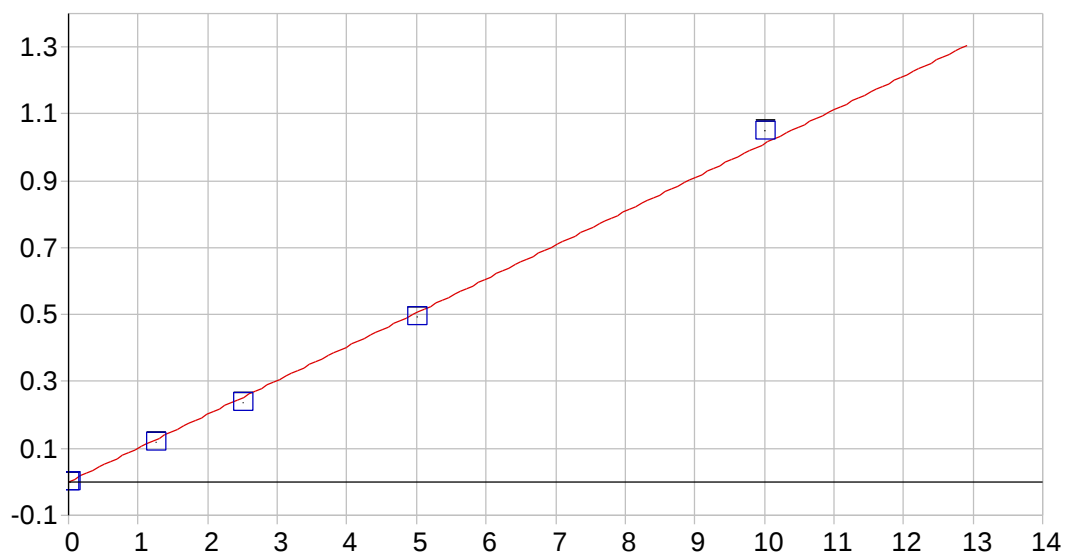




As 189.042 {478}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000146

Re-Slope: 1.000000

A1 (Gain): 0.101081

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999097

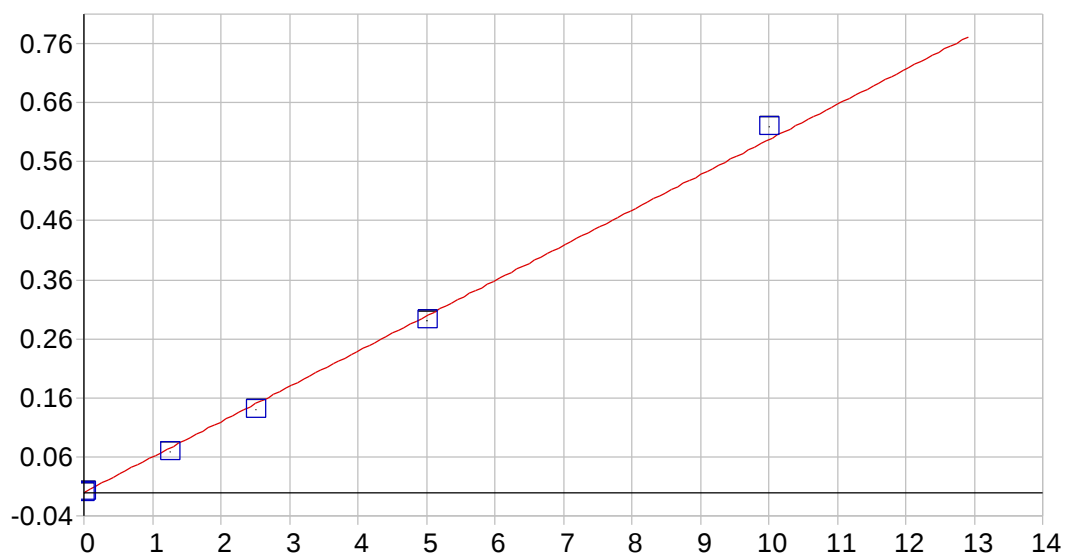
Status: OK.

Std Error of Est: 0.000072

Predicted MDL: 0.002571

Predicted MQL: 0.008569

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00928	-.001	-7.22	.00079	.000	1
S3	2.5000	2.3384	-.162	-6.47	.23622	.001	1
S4	5.0000	4.8799	-.120	-2.40	.49312	.001	1
S5	10.000	10.373	.373	3.73	1.0484	.002	1
S2	1.2500	1.1591	-.091	-7.27	.11702	.000	1

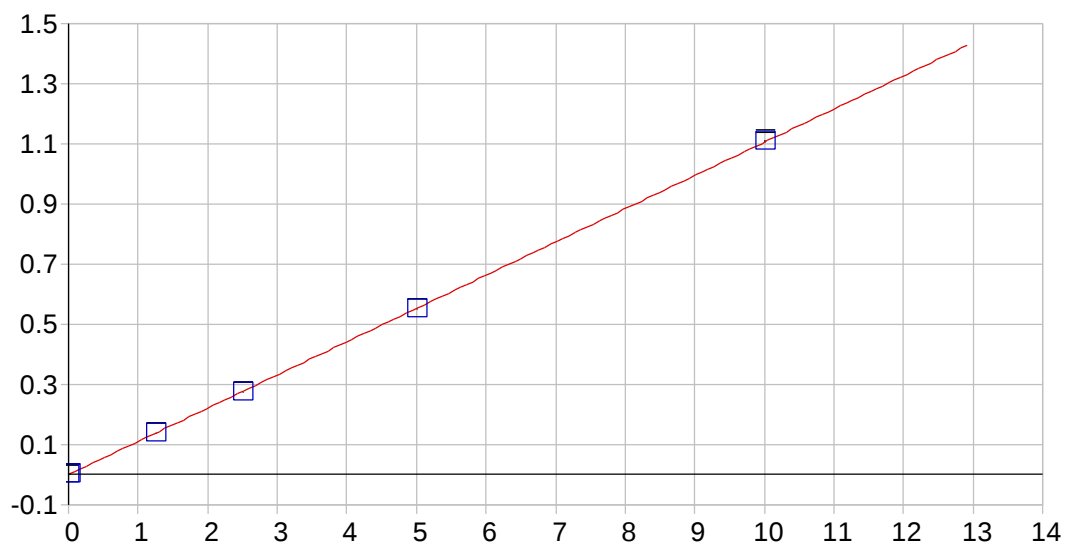


As 189.042 {479}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.059714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999117 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002702
 Predicted MQL: 0.009008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01180	.002	18.0	.00072	.000	1
S3	2.5000	2.3430	-.157	-6.28	.13993	.001	1
S4	5.0000	4.8754	-.125	-2.49	.29115	.001	1
S5	10.000	10.369	.369	3.69	.61916	.000	1
S2	1.2500	1.1614	-.089	-7.09	.06937	.000	1

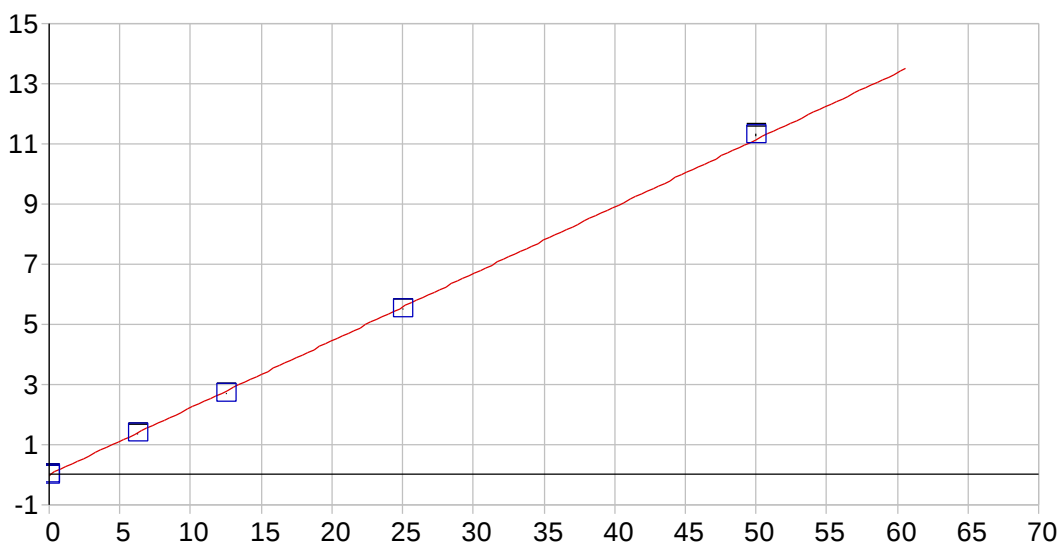


TI 190.856 {477}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.110516 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001687
 Predicted MQL: 0.005625

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.02500	.02259	-.002	-9.65	.00252	.000	1
S3	2.5000	2.4877	-.012	-.491	.27496	.001	1
S4	5.0000	4.9819	-.018	-.363	.55060	.001	1
S5	10.000	10.026	.026	.265	1.1081	.003	1
S2	1.2500	1.2563	.006	.506	.13887	.000	1

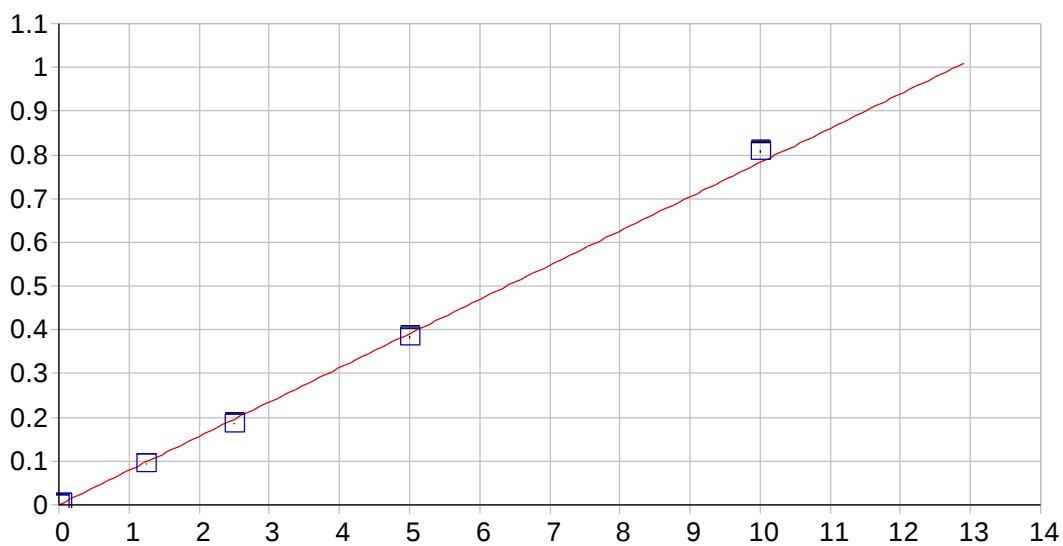


Pb 220.353 {453}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000208 Re-Slope: 1.000000
 A1 (Gain): 0.222791 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.001321
 Predicted MQL: 0.004404

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.01076	.001	7.64	.00219	.000	1
S3	12.500	12.183	-.317	-2.53	2.7141	.001	1
S4	25.000	24.774	-.226	-.905	5.5192	.006	1
S5	50.000	50.676	.676	1.35	11.290	.030	1
S2	6.2500	6.1156	-.134	-2.15	1.3623	.002	1

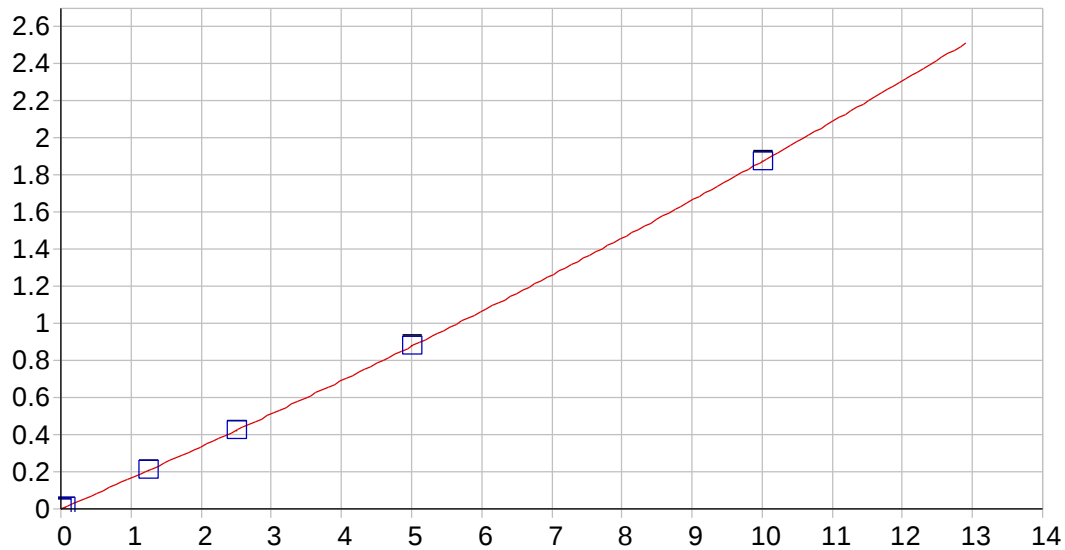


Se 196.090 {472}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000170 Re-Slope: 1.000000
 A1 (Gain): 0.078234 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999388 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.002949
 Predicted MQL: 0.009829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.03500	.03345	-.002	-4.42	.00279	.000	1
S3	2.5000	2.3677	-.132	-5.29	.18541	.001	1
S4	5.0000	4.8854	-.115	-2.29	.38237	.002	1
S5	10.000	10.314	.314	3.14	.80708	.002	1
S2	1.2500	1.1843	-.066	-5.25	.09283	.000	1



Sb 206.833 {463}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000257

Re-Slope: 1.000000

A1 (Gain): 0.162793

Y-int: 0.000000

A2 (Curvature): 0.002467

n (Exponent): 1.000000

Correlation: 0.999996

Status:

Warning

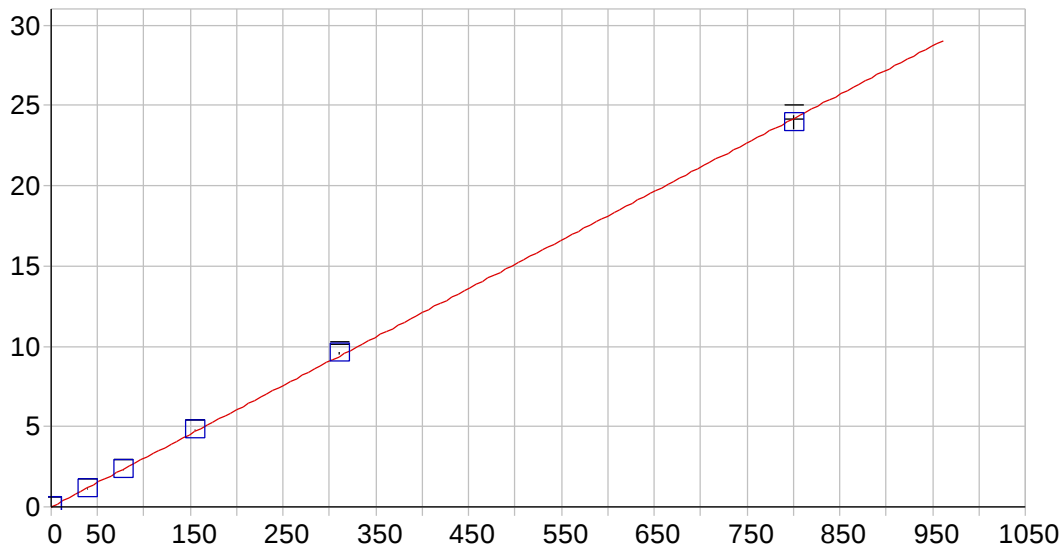
Positive Curvature

Std Error of Est: 0.000023

Predicted MDL: 0.001738

Predicted MQL: 0.005793

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.06000	.05896	-.001	-1.73	.00986	.000	1
S3	2.5000	2.4868	-.013	-.528	.42035	.001	1
S4	5.0000	5.0088	.009	.176	.87754	.003	1
S5	10.000	9.9981	-.002	-.019	1.8745	.002	1
S2	1.2500	1.2573	.007	.583	.20883	.000	1

