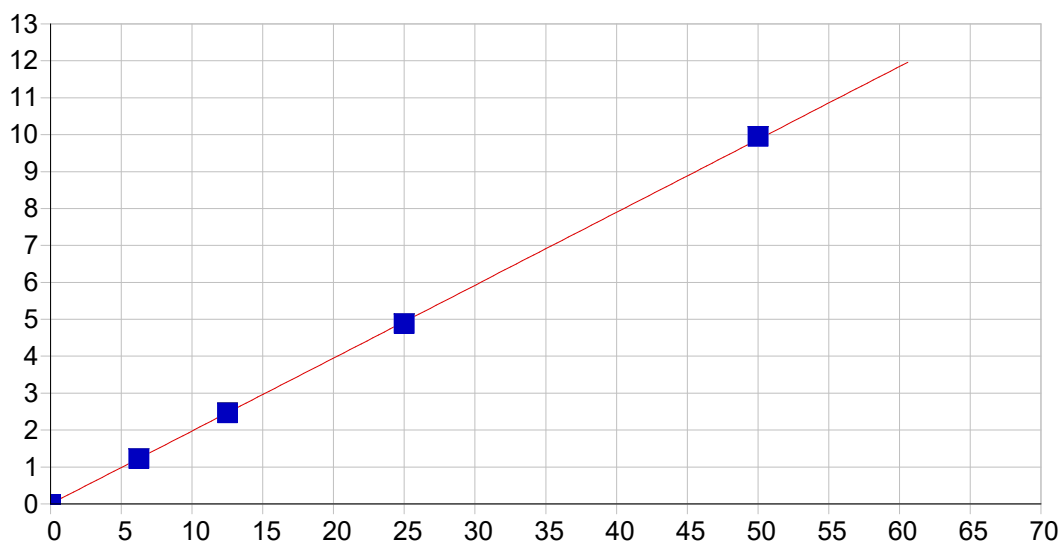


TI 190.856 {477}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001115 Re-Slope: 1.000000
 A1 (Gain): 0.068460 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.001855
 Predicted MQL: 0.006184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00111	.000	1
S1	.02500	.02553	.001	2.12	.00056	.000	1
S2	1.2500	1.2921	.042	3.37	.08576	.000	1
S3	2.5000	2.5724	.072	2.89	.17183	.000	1
S4	5.0000	4.9819	-.018	-.362	.33363	.000	1
S5	10.000	9.9031	-.097	-.969	.66423	.002	1

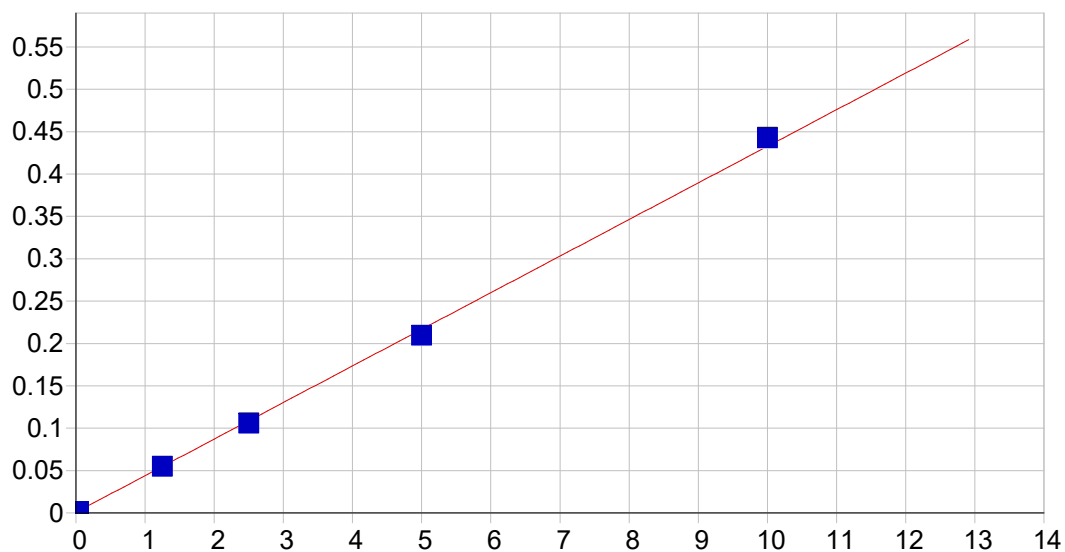


Pb 220.353 {453}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.197405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001507
 Predicted MQL: 0.005022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.01000	.01006	.000	.647	.00235	.000	1
S2	6.2500	6.2101	-.040	-.639	1.2261	.006	1
S3	12.500	12.454	-.046	-.370	2.4585	.001	1
S4	25.000	24.706	-.294	-1.18	4.8769	.011	1
S5	50.000	50.381	.381	.761	9.9447	.007	1

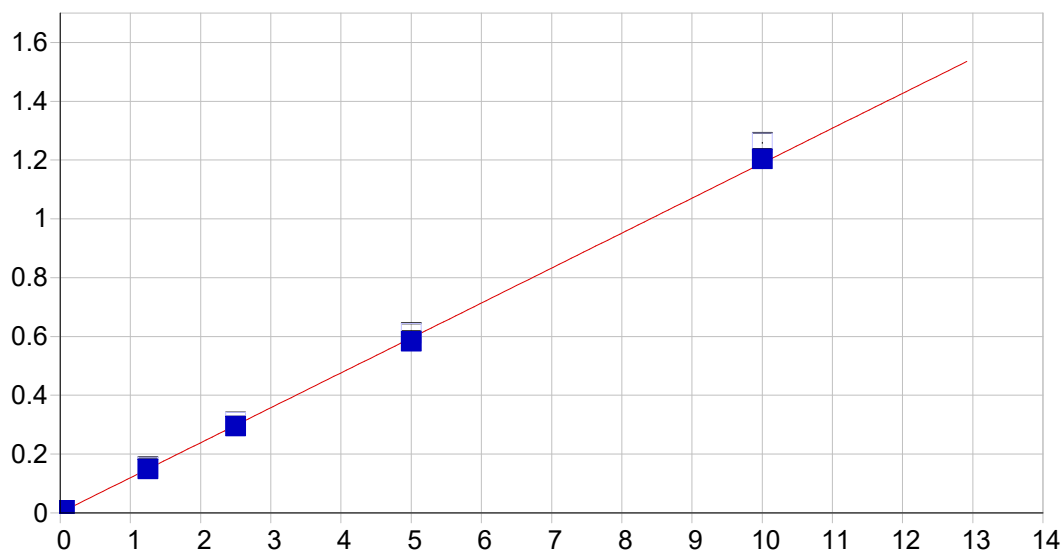


Se 196.090 {472}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000772 Re-Slope: 1.000000
 A1 (Gain): 0.043192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999648 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.003295
 Predicted MQL: 0.010985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00077	.000	1
S1	.03500	.03599	.001	2.82	.00233	.000	1
S2	1.2500	1.2503	.000	.026	.05463	.000	1
S3	2.5000	2.4312	-.069	-2.75	.10549	.000	1
S4	5.0000	4.8317	-.168	-3.37	.20889	.000	1
S5	10.000	10.236	.236	2.36	.44174	.001	1

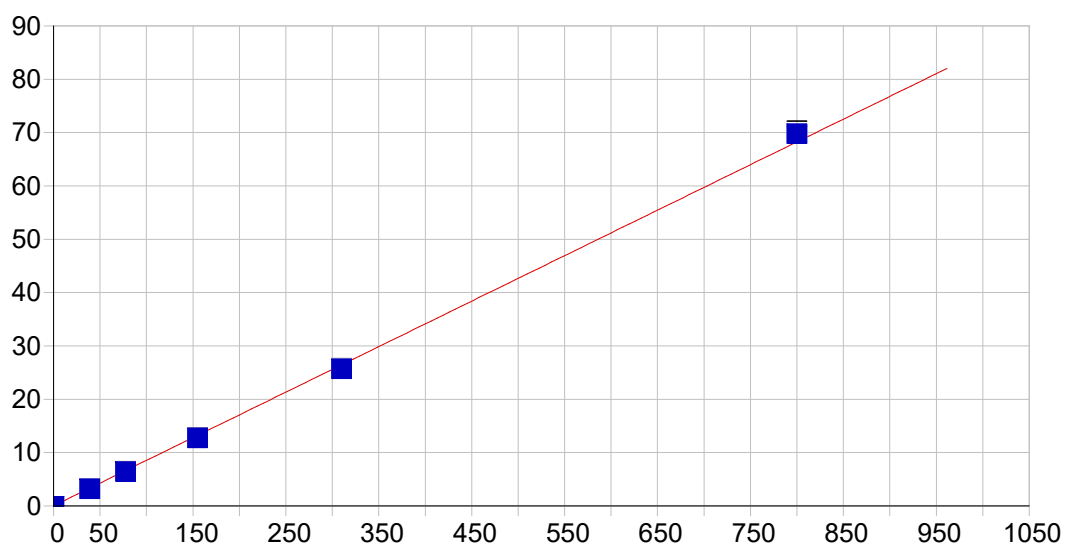


Sb 206.833 {463}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000934 Re-Slope: 1.000000
 A1 (Gain): 0.118827 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.001710
 Predicted MQL: 0.005700

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00093	.000	1
S1	.06000	.06471	.005	7.86	.00863	.000	1
S2	1.2500	1.2475	-.003	-.203	.15601	.000	1
S3	2.5000	2.4704	-.030	-1.18	.30816	.001	1
S4	5.0000	4.9045	-.095	-1.91	.61108	.002	1
S5	10.000	10.123	.123	1.23	1.2585	.001	1

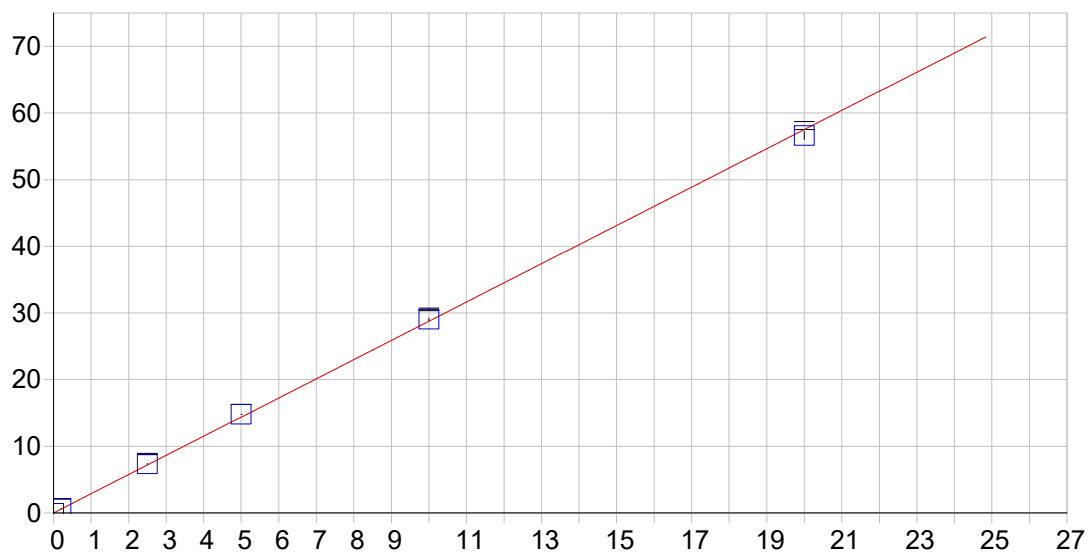


AI 396.152 { 85}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003508 Re-Slope: 1.000000
 A1 (Gain): 0.085308 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999658 Status: OK.
 Std Error of Est: 0.001389
 Predicted MDL: 0.009541
 Predicted MQL: 0.031804

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00351	.001	1
S1	.20000	.21755	.018	8.77	.02236	.001	1
S2	38.750	37.549	-1.20	-3.10	3.2134	.015	1
S3	77.500	75.353	-2.15	-2.77	6.4449	.007	1
S4	155.00	149.32	-5.68	-3.66	12.768	.026	1
S5	310.00	301.25	-8.75	-2.82	25.755	.042	1
S6	800.00	817.78	17.8	2.22	69.809	.488	1

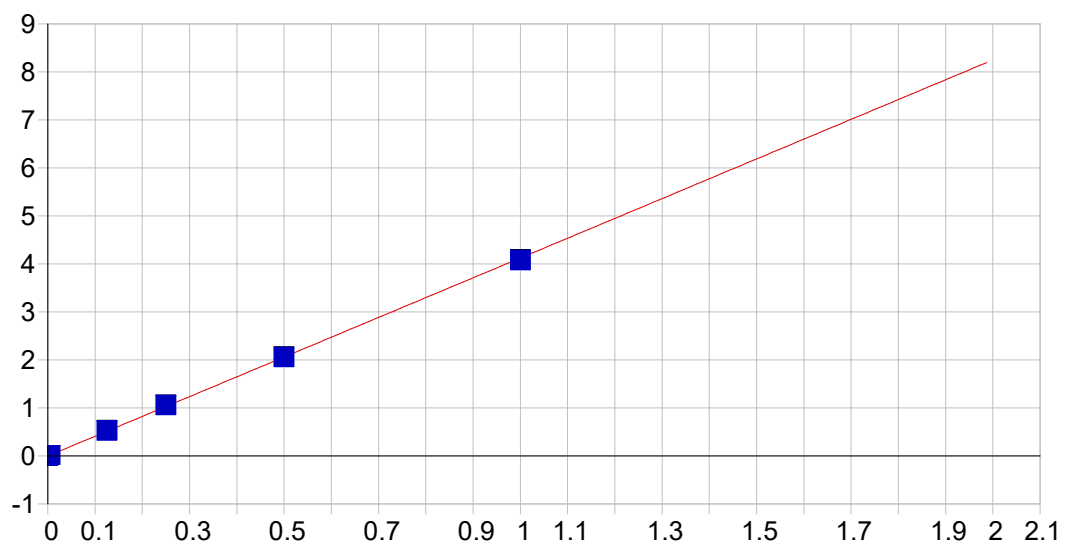


Ba 493.409 { 68}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003821	Re-Slope:	1.000000
A1 (Gain):	2.875311	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999849	Status:	OK.
Std Error of Est:	0.005311		
Predicted MDL:	0.000521		
Predicted MQL:	0.001737		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00376	.001	1
S1	.20000	.21164	.012	5.82	.61235	.005	1
S2	2.5000	2.5510	.051	2.04	7.3388	.086	1
S3	5.0000	5.1413	.141	2.83	14.787	.015	1
S4	10.000	10.101	.101	1.01	29.047	.182	1
S5	20.000	19.695	-.305	-1.53	56.633	.585	1