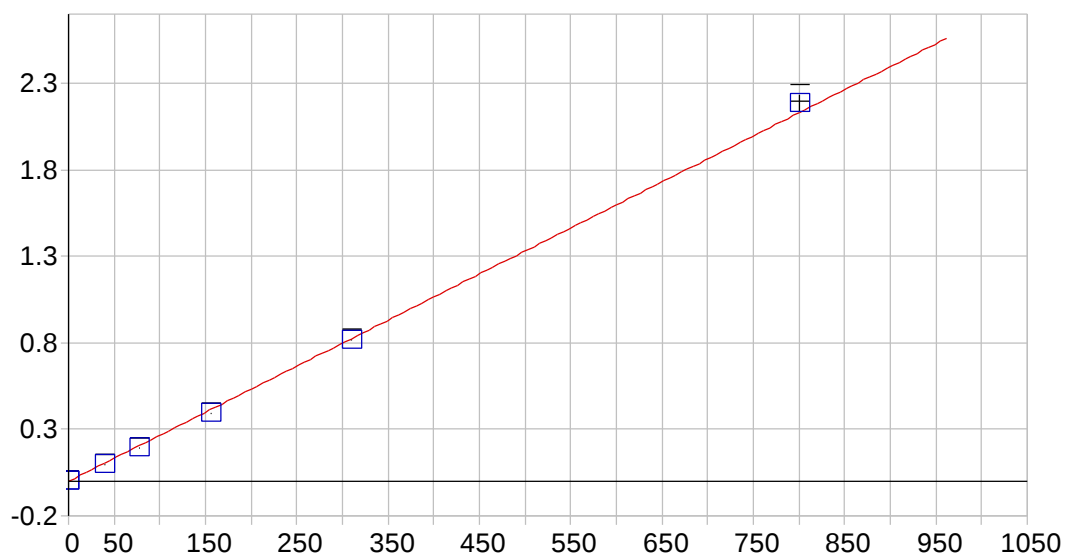


AI 308.215 {109}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001945	Re-Slope: 1.000000
A1 (Gain):	0.030202	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999891	Status: OK.
Std Error of Est:	0.000278	
Predicted MDL:	0.003062	
Predicted MQL:	0.010207	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00195	.000	1
S1	.20000	.20177	.002	.885	.00804	.000	1
S3	77.500	76.768	-.732	-.944	2.3205	.003	1
S4	155.00	157.59	2.59	1.67	4.7615	.016	1
S5	310.00	316.92	6.92	2.23	9.5738	.066	1
S6	800.00	792.09	-7.91	-.989	23.925	.435	1
S2	38.750	37.878	-.872	-2.25	1.1460	.001	1

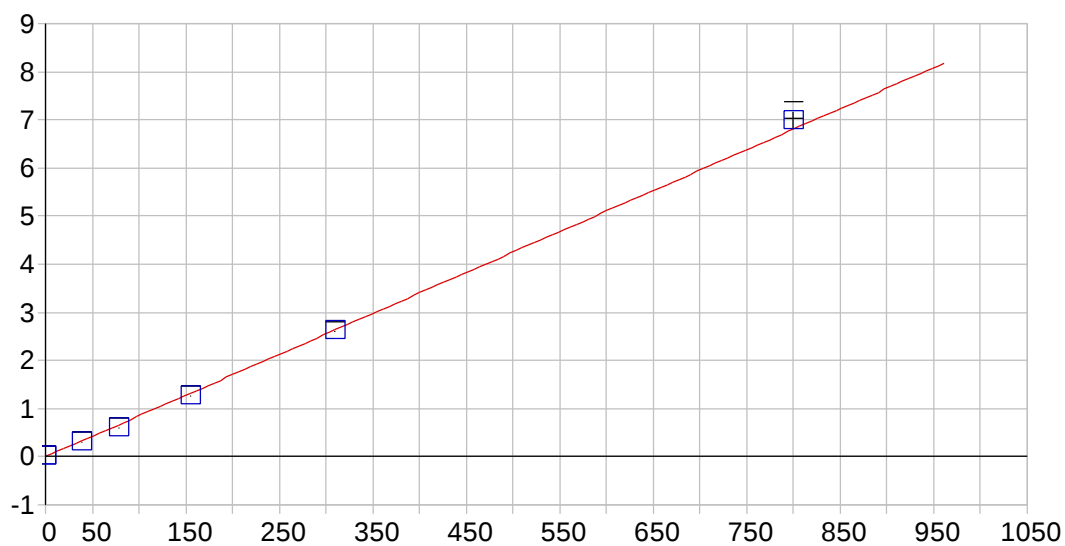


AI 309.271 {109}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000616 Re-Slope: 1.000000
 A1 (Gain): 0.002663 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999361 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.022874
 Predicted MQL: 0.076248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	-.00062	.000	1
S1	.20000	.18589	-.014	-7.06	-.00012	.000	1
S3	77.500	71.404	-6.10	-7.87	.18952	.001	1
S4	155.00	147.21	-7.79	-5.03	.39136	.000	1
S5	310.00	306.69	-3.31	-1.07	.81601	.004	1
S6	800.00	820.74	20.7	2.59	2.1848	.051	1
S2	38.750	35.226	-3.52	-9.10	.09318	.001	1

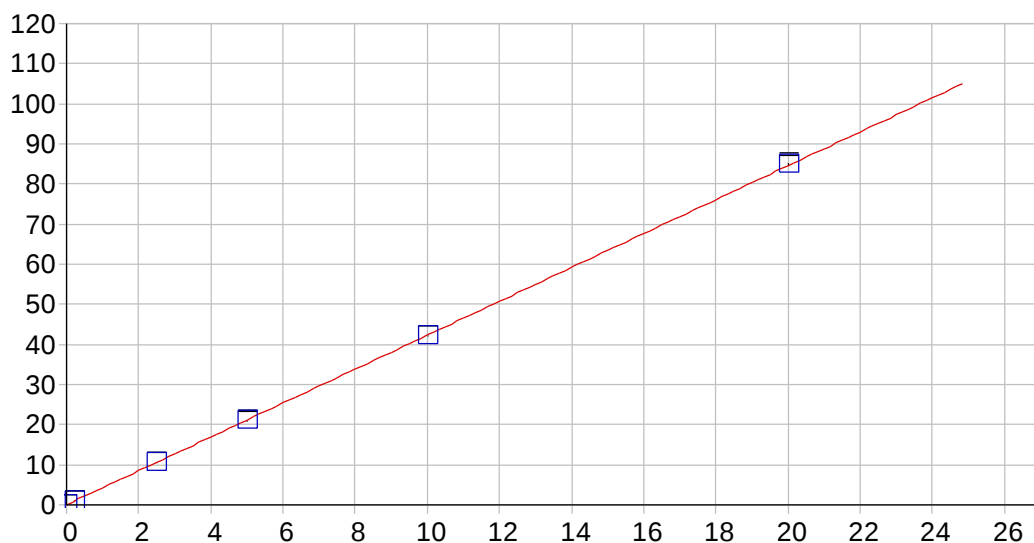


AI 396.152 { 85}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.008507 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999359 Status: OK.
 Std Error of Est: 0.000189
 Predicted MDL: 0.010395
 Predicted MQL: 0.034651

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00002	.000	1
S1	.20000	.18615	-.014	-6.92	.00156	.000	1
S3	77.500	71.087	-6.41	-8.27	.60474	.001	1
S4	155.00	147.58	-7.42	-4.79	1.2555	.002	1
S5	310.00	306.60	-3.40	-1.10	2.6083	.015	1
S6	800.00	820.72	20.7	2.59	6.9821	.173	1
S2	38.750	35.272	-3.48	-8.98	.30005	.001	1



Ba 493.409 { 68}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.031212

Re-Slope: 1.000000

A1 (Gain): 4.226502

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999981

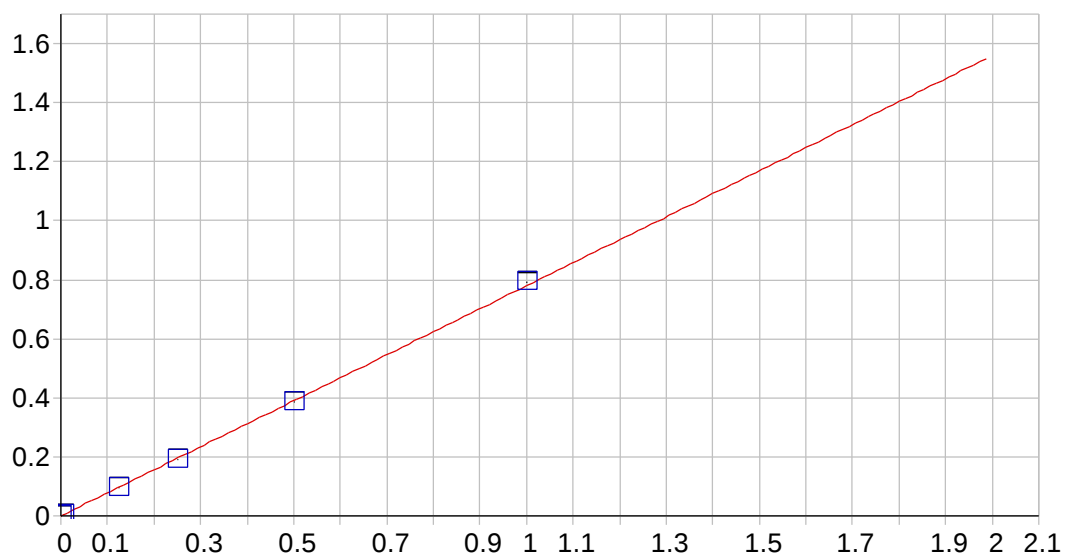
Status: OK.

Std Error of Est: 0.002777

Predicted MDL: 0.000781

Predicted MQL: 0.002603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03120	.003	1
S1	.20000	.20660	.007	3.30	.90439	.005	1
S3	5.0000	4.9407	-.059	-1.19	20.913	.059	1
S5	20.000	20.086	.086	.428	84.923	.404	1
S4	10.000	9.9853	-.015	-.147	42.234	.051	1
S2	2.5000	2.4818	-.018	-.726	10.521	.019	1

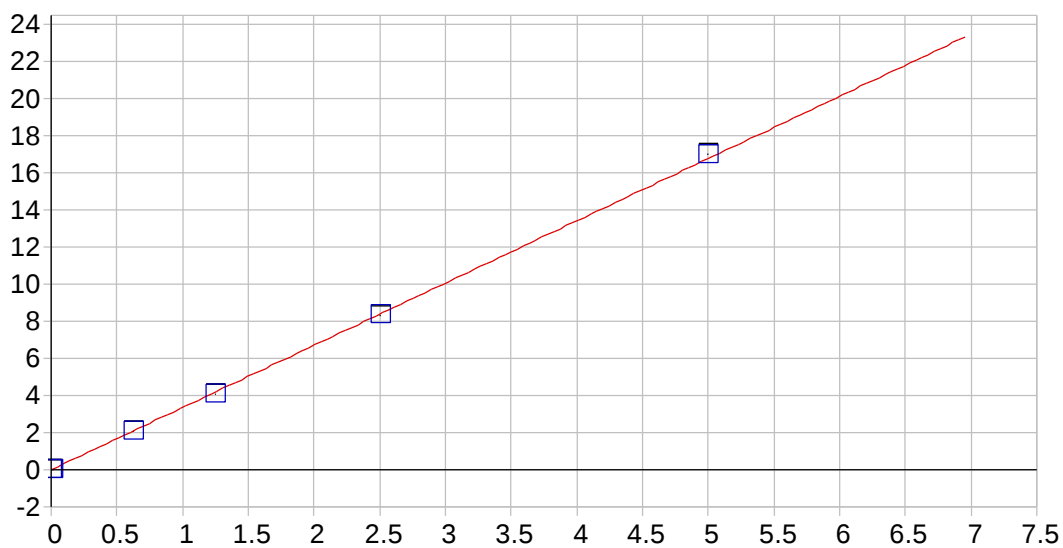


Be 234.861 {144}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000
 A1 (Gain): 0.779509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.000064
 Predicted MQL: 0.000214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.00500	.00499	.000	-.122	.00393	.000	1
S3	.25000	.24322	-.007	-2.71	.18963	.000	1
S4	.50000	.49418	-.006	-1.16	.38526	.001	1
S5	1.0000	1.0174	.017	1.74	.79311	.002	1
S2	.12500	.12019	-.005	-3.85	.09373	.000	1



Cd 226.502 {449}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000322

Re-Slope: 1.000000

A1 (Gain): 3.357560

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999899

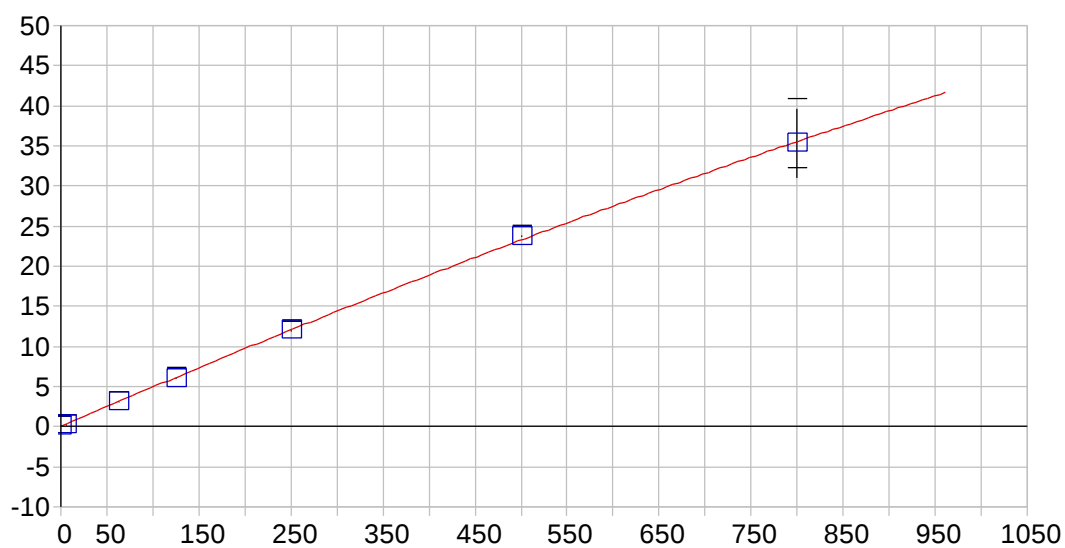
Status: OK.