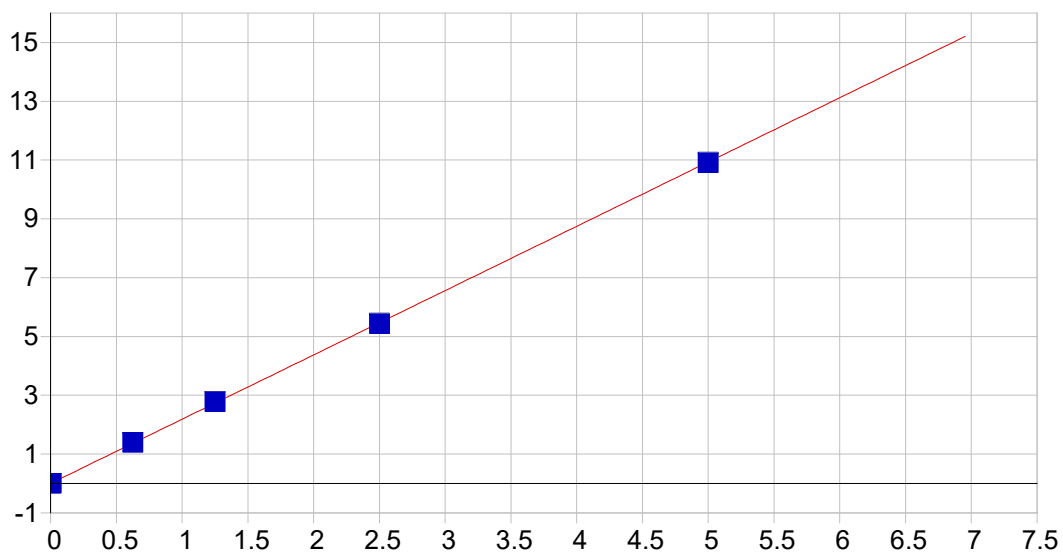


Be 234.861 {144}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003274	Re-Slope:	1.000000
A1 (Gain):	4.126207	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999874	Status:	OK.
Std Error of Est:	0.000245		
Predicted MDL:	0.000076		
Predicted MQL:	0.000253		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00328	.000	1
S1	.00500	.00553	.001	10.5	.01951	.001	1
S2	.12500	.12857	.004	2.85	.52550	.008	1
S3	.25000	.25696	.007	2.79	1.0536	.002	1
S4	.50000	.49993	-.000	-.015	2.0527	.010	1
S5	1.0000	.98902	-.011	-1.10	4.0639	.014	1

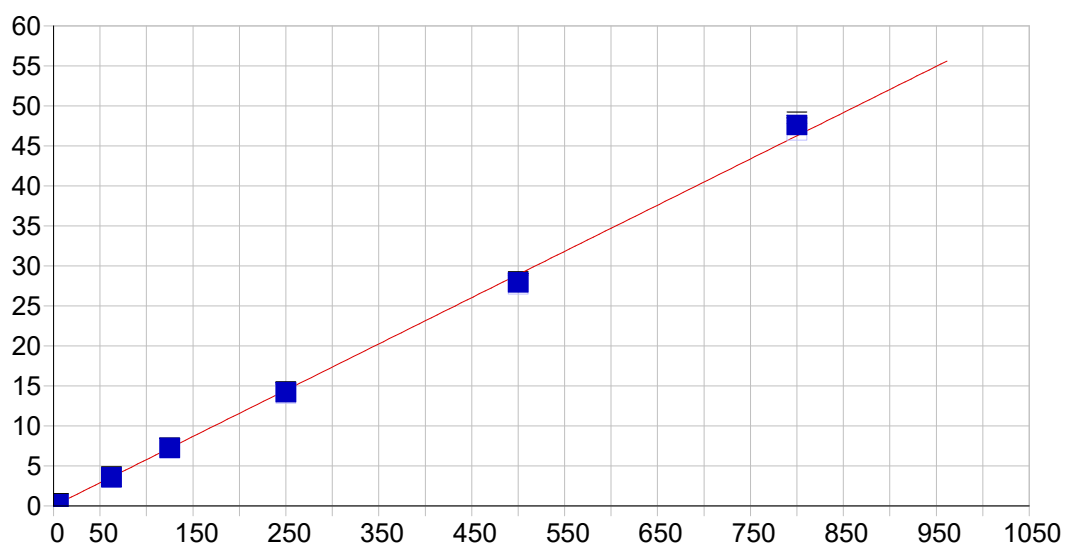


Cd 214.438 {457}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000029	Re-Slope:	1.000000
A1 (Gain):	2.186987	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000156		
Predicted MDL:	0.000086		
Predicted MQL:	0.000288		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.00500	.00551	.001	10.2	.01208	.000	1
S2	.62500	.63569	.011	1.71	1.3924	.007	1
S3	1.2500	1.2694	.019	1.56	2.7805	.002	1
S4	2.5000	2.4848	-.015	-.606	5.4428	.009	1
S5	5.0000	4.9845	-.015	-.310	10.918	.007	1

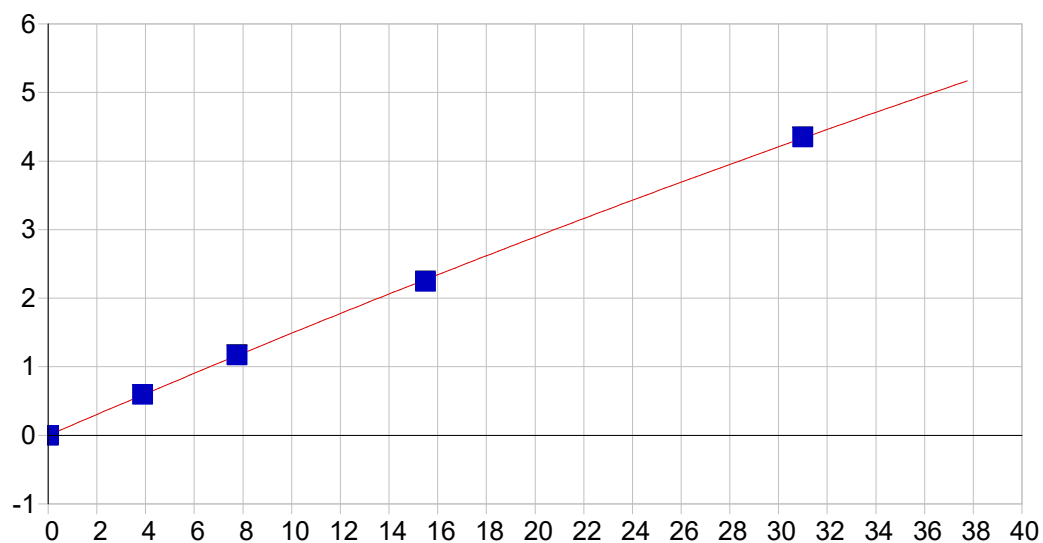


Ca 373.690 { 90}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001008 Re-Slope: 1.000000
 A1 (Gain): 0.057839 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999583 Status: OK.
 Std Error of Est: 0.005760
 Predicted MDL: 0.011776
 Predicted MQL: 0.039253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00075	.001	.000	.00105	.000	1
S1	5.0000	4.4261	-.574	-11.5	.25692	.005	1
S2	62.500	61.719	-.781	-1.25	3.5384	.050	1
S3	125.00	125.05	.049	.039	7.1690	.014	1
S4	250.00	245.30	-4.70	-1.88	14.060	.096	1
S5	500.00	482.94	-17.1	-3.41	27.675	.102	1
S6	800.00	823.20	23.2	2.90	46.924	.375	1

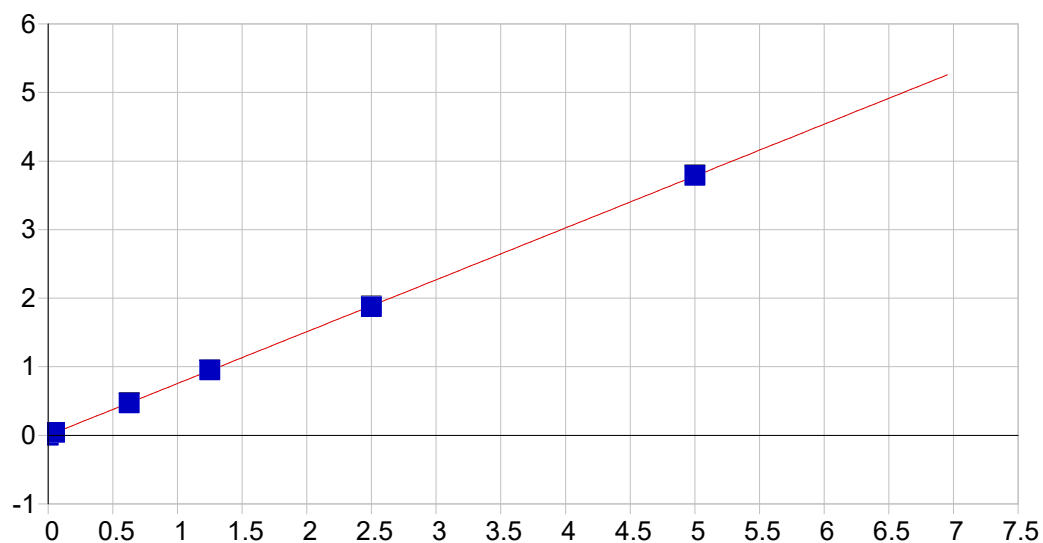


Cr 267.716 {126}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.153281 Y-int: 0.000000
 A2 (Curvature): -0.000433
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.000506
 Predicted MQL: 0.001687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01160	.002	16.0	.00172	.000	1
S2	3.8750	3.9297	.055	1.41	.59634	.001	1
S3	7.7500	7.8064	.056	.728	1.1716	.004	1
S4	15.500	15.305	-.195	-1.26	2.2474	.001	1
S5	31.000	31.083	.083	.269	4.3516	.004	1

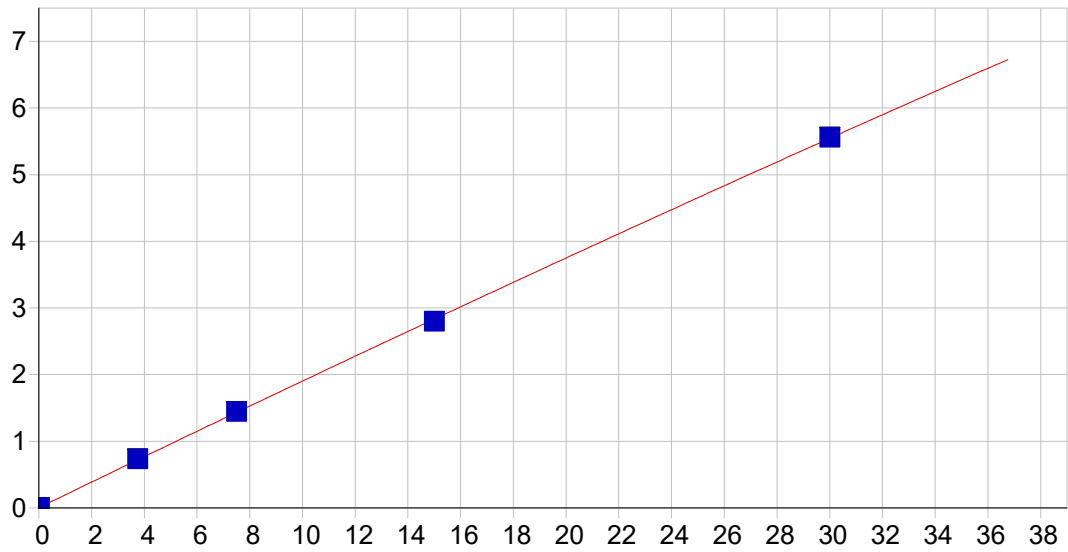


Co 228.616 {448}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000398 Re-Slope: 1.000000
 A1 (Gain): 0.756200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.000264
 Predicted MQL: 0.000880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00040	.000	1
S1	.05000	.05152	.002	3.05	.03870	.000	1
S2	.62500	.62313	-.002	-.298	.47157	.001	1
S3	1.2500	1.2590	.009	.724	.95320	.001	1
S4	2.5000	2.4821	-.018	-.717	1.8796	.005	1
S5	5.0000	5.0092	.009	.184	3.7936	.002	1

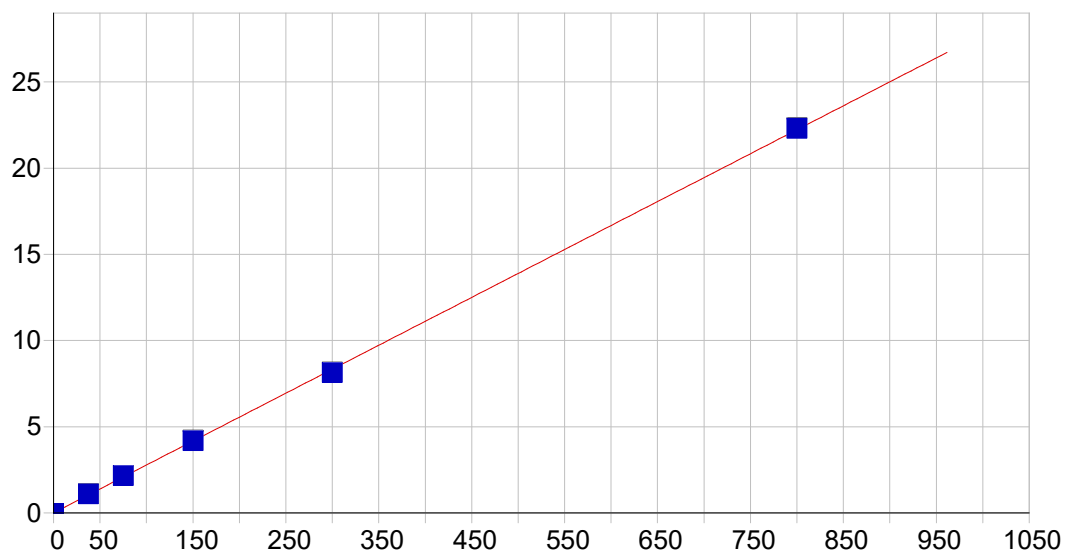


Cu 324.754 {104}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.003494 Re-Slope: 1.000000
 A1 (Gain): 0.192572 Y-int: 0.000000
 A2 (Curvature): -0.000261
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.002421
 Predicted MQL: 0.008068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00349	.000	1
S1	.02500	.02623	.001	4.93	.00854	.000	1
S2	3.7500	3.8055	.056	1.48	.73201	.002	1
S3	7.5000	7.5552	.055	.736	1.4424	.001	1
S4	15.000	14.813	-.187	-1.25	2.7965	.001	1
S5	30.000	30.076	.076	.252	5.5545	.005	1

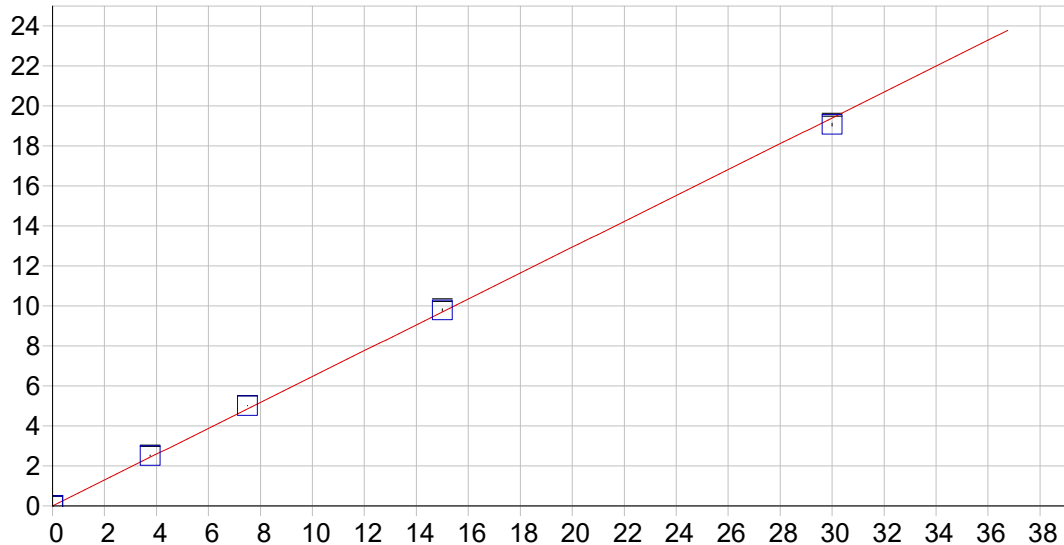


Fe 259.837 {130}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000799 Re-Slope: 1.000000
 A1 (Gain): 0.027786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000198
 Predicted MDL: 0.008327
 Predicted MQL: 0.027758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00080	.000	1
S1	.10000	.10545	.005	5.45	.00384	.000	1
S2	37.500	39.136	1.64	4.36	1.0904	.011	1
S3	75.000	77.725	2.73	3.63	2.1648	.003	1
S4	150.00	150.52	.519	.346	4.1918	.023	1
S5	300.00	292.62	-7.38	-2.46	8.1489	.026	1
S6	800.00	802.50	2.50	.312	22.327	.023	1