Std Error of Est: 0.000401

Predicted MDL: 0.000097

Predicted MQL: 0.000325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.00500	.00499	.000	-.216	.01643	.000	1
S3	1.2500	1.2218	-.028	-2.26	4.1019	.002	1
S4	2.5000	2.4789	-.021	-.844	8.3227	.008	1
S5	5.0000	5.0629	.063	1.26	16.999	.043	1
S2	.62500	.61144	-.014	-2.17	2.0526	.003	1

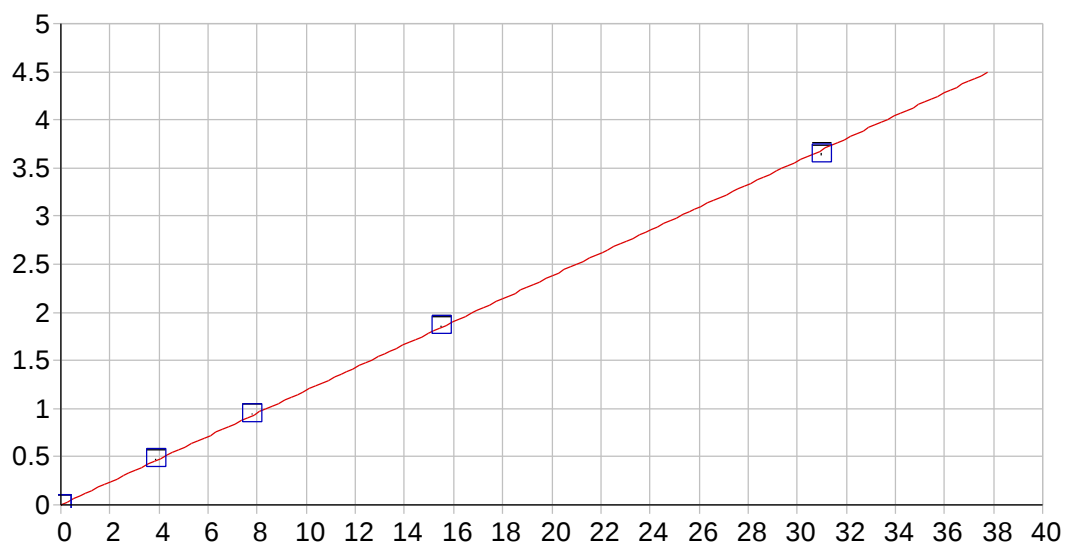


Ca 373.690 { 90}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000577 Re-Slope: 1.000000
 A1 (Gain): 0.050008 Y-int: 0.000000
 A2 (Curvature): -0.000007
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.002529
 Predicted MDL: 0.015741
 Predicted MQL: 0.052471

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	62.500	61.909	-.591	-.946	3.0697	.005	1
S0	.00000	-.00010	.000	.000	.00057	.001	1
S3	125.00	122.59	-2.41	-1.93	6.0261	.026	1
S4	250.00	247.89	-2.11	-.842	11.968	.032	1
S5	500.00	511.29	11.3	2.26	23.742	.064	1
S6	800.00	793.52	-6.48	-.810	35.282	4.35	1
S1	5.0000	5.2101	.210	4.20	.26093	.001	1

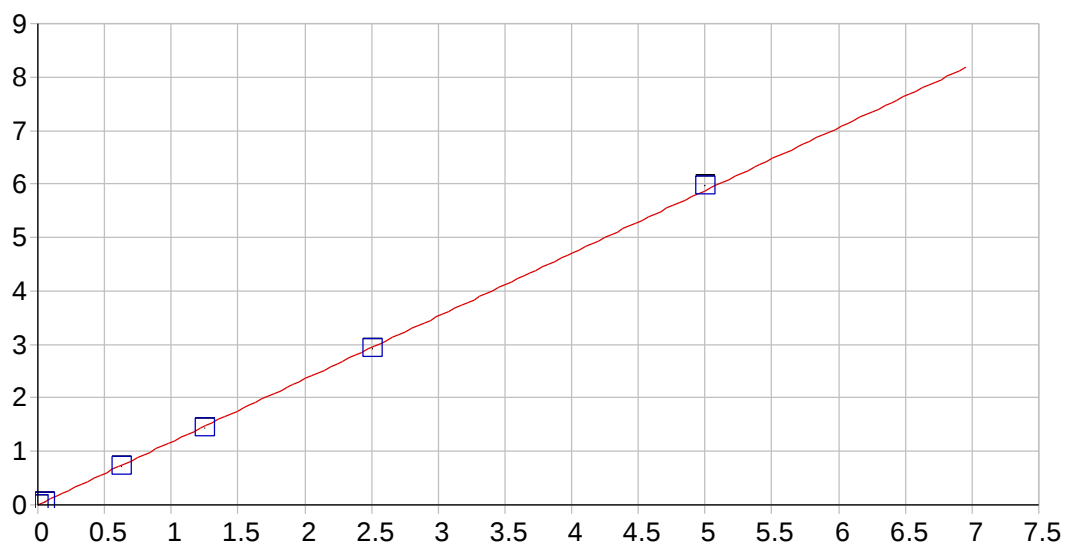


Cr 267.716 {126}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.118924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.000521
 Predicted MQL: 0.001735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.01083	.001	8.34	.00133	.000	1
S3	7.7500	7.9045	.155	1.99	.94007	.001	1
S4	15.500	15.624	.124	.801	1.8581	.005	1
S5	31.000	30.624	-.376	-1.21	3.6420	.013	1
S2	3.8750	3.9713	.096	2.49	.47232	.001	1



Co 228.616 {447}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000884

Re-Slope: 1.000000

A1 (Gain): 1.175696

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999840

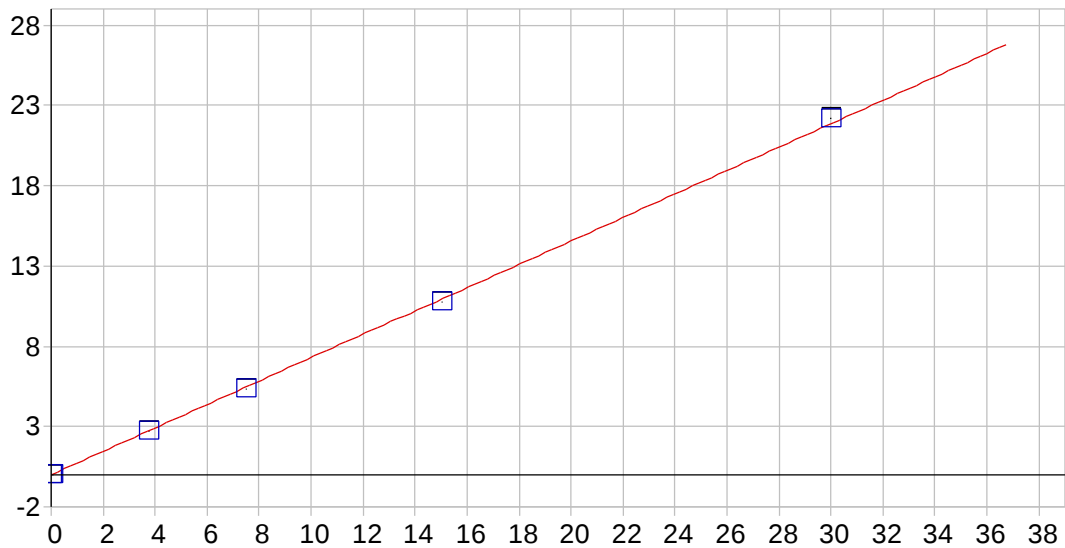
Status: OK.

Std Error of Est: 0.000558

Predicted MDL: 0.000253

Predicted MQL: 0.000844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.05000	.04788	-.002	-4.25	.05717	.000	1
S3	1.2500	1.2172	-.033	-2.62	1.4320	.001	1
S4	2.5000	2.4750	-.025	-.999	2.9108	.002	1
S5	5.0000	5.0788	.079	1.58	5.9720	.014	1
S2	.62500	.60611	-.019	-3.02	.71348	.000	1

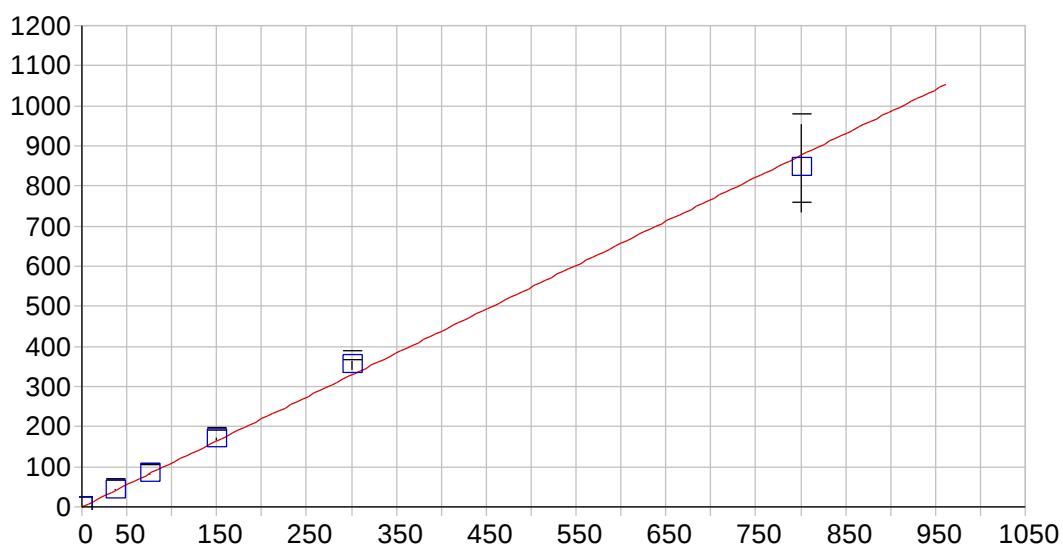


Cu 224.700 {450}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.728370 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000542
 Predicted MDL: 0.000508
 Predicted MQL: 0.001693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.02500	.02614	.001	4.55	.01892	.000	1
S3	7.5000	7.3151	-.185	-2.46	5.3280	.006	1
S4	15.000	14.791	-.209	-1.39	10.773	.017	1
S5	30.000	30.444	.444	1.48	22.174	.027	1
S2	3.7500	3.6989	-.051	-1.36	2.6940	.004	1

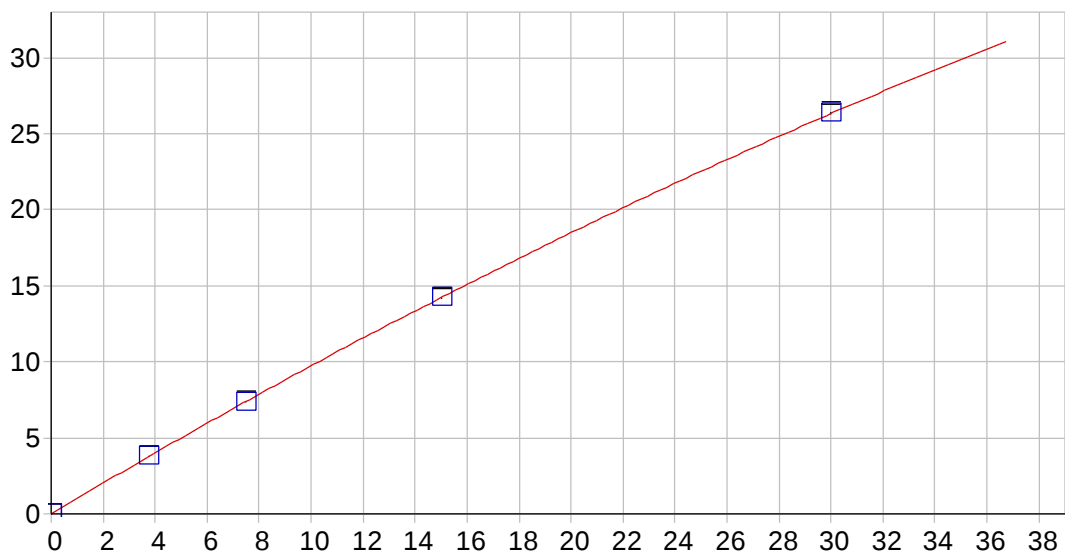


Fe 240.488 {140}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021009 Re-Slope: 1.000000
 A1 (Gain): 1.094825 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998939 Status: OK.
 Std Error of Est: 0.022033
 Predicted MDL: 0.012411
 Predicted MQL: 0.041369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.02099	.019	1
S1	.10000	.10457	.005	4.57	.13550	.023	1
S3	75.000	74.746	-.254	-.339	81.855	1.77	1
S4	150.00	154.52	4.52	3.01	169.19	1.82	1
S5	300.00	322.90	22.9	7.63	353.54	11.8	1
S6	800.00	771.89	-28.1	-3.51	845.11	110.	1
S2	37.500	38.445	.945	2.52	42.112	1.91	1



Mn 257.610 {131}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Curvilinear

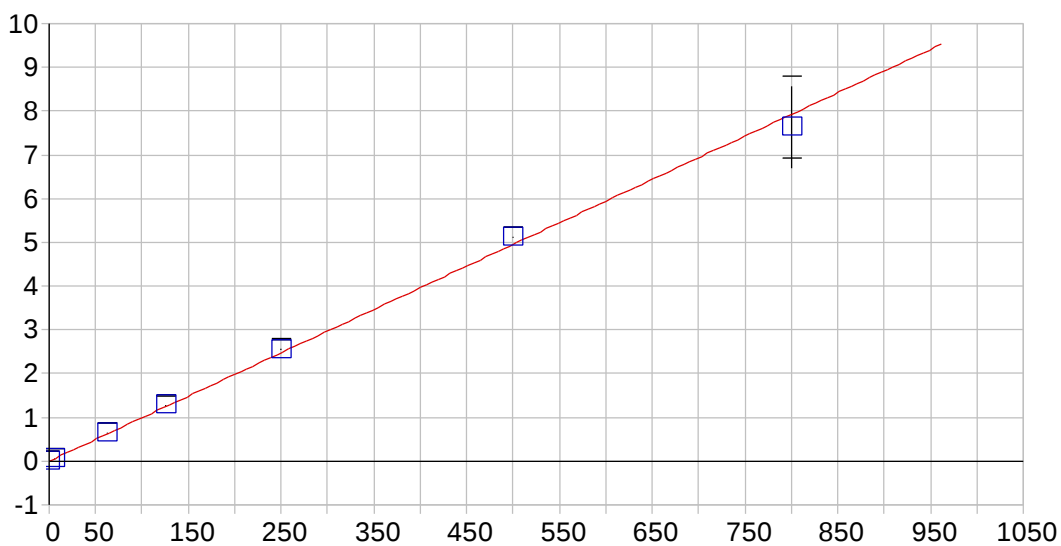
Weighting: 1/Conc

A0 (Offset): 0.000051
 A1 (Gain): 1.019699
 A2 (Curvature): -0.004740
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000152
 Predicted MDL: 0.000063
 Predicted MQL: 0.000210

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01500	.01601	.001	6.72	.01637	.000	1
S3	7.5000	7.4562	-.044	-.584	7.3396	.040	1
S4	15.000	14.986	-.014	-.091	14.217	.043	1
S5	30.000	30.015	.015	.051	26.336	.056	1
S2	3.7500	3.7919	.042	1.12	3.7985	.007	1



Mg 279.079 {121}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000057

Re-Slope: 1.000000

A1 (Gain): 0.009908

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999417

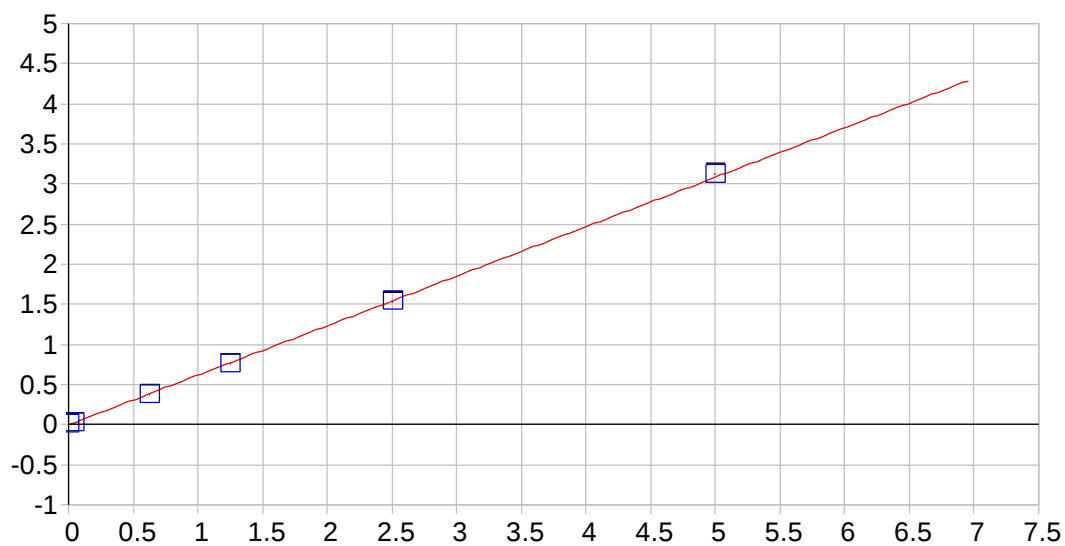
Status: OK.