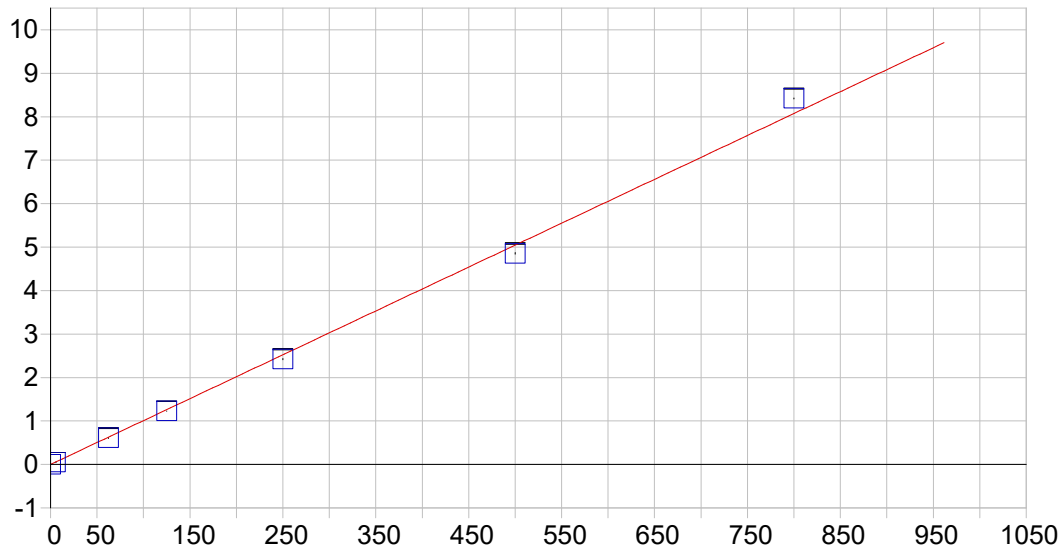


Mn 257.610 {131}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000493 Re-Slope: 1.000000
 A1 (Gain): 0.646914 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000467
 Predicted MDL: 0.000377
 Predicted MQL: 0.001256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.01500	.01712	.002	14.2	.01157	.000	1
S2	3.7500	3.8769	.127	3.38	2.5085	.034	1
S3	7.5000	7.7490	.249	3.32	5.0135	.005	1
S4	15.000	15.141	.141	.942	9.7956	.067	1
S5	30.000	29.481	-.519	-1.73	19.072	.076	1

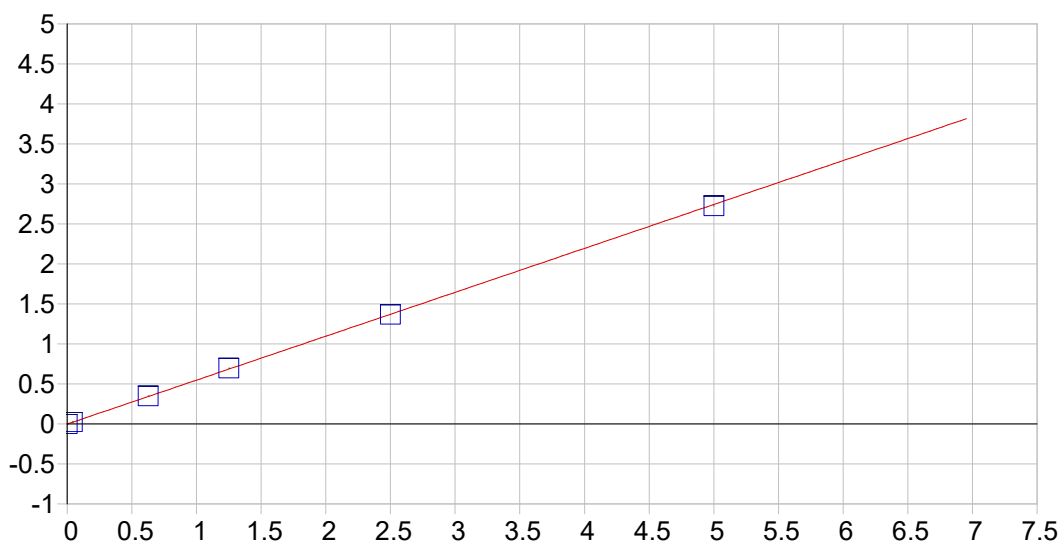


Mg 279.079 {121}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000226	Re-Slope:	1.000000
A1 (Gain):	0.010092	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999209	Status:	OK.
Std Error of Est:	0.001402		
Predicted MDL:	0.025622		
Predicted MQL:	0.085407		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00042	.000	.000	-.00022	.000	1
S1	5.0000	5.0598	.060	1.20	.05084	.001	1
S2	62.500	60.345	-2.15	-3.45	.60878	.009	1
S3	125.00	121.65	-3.35	-2.68	1.2274	.003	1
S4	250.00	240.02	-9.98	-3.99	2.4220	.015	1
S5	500.00	481.04	-19.0	-3.79	4.8544	.018	1
S6	800.00	834.39	34.4	4.30	8.4204	.009	1

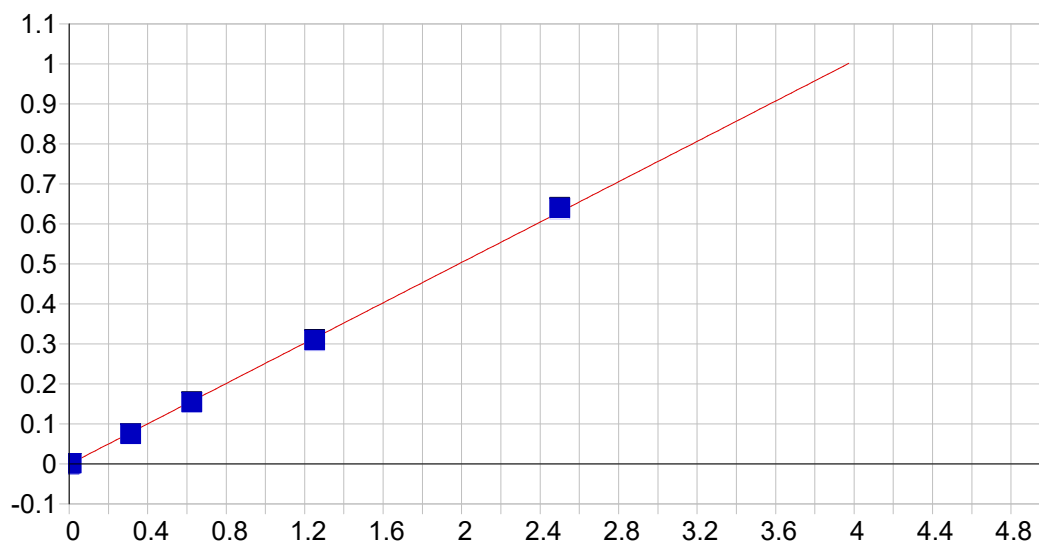


Ni 231.604 {446}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001489	Re-Slope:	1.000000
A1 (Gain):	0.548850	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999937	Status:	OK.
Std Error of Est:	0.000147		
Predicted MDL:	0.000420		
Predicted MQL:	0.001401		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00149	.000	1
S1	.04000	.04380	.004	9.51	.02255	.000	1
S2	.62500	.63613	.011	1.78	.34765	.001	1
S3	1.2500	1.2730	.023	1.84	.69720	.001	1
S4	2.5000	2.4927	-.007	-.293	1.3666	.003	1
S5	5.0000	4.9694	-.031	-.612	2.7260	.003	1

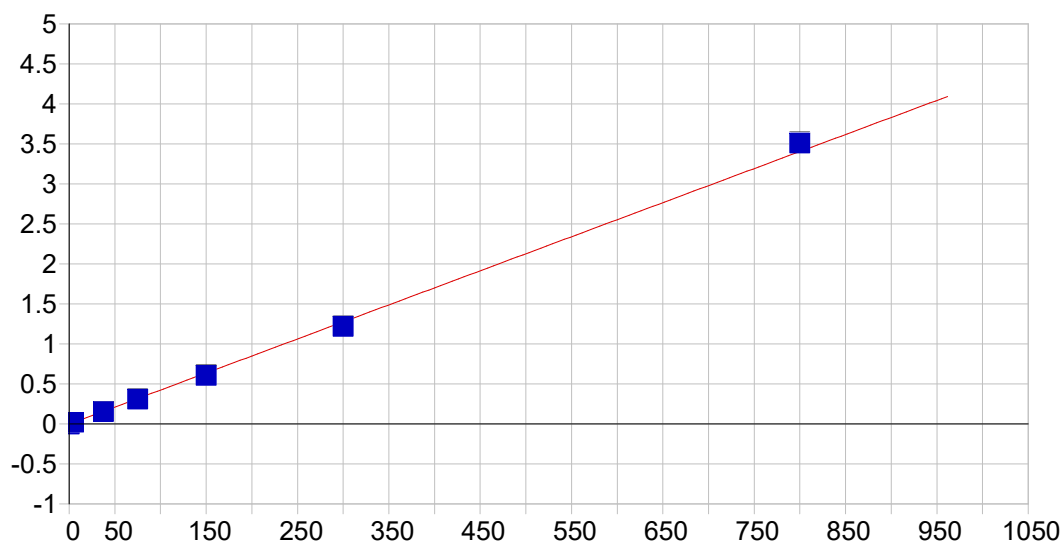


Ag 328.068 {103}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000692 Re-Slope: 1.000000
 A1 (Gain): 0.252173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.000494
 Predicted MQL: 0.001647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.01000	.01002	.000	.204	.00181	.000	1
S2	.31250	.30135	-.011	-3.57	.07479	.000	1
S3	.62500	.61483	-.010	-1.63	.15332	.001	1
S4	1.2500	1.2299	-.020	-1.61	.30741	.002	1
S5	2.5000	2.5414	.041	1.66	.63606	.001	1

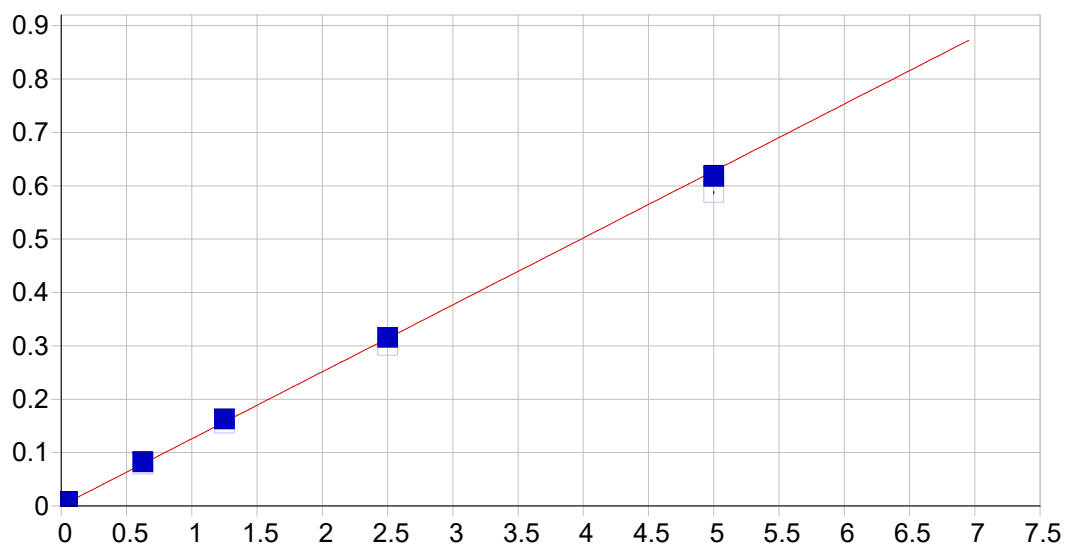


Na 818.326 { 41}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002588 Re-Slope: 1.000000
 A1 (Gain): 0.004259 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999350 Status: OK.
 Std Error of Est: 0.000477
 Predicted MDL: 0.300792
 Predicted MQL: 1.002640

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00036	.000	.000	-.00259	.001	1
S1	5.0000	5.2664	.266	5.33	.01984	.001	1
S2	37.500	36.318	-1.18	-3.15	.15280	.002	1
S3	75.000	72.717	-2.28	-3.04	.30853	.001	1
S4	150.00	142.72	-7.28	-4.86	.60808	.002	1
S5	300.00	286.54	-13.5	-4.49	1.2235	.002	1
S6	800.00	823.95	23.9	2.99	3.5217	.002	1

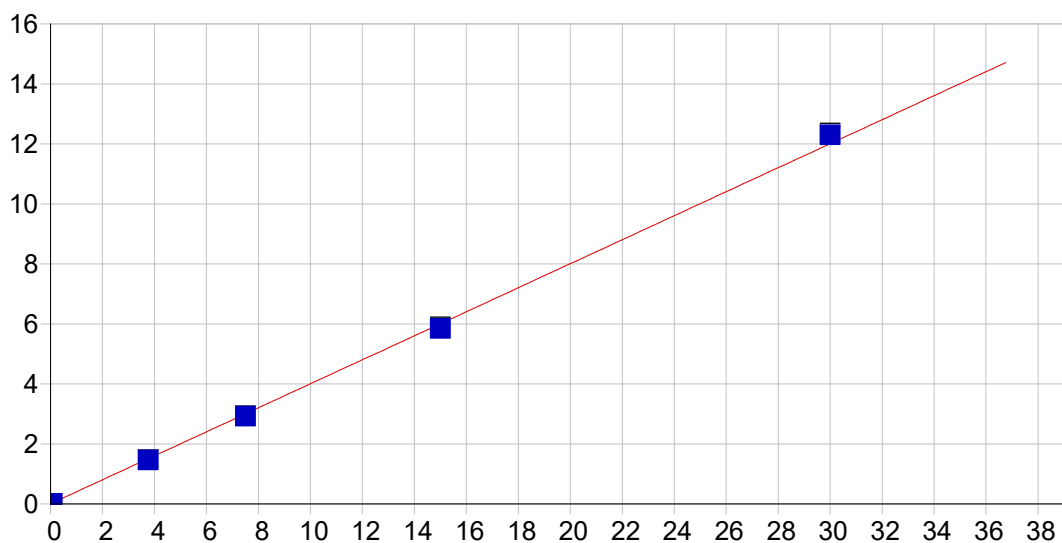


V 292.402 {115}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000361	Re-Slope:	1.000000
A1 (Gain):	0.125465	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999749	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.002760		
Predicted MQL:	0.009198		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00036	.000	1
S1	.05000	.05477	.005	9.55	.00722	.000	1
S2	.62500	.64980	.025	3.97	.07813	.001	1
S3	1.2500	1.2923	.042	3.38	.15498	.000	1
S4	2.5000	2.5108	.011	.434	.30035	.000	1
S5	5.0000	4.9171	-.083	-1.66	.58721	.002	1