Std Error of Est: 0.001181

Predicted MDL: 0.037956

Predicted MQL: 0.126520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	62.500	64.620	2.12	3.39	.64032	.005	1
S0	.00000	-.00086	-.001	.000	.00005	.000	1
S3	125.00	127.99	2.99	2.39	1.2682	.002	1
S4	250.00	257.31	7.31	2.92	2.5495	.010	1
S5	500.00	516.60	16.6	3.32	5.1187	.003	1
S6	800.00	770.54	-29.5	-3.68	7.6347	.929	1
S1	5.0000	5.4436	.444	8.87	.05399	.000	1

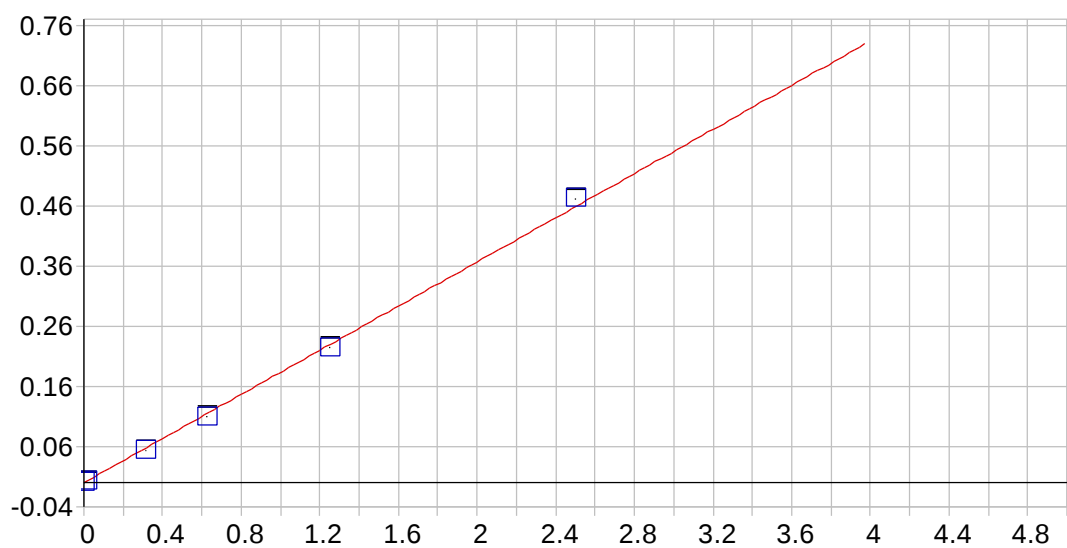


Ni 231.604 {445}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000279	Re-Slope: 1.000000
A1 (Gain):	0.616995	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999917	Status: OK.
Std Error of Est:	0.000189	
Predicted MDL:	0.000474	
Predicted MQL:	0.001580	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.04000	.03982	.000	-.453	.02429	.000	1
S3	1.2500	1.2248	-.025	-2.01	.75543	.001	1
S4	2.5000	2.4818	-.018	-.729	1.5310	.002	1
S5	5.0000	5.0568	.057	1.14	3.1197	.005	1
S2	.62500	.61183	-.013	-2.11	.37722	.000	1



Ag 328.068 {103}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000034

Re-Slope: 1.000000

A1 (Gain): 0.183396

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999491

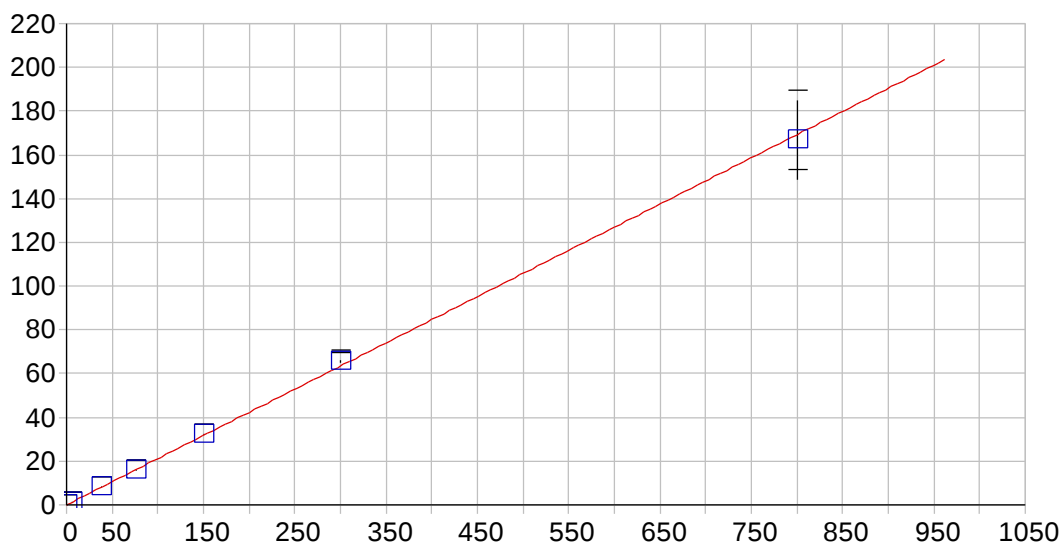
Status: OK.

Std Error of Est: 0.000049

Predicted MDL: 0.000513

Predicted MQL: 0.001710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01000	.00834	-.002	-16.6	.00150	.000	1
S3	.62500	.59800	-.027	-4.32	.10964	.000	1
S4	1.2500	1.2247	-.025	-2.02	.22457	.001	1
S5	2.5000	2.5703	.070	2.81	.47135	.000	1
S2	.31250	.29615	-.016	-5.23	.05428	.000	1

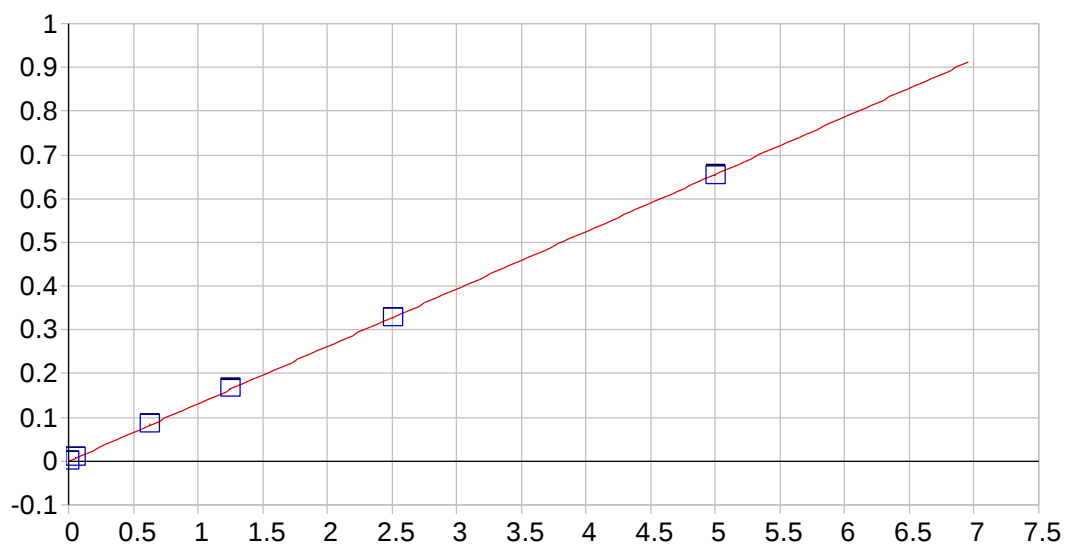


Na 589.592 { 57}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032104 Re-Slope: 1.000000
 A1 (Gain): 0.211483 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.013132
 Predicted MDL: 0.010645
 Predicted MQL: 0.035484

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	37.500	37.296	-.204	-.544	7.9195	.008	1
S0	.00000	-.00027	.000	.000	.03205	.003	1
S3	75.000	75.126	.126	.168	15.920	.045	1
S4	150.00	152.72	2.72	1.82	32.331	.069	1
S5	300.00	309.60	9.60	3.20	65.507	.661	1
S6	800.00	787.64	-12.4	-1.54	166.60	18.0	1
S1	5.0000	5.1128	.113	2.26	1.1134	.000	1

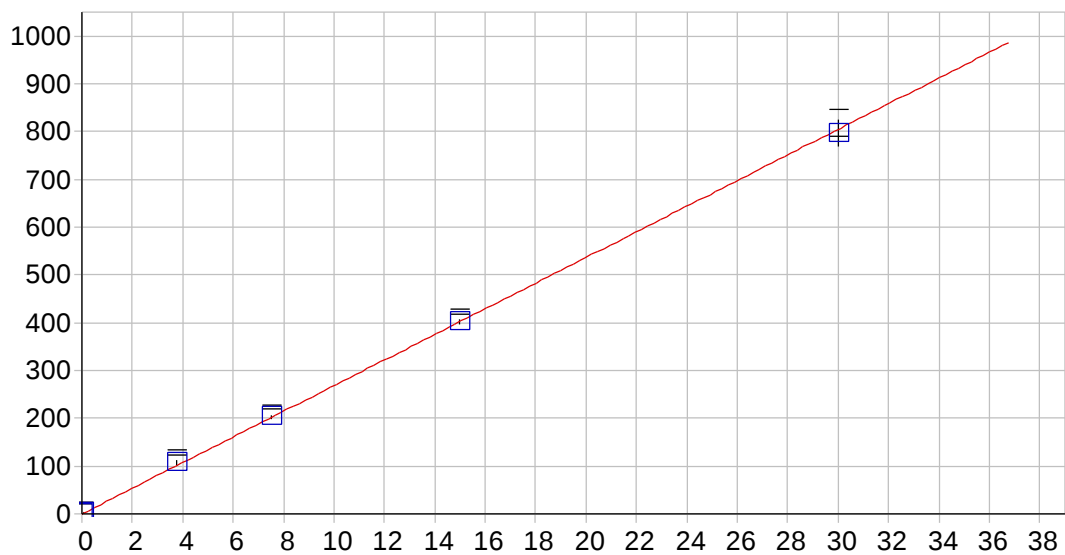


V 292.402 {115}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.131087 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000575
 Predicted MQL: 0.001915

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.05000	.05351	.004	7.02	.00686	.000	1
S3	1.2500	1.2588	.009	.704	.16486	.000	1
S4	2.5000	2.4993	-.001	-.027	.32748	.001	1
S5	5.0000	4.9771	-.023	-.457	.65229	.002	1
S2	.62500	.63622	.011	1.79	.08325	.000	1

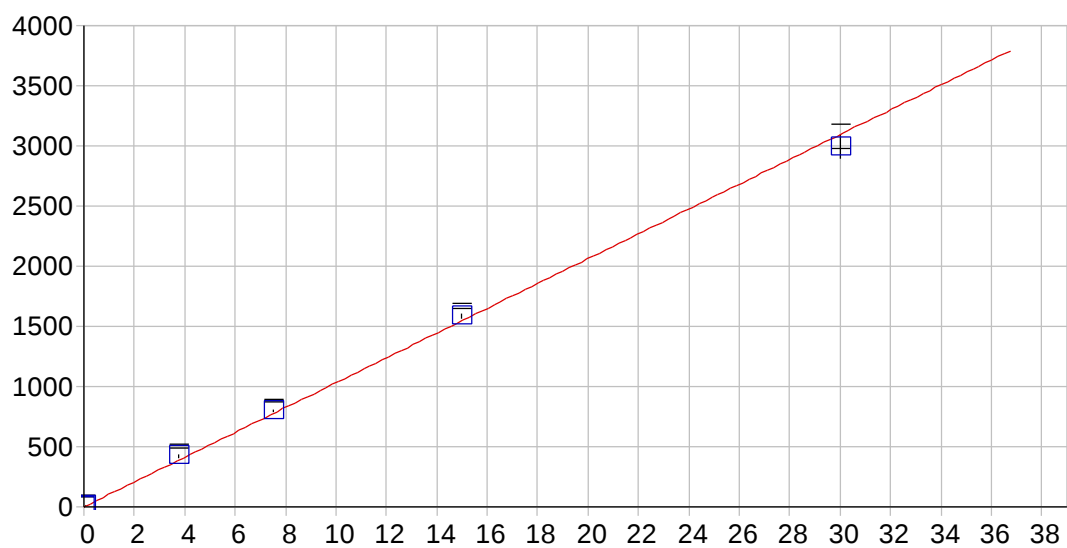


Zn 206.200 {163}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014055 Re-Slope: 1.000000
 A1 (Gain): 26.819561 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.039276
 Predicted MDL: 0.000657
 Predicted MQL: 0.002190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01370	.008	1
S1	.06000	.06910	.009	15.2	1.8673	.020	1
S3	7.5000	7.5524	.052	.699	202.57	4.17	1
S4	15.000	14.999	-.001	-.004	402.29	5.56	1
S5	30.000	29.675	-.325	-1.08	795.89	28.1	1
S2	3.7500	4.0140	.264	7.04	107.67	4.95	1

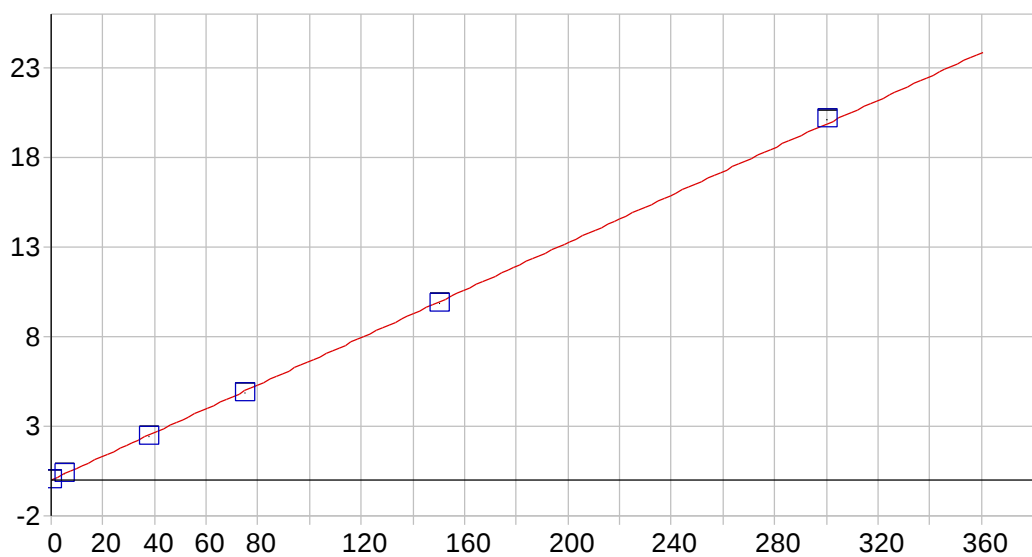


Zn 213.856 {458}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.120650 Re-Slope: 1.000000
 A1 (Gain): 103.135036 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999288 Status: OK.
 Std Error of Est: 0.277024
 Predicted MDL: 0.000095
 Predicted MQL: 0.000317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.11901	.010	1
S1	.06000	.06892	.009	14.9	7.2292	.084	1
S3	7.5000	7.7443	.244	3.26	798.83	13.8	1
S4	15.000	15.375	.375	2.50	1585.9	18.0	1
S5	30.000	29.034	-.966	-3.22	2994.5	98.6	1
S2	3.7500	4.0878	.338	9.01	421.72	18.3	1

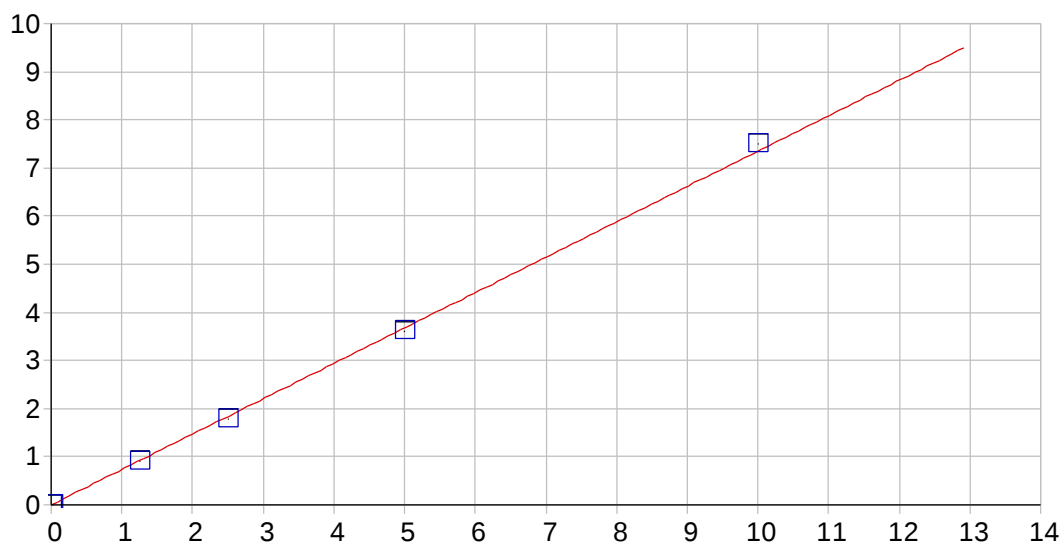


K 766.490 { 44}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001406 Re-Slope: 1.000000
 A1 (Gain): 0.066225 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.002070
 Predicted MDL: 0.038128
 Predicted MQL: 0.127093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	37.500	36.631	-.869	-2.32	2.4273	.011	1
S0	.00000	.00019	.000	.000	.00142	.003	1
S3	75.000	73.065	-1.94	-2.58	4.8402	.006	1
S4	150.00	148.85	-1.15	-.765	9.8592	.026	1
S5	300.00	303.93	3.93	1.31	20.129	.037	1
S1	5.0000	5.0251	.025	.502	.33420	.002	1