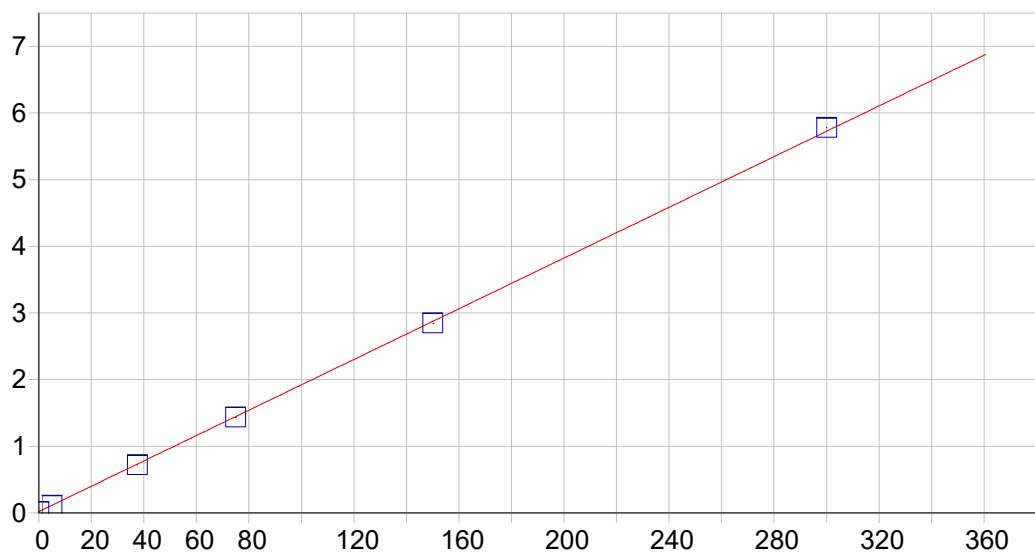


Zn 213.856 {158}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003142 Re-Slope: 1.000000
 A1 (Gain): 0.400119 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999672 Status: OK.
 Std Error of Est: 0.000731
 Predicted MDL: 0.001404
 Predicted MQL: 0.004679

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00314	.000	1
S1	.06000	.05983	-.000	-.276	.02715	.000	1
S2	3.7500	3.6349	-.115	-3.07	1.4600	.013	1
S3	7.5000	7.2904	-.210	-2.79	2.9251	.012	1
S4	15.000	14.605	-.395	-2.64	5.8565	.041	1
S5	30.000	30.720	.720	2.40	12.315	.049	1

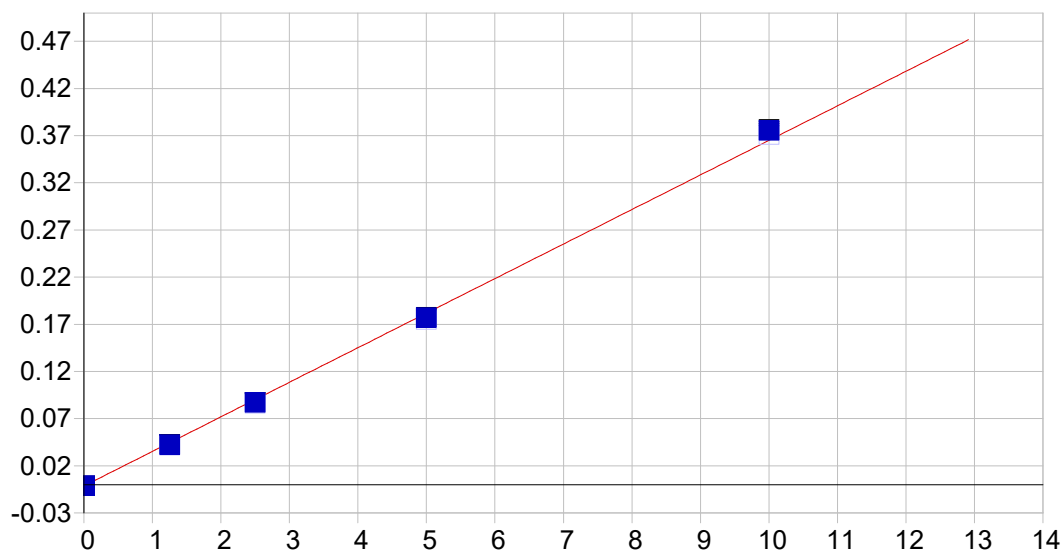


K 769.896 { 44}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.019427	Re-Slope:	1.000000
A1 (Gain):	0.019024	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000404		
Predicted MDL:	0.069075		
Predicted MQL:	0.230250		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	.01943	.000	1
S1	5.0000	4.8779	-.122	-2.44	.11222	.001	1
S2	37.500	36.724	-.776	-2.07	.71805	.003	1
S3	75.000	74.496	-.504	-.672	1.4366	.001	1
S4	150.00	148.64	-1.36	-.908	2.8471	.002	1
S5	300.00	302.76	2.76	.922	5.7791	.005	1

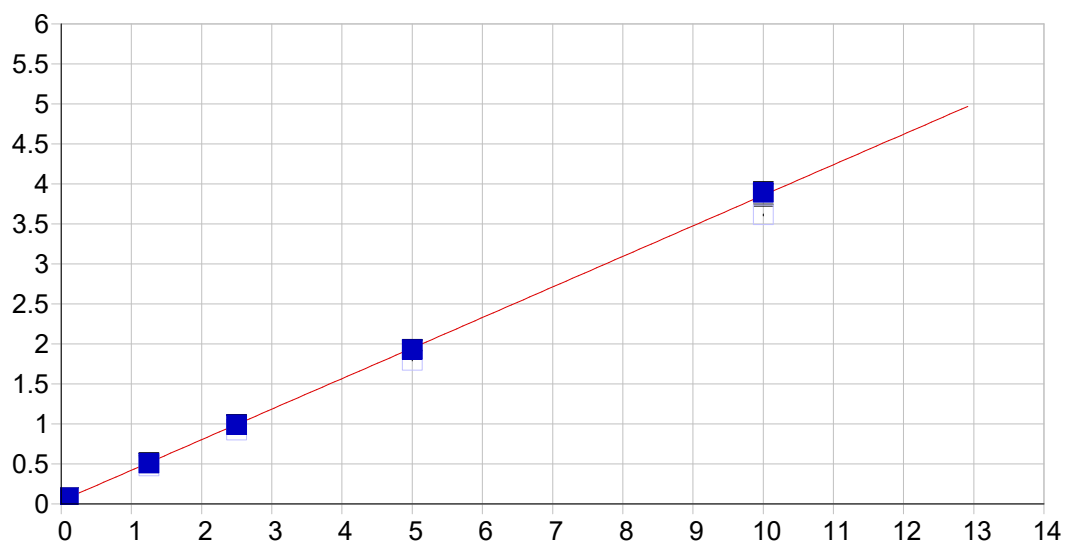


P 177.495 {490}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001408 Re-Slope: 1.000000
 A1 (Gain): 0.036640 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002632
 Predicted MQL: 0.008772

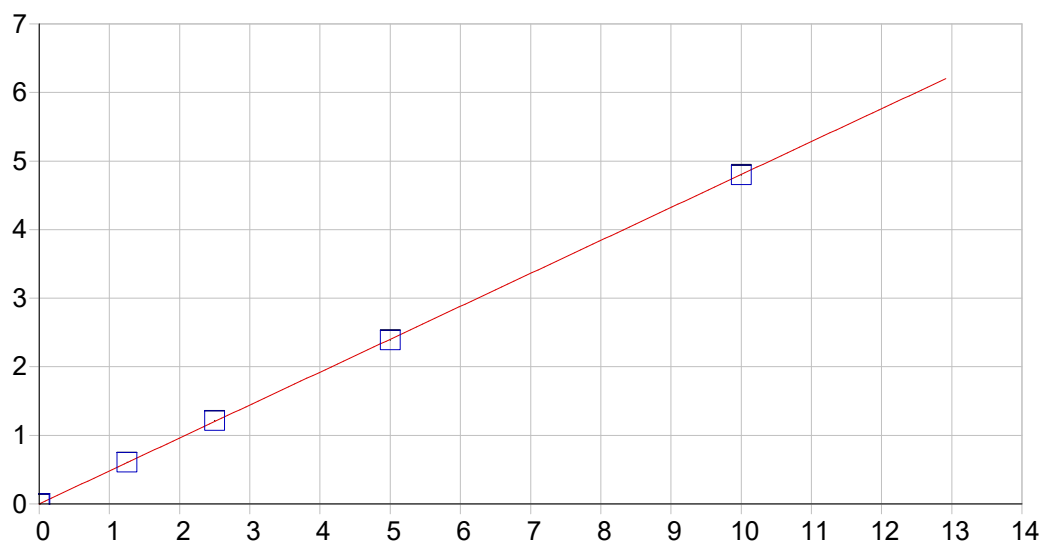
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00141	.000	1
S1	.01000	.01064	.001	6.43	-.00102	.000	1
S2	1.2500	1.1907	-.059	-4.74	.04171	.000	1
S3	2.5000	2.4110	-.089	-3.56	.08590	.000	1
S4	5.0000	4.8656	-.134	-2.69	.17482	.000	1
S5	10.000	10.282	.282	2.82	.37122	.001	1



Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039074 Re-Slope: 1.000000
 A1 (Gain): 0.381791 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000200
 Predicted MDL: 0.000982
 Predicted MQL: 0.003274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03908	.001	1
S1	.10000	.09659	-.003	-3.41	.07587	.001	1
S2	1.2500	1.2257	-.024	-1.94	.47240	.008	1
S3	2.5000	2.4888	-.011	-.446	.92002	.004	1
S4	5.0000	4.9525	-.047	-.949	1.7914	.004	1
S5	10.000	10.087	.087	.866	3.6129	.012	1

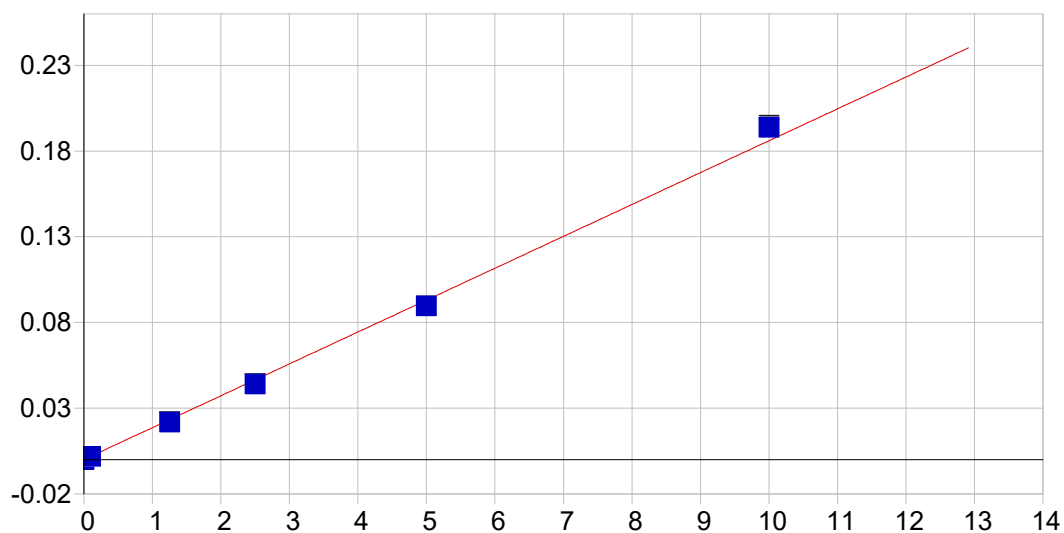


Mo 202.030 {467}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000531 Re-Slope: 1.000000
 A1 (Gain): 0.480238 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.000335
 Predicted MQL: 0.001117

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.01000	.01039	.000	3.89	.00552	.000	1
S2	1.2500	1.2589	.009	.714	.60511	.001	1
S3	2.5000	2.5298	.030	1.19	1.2154	.004	1
S4	5.0000	4.9716	-.028	-.568	2.3881	.005	1
S5	10.000	9.9893	-.011	-.107	4.7978	.007	1

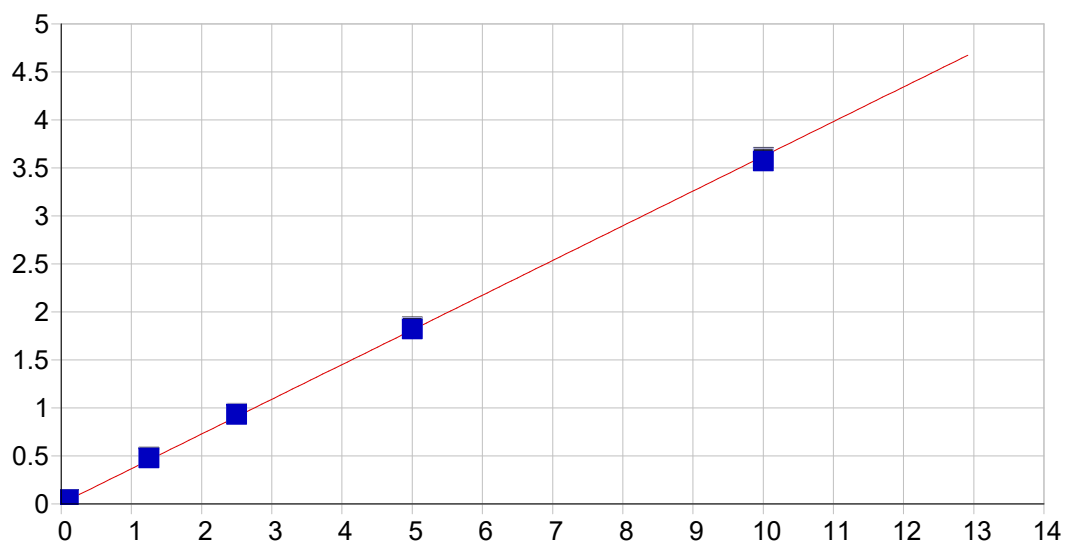


S 182.034 {485}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000065 Re-Slope: 1.000000
 A1 (Gain): 0.018594 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999019 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.004997
 Predicted MQL: 0.016658

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00006	.000	1
S1	.10000	.09682	-.003	-3.18	.00186	.000	1
S2	1.2500	1.1709	-.079	-6.33	.02189	.000	1
S3	2.5000	2.3603	-.140	-5.59	.04405	.000	1
S4	5.0000	4.8095	-.190	-3.81	.08969	.000	1
S5	10.000	10.413	.413	4.13	.19407	.001	1

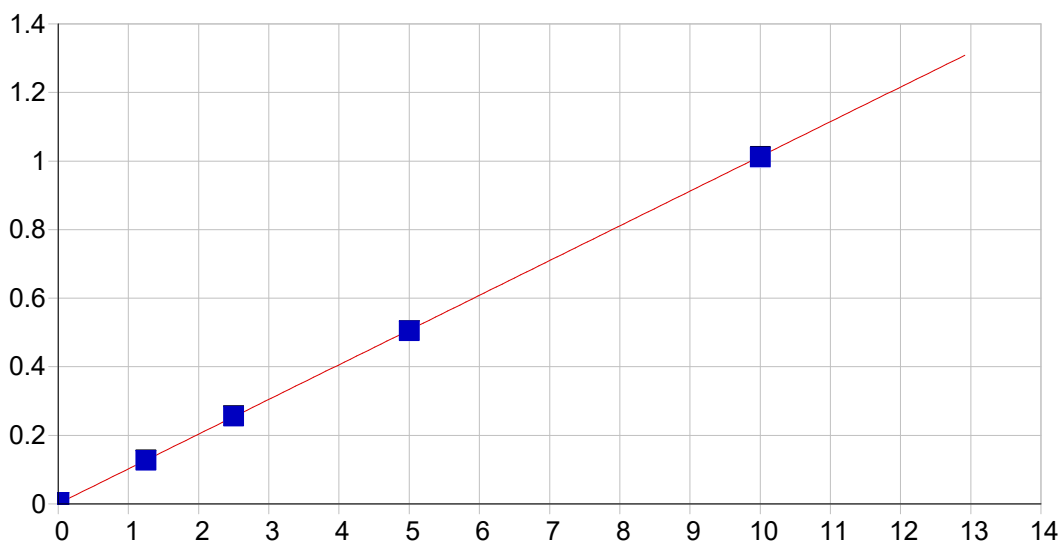


Si 251.611 {134}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004695 Re-Slope: 1.000000
 A1 (Gain): 0.361565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000337
 Predicted MDL: 0.001069
 Predicted MQL: 0.003564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00469	.000	1
S1	.10000	.10413	.004	4.13	.04248	.000	1
S2	1.2500	1.3008	.051	4.07	.47903	.007	1
S3	2.5000	2.5614	.061	2.46	.93880	.004	1
S4	5.0000	5.0234	.023	.467	1.8370	.008	1
S5	10.000	9.8603	-.140	-1.40	3.6018	.010	1

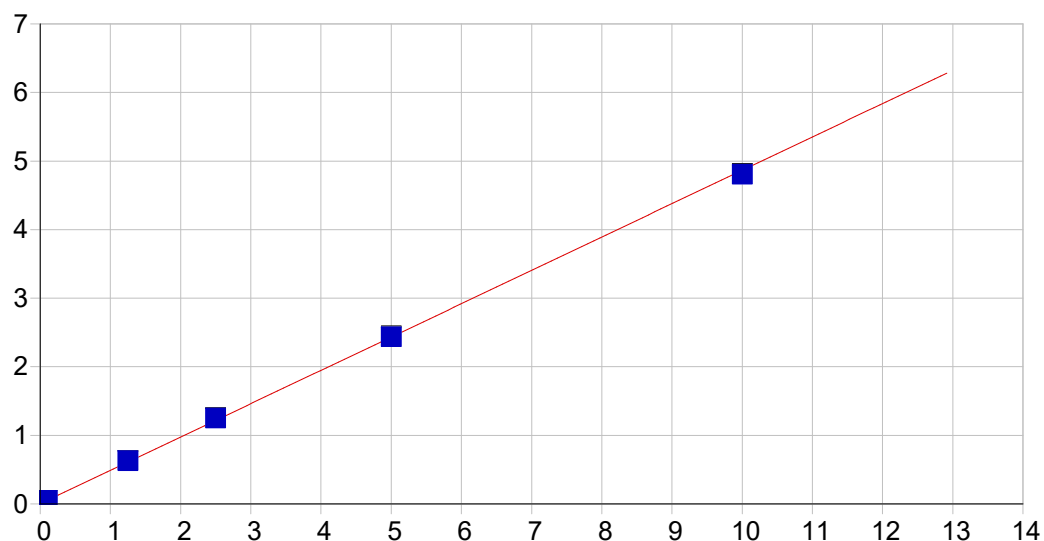


Sn 189.989 {478}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000876 Re-Slope: 1.000000
 A1 (Gain): 0.101256 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997693 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.001024
 Predicted MQL: 0.003414

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00087	.000	1
S1	.00700	.03155	.025	351.	.00405	.000	1
S2	1.2500	1.2470	-.003	-.242	.12688	.001	1
S3	2.5000	2.5191	.019	.763	.25543	.001	1
S4	5.0000	4.9793	-.021	-.414	.50401	.001	1
S5	10.000	9.9808	-.019	-.192	1.0094	.002	1

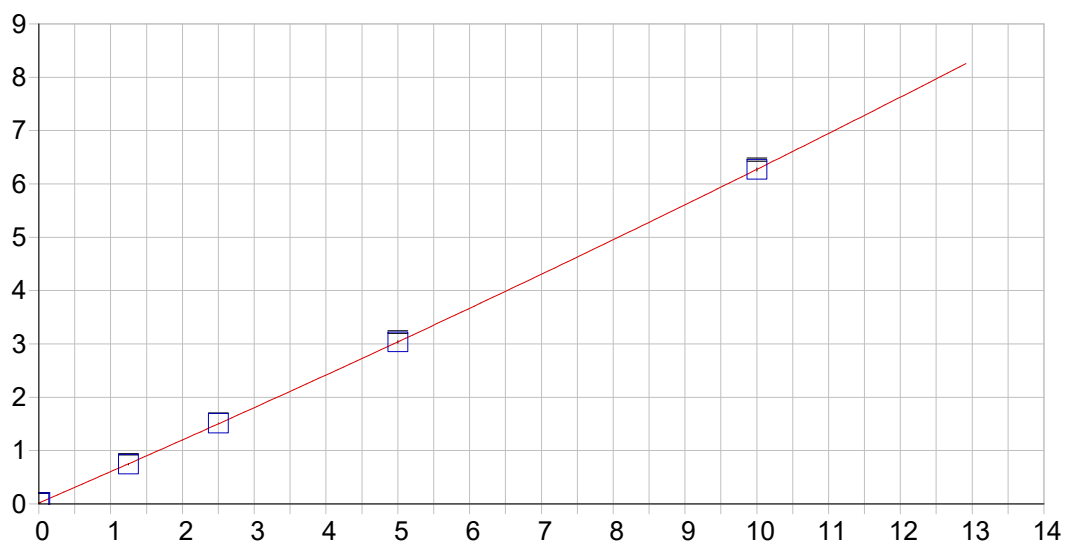


Ti 336.121 {100}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002042	Re-Slope:	1.000000
A1 (Gain):	0.486264	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999880	Status:	OK.
Std Error of Est:	0.000400		
Predicted MDL:	0.001065		
Predicted MQL:	0.003550		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00204	.001	1
S1	.10000	.10283	.003	2.83	.05203	.000	1
S2	1.2500	1.2867	.037	2.94	.62753	.003	1
S3	2.5000	2.5699	.070	2.80	1.2513	.002	1
S4	5.0000	5.0084	.008	.168	2.4366	.011	1
S5	10.000	9.8821	-.118	-1.18	4.8057	.010	1



Li 670.784 { 50}

Date of Fit: 04/12/2019 12:06:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.016948
 A1 (Gain): 0.582929
 A2 (Curvature): 0.004267
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000117
 Predicted MDL: 0.002250
 Predicted MQL: 0.007500

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	.00000	.000	.000	.01695	.000	1
S5	10.000	9.9983	-.002	-.017	6.2718	.030	1
S4	5.0000	4.9966	-.003	-.068	3.0361	.024	1
S3	2.5000	2.5201	.020	.804	1.5131	.003	1
S2	1.2500	1.2390	-.011	-.880	.74575	.012	1
S1	.01500	.01100	-.004	-26.7	.02336	.001	1







Y 371.030 { 91}*

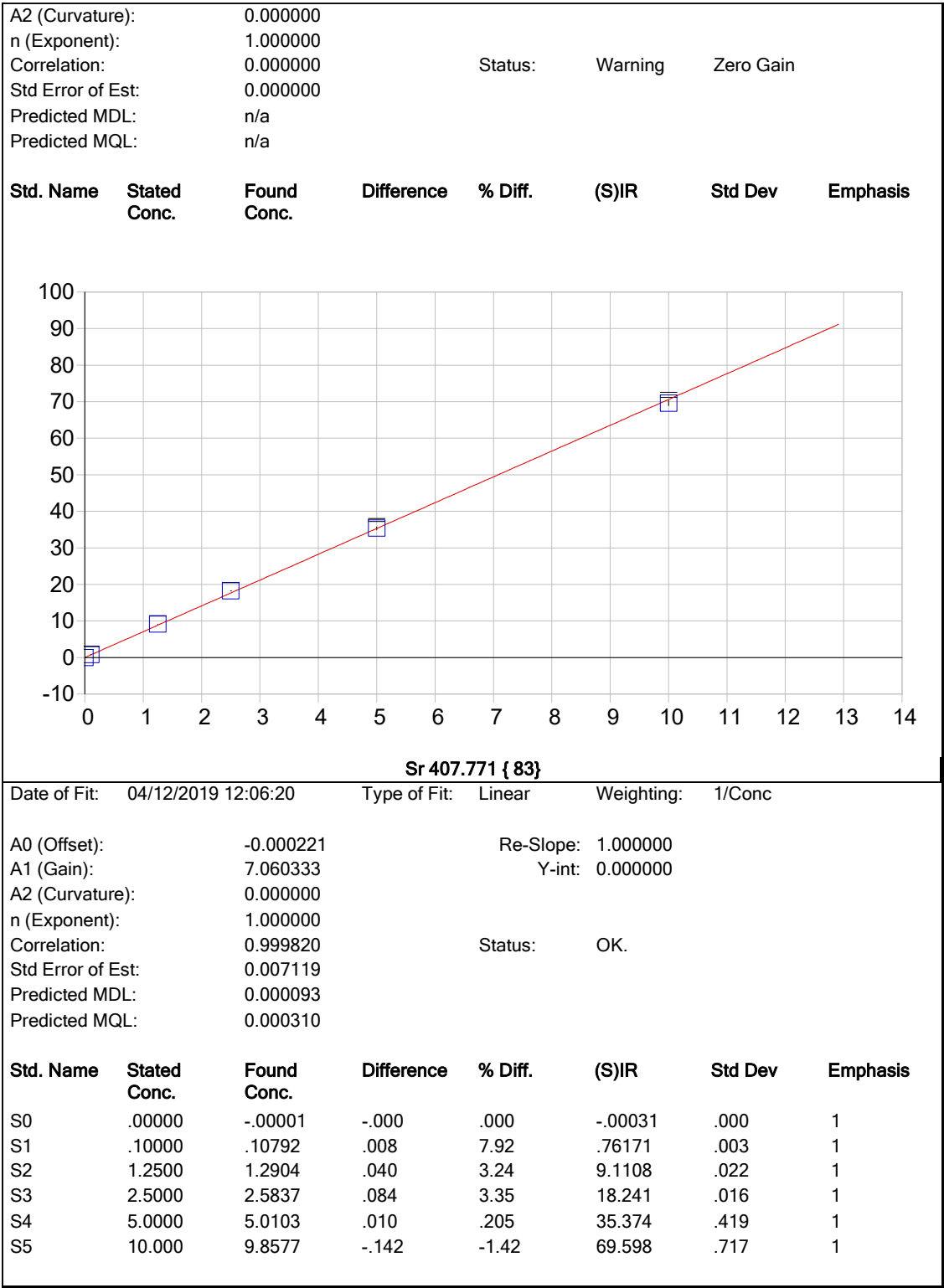
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	



Sample Name: S0 Acquired: 04/12/2019 11:25:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00054	-.00111	.00036	.00077	.00093	.00351	.00376	-.00328
Stddev	.00003	.00013	.00016	.00019	.00007	.00053	.00066	.00014
%RSD	5.5632	11.711	43.358	24.384	7.3797	15.170	17.411	4.3396

#1	-.00058	-.00099	.00041	.00099	.00091	.00292	.00394	-.00315
#2	-.00052	-.00111	.00019	.00065	.00101	.00363	.00431	-.00343
#3	-.00053	-.00125	.00049	.00068	.00088	.00397	.00304	-.00324

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	.00003	.00105	-.00006	-.00040	.00349	.00080	.00049	-.00022
Stddev	.00006	.00030	.00002	.00011	.00032	.00006	.00003	.00025
%RSD	222.18	28.764	39.779	27.332	9.2239	7.4021	5.5873	112.78

#1	-.00001	.00140	-.00003	-.00029	.00342	.00082	.00049	.00007
#2	.00010	.00088	-.00008	-.00041	.00322	.00073	.00047	-.00035
#3	-.00001	.00087	-.00007	-.00050	.00385	.00084	.00052	-.00038

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00149	-.00069	-.00259	.00036	.00314	.01943	-.00141	.03908
Stddev	.00005	.00016	.00090	.00016	.00030	.00045	.00009	.00104
%RSD	3.4284	22.445	34.826	44.968	9.4756	2.3284	6.1328	2.6540

#1	-.00149	-.00055	-.00357	.00054	.00345	.01894	-.00151	.03824
#2	-.00144	-.00067	-.00181	.00022	.00312	.01984	-.00134	.04024
#3	-.00154	-.00086	-.00237	.00032	.00286	.01951	-.00138	.03875

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	.00053	.00006	.00469	.00087	.00204	.01695	-.00031	
Stddev	.00005	.00009	.00010	.00008	.00058	.00018	.00030	
%RSD	9.6602	139.98	2.1850	9.6101	28.566	1.0762	95.858	

#1	.00050	-.00003	.00476	.00079	.00193	.01715	-.00007	
#2	.00059	.00007	.00474	.00096	.00152	.01680	-.00022	
#3	.00050	.00016	.00457	.00087	.00267	.01690	-.00065	

Sample Name: S0 Acquired: 04/12/2019 11:25:49 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2189.6	3970.7	56226.	9371.6	4693.2
Stddev	10.3	11.3	233.	37.6	11.4
%RSD	.47187	.28576	.41385	.40083	.24318
#1	2191.0	3972.2	56158.	9391.8	4696.7
#2	2199.1	3981.3	56034.	9328.2	4702.4
#3	2178.6	3958.8	56485.	9394.7	4680.4

Sample Name: S2 Acquired: 04/12/2019 11:34:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.04857	.08576	1.2261	.05463	.15601	3.2134	7.3388	.52550
Stddev	.00019	.00031	.0055	.00019	.00019	.0149	.0864	.00821
%RSD	.39387	.36622	.44872	.34118	.12406	.46479	1.1772	1.5630

#1	.04874	.08544	1.2203	.05449	.15623	3.2099	7.3463	.52818
#2	.04836	.08578	1.2269	.05484	.15588	3.2005	7.2489	.51628
#3	.04860	.08607	1.2312	.05457	.15591	3.2297	7.4212	.53204

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	1.3924	3.5384	.59634	.47157	.73201	1.0904	2.5085	.60878
Stddev	.0069	.0500	.00053	.00144	.00222	.0108	.0343	.00878
%RSD	.49365	1.4116	.08964	.30482	.30389	.99168	1.3688	1.4426

#1	1.3846	3.5353	.59611	.47023	.73368	1.0890	2.5048	.60858
#2	1.3948	3.4901	.59596	.47140	.72949	1.0804	2.4761	.60010
#3	1.3977	3.5898	.59695	.47308	.73287	1.1018	2.5445	.61766