Mo 202.030 {467}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000551

Re-Slope: 1.000000

A1 (Gain): 0.735006

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999753

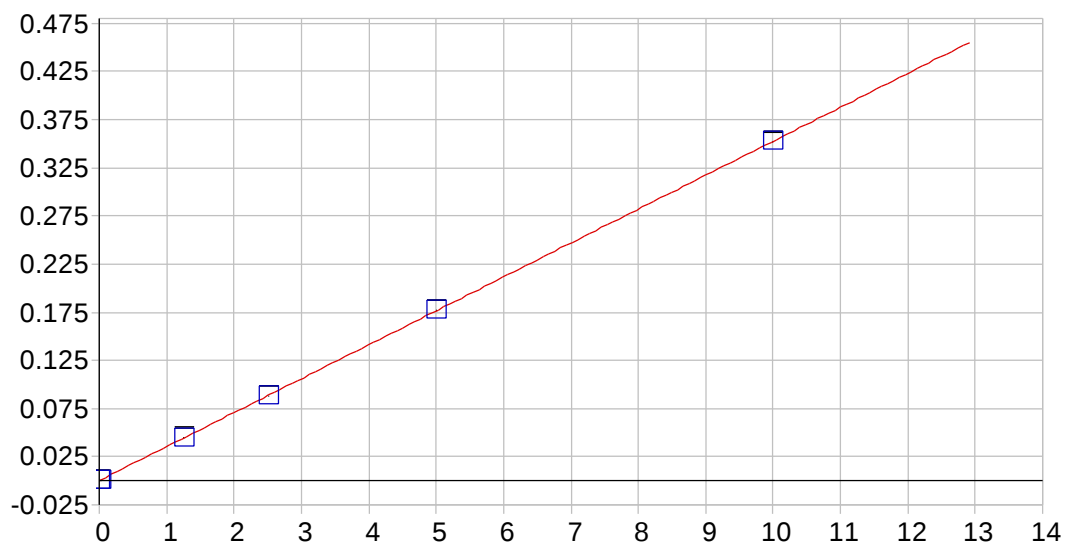
Status: OK.

Std Error of Est: 0.000274

Predicted MDL: 0.000309

Predicted MQL: 0.001029

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.01000	.00935	-.001	-6.49	.00742	.000	1
S3	2.5000	2.4173	-.083	-3.31	1.7773	.001	1
S4	5.0000	4.9152	-.085	-1.70	3.6132	.011	1
S5	10.000	10.203	.203	2.03	7.4996	.005	1
S2	1.2500	1.2154	-.035	-2.77	.89390	.002	1

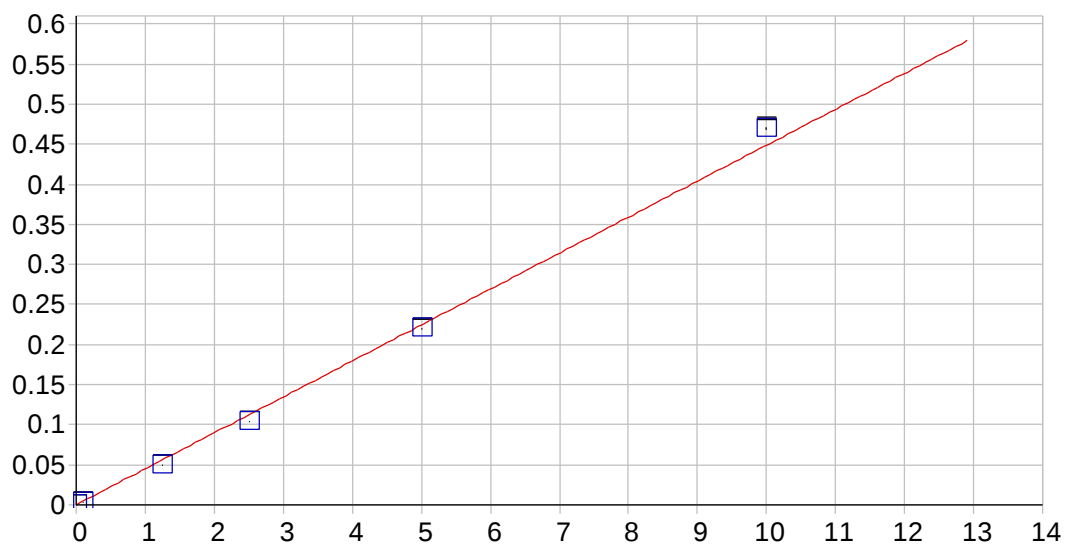


B 249.678 {135}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.035226 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.008056
 Predicted MQL: 0.026852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.01000	.01096	.001	9.64	.00066	.000	1
S3	2.5000	2.4955	-.004	-.179	.08818	.000	1
S4	5.0000	5.0118	.012	.237	.17682	.000	1
S5	10.000	9.9788	-.021	-.212	.35179	.000	1
S2	1.2500	1.2629	.013	1.03	.04476	.000	1

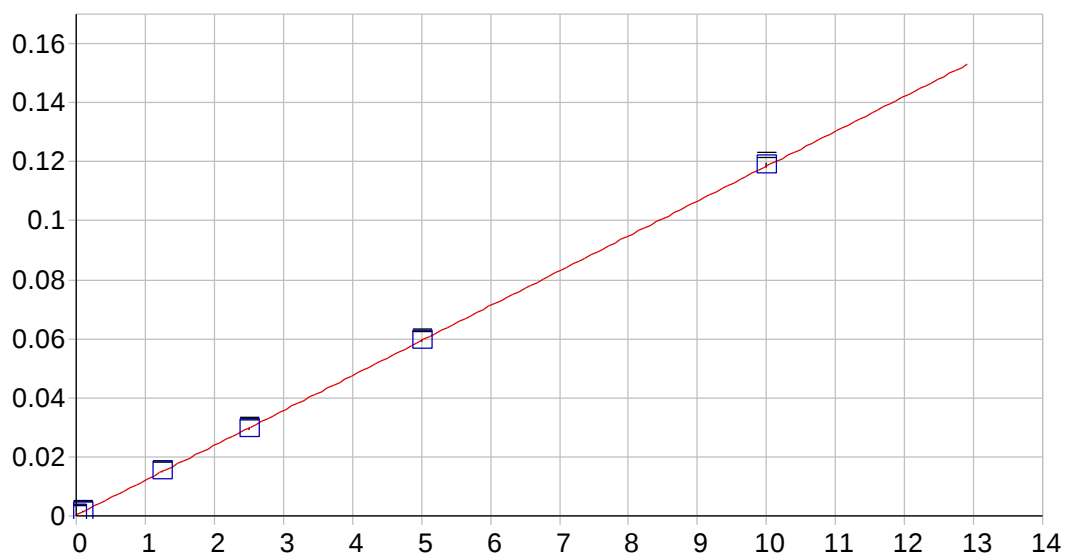


S 182.034 {485}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000174	Re-Slope: 1.000000
A1 (Gain):	0.044849	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.998506	Status: OK.
Std Error of Est:	0.000130	
Predicted MDL:	0.003236	
Predicted MQL:	0.010786	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00018	.000	1
S1	.10000	.08227	-.018	-17.7	.00386	.000	1
S3	2.5000	2.3033	-.197	-7.87	.10347	.000	1
S4	5.0000	4.8993	-.101	-2.01	.21990	.000	1
S5	10.000	10.453	.453	4.53	.46899	.001	1
S2	1.2500	1.1120	-.138	-11.0	.05005	.000	1

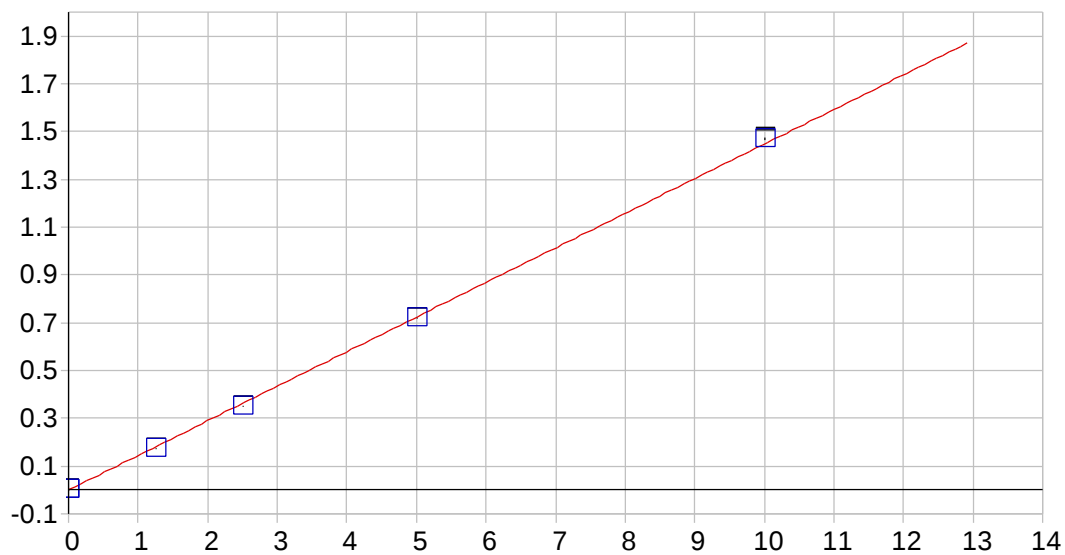


Si 288.158 {117}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000219 Re-Slope: 1.000000
 A1 (Gain): 0.011825 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.028169
 Predicted MQL: 0.093897

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00022	.000	1
S1	.10000	.09441	-.006	-5.59	.00133	.000	1
S3	2.5000	2.4620	-.038	-1.52	.02933	.000	1
S4	5.0000	5.0077	.008	.154	.05944	.000	1
S5	10.000	10.033	.033	.334	.11887	.001	1
S2	1.2500	1.2526	.003	.205	.01503	.000	1



Sn 189.989 {477}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000079

Re-Slope: 1.000000

A1 (Gain): 0.144772

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999863

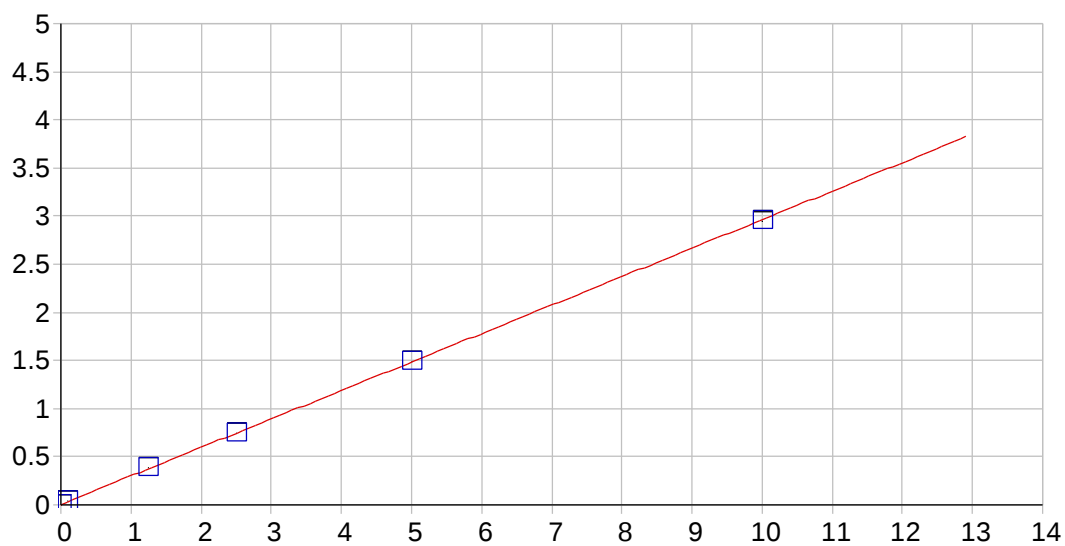
Status: OK.

Std Error of Est: 0.000034

Predicted MDL: 0.001001

Predicted MQL: 0.003336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.00700	.00634	-.001	-9.45	.00084	.000	1
S3	2.5000	2.4310	-.069	-2.76	.35187	.000	1
S4	5.0000	4.9706	-.029	-.588	.71952	.000	1
S5	10.000	10.137	.137	1.37	1.4674	.005	1
S2	1.2500	1.2123	-.038	-3.02	.17543	.000	1



Ti 336.121 {100}

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005044

Re-Slope: 1.000000

A1 (Gain): 0.295802

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999985

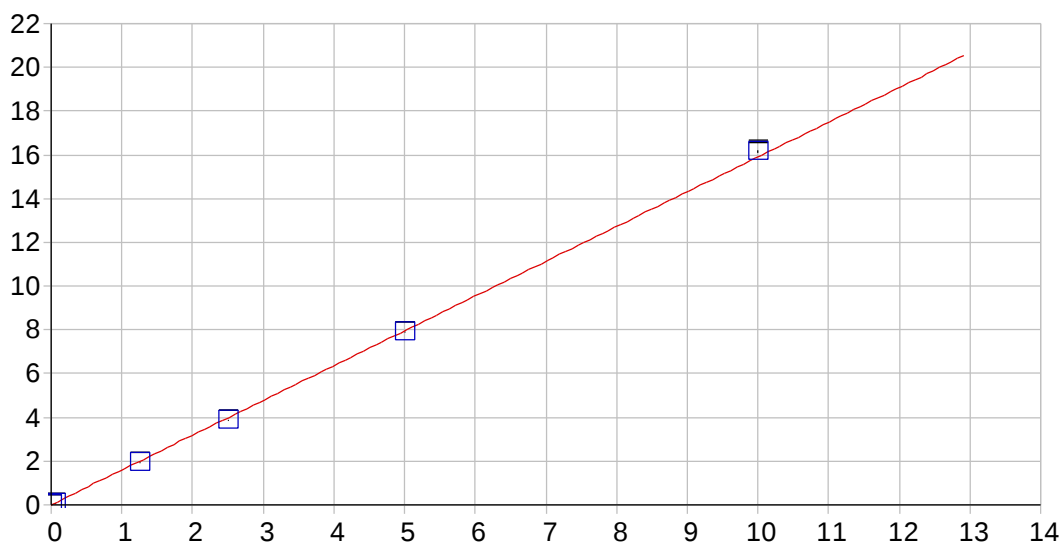
Status: OK.

Std Error of Est: 0.000086

Predicted MDL: 0.001834

Predicted MQL: 0.006113

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00504	.000	1
S1	.10000	.09940	-.001	-.597	.03445	.000	1
S3	2.5000	2.5105	.010	.419	.74765	.003	1
S4	5.0000	5.0116	.012	.232	1.4875	.005	1
S5	10.000	9.9587	-.041	-.413	2.9508	.007	1
S2	1.2500	1.2698	.020	1.59	.38067	.001	1



Li 670.784 { 50 }

Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004571

Re-Slope: 1.000000

A1 (Gain): 1.589834

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999850

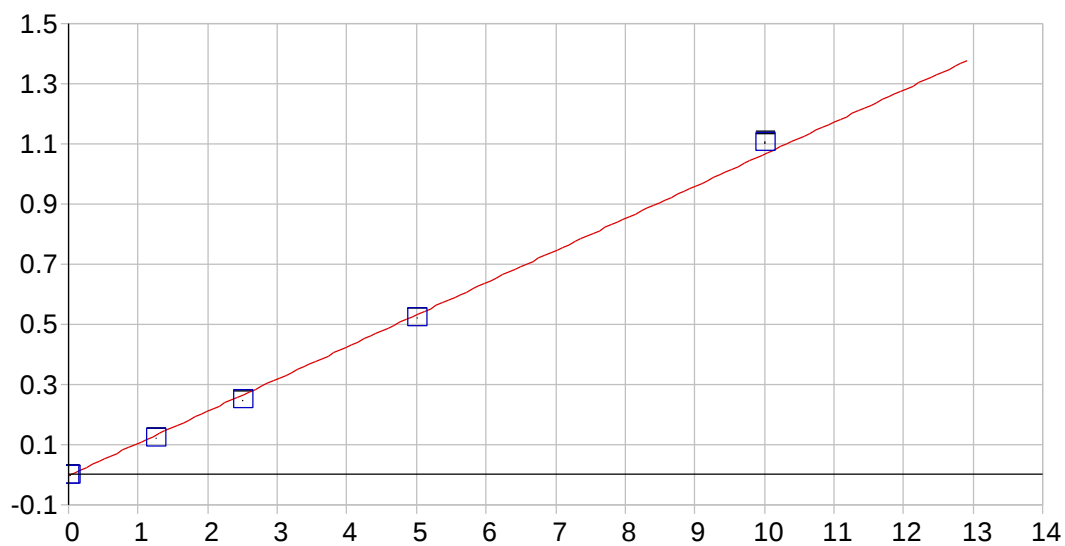
Status: OK.