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	.34765	.07479	.15280	.07813	1.4600	.71805	.04171	.47240
Stddev	.00063	.00003	.00169	.00067	.0131	.00271	.00006	.00829
%RSD	.18148	.03679	1.1090	.85981	.89894	.37779	.15441	1.7552

#1	.34737	.07476	.15316	.07773	1.4538	.71839	.04178	.47455
#2	.34721	.07481	.15095	.07775	1.4751	.71519	.04170	.46325
#3	.34837	.07479	.15428	.07891	1.4511	.72058	.04165	.47941

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	.60511	.02189	.47903	.12688	.62753	.74575	9.1108
Stddev	.00062	.00012	.00712	.00068	.00320	.01196	.0218
%RSD	.10309	.56868	1.4858	.53936	.51054	1.6044	.23914

#1	.60440	.02183	.48096	.12622	.62799	.74452	9.1326
#2	.60536	.02203	.47114	.12684	.62412	.73444	9.0890
#3	.60558	.02180	.48497	.12758	.63048	.75828	9.1107

Sample Name: S2 Acquired: 04/12/2019 11:34:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2054.6	3715.6	54120.	9167.7	4340.8
Stddev	9.0	20.7	304.	126.7	23.1
%RSD	.43931	.55693	.56202	1.3821	.53281
#1	2063.4	3692.8	54429.	9179.7	4314.3
#2	2045.4	3720.9	53821.	9287.9	4351.3
#3	2055.1	3733.1	54110.	9035.3	4356.9

Sample Name: S3 Acquired: 04/12/2019 11:37:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.09790	.17183	2.4585	.10549	.30816	6.4449	14.787	1.0536
Stddev	.00016	.00041	.0008	.00043	.00060	.0072	.015	.0019
%RSD	.16222	.23840	.03378	.40952	.19393	.11127	.10463	.17792

#1	.09788	.17160	2.4577	.10564	.30747	6.4451	14.803	1.0516
#2	.09775	.17159	2.4587	.10501	.30847	6.4377	14.772	1.0553
#3	.09807	.17231	2.4593	.10583	.30854	6.4520	14.785	1.0539

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	2.7805	7.1690	1.1716	.95320	1.4424	2.1648	5.0135	1.2274
Stddev	.0022	.0143	.0036	.00120	.0012	.0030	.0054	.0032
%RSD	.07990	.19997	.30607	.12549	.08044	.13664	.10715	.26213

#1	2.7804	7.1786	1.1725	.95314	1.4432	2.1663	5.0182	1.2263
#2	2.7783	7.1525	1.1747	.95203	1.4411	2.1614	5.0076	1.2250
#3	2.7827	7.1759	1.1676	.95442	1.4430	2.1668	5.0146	1.2311

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	.69720	.15332	.30853	.15498	2.9251	1.4366	.08590	.92002
Stddev	.00057	.00068	.00088	.00026	.0124	.0014	.00023	.00365
%RSD	.08227	.44479	.28452	.16609	.42228	.09954	.27209	.39687

#1	.69781	.15270	.30923	.15469	2.9383	1.4380	.08601	.91580
#2	.69667	.15405	.30755	.15503	2.9138	1.4351	.08564	.92208
#3	.69713	.15323	.30883	.15520	2.9231	1.4367	.08606	.92217

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	1.2154	.04405	.93880	.25543	1.2513	1.5131	18.241
Stddev	.0041	.00023	.00432	.00123	.0024	.0032	.016
%RSD	.33400	.52957	.46009	.48350	.18980	.20858	.08604

#1	1.2108	.04432	.93387	.25636	1.2540	1.5138	18.259
#2	1.2172	.04392	.94063	.25403	1.2494	1.5096	18.235
#3	1.2183	.04391	.94190	.25589	1.2505	1.5158	18.230

Sample Name: S3 Acquired: 04/12/2019 11:37:51 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	1994.7	3588.1	53223.	8978.0	4138.2
Stddev	9.2	7.2	353.	24.7	4.8
%RSD	.46189	.19949	.66290	.27552	.11613
#1	1984.2	3596.3	52907.	8949.5	4134.1
#2	1998.5	3584.7	53158.	8993.9	4143.5
#3	2001.4	3583.3	53604.	8990.5	4137.0

Sample Name: S4 Acquired: 04/12/2019 11:41:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.19607	.33363	4.8769	.20889	.61108	12.768	29.047	2.0527
Stddev	.00047	.00012	.0106	.00015	.00169	.026	.182	.0098
%RSD	.23827	.03740	.21752	.07094	.27699	.20595	.62738	.47920

#1	.19574	.33366	4.8701	.20873	.61031	12.745	28.973	2.0625
#2	.19588	.33350	4.8714	.20891	.60991	12.797	29.255	2.0527
#3	.19661	.33375	4.8891	.20903	.61302	12.762	28.914	2.0428

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	5.4428	14.060	2.2474	1.8796	2.7965	4.1918	9.7956	2.4220
Stddev	.0089	.096	.0014	.0055	.0009	.0231	.0672	.0154
%RSD	.16280	.68001	.06134	.29081	.03330	.55150	.68633	.63746

#1	5.4414	14.010	2.2472	1.8775	2.7966	4.1825	9.7629	2.4130
#2	5.4347	14.170	2.2461	1.8754	2.7956	4.2181	9.8729	2.4398
#3	5.4522	13.999	2.2488	1.8857	2.7974	4.1748	9.7509	2.4132

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	1.3666	.30741	.60808	.30035	5.8565	2.8471	.17482	1.7914
Stddev	.0028	.00211	.00234	.00037	.0410	.0021	.00035	.0039
%RSD	.20687	.68498	.38480	.12268	.69936	.07195	.19824	.21888

#1	1.3659	.30626	.60754	.30015	5.8103	2.8476	.17468	1.7959
#2	1.3642	.30612	.61065	.30012	5.8883	2.8488	.17456	1.7892
#3	1.3697	.30984	.60607	.30077	5.8710	2.8448	.17521	1.7889

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3881	.08969	1.8370	.50401	2.4366	3.0361	35.374
Stddev	.0047	.00022	.0078	.00070	.0107	.0244	.419
%RSD	.19791	.24887	.42307	.13864	.43771	.80233	1.1852

#1	2.3892	.08978	1.8452	.50387	2.4244	3.0291	35.209
#2	2.3829	.08986	1.8359	.50339	2.4439	3.0632	35.851
#3	2.3921	.08944	1.8298	.50477	2.4415	3.0161	35.062

Sample Name: S4 Acquired: 04/12/2019 11:41:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1898.8	3422.0	52078.	8811.6	3906.3
Stddev	9.5	9.6	160.	46.3	10.0
%RSD	.50034	.28067	.30701	.52581	.25477
#1	1906.4	3416.7	52257.	8792.1	3901.1
#2	1888.1	3433.1	52026.	8778.3	3917.8
#3	1901.9	3416.1	51950.	8864.5	3900.0

Sample Name: S5 Acquired: 04/12/2019 11:45:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.40855	.66423	9.9447	.44174	1.2585	25.755	56.633	4.0639
Stddev	.00018	.00186	.0072	.00051	.0012	.042	.585	.0137
%RSD	.04322	.27943	.07223	.11537	.09816	.16280	1.0326	.33609

#1	.40836	.66294	9.9409	.44121	1.2599	25.708	56.788	4.0704
#2	.40871	.66339	9.9403	.44176	1.2576	25.772	57.125	4.0482
#3	.40859	.66636	9.9530	.44223	1.2581	25.787	55.986	4.0732

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	10.918	27.675	4.3516	3.7936	5.5545	8.1489	19.072	4.8544
Stddev	.007	.102	.0037	.0024	.0049	.0258	.076	.0183
%RSD	.06215	.36704	.08506	.06439	.08784	.31648	.39850	.37724

#1	10.913	27.581	4.3473	3.7916	5.5524	8.1217	18.998	4.8336
#2	10.915	27.783	4.3538	3.7929	5.5511	8.1730	19.150	4.8680
#3	10.926	27.661	4.3537	3.7963	5.5601	8.1520	19.068	4.8616

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	2.7260	.63606	1.2235	.58721	12.315	5.7791	.37122	3.6129
Stddev	.0030	.00115	.0022	.00232	.049	.0045	.00103	.0124
%RSD	.11060	.18103	.18196	.39452	.39728	.07832	.27791	.34257

#1	2.7254	.63684	1.2215	.58531	12.305	5.7742	.37008	3.6199
#2	2.7232	.63661	1.2259	.58653	12.368	5.7800	.37151	3.5987
#3	2.7292	.63474	1.2230	.58979	12.271	5.7832	.37208	3.6202

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7978	.19407	3.6018	1.0094	4.8057	6.2718	69.598
Stddev	.0067	.00088	.0098	.0017	.0096	.0298	.717
%RSD	.13995	.45339	.27284	.17159	.20017	.47584	1.0306

#1	4.7993	.19307	3.6068	1.0085	4.7980	6.2374	68.771
#2	4.7904	.19443	3.5905	1.0083	4.8165	6.2917	69.972
#3	4.8036	.19471	3.6082	1.0114	4.8026	6.2861	70.052

Sample Name: S5 Acquired: 04/12/2019 11:45:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1750.8	3199.2	50612.	8751.5	3603.0
Stddev	6.3	3.9	261.	23.3	.7
%RSD	.35927	.12346	.51661	.26643	.02026
#1	1752.6	3196.3	50717.	8765.9	3602.2
#2	1743.8	3203.7	50315.	8724.6	3603.6
#3	1755.9	3197.7	50805.	8764.0	3603.1

Sample Name: ICV Acquired: 04/12/2019 11:54:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9375716	1.044723	.9746700	1.017746	.9894406	2.323092
Stddev	.0030931	.005193	.0004880	.002839	.0022166	.008447
%RSD	.3299059	.4970831	.0500726	.2789098	.2240232	.3635981

#1	.9340193	1.045030	.9742805	1.018066	.9873177	2.313381
#2	.9390266	1.049756	.9745120	1.014761	.9917403	2.327161
#3	.9396690	1.039383	.9752175	1.020411	.9892638	2.328734

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5225482	.5053268	.4847198	10.36715	.5115971	.5130404
Stddev	.0014004	.0005317	.0006979	.01750	.0034101	.0000853
%RSD	.2679853	.1052202	.1439722	.1687969	.6665510	.0166232

#1	.5239506	.5059070	.4850603	10.37106	.5152305	.5129486
#2	.5225441	.5052104	.4839170	10.38236	.5110949	.5130555
#3	.5211499	.5048629	.4851820	10.34803	.5084660	.5131172

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5301929	5.413667	.5206208	5.957300	.5233553	.5030353
Stddev	.0038330	.023386	.0034182	.023975	.0002685	.0013455
%RSD	.7229477	.4319730	.6565592	.4024443	.0513061	.2674851

#1	.5318836	5.440670	.5236183	5.978232	.5235091	.5038827
#2	.5328899	5.400059	.5213459	5.962524	.5235116	.5014838
#3	.5258052	5.400271	.5168983	5.931144	.5230453	.5037395

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34384	.5361603	1.000330	9.891412	F -.003437	5.117221
Stddev	.12085	.0005851	.005567	.039949	.001357	.012295
%RSD	1.168333	.1091265	.5565555	.4038777	39.46812	.2402655

#1	10.22986	.5363709	.994142	9.846344	-.001932	5.131380
#2	10.33111	.5366108	1.004933	9.922466	-.004566	5.111041
#3	10.47056	.5354990	1.001916	9.905426	-.003814	5.109243

Sample Name: ICV Acquired: 04/12/2019 11:54:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.851841	F -.005343	4.978636	4.771611	5.137925	4.674864
Stddev	.009581	.002526	.004348	.002431	.014425	.016813
%RSD	.1974720	47.28173	.0873381	.0509449	.2807555	.3596556
#1	4.841093	-.004915	4.973742	4.774219	5.143463	4.691986
#2	4.854948	-.003058	4.980115	4.769408	5.148760	4.674230
#3	4.859484	-.008055	4.982052	4.771205	5.121551	4.658377

Elem	Sr4077
Units	ppm
Avg	F .0120944
Stddev	.0000799
%RSD	.6609226
#1	.0121761
#2	.0120907
#3	.0120163

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.269	3918.892	55102.32	9363.413	4647.105
Stddev	3.686	8.199	280.19	36.480	10.604
%RSD	.1701663	.2092281	.5084838	.3895997	.2281790
#1	2162.583	3923.407	54780.11	9321.313	4642.443
#2	2169.955	3923.841	55238.10	9385.683	4659.240
#3	2166.271	3909.427	55288.75	9383.242	4639.630

Sample Name: S6 Acquired: 04/12/2019 11:49:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	69.809	46.924	22.327	8.4204	3.5217
Stddev	.488	.375	.023	.0086	.0019
%RSD	.69895	.79899	.10462	.10198	.05547

#1	70.084	47.327	22.315	8.4158	3.5237
#2	70.098	46.858	22.354	8.4303	3.5218
#3	69.246	46.586	22.312	8.4152	3.5198

Int. Std.	Y_3710
Units	Cts/S
Avg	8528.9
Stddev	39.2
%RSD	.45968

#1	8489.6
#2	8529.0
#3	8568.1

Sample Name: ICB Acquired: 04/12/2019 11:57:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	.0015028	.0000215	-.000613	-.000251	-.000642	.0059035	-.000167
Stddev	.0015889	.0003249	.001174	.001620	.001433	.0062345	.000178
%RSD	105.7299	1511.652	191.4532	643.9456	223.2862	105.6084	106.6613

#1	.0026513	-.000342	.000665	.001349	.000989	.0059125	-.000372
#2	.0021676	.000124	-.001643	-.000214	-.001698	.0121334	-.000047
#3	-.000311	.000283	-.000862	-.001890	-.001217	-.000336	-.000082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	-.000004	.0068114	.0002092	.0001379	.0034115	-.002867
Stddev	.000087	.000078	.0093025	.0004793	.0001150	.0028624	.007750
%RSD	142.1895	2144.285	136.5724	229.0965	83.41844	83.90351	270.3366

#1	-.000091	-.000075	-.002641	.0003894	.0000908	.0044005	.005522
#2	.000037	.000079	.007119	-.000334	.0002690	.0056483	-.009762
#3	-.000131	-.000015	.015956	.000572	.0000539	.0001858	-.004360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003132	.0243137	-.000430	.0002127	.0661431	.0011937	-.004130
Stddev	.0001342	.0206425	.000178	.0000774	.1643252	.0017718	.000596
%RSD	42.82782	84.90054	41.35593	36.39462	248.4387	148.4291	14.42117

#1	.0001815	.0415500	-.000348	.0001233	.0640833	-.000844	-.003469
#2	.0003084	.0299538	-.000308	.0002554	-.097142	.002370	-.004625
#3	.0004497	.0014374	-.000635	.0002592	.231489	.002055	-.004297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721107	.0013790	-.027252	.0004397	.0025038	.0006626	.0046559
Stddev	.0408271	.0009071	.000974	.0002419	.0027857	.0015989	.0012493
%RSD	56.61724	65.78280	3.575895	55.01755	111.2584	241.3185	26.83216

#1	.0451886	.0012572	-.027542	.0006604	.0007984	.0003880	.0059424
#2	.0520569	.0005389	-.026165	.0001810	.0057184	.0023810	.0045776
#3	.1190867	.0023408	-.028048	.0004778	.0009945	-.000781	.0034476