Std Error of Est: 0.001033

Predicted MDL: 0.001546

Predicted MQL: 0.005152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00458	.001	1
S1	.05000	.04988	.000	-.239	.08387	.001	1
S3	2.5000	2.4313	-.069	-2.75	3.8700	.005	1
S4	5.0000	4.9491	-.051	-1.02	7.8728	.002	1
S5	10.000	10.153	.153	1.53	16.146	.034	1
S2	1.2500	1.2167	-.033	-2.66	1.9390	.004	1

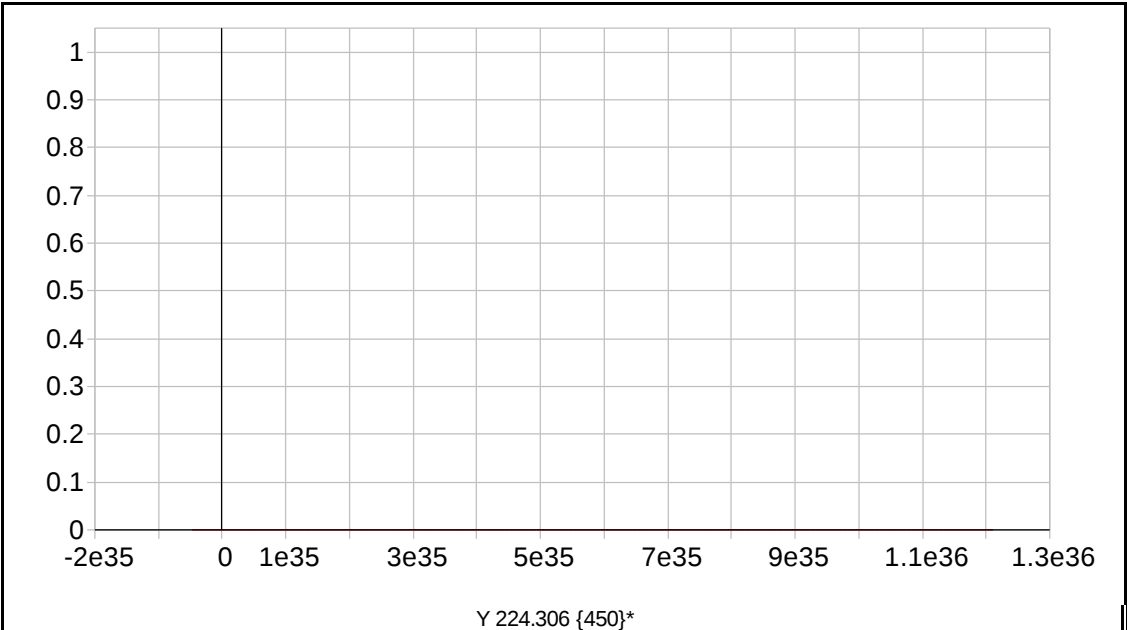


P 177.495 {490}

Date of Fit: 1/17/2018 15:59:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002285 Re-Slope: 1.000000
 A1 (Gain): 0.106774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999065 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001578
 Predicted MQL: 0.005262

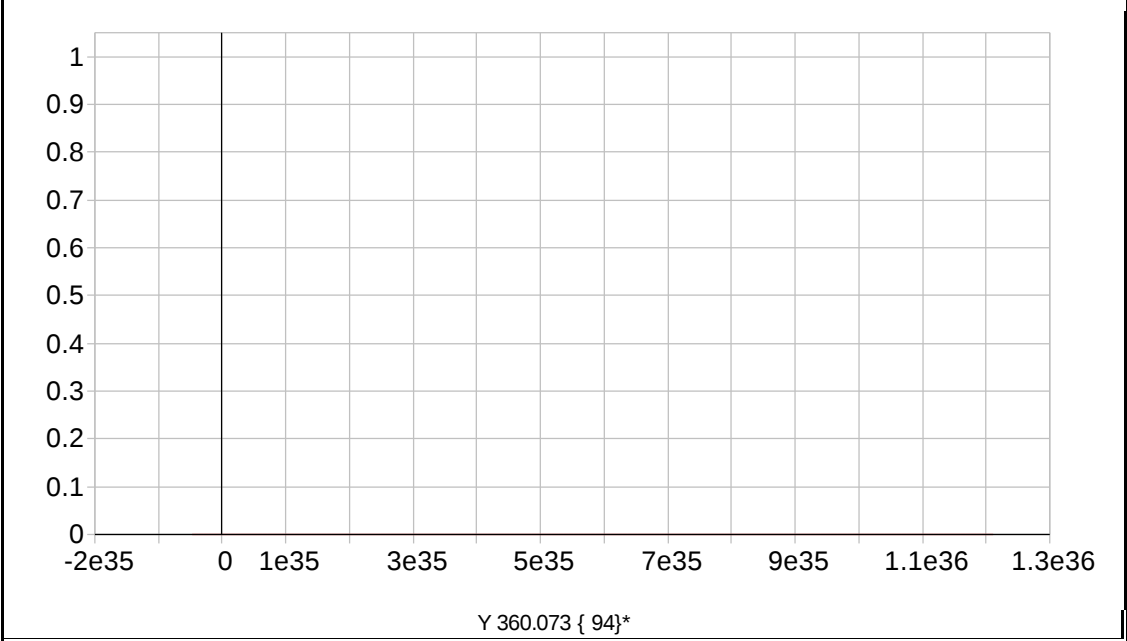
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00229	.000	1
S1	.01000	.01157	.002	15.7	-.00105	.000	1
S3	2.5000	2.3356	-.164	-6.58	.24709	.000	1
S4	5.0000	4.9064	-.094	-1.87	.52159	.000	1
S5	10.000	10.363	.363	3.63	1.1042	.004	1
S2	1.2500	1.1432	-.107	-8.54	.11978	.001	1



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
-----------	--------------	-------------	------------	---------	-------	---------	----------



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

Status: Warning Zero Gain

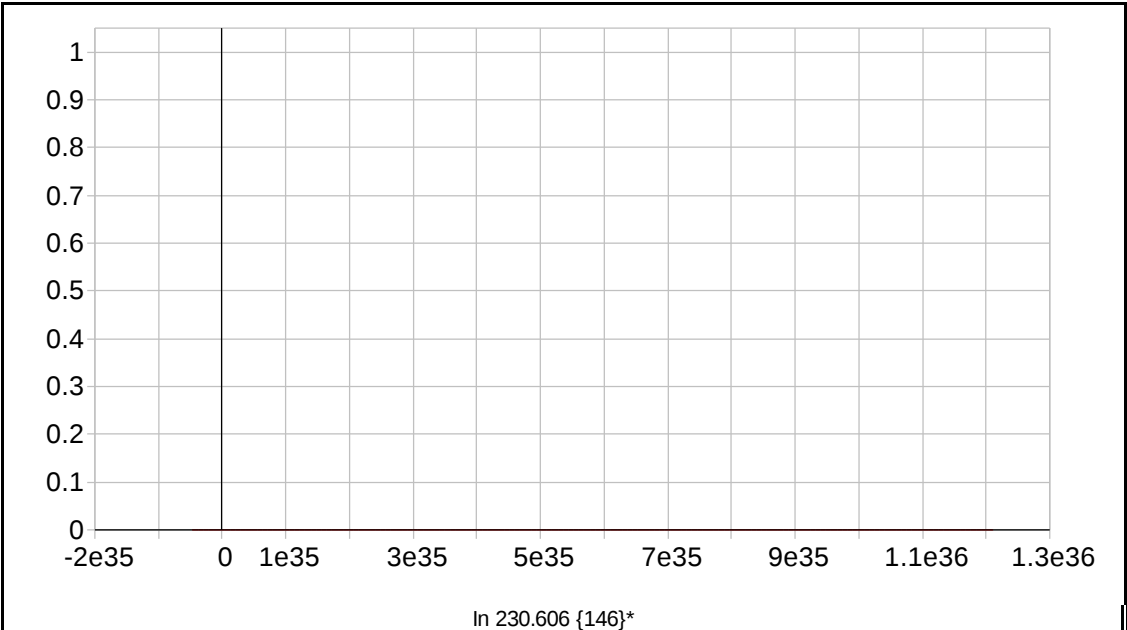
The figure shows a blank coordinate system. The horizontal axis (x-axis) is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The vertical axis (y-axis) is labeled with values: 0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.

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

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

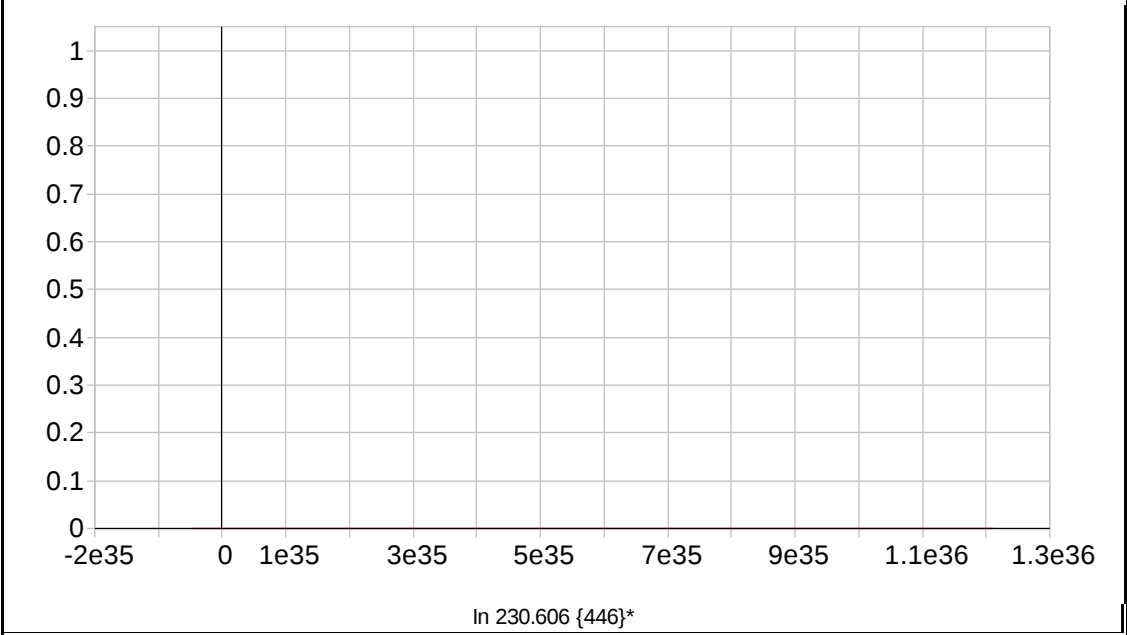
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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

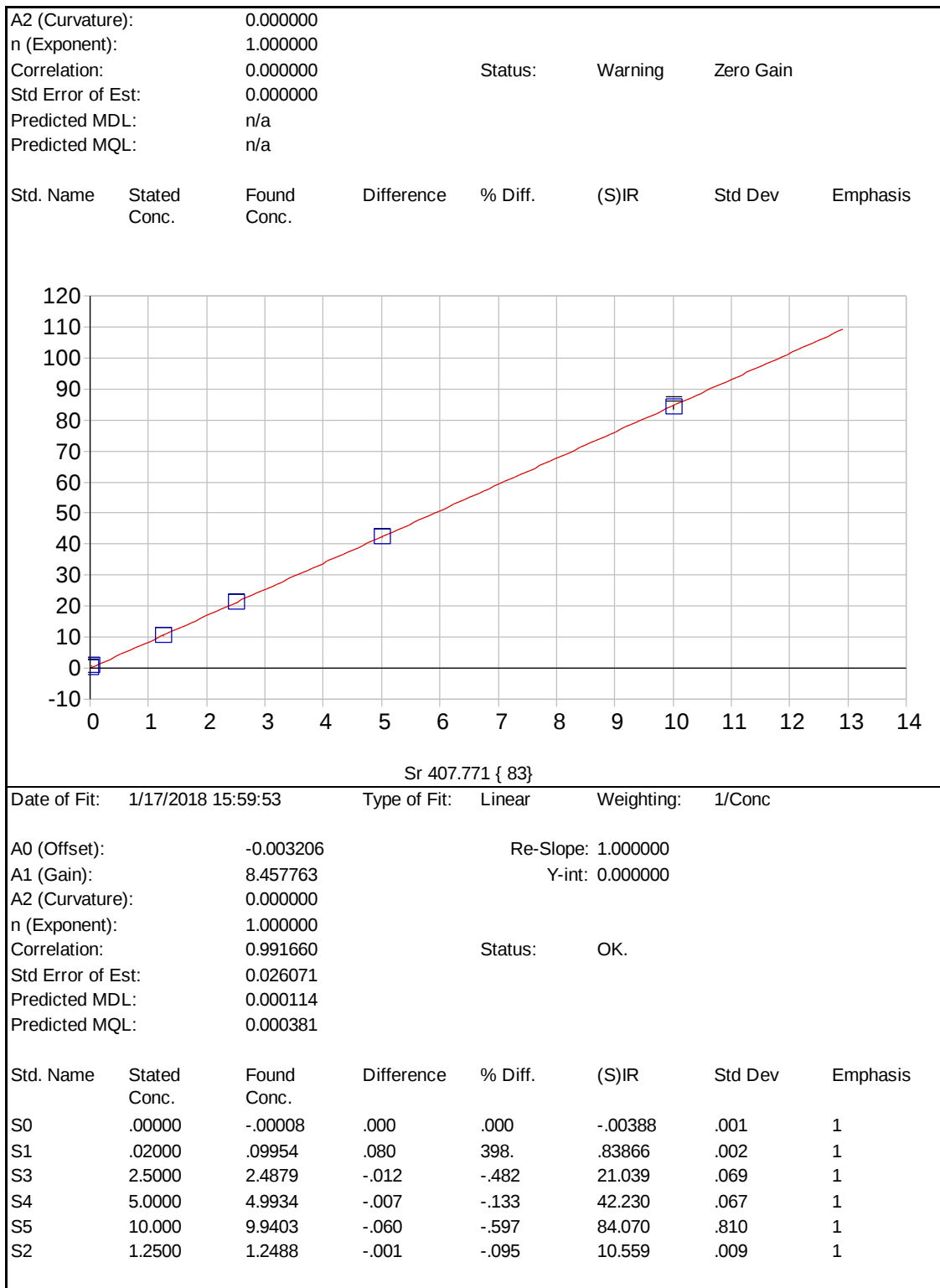
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