Sample Name: ICB Acquired: 04/12/2019 11:57:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v845) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000601	.0043826	-.000117
Stddev	.001069	.0021480	.000037
%RSD	177.7200	49.01314	31.18363

#1	.000255	.0023443	-.000128
#2	-.000260	.0066257	-.000147
#3	-.001799	.0041777	-.000076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.157	3922.640	54903.61	9317.336	4644.784
Stddev	8.599	6.890	393.79	46.730	11.783
%RSD	.3955146	.1756432	.7172478	.5015359	.2536923

#1	2179.065	3930.131	55336.77	9362.795	4658.382
#2	2164.228	3921.216	54567.21	9319.781	4638.400
#3	2179.178	3916.573	54806.87	9269.431	4637.569

Sample Name: ICSA Acquired: 04/12/2019 12:07:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001968	.0027951	.0037528	-.009577	-.000327	234.4739
Stddev	.001101	.0033809	.0028784	.003879	.001104	.8829
%RSD	55.96789	120.9581	76.70087	40.49897	337.5671	.3765487

#1	-.003064	.0059879	.0069658	-.013905	-.001188	234.4399
#2	-.001978	-.000747	.0028829	-.008414	.000918	235.3733
#3	-.000861	.003144	.0014097	-.006414	-.000711	233.6085

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057356	.0012208	.0009450	250.1965	.0478450	.0015289
Stddev	.0002127	.0001564	.0000454	1.4056	.0001328	.0002858
%RSD	3.708943	12.80908	4.804901	.5617803	.2774550	18.69473

#1	.0059805	.0010956	.0009221	249.8451	.0479613	.0012186
#2	.0056292	.0013961	.0009973	251.7444	.0477004	.0017815
#3	.0055970	.0011706	.0009156	249.0000	.0478733	.0015866

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002792	102.3975	.0147011	252.8124	-.001378	-.003234
Stddev	.000106	.5165	.0001676	1.1866	.001203	.000607
%RSD	3.800587	.5043931	1.139728	.4693476	87.33591	18.77983

#1	-.002697	102.3476	.0148944	252.3859	-.001435	-.003728
#2	-.002907	102.9370	.0145975	254.1533	-.002551	-.002556
#3	-.002772	101.9077	.0146114	251.8981	-.000147	-.003417

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.318058	.0027027	-.005808	-.277336	F .0088222	-.043995
Stddev	.176940	.0026050	.001100	.025607	.0045046	.002036
%RSD	55.63123	96.38163	18.93471	9.233065	51.06050	4.627468

#1	-.165272	.0039074	-.005216	-.252227	.0139163	-.041764
#2	-.511925	-.000287	-.005131	-.276368	.0053647	-.044468
#3	-.276978	.004487	-.007077	-.303413	.0071855	-.045752

Sample Name: ICSA Acquired: 04/12/2019 12:07:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003058	F .0017733	F -.001841	-.002513	F -.002518	.0023386
Stddev	.0007135	.0031556	.001017	.001438	.000195	.0010424
%RSD	233.3152	177.9443	55.23546	57.20325	7.740006	44.57461

#1	-.000365	.0054090	-.002527	-.000942	-.002361	.0033609
#2	.000226	-.000254	-.002324	-.002834	-.002736	.0023778
#3	.001056	.000165	-.000673	-.003764	-.002455	.0012772

Elem	Sr4077
Units	ppm
Avg	F .1024451
Stddev	.0002429
%RSD	.2371317

#1	.1023828
#2	.1027131
#3	.1022394

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.277	3572.810	51513.22	8967.963	4025.264
Stddev	14.714	4.729	315.73	75.698	3.317
%RSD	.7407928	.1323602	.6129136	.8440894	.0824102

#1	1969.388	3569.354	51174.36	8947.247	4024.373
#2	1996.327	3578.200	51799.13	8904.780	4028.936
#3	1993.116	3570.877	51566.16	9051.862	4022.484

Sample Name: ICSAB Acquired: 04/12/2019 12:11:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910457	.1129094	.0536919	.0397938	.6414425	223.7668
Stddev	.0047672	.0022934	.0009902	.0049651	.0041956	.0544
%RSD	5.236081	2.031153	1.844239	12.47699	.6540816	.0243021

#1	.0963475	.1111622	.0548159	.0380035	.6366533	223.7049
#2	.0871123	.1120596	.0529485	.0454058	.6432043	223.7888
#3	.0896773	.1155063	.0533111	.0359722	.6444699	223.8067

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5553165	.5328140	.9958261	239.4379	.5717457	.5330870
Stddev	.0021358	.0047904	.0014215	.9742	.0006769	.0013170
%RSD	.3846015	.8990825	.1427470	.4068737	.1183964	.2470566

#1	.5550638	.5372006	.9941850	239.5652	.5723066	.5323899
#2	.5575674	.5335391	.9966731	240.3423	.5719368	.5322651
#3	.5533183	.5277024	.9966202	238.4064	.5709938	.5346061

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5283754	98.10062	.5475838	242.8199	1.057737	.2156405
Stddev	.0049509	.41836	.0023169	.8789	.001650	.0014194
%RSD	.9370088	.4264609	.4231208	.3619526	.1560070	.6582240

#1	.5234558	98.29231	.5486930	243.3860	1.056385	.2140558
#2	.5333571	98.38879	.5491375	243.2662	1.059576	.2167952
#3	.5283134	97.62076	.5449207	241.8074	1.057250	.2160703

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220959	.5391200	1.033253	-.383265	F .0064577	-.045983
Stddev	.1201576	.0016475	.008997	.044485	.0005055	.002258
%RSD	543.7994	.3055942	.8706983	11.60698	7.828054	4.911322

#1	.1012530	.5372478	1.025334	-.424451	.0058837	-.048007
#2	.0812011	.5403485	1.031390	-.336087	.0066530	-.046395
#3	-.116166	.5397639	1.043035	-.389256	.0068365	-.043547

Sample Name: ICSAB Acquired: 04/12/2019 12:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	F .0063873	F -.003259	-.003667	F -.003467	-.000768
Stddev	.000057	.0062860	.001036	.001007	.000565	.002112
%RSD	50.62442	98.41463	31.79112	27.46353	16.30244	274.8279
#1	-.000078	.0026383	-.002199	-.002673	-.004100	.001006
#2	-.000177	.0028791	-.004270	-.003641	-.003286	-.003104
#3	-.000080	.0136444	-.003309	-.004687	-.003014	-.000207

Elem	Sr4077
Units	ppm
Avg	F .0978674
Stddev	.0001122
%RSD	.1146376
#1	.0979558
#2	.0979053
#3	.0977412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.011	3605.433	52019.50	8979.212	4081.629
Stddev	4.684	7.428	281.41	80.554	11.241
%RSD	.2316723	.2060283	.5409794	.8971221	.2753936
#1	2027.300	3604.798	52250.76	8910.599	4081.927
#2	2018.383	3598.342	51706.17	8959.128	4070.243
#3	2020.350	3613.158	52101.56	9067.908	4092.718

Sample Name: CCV075 Acquired: 04/12/2019 12:15:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.922557	4.952436	24.84275	4.766495	4.964325	414.6307	10.36894
Stddev	.005961	.003483	.03061	.022487	.011893	1.9261	.01987
%RSD	.1211007	.0703242	.1232225	.4717748	.2395685	.4645338	.1916472

#1	4.929302	4.950591	24.81913	4.781796	4.976190	412.6442	10.35296
#2	4.917996	4.950263	24.83178	4.777013	4.964381	414.7577	10.39119
#3	4.920373	4.956453	24.87733	4.740677	4.952405	416.4901	10.36267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5086763	2.496005	421.3790	15.13641	2.565144	15.08693	425.5400
Stddev	.0045850	.002752	1.3339	.03195	.003058	.05017	1.3156
%RSD	.9013579	.1102729	.3165492	.2110486	.1191948	.3325409	.3091600

#1	.5094224	2.494766	420.1305	15.10082	2.563410	15.03000	424.0553
#2	.5128425	2.494090	422.7843	15.14577	2.563348	15.12467	426.5607
#3	.5037641	2.499159	421.2221	15.16262	2.568675	15.10612	426.0042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31425	415.0284	2.504057	1.302009	413.1067	2.515110	15.22282
Stddev	.05503	1.7256	.000950	.002634	1.9208	.016476	.14576
%RSD	.3593193	.4157699	.0379468	.2022671	.4649667	.6550670	.9574782

#1	15.25777	413.1436	2.503364	1.304866	410.9225	2.497056	15.15702
#2	15.36770	416.5305	2.505140	1.301481	414.5328	2.518943	15.12156
#3	15.31730	415.4111	2.503667	1.299679	413.8647	2.529331	15.38987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.4920	5.021934	5.009498	4.986024	5.008051	5.080191	5.032275
Stddev	.7458	.005806	.041833	.005093	.012914	.045030	.008097
%RSD	.4827489	.1156049	.8350782	.1021533	.2578649	.8863895	.1609031

#1	153.6313	5.024504	5.013976	4.989329	5.022694	5.085200	5.028393
#2	154.8975	5.026011	5.048912	4.988583	4.998287	5.122508	5.026849
#3	154.9473	5.015287	4.965606	4.980158	5.003173	5.032866	5.041582

Sample Name: CCV075 Acquired: 04/12/2019 12:15:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV075 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.072717	5.306050	5.076425
Stddev	.016168	.008343	.024189
%RSD	.3187176	.1572433	.4765042

#1	5.054049	5.297743	5.068651
#2	5.082189	5.314429	5.103546
#3	5.081913	5.305977	5.057079

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.489	3244.728	49723.77	8581.413	3613.257
Stddev	12.415	7.845	354.29	38.199	4.844
%RSD	.6880255	.2417885	.7125108	.4451379	.1340499

#1	1813.532	3238.343	49953.68	8608.198	3608.276
#2	1809.602	3242.356	49901.87	8537.671	3613.547
#3	1790.334	3253.486	49315.77	8598.370	3617.950

Sample Name: CCB075 Acquired: 04/12/2019 12:19:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.000265	.0005521	.0029409	-.002306	.0076095	.0000368
Stddev	.001352	.001540	.0002314	.0013499	.000882	.0019467	.0001343
%RSD	5484.585	581.6329	41.91152	45.90212	38.25424	25.58179	364.9520

#1	-.001586	-.001990	.0004511	.0044691	-.001399	.0098368	.0001846
#2	.000756	.000224	.0008168	.0024431	-.002358	.0062335	-.000078
#3	.000756	.000971	.0003884	.0019106	-.003161	.0067583	.000003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	.0000236	.0046710	.0006797	.0000515	.0047984	.0022484
Stddev	.000066	.0000743	.0114515	.0001076	.0001422	.0002605	.0012262
%RSD	141.8760	315.0080	245.1646	15.82743	275.9779	5.429375	54.53587

#1	-.000120	.0000330	.0161576	.0007066	.0000289	.0050380	.0033098
#2	-.000029	.0000927	.0046005	.0007713	-.000078	.0045210	.0009062
#3	.000009	-.000055	-.006745	.0005612	.000204	.0048361	.0025293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001637	.0151111	-.000207	.0000655	.0455822	-.000641	-.002351
Stddev	.0003116	.0335729	.000144	.0004064	.2156622	.001642	.001275
%RSD	190.3577	222.1743	69.64279	620.6628	473.1285	256.1935	54.21468

#1	.0003703	.0536898	-.000051	.0003309	.0281153	-.001888	-.001288
#2	-.000195	-.007480	-.000234	.0002678	.2694466	.001219	-.002002
#3	.000315	-.000876	-.000336	-.000402	-.160815	-.001253	-.003764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464844	.0008986	-.040275	.0002648	.0011577	-.001995	.0001057
Stddev	.0436471	.0005843	.000800	.0003410	.0022976	.000414	.0010692
%RSD	93.89624	65.02006	1.985672	128.7664	198.4534	20.77675	1011.468

#1	.0734350	.0004472	-.039949	.0005566	.0005410	-.002456	.0011342
#2	.0698915	.0015585	-.039690	-.000110	.0037007	-.001877	-.001000
#3	-.003873	.0006901	-.041186	.000348	-.000769	-.001652	.000183

Sample Name: CCB075 Acquired: 04/12/2019 12:19:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB075 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000013	.0077006	-.000101
Stddev	.000734	.0007465	.000073
%RSD	5604.465	9.693710	72.27729

#1	-.000425	.0068783	-.000069
#2	-.000449	.0083357	-.000050
#3	.000835	.0078877	-.000185

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.488	3894.451	54640.27	9257.826	4631.132
Stddev	6.309	11.693	49.51	55.000	8.940
%RSD	.2918617	.3002526	.0906044	.5940878	.1930321

#1	2163.163	3882.047	54635.94	9249.008	4625.878
#2	2166.791	3905.272	54691.80	9316.702	4641.454
#3	2154.512	3896.033	54593.07	9207.768	4626.064

Sample Name: K2123-07 Acquired: 04/12/2019 12:23:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B46 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006743	.0021572	.0000861	-.001767	-.003299	.0146191	.0296309
Stddev	.0025671	.0016527	.0012628	.001925	.001259	.0096464	.0001899
%RSD	380.6893	76.61565	1467.039	108.9469	38.17302	65.98482	.6407791

#1	.0010808	.0030248	-.001177	-.003777	-.004724	.0121342	.0294122
#2	.0030139	.0002513	.000087	-.001583	-.002839	.0064583	.0297267
#3	-.002072	.0031954	.001349	.000060	-.002334	.0252648	.0297538

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001477	-.000030	5.876718	.0003262	-.000143	-.004721	-.011837
Stddev	.0000576	.000078	.013265	.0001504	.000222	.002917	.009809
%RSD	38.98018	259.8382	.2257229	46.10587	155.1026	61.78799	82.86305

#1	.0001411	-.000039	5.872930	.0001969	.000070	-.003266	-.003886
#2	.0000937	-.000103	5.865759	.0002904	-.000126	-.002817	-.008827
#3	.0002083	.000052	5.891465	.0004913	-.000374	-.008079	-.022798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003526	.3472466	.0002629	.0000220	-.177528	.0004819	-.005542
Stddev	.0002001	.0112289	.0000544	.0003688	.168099	.0016451	.001484
%RSD	56.74887	3.233705	20.68128	1675.728	94.68897	341.3487	26.78440

#1	.0004822	.3451931	.0002994	-.000042	-.132613	.0023651	-.006755
#2	.0004535	.3371862	.0002889	-.000310	-.036448	-.000244	-.003887
#3	.0001221	.3593606	.0002004	.000419	-.363522	-.000675	-.005985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.846233	.0050731	-.066240	-.000167	.0083719	.0862395	-.004251
Stddev	.039012	.0022496	.001008	.000141	.0027111	.0006839	.000761
%RSD	4.610129	44.34418	1.521124	84.15820	32.38348	.7930538	17.90104

#1	-.890601	.0072886	-.067046	-.000218	.0111293	.0863044	-.004581
#2	-.830796	.0027909	-.065110	-.000275	.0082767	.0855254	-.003380
#3	-.817300	.0051397	-.066565	-.000008	.0057096	.0868886	-.004790

Sample Name: K2123-07 Acquired: 04/12/2019 12:23:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B46 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000546	-.022765	.1371268
Stddev	.000279	.000286	.0005826
%RSD	50.97816	1.255087	.4248464