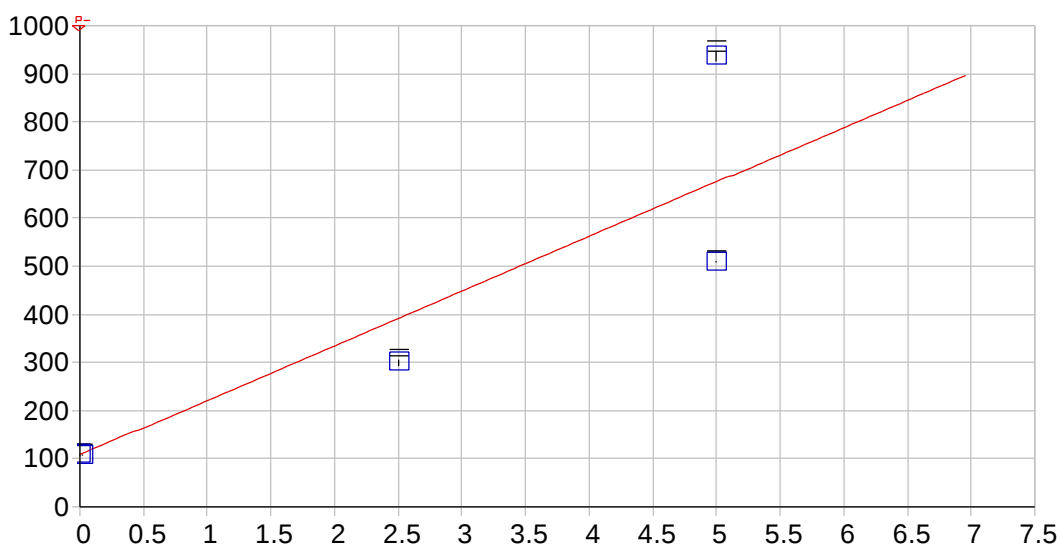
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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





Date of Fit: 1/17/2018 15:59:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 107.962631

Re-Slope: 1.000000

A1 (Gain): 113.410265

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.935146

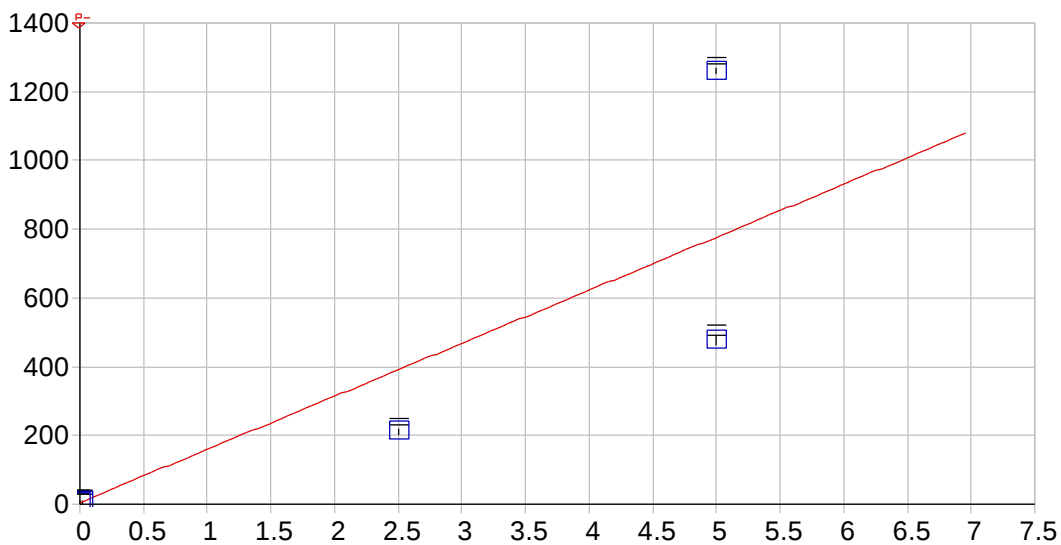
Status: OK.

Std Error of Est: 0.877228

Predicted MDL: 0.058637

Predicted MQL: 0.195455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	107.97	1.02	1
S1	.02000	-.00955	-.030	-148.	106.88	1.32	1
S3	2.5000	1.6904	-.810	-32.4	299.67	6.51	1
S4	5.0000	3.5351	-1.46	-29.3	508.88	.927	1
S5	5.0000	7.3040	2.30	46.1	936.31	10.5	1



U 385.958 { 87}							
Date of Fit:		1/17/2018 15:59:53		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		5.401665		Re-Slope: 1.000000			
A1 (Gain):		154.277588		Y-int: 0.000000			
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.890574		Status:	OK.		
Std Error of Est:		1.608810					
Predicted MDL:		0.061517					
Predicted MQL:		0.205057					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	5.4039	5.32	1
S1	.02000	.01025	-.010	-48.8	6.9827	5.12	1
S3	2.5000	1.3293	-1.17	-46.8	210.49	8.47	1
S4	5.0000	3.0538	-1.95	-38.9	476.54	14.2	1
S5	5.0000	8.1266	3.13	62.5	1259.2	9.12	1

Sample Name: S0 Acquired: 1/17/2018 11:53:45 Type: Cal
Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00002	.00002	.00021	.00017	.00026	.00002	.03120	.00004
Stddev	.00006	.00015	.00019	.00007	.00016	.00003	.00279	.00002
%RSD	297.60	617.82	91.223	40.052	60.648	124.75	8.9468	42.434

#1	-.00003	.00019	-.00018	.00024	.00042	-.00003	.02800	.00004
#2	.00000	-.00009	-.00004	.00017	.00023	-.00004	.03248	.00005
#3	.00008	-.00003	-.00041	.00010	.00011	.00001	.03312	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00032	.00057	.00004	.00089	.00012	.02099	.00005	.00005
Stddev	.00042	.00101	.00001	.00026	.00013	.01882	.00002	.00017
%RSD	130.12	177.23	36.133	29.082	105.53	89.643	35.608	359.24

#1	.00004	-.00036	.00003	.00062	-.00003	.01818	.00005	-.00001
#2	-.00078	.00043	.00003	.00091	-.00027	.04106	.00003	-.00009
#3	-.00023	.00165	.00005	.00114	-.00007	.00374	.00007	.00024

Elem	Ni2316	Ag3280	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00028	.00003	.03205	.00015	.11901	.00142	.00055	.00028
Stddev	.00016	.00010	.00293	.00005	.00957	.00286	.00024	.00049
%RSD	58.544	296.83	9.1301	33.251	8.0432	201.31	42.939	176.04

#1	-.00031	.00008	.02912	-.00019	.11690	.00119	.00073	.00012
#2	-.00043	-.00007	.03498	-.00009	.12947	.00438	.00065	-.00011
#3	-.00010	-.00011	.03204	-.00017	.11067	-.00132	.00028	.00082

Elem	S_ 1820	Si2881	Sn1899	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00018	.00022	.00008	.00504	.00458	.0023	.00388	107.97
Stddev	.00001	.00015	.00006	.00045	.00105	.0001	.00082	1.02
%RSD	6.9381	67.049	72.880	8.8891	22.984	5.670	21.223	.94731

#1	.00016	.00027	-.00013	.00546	.00463	-.0024	-.00354	107.10
#2	.00018	.00005	-.00009	.00457	.00350	-.0023	-.00481	107.70
#3	.00018	.00033	-.00002	.00511	.00560	-.0021	-.00327	109.09

Sample Name: S0 Acquired: 1/17/2018 11:53:45 Type: Cal
 Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	U_ 3859
Units	Cts/S
Avg	5.4039
Stddev	5.3229
%RSD	98.502

#1	7.8234
#2	-.69902
#3	9.0873

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.8	50987.	4269.8	33.783	2864.9
Stddev	8.4	129.	11.7	.420	5.5
%RSD	.33395	.25366	.27436	.65788	.19081

#1	2502.3	51117.	4282.5	64.055	2859.0
#2	2518.4	50858.	4267.3	63.300	2869.7
#3	2514.5	50985.	4259.5	63.995	2865.9

Sample Name: S1 Acquired: 1/17/2018 11:58:36 Type: Cal
Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: S01 Custom ID2:
Comment:

Custom ID3:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00072	.00252	.00219	.00279	.00986	.00156	.90439	.00393	.01643
Stddev	.00008	.00026	.00021	.00014	.00030	.00005	.00465	.00006	.00019
%RSD	10.528	10.221	9.4312	5.1071	2.9912	3.3447	.51435	1.5067	1.1406
#1	.00073	.00282	.00195	.00263	.00967	.00161	.90668	.00388	.01648
#2	.00065	.00237	.00230	.00282	.01020	.00157	.89903	.00399	.01659
#3	.00080	.00237	.00232	.00291	.00972	.00151	.90744	.00392	.01622
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.26093	.00133	.05717	.01892	.13550	.01637	.05399	.02429	.00150
Stddev	.00090	.00005	.00025	.00014	.02309	.00008	.00038	.00039	.00006
%RSD	.34492	3.5375	.43685	.72800	17.043	.47337	.69795	1.6173	4.0664
#1	.26021	.00136	.05724	.01879	.14068	.01629	.05356	.02474	.00151
#2	.26064	.00127	.05738	.01907	.11025	.01640	.05421	.02412	.00154
#3	.26194	.00135	.05689	.01889	.15555	.01643	.05421	.02401	.00143
Elem	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1134	.00686	7.2292	.33420	.00742	.00066	.00386	.00133	.00084
Stddev	.0003	.00003	.0838	.00175	.00007	.00016	.00006	.00024	.00009
%RSD	.02739	.39730	1.1590	.52403	.88630	24.535	1.6558	17.883	10.739
#1	1.1137	.00689	7.2280	.33313	.00736	.00075	.00385	.00116	.00084
#2	1.1133	.00685	7.1460	.33622	.00749	.00048	.00393	.00124	.00093
#3	1.1132	.00684	7.3135	.33324	.00741	.00077	.00381	.00161	.00075
Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.03445	.08387	.0011	.83866	106.88	3.9827			
Stddev	.00047	.00113	.0001	.00194	1.32	5.1234			
%RSD	1.3762	1.3464	6.134	.23182	1.2380	73.373			
#1	.03407	.08268	-.0011	.83721	107.45	1.3481			
#2	.03429	.08492	-.0010	.83790	107.82	11.361			
#3	.03498	.08402	-.0011	.84087	105.37	8.2385			

Sample Name: S1 Acquired: 1/17/2018 11:58:36 Type: Cal
 Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S01 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.8	50594.	4201.4	63.615	2851.1
Stddev	3.4	87.	20.7	.637	6.0
%RSD	.13448	.17154	.49167	1.0014	.20875
#1	2505.7	50525.	4220.0	63.582	2845.9
#2	2504.1	50565.	4205.1	64.268	2849.9
#3	2510.6	50691.	4179.1	62.995	2857.6

Sample Name: S2 Acquired: 1/17/2018 12:03:30 Type: Cal
Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06937	.13887	1.3623	.09283	.20883	.30005	10.521	.09373	2.0526
Stddev	.00011	.00024	.0017	.00031	.00025	.00115	.019	.00018	.0028
%RSD	.16123	.17422	.12107	.33334	.11959	.38388	.18473	.18749	.13553
#1	.06926	.13881	1.3606	.09264	.20903	.30123	10.533	.09393	2.0529
#2	.06948	.13913	1.3639	.09318	.20892	.29893	10.531	.09363	2.0553
#3	.06937	.13866	1.3624	.09265	.20855	.29998	10.498	.09362	2.0497
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0697	.47232	.71348	2.6940	42.112	3.7985	.64032	.37722	.05428
Stddev	.0049	.00117	.00013	.0038	1.912	.0073	.00467	.00045	.00010
%RSD	.15787	.24736	.01783	.14267	4.5413	.19259	.72887	.12038	.18670
#1	3.0644	.47337	.71334	2.6919	44.320	3.8012	.63539	.37685	.05425
#2	3.0710	.47254	.71355	2.6985	41.060	3.8041	.64092	.37708	.05439
#3	3.0738	.47106	.71357	2.6917	40.957	3.7903	.64466	.37772	.05419
Elem	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.9195	.08325	421.72	2.4273	.89390	.04476	.05005	.01503	.17543
Stddev	.0078	.00038	18.34	.0110	.00230	.00022	.00020	.00019	.00030
%RSD	.09906	.45429	4.3487	.45180	.25678	.49757	.39912	1.2498	.16896
#1	7.9147	.08329	442.84	2.4199	.89285	.04501	.05003	.01492	.17556
#2	7.9286	.08361	412.43	2.4399	.89653	.04469	.04986	.01492	.17564
#3	7.9153	.08285	409.88	2.4221	.89231	.04459	.05025	.01525	.17509
Elem	Ti3361	Li6707	P_ 1774	Sr4077					
Units	Cts/S	Cts/S	Cts/S	Cts/S					
Avg	.38067	1.9390	.1198	10.559					
Stddev	.00146	.0038	.0005	.009					
%RSD	.38300	.19400	.4190	.08919					
#1	.38196	1.9389	.1203	10.562					
#2	.37909	1.9428	.1198	10.566					
#3	.38095	1.9353	.1193	10.548					

Sample Name: S2 Acquired: 1/17/2018 12:03:30 Type: Cal
 Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.5	48392.	4212.5	51.160	2587.1
Stddev	4.1	132.	13.2	2.699	6.2
%RSD	.17196	.27218	.31407	4.4123	.23997
#1	2366.5	48240.	4221.9	58.056	2581.5
#2	2367.9	48479.	4197.4	62.474	2586.1
#3	2374.1	48457.	4218.2	62.950	2593.8

Sample Name: S3 Acquired: 1/17/2018 12:08:02 Type: Cal
Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: S03 Custom ID2:
Comment:

Custom ID3:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13993	.27496	2.7141	.18541	.42035	.60474	20.913	.18963	4.1019
Stddev	.00060	.00051	.0008	.00091	.00052	.00082	.059	.00027	.0023
%RSD	.43186	.18417	.02829	.48814	.12336	.13491	.27982	.14196	.05580
#1	.14050	.27448	2.7133	.18595	.42079	.60566	20.909	.18994	4.1027
#2	.13998	.27549	2.7149	.18591	.42047	.60412	20.974	.18948	4.1037
#3	.13929	.27491	2.7142	.18436	.41978	.60443	20.857	.18948	4.0993
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0261	.94007	1.4320	5.3280	31.855	7.3396	1.2682	.75543	.10964
Stddev	.0255	.00145	.0010	.0064	1.774	.0398	.0017	.00132	.00030
%RSD	.42334	.15426	.06668	.11985	2.1666	.54250	.13592	.17417	.27404
#1	6.0037	.93903	1.4328	5.3352	79.808	7.3738	1.2663	.75395	.10971
#2	6.0539	.94173	1.4321	5.3255	82.932	7.3490	1.2688	.75588	.10989
#3	6.0207	.93946	1.4309	5.3232	82.824	7.2959	1.2696	.75646	.10931
Elem	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.920	.16486	798.83	4.8402	1.7773	.08818	.10347	.02933	.35187
Stddev	.045	.00023	13.79	.0065	.0015	.00015	.00007	.00040	.00037
%RSD	.27992	.14200	1.7264	.13350	.08416	.16566	.07218	1.3779	.10451
#1	15.877	.16492	783.06	4.8345	1.7771	.08820	.10339	.02975	.35191
#2	15.966	.16506	808.63	4.8472	1.7789	.08832	.10353	.02894	.35221
#3	15.917	.16460	804.80	4.8387	1.7759	.08803	.10350	.02931	.35148
Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.74765	3.8700	.2471	21.039	299.67	210.49			
Stddev	.00315	.0049	.0003	.069	6.51	8.47			
%RSD	.42156	.12584	.1313	.32886	2.1719	4.0243			
#1	.74643	3.8733	.2468	21.018	304.64	203.92			
#2	.75123	3.8722	.2470	21.116	292.31	220.05			
#3	.74530	3.8644	.2475	20.983	302.07	207.50			

Sample Name: S3 Acquired: 1/17/2018 12:08:02 Type: Cal
 Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.0	47106.	4177.2	51.117	2449.9
Stddev	2.0	198.	19.2	1.065	1.0
%RSD	.08962	.42025	.45875	1.7418	.04272
#1	2276.7	46947.	4167.6	62.341	2450.1
#2	2280.2	47042.	4164.8	60.408	2450.8
#3	2280.3	47328.	4199.3	60.602	2448.8

Sample Name: S4 Acquired: 1/17/2018 12:12:43 Type: Cal
Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: S04 Custom ID2:
Comment:

Custom ID3:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29115	.55060	5.5192	.38237	.87754	1.2555	12.234	.38526	3.3227
Stddev	.00120	.00051	.0058	.00242	.00292	.0019	.051	.00131	.0084
%RSD	.41157	.09209	.10441	.63350	.33264	.14733	.12192	.34058	.10132

#1	.29253	.55046	5.5257	.38517	.88084	1.2568	42.292	.38601	8.3222
#2	.29051	.55017	5.5147	.38086	.87651	1.2534	42.195	.38374	8.3146
#3	.29040	.55116	5.5171	.38109	.87528	1.2562	42.215	.38602	8.3314