#1	-.000505	-.022436	.1376605
#2	-.000844	-.022912	.1372147
#3	-.000291	-.022948	.1365053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.204	4069.670	56860.87	9517.638	4876.715
Stddev	3.585	3.167	444.52	43.978	1.500
%RSD	.1577212	.0778119	.7817762	.4620691	.0307561

#1	2269.325	4069.370	56354.18	9533.870	4878.249
#2	2276.396	4072.975	57043.11	9467.851	4875.252
#3	2273.893	4066.663	57185.31	9551.192	4876.643

Sample Name: K2165-11 Acquired: 04/12/2019 12:27:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B65 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027790	.0029131	.0002815	-.004186	-.004419	.0045286	.0000593
Stddev	.0015245	.0004799	.0009676	.001173	.000734	.0101562	.0003317
%RSD	54.85766	16.47549	343.6680	28.01714	16.60377	224.2702	559.5896

#1	.0045160	.0028517	-.000549	-.004548	-.004532	.0065844	.0004220
#2	.0016630	.0024668	.001344	-.002875	-.003635	.0134996	-.000016
#3	.0021581	.0034208	.000049	-.005135	-.005089	-.006498	-.000229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001040	-.000036	-.006088	.0001873	.0002026	-.007796	-.026688
Stddev	.0000736	.000043	.001046	.0003576	.0000777	.001532	.004792
%RSD	70.79434	119.5400	17.18173	190.9901	38.31925	19.64724	17.95725

#1	.0000307	-.000055	-.005648	.0003921	.0001673	-.008670	-.021328
#2	.0001033	.000013	-.005333	-.000226	.0001490	-.006027	-.030559
#3	.0001780	-.000065	-.007282	.000395	.0002917	-.008690	-.028178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000508	.0114284	.0000104	-.000236	-.133466	.0000722	-.007480
Stddev	.000454	.0087996	.0002713	.000391	.301581	.0018127	.001454
%RSD	89.39521	76.99754	2603.993	165.5605	225.9604	2512.413	19.44145

#1	-.000041	.0069100	.0003216	-.000397	-.271758	.0004612	-.007030
#2	-.000534	.0215692	-.000176	.000210	-.341101	.0016587	-.009106
#3	-.000948	.0058059	-.000114	-.000521	.212460	-.001903	-.006304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.851117	.0013340	-.069416	-.000300	.0022982	-.001399	-.005160
Stddev	.055235	.0020149	.001093	.000103	.0039890	.001600	.000507
%RSD	6.489687	151.0389	1.574126	34.21610	173.5730	114.3981	9.817156

#1	-.877687	.0018084	-.070417	-.000221	.0006929	.000259	-.005102
#2	-.888045	-.000876	-.069581	-.000263	.0068397	-.001520	-.005693
#3	-.787618	.003069	-.068250	-.000415	-.000638	-.002935	-.004685

Sample Name: K2165-11 Acquired: 04/12/2019 12:27:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B65 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002142	-.022873	-.000111
Stddev	.0009489	.001174	.000042
%RSD	442.9449	5.131983	37.99911

#1	-.000216	-.023801	-.000066
#2	-.000444	-.021553	-.000116
#3	.001302	-.023265	-.000150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.599	4087.569	56642.41	9608.763	4877.716
Stddev	12.089	3.671	372.89	25.092	.866
%RSD	.5319491	.0898130	.6583314	.2611328	.0177524

#1	2280.667	4087.861	56965.32	9631.744	4878.317
#2	2278.430	4083.761	56727.62	9612.551	4878.107
#3	2258.700	4091.086	56234.28	9581.992	4876.723

Sample Name: CCB076 Acquired: 04/12/2019 12:44:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004507	.0015186	.0003321	.0017153	-.001485	.0050068	.0003060
Stddev	.0041985	.0026282	.0008635	.0030904	.000806	.0056735	.0003297
%RSD	931.4719	173.0699	260.0165	180.1677	54.26801	113.3144	107.7334

#1	-.002536	.0024919	.0007881	.0042221	-.000770	.0056056	.0000246
#2	.005251	-.001457	-.000664	-.001738	-.002359	.0103572	.0002246
#3	-.001363	.003521	.000872	.002661	-.001327	-.000942	.0006688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000253	.0000390	-.001230	.0003442	.0000895	.0066190	-.000077
Stddev	.0000977	.0000319	.012364	.0005356	.0001687	.0015643	.006417
%RSD	386.2453	81.80864	1005.501	155.5935	188.5592	23.63423	8387.499

#1	-.000087	.0000036	.000554	.0008897	-.000067	.0074936	-.007393
#2	.000085	.0000479	-.014388	.0003238	.000067	.0075505	.002569
#3	.000078	.0000656	.010145	-.000181	.000269	.0048129	.004595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005183	-.006653	-.000123	.0003111	.2415153	-.000371	-.001965
Stddev	.0001423	.024825	.000232	.0003568	.1679114	.000510	.001927
%RSD	27.45400	373.1157	189.2359	114.7112	69.52413	137.5370	98.07041

#1	.0006558	.021973	-.000248	.0007208	.0586936	-.000325	.000250
#2	.0005275	-.019672	-.000265	.0001436	.3888404	.000115	-.003255
#3	.0003717	-.022262	.000145	.0000688	.2770118	-.000902	-.002890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270777	.0011980	-.040679	.0002530	.0014920	-.002244	.0001276
Stddev	.0287347	.0010306	.001032	.0001884	.0045796	.000493	.0013774
%RSD	106.1198	86.03254	2.535920	74.43468	306.9411	21.98379	1079.403

#1	.0279566	.0022021	-.039783	.0000356	-.002498	-.002608	-.001031
#2	.0553629	.0012491	-.040446	.0003599	.000482	-.002442	-.000237
#3	-.002086	.0001427	-.041806	.0003636	.006492	-.001683	.001651

Sample Name: CCB076 Acquired: 04/12/2019 12:44:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB076 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000257	.0090694	-.000160
Stddev	.000831	.0029238	.000079
%RSD	322.8585	32.23826	49.38734

#1	-.000336	.0104617	-.000242
#2	-.001047	.0110367	-.000085
#3	.000610	.0057096	-.000152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.372	3888.440	54303.85	9292.052	4616.691
Stddev	6.424	9.947	308.28	29.573	3.974
%RSD	.2970706	.2558086	.5676951	.3182576	.0860827

#1	2168.210	3877.080	54541.03	9261.372	4612.126
#2	2155.490	3892.653	54415.13	9320.376	4618.567
#3	2163.417	3895.587	53955.38	9294.409	4619.380

Sample Name: K2165-18 Acquired: 04/12/2019 13:26:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B73 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007606	.0037619	.0001513	-.003258	-.004066	.0039212	.0004362
Stddev	.0020636	.0018075	.0003294	.001728	.001345	.0029423	.0000916
%RSD	271.3150	48.04886	217.7323	53.05893	33.06726	75.03431	20.99844

#1	.0031297	.0058347	.0001060	-.003653	-.004977	.0021751	.0004291
#2	-.000645	.0029367	.0005010	-.001366	-.002522	.0022704	.0003483
#3	-.000203	.0025142	-.000153	-.004754	-.004700	.0073182	.0005311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0000309	.2405528	.0002419	.0001652	-.005752	-.009584
Stddev	.000099	.0000138	.0116335	.0002753	.0000500	.001625	.000954
%RSD	1768.521	44.76454	4.836136	113.8052	30.25462	28.24471	9.958879

#1	.000053	.0000426	.2538888	.0004873	.0001865	-.005561	-.008816
#2	-.000119	.0000156	.2324881	.0002941	.0002010	-.004231	-.009283
#3	.000049	.0000344	.2352814	-.000056	.0001081	-.007463	-.010652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037891	.0518613	.0002264	.0001047	-.248845	.0004471	-.007258
Stddev	.0004235	.0369205	.0001898	.0001526	.300325	.0022123	.000868
%RSD	11.17746	71.19075	83.82640	145.7393	120.6875	494.8315	11.95885

#1	.0040434	.0226109	.0002745	.0000243	-.013022	-.002022	-.007358
#2	.0033002	.0933459	.0003875	.0002806	-.586951	.002250	-.006345
#3	.0040238	.0396271	.0000172	.0000092	-.146562	.001113	-.008072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.920314	.0055812	-.073663	-.000342	.0024739	.0073601	-.005342
Stddev	.037862	.0006907	.001634	.000103	.0034739	.0009107	.000894
%RSD	4.113996	12.37553	2.218860	30.03819	140.4210	12.37313	16.72748

#1	-.886666	.0050770	-.075144	-.000440	.0060485	.0069452	-.006061
#2	-.912963	.0063684	-.071909	-.000350	-.000890	.0084043	-.004341
#3	-.961312	.0052981	-.073936	-.000235	.002263	.0067307	-.005623

Sample Name: K2165-18 Acquired: 04/12/2019 13:26:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B73 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000844	-.022462	.0017475
Stddev	.000987	.001052	.0000206
%RSD	116.8789	4.682582	1.179179

#1	-.001127	-.023207	.0017562
#2	.000253	-.022922	.0017240
#3	-.001659	-.021259	.0017623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.791	4074.029	55584.22	9708.002	4843.140
Stddev	7.289	10.499	209.39	61.501	15.245
%RSD	.3217069	.2577111	.3767058	.6335063	.3147837

#1	2267.379	4085.393	55431.66	9778.949	4858.353
#2	2272.155	4072.006	55822.94	9675.220	4843.206
#3	2257.839	4064.689	55498.06	9669.837	4827.862

Sample Name: CCV077 Acquired: 04/12/2019 13:30:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.940797	4.886470	24.97590	4.834573	4.954684	398.8301	10.17213
Stddev	.011860	.006885	.03769	.012365	.009894	4.9602	.02532
%RSD	.2400480	.1409005	.1509048	.2557586	.1996984	1.243681	.2488952

#1	4.927345	4.878520	24.94673	4.821707	4.943570	403.5857	10.18446
#2	4.949745	4.890459	24.96252	4.835646	4.957947	399.2167	10.18893
#3	4.945302	4.890432	25.01846	4.846367	4.962535	393.6879	10.14301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4895614	2.489318	413.6130	15.08958	2.584985	15.02189	416.5081
Stddev	.0060282	.003753	1.5730	.01383	.004851	.03977	.9058
%RSD	1.231341	.1507439	.3802963	.0916540	.1876508	.2647655	.2174693

#1	.4965152	2.485228	413.8665	15.08123	2.579660	15.04229	416.7312
#2	.4863533	2.490122	415.0438	15.08197	2.586145	15.04733	417.2814
#3	.4858157	2.492603	411.9287	15.10554	2.589151	14.97606	415.5116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93961	403.2382	2.473821	1.318211	407.3167	2.455264	15.54146
Stddev	.05385	.9288	.008229	.008070	.7329	.005113	.15074
%RSD	.3604287	.2303414	.3326416	.6121707	.1799328	.2082366	.9698963

#1	14.95242	403.0636	2.469060	1.310277	407.8417	2.449730	15.37263
#2	14.98590	404.2419	2.469080	1.317945	407.6290	2.459812	15.66253
#3	14.88052	402.4090	2.483323	1.326410	406.4794	2.456250	15.58923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.8063	5.038238	4.845947	4.948024	5.106784	4.879969	4.957575
Stddev	.2596	.005616	.042980	.009882	.016690	.060342	.018564
%RSD	.1710135	.1114726	.8869340	.1997065	.3268216	1.236525	.3744631

#1	151.7729	5.044451	4.894411	4.941355	5.091736	4.949587	4.937029
#2	152.0810	5.033523	4.830978	4.943342	5.124735	4.842693	4.962556
#3	151.5651	5.036740	4.812454	4.959377	5.103881	4.847626	4.973141

Sample Name: CCV077 Acquired: 04/12/2019 13:30:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV077 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.065044	5.230161	5.044229
Stddev	.014735	.010111	.046078
%RSD	.2909234	.1933288	.9134776

#1	5.075744	5.223898	5.097270
#2	5.071152	5.241826	5.021340
#3	5.048237	5.224759	5.014077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.052	3238.239	48449.10	8807.116	3578.011
Stddev	8.063	4.898	217.20	101.700	3.581
%RSD	.4524494	.1512537	.4483085	1.154747	.1000883

#1	1782.464	3233.076	48672.05	8699.747	3575.673
#2	1773.790	3238.821	48238.14	8819.608	3576.226
#3	1789.900	3242.820	48437.11	8901.993	3582.134

Sample Name: CCB077 Acquired: 04/12/2019 13:34:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB077 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000436	.0013386	.0016476	.0013017	-.003372	.0014115	-.000110
Stddev	.000656	.0011820	.0003948	.0009497	.001111	.0068683	.000474
%RSD	150.3246	88.29794	23.96243	72.95306	32.95583	486.5986	431.9896

#1	.000265	.0022663	.0013377	.0023842	-.004147	.0091556	.000092
#2	-.000539	.0017417	.0015129	.0009123	-.002099	-.003942	-.000651
#3	-.001035	.0000078	.0020921	.0006087	-.003869	-.000979	.000230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	-.000028	.0018002	.0007175	.0001576	.0047491	.0024308
Stddev	.000125	.000066	.0067427	.0001756	.0000172	.0010217	.0043105
%RSD	210.5153	230.6004	374.5519	24.46459	10.88239	21.51425	177.3286

#1	-.000159	.000023	.0094291	.0005149	.0001737	.0048067	-.001640
#2	-.000099	-.000005	-.000668	.0008211	.0001595	.0057408	.006947
#3	.000081	-.000103	-.003361	.0008166	.0001396	.0036998	.001985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002555	.0148030	-.000283	.0003904	.1830913	-.000049	-.002111
Stddev	.0000851	.0318722	.000328	.0000701	.2124319	.001233	.002638
%RSD	33.32318	215.3091	116.0860	17.96281	116.0251	2516.386	124.9694

#1	.0003090	-.019961	-.000658	.0003599	.3729382	.001277	.000432
#2	.0001573	.042646	-.000140	.0003407	-.046353	-.000261	-.001931
#3	.0003001	.021725	-.000050	.0004706	.222689	-.001162	-.004835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018847	.0024267	-.047421	.0000586	.0067726	-.002192	-.001013
Stddev	.0592990	.0026794	.001392	.0000687	.0049770	.000657	.000398
%RSD	3146.277	110.4127	2.935266	117.2177	73.48808	29.95853	39.28146

#1	-.012424	.0047941	-.047965	-.000018	.0023252	-.002629	-.000694
#2	-.048950	-.000482	-.045839	.000079	.0058440	-.002510	-.001459
#3	.067029	.002968	-.048459	.000115	.0121485	-.001437	-.000887

Sample Name: CCB077 Acquired: 04/12/2019 13:34:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v846) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB077 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001148	.0072044	-.000105
Stddev	.000196	.0026532	.000102
%RSD	17.03964	36.82696	96.80002

#1	-.001012	.0085798	.000007
#2	-.001372	.0088874	-.000132
#3	-.001060	.0041459	-.000192

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.956	3876.203	53068.29	9445.050	4572.785
Stddev	3.940	3.859	325.97	29.684	9.878
%RSD	.1848114	.0995542	.6142377	.3142845	.2160179

#1	2128.297	3879.747	52703.58	9454.976	4582.670
#2	2136.127	3876.770	53170.06	9468.500	4572.770
#3	2131.443	3872.092	53331.23	9411.675	4562.914