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.968	1.8581	2.9108	10.773	169.19	14.217	2.5495	1.5310	.22457
Stddev	.032	.0052	.0021	.017	1.82	.043	.0104	.0020	.00099
%RSD	.26928	.28225	.07034	.15791	1.0779	.30129	.40866	.12864	.44276

#1	11.999	1.8627	2.9104	10.791	171.29	14.229	2.5532	1.5290	.22527
#2	11.935	1.8524	2.9089	10.772	168.03	14.169	2.5377	1.5310	.22343
#3	11.970	1.8592	2.9130	10.757	168.24	14.252	2.5576	1.5329	.22501

Elem	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	32.331	.32748	1585.9	9.8592	3.6132	.17682	.21990	.05944	.71952
Stddev	.069	.00074	18.0	.0256	.0107	.00012	.00046	.00035	.00048
%RSD	.21427	.22528	1.1358	.25971	.29757	.06927	.21125	.59423	.06713

#1	32.410	.32699	1606.3	9.8711	3.6255	.17694	.21977	.05906	.72007
#2	32.281	.32712	1572.3	9.8298	3.6084	.17669	.21952	.05948	.71934
#3	32.302	.32833	1578.9	9.8767	3.6057	.17684	.22042	.05977	.71916

Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	1.4875	7.8728	.5216	42.230	508.88	476.54			
Stddev	.0048	.0019	.0005	.067	.93	14.22			
%RSD	.32102	.02448	.0950	.15973	.18221	2.9838			

#1	1.4919	7.8747	.5211	42.306	508.09	469.16			
#2	1.4824	7.8730	.5221	42.179	509.90	492.93			
#3	1.4882	7.8708	.5217	42.204	508.65	467.52			

Sample Name: S4 Acquired: 1/17/2018 12:12:43 Type: Cal
 Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.2	45366.	4117.1	56.874	2268.6
Stddev	5.5	91.	11.4	.632	2.9
%RSD	.25819	.20044	.27663	1.1118	.12589
#1	2129.8	45344.	4114.1	56.163	2268.3
#2	2139.1	45465.	4129.6	57.373	2271.6
#3	2139.6	45287.	4107.4	57.086	2265.9

Sample Name: S5 Acquired: 1/17/2018 12:17:17 Type: Cal
Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.61916	1.1081	11.290	.80708	1.8745	2.6083	34.923	.79311	16.999
Stddev	.00050	.0033	.030	.00210	.0017	.0147	.404	.00203	.043
%RSD	.08056	.30032	.26408	.26038	.08934	.56333	.47598	.25626	.25256
#1	.61950	1.1097	11.294	.80942	1.8735	2.5963	85.281	.79091	16.999
#2	.61859	1.1104	11.318	.80535	1.8735	2.6247	84.485	.79491	17.041
#3	.61939	1.1043	11.258	.80647	1.8764	2.6040	85.003	.79353	16.956
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.742	3.6420	5.9720	22.174	353.54	26.336	5.1187	3.1197	47135
Stddev	.064	.0129	.0138	.027	11.75	.056	.0034	.0053	.00047
%RSD	.26999	.35509	.23029	.12170	3.3248	.21192	.06578	.17165	.10002
#1	23.807	3.6273	5.9728	22.165	348.90	26.298	5.1225	3.1225	.47081
#2	23.741	3.6516	5.9853	22.153	344.81	26.400	5.1165	3.1231	.47167
#3	23.679	3.6470	5.9578	22.204	366.90	26.310	5.1170	3.1135	.47157
Elem	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	35.507	.65229	2994.5	20.129	7.4996	.35179	.46899	.11887	1.4674
Stddev	.661	.00175	98.6	.037	.0052	.00047	.00132	.00099	.0051
%RSD	1.0092	.26767	3.2925	.18233	.06896	.13467	.28180	.83708	.34783
#1	66.091	.65045	2979.6	20.171	7.5017	.35127	.47001	.11900	1.4669
#2	64.789	.65393	2904.2	20.113	7.4937	.35189	.46946	.11781	1.4728
#3	65.642	.65249	3099.7	20.103	7.5034	.35220	.46750	.11978	1.4626
Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	2.9508	16.146	1.104	34.070	936.31	1259.2			
Stddev	.0072	.034	.004	.810	10.51	9.1			
%RSD	.24532	.20797	.3521	.96346	1.1221	.72452			
#1	2.9574	16.185	1.107	83.363	933.84	1268.6			
#2	2.9520	16.130	1.106	83.893	947.83	1258.4			
#3	2.9431	16.124	1.100	84.954	927.26	1250.4			

Sample Name: S5 Acquired: 1/17/2018 12:17:17 Type: Cal
Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.4	43104.	4013.8	51.765	2042.0
Stddev	3.5	110.	20.5	1.715	6.5
%RSD	.18254	.25553	.51183	3.3128	.32002
#1	1931.1	43161.	3990.2	52.073	2046.1
#2	1926.9	42977.	4027.1	53.305	2034.5
#3	1924.1	43175.	4024.3	49.917	2045.5

Sample Name: S6 Acquired: 1/17/2018 12:22:24 Type: Cal
 Method: P5-ISM02.4(v12) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2404	Mg2790	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9821	35.282	345.11	7.6347	166.60
Stddev	.1728	4.348	110.46	.9294	18.03
%RSD	2.4748	12.324	13.071	12.173	10.822

#1	7.1113	37.726	933.68	8.1431	177.22
#2	7.0492	37.859	880.30	8.1990	176.80
#3	6.7858	30.262	721.34	6.5621	145.79

Int. Std.	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S
Avg	40858.	4242.9	57.241
Stddev	285.	490.5	6.998
%RSD	.69865	11.561	12.225

#1	40554.	3962.0	51.616
#2	40899.	3957.3	55.030
#3	41120.	4809.3	65.077

Sample Name: ICV Acquired: 1/17/2018 13:19:29 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93376	1.0511	.94969	.94855	.90768	2.6066	.50663	.45831
Stddev	.00534	.0053	.00467	.00294	.00210	.0027	.00094	.00074
%RSD	.57201	.50669	.49223	.31025	.23125	.10288	.18469	.16064

#1	.93680	1.0548	.95456	.95144	.90917	2.6060	.50576	.45815
#2	.92759	1.0450	.94523	.94556	.90528	2.6042	.50651	.45911
#3	.93688	1.0535	.94929	.94864	.90859	2.6095	.50762	.45766

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48630	10.273	.51285	.49278	.50738	5.4053	.51400	3.4094
Stddev	.00034	.066	.00413	.00027	.00110	.0705	.00094	.0739
%RSD	.06941	.64316	.80468	.05545	.21649	1.3040	.18193	1.1523

#1	.48648	10.199	.51144	.49303	.50784	5.3555	.51384	6.3259
#2	.48651	10.327	.51750	.49280	.50818	5.4859	.51500	6.4361
#3	.48591	10.291	.50961	.49249	.50613	5.3743	.51315	6.4662

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50159	.46202	10.185	.50686	.98229	3.7523	F 5.3266	F 1.9987
Stddev	.00093	.00101	.029	.00148	.01156	.0585	.0046	.0170
%RSD	.18568	.21795	.28942	.29182	1.1769	.60038	.08721	.33945

#1	.50114	.46087	10.167	.50738	.97352	9.7630	5.3307	5.0179
#2	.50097	.46276	10.219	.50800	.99539	9.6892	5.3274	4.9924
#3	.50266	.46242	10.169	.50519	.97794	9.8048	5.3216	4.9858

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.5533	F 5.0662	F 5.2713	F 1.9181	F 1.9333	F 1.838	F 1.8613	F .02212
Stddev	.0084	.0241	.0103	.0104	.0027	.015	.0025	.01979
%RSD	.18427	.47565	.19484	.21231	.05562	.3007	.05232	89.464

#1	4.5630	5.0940	5.2804	4.9061	4.9303	4.854	4.8592	.01338
#2	4.5482	5.0518	5.2601	4.9244	4.9356	4.836	4.8641	.04478
#3	4.5487	5.0527	5.2734	4.9239	4.9339	4.825	4.8605	.00821

Sample Name: ICV Acquired: 1/17/2018 13:19:29 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F.14213
Stddev	.01439
%RSD	10.128

#1	.12561
#2	.15200
#3	.14877

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.1	49530.	4658.7	70.513	2708.7
Stddev	7.0	77.	10.3	.731	8.1
%RSD	.28906	.15579	.22070	1.0363	.30064

#1	2427.5	49458.	4649.6	71.048	2699.6
#2	2436.6	49520.	4656.6	69.681	2710.9
#3	2441.3	49611.	4669.9	70.811	2715.4

Sample Name: ICB Acquired: 1/17/2018 13:23:57 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE 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	.00170	.00025	.00079	.00132	.00015	.00628	.00007
Stddev	.00140	.00042	.00134	.00162	.00201	.00889	.00086
%RSD	82.489	165.37	170.34	122.78	1320.9	141.40	1249.7

#1	.00271	-.00073	.00093	.00111	.00157	-.00627	-.00049
#2	.00010	.00002	.00205	.00304	.00033	.00260	-.00064
#3	.00228	-.00004	-.00062	-.00019	-.00236	-.01518	.00092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	.00811	.00002	.00011	.00023	.00753
Stddev	.00002	.00004	.00229	.00031	.00012	.00090	.00843
%RSD	74.447	99.978	28.257	1447.0	109.17	389.49	111.92

#1	.00004	.00000	-.01021	-.00031	-.00002	.00000	-.01159
#2	.00002	.00005	-.00567	-.00006	-.00026	-.00053	.00216
#3	.00001	.00008	-.00845	.00031	-.00006	.00123	-.01316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.02338	.00022	.00030	.02035	.00027	.00043
Stddev	.00005	.01427	.00061	.00045	.00670	.00000	.00002
%RSD	108.14	61.043	271.94	149.43	32.942	1.0148	4.2481

#1	.00008	-.01900	-.00003	-.00010	-.02590	.00027	-.00043
#2	.00007	-.03932	-.00090	.00022	-.02225	.00027	-.00045
#3	-.00001	-.01181	.00027	.00079	-.01290	.00027	-.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04413	.00145	.00280	.00337	.01106	.00071	.00144
Stddev	.04526	.00042	.00110	.00143	.00597	.00124	.00163
%RSD	102.57	29.198	39.243	42.473	53.978	175.78	113.17

#1	-.00979	.00185	-.00406	-.00285	.01355	.00153	-.00305
#2	-.02717	.00149	-.00226	-.00499	.01539	-.00072	-.00145
#3	-.09543	.00100	-.00208	-.00227	.00425	.00131	.00020

Sample Name: ICB Acquired: 1/17/2018 13:23:57 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00142	.0000	.00018	F<.00000	F.02567
Stddev	.00038	.002	.00009	.02228	.02447
%RSD	26.368	18260.	52.257	157.82	95.353
#1	.00182	.0018	.00029	-.02440	-.00104
#2	.00107	-.0010	.00012	-.02941	.04703
#3	.00138	-.0008	.00013	.01145	.03101
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.1	50572.	4732.6	72.200	2852.4
Stddev	6.5	77.	10.4	2.166	7.8
%RSD	.26109	.15227	.21996	2.9997	.27308
#1	2498.8	50539.	4731.0	71.945	2851.7
#2	2504.6	50517.	4723.1	70.173	2845.0
#3	2511.8	50660.	4743.7	74.482	2860.5

Sample Name: CCV065 Acquired: 1/17/2018 13:28:49 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9239	5.0115	25.229	4.9253	5.1108	438.98	10.135	.51424
Stddev	.0056	.0240	.036	.0053	.0122	1.32	.016	.00148
%RSD	.11424	.47949	.14201	.10825	.23910	.29975	.15379	.28855

#1	4.9221	4.9988	25.201	4.9225	5.1169	440.14	10.139	.51407
#2	4.9302	5.0392	25.270	4.9315	5.1188	437.55	10.118	.51580
#3	4.9194	4.9965	25.217	4.9221	5.0967	439.25	10.149	.51284

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5752	412.88	15.693	2.5520	14.668	439.99	15.082	434.93
Stddev	.0058	.80	.053	.0067	.022	21.68	.042	.55
%RSD	.22577	.19420	.33503	.26420	.14839	4.9267	.27634	.12681

#1	2.5707	413.04	15.740	2.5474	14.663	447.82	15.064	434.32
#2	2.5818	413.59	15.703	2.5597	14.692	415.48	15.129	435.08
#3	2.5731	412.01	15.636	2.5488	14.650	456.66	15.052	435.40

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5724	1.2579	422.97	2.5196	13.692	151.82	4.9093	4.8620
Stddev	.0094	.0044	1.40	.0068	.650	.21	.0117	.0125
%RSD	.36611	.35105	.33136	.27149	4.7508	.13810	.23841	.25634

#1	2.5623	1.2599	421.93	2.5214	13.911	151.58	4.9138	4.8589
#2	2.5809	1.2610	422.42	2.5254	12.961	151.91	4.9182	4.8515
#3	2.5740	1.2529	424.56	2.5121	14.205	151.97	4.8960	4.8758

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1879	5.0702	5.1108	5.2284	5.1471	5.188	5.1023	F 3.7819
Stddev	.0047	.0161	.0070	.0206	.0089	.014	.0076	.0882
%RSD	.09128	.31722	.13677	.39465	.17220	.2759	.14829	1.0040

#1	5.1886	5.0780	5.1027	5.2286	5.1474	5.173	5.1021	8.7086
#2	5.1922	5.0517	5.1151	5.2077	5.1381	5.202	5.0948	8.8797
#3	5.1828	5.0808	5.1146	5.2490	5.1559	5.188	5.1099	8.7574

Sample Name: CCV065 Acquired: 1/17/2018 13:28:49 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCV065 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F12.613
Stddev	.080
%RSD	.63682

#1	12.525
#2	12.630
#3	12.683

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.2	43112.	4519.2	32.204	2076.1
Stddev	5.6	86.	10.9	2.969	5.7
%RSD	.27512	.19874	.24009	4.7725	.27553

#1	2040.1	43053.	4519.6	61.095	2077.1
#2	2041.8	43073.	4508.2	65.567	2070.0
#3	2050.6	43210.	4529.9	59.949	2081.3

Sample Name: CCB065 Acquired: 1/17/2018 13:33:36 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00039	.00162	-.00006	-.00082	.01240	-.00039
Stddev	.00112	.00068	.00134	.00074	.00109	.00788	.00046
%RSD	1266.3	173.37	82.843	1283.9	132.98	63.540	115.98

#1	.00051	-.00004	.00241	-.00047	-.00024	.01360	-.00019
#2	.00094	-.00118	.00236	-.00050	-.00014	.00399	-.00092
#3	-.00118	.00004	.00007	.00080	-.00207	.01961	-.00008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00002	.02133	.00051	-.00001	.00031	-.00284
Stddev	.00005	.00004	.00535	.00042	.00023	.00031	.00973
%RSD	75.421	168.43	25.085	83.576	1557.9	100.44	342.42

#1	-.00003	-.00001	.02593	.00024	-.00028	.00034	-.01403
#2	-.00013	.00001	.02261	.00029	.00008	-.00001	.00366
#3	-.00005	-.00007	.01546	.00100	.00015	.00061	.00185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00279	.00006	.00049	.03414	.00005	.00001
Stddev	.00002	.00448	.00037	.00028	.00612	.00074	.00002
%RSD	3.5400	160.36	656.37	56.868	17.933	1433.6	153.11

#1	.00050	.00228	.00032	.00049	.04072	.00054	.00000
#2	.00048	-.00448	-.00036	.00021	.02861	-.00080	.00000
#3	.00046	-.00619	.00020	.00077	.03310	.00042	.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00839	.00100	.00629	-.00252	-.00869	.00120	-.00127
Stddev	.04339	.00008	.00483	.00251	.02443	.00051	.00090
%RSD	517.08	8.3240	76.853	99.922	281.24	42.612	70.312

#1	.03709	.00106	.01013	-.00534	-.02055	.00063	-.00220
#2	.02962	.00104	.00787	-.00168	-.02492	.00161	-.00041
#3	-.04153	.00091	.00086	-.00053	.01941	.00137	-.00122

Sample Name: CCB065 Acquired: 1/17/2018 13:33:36 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCB065 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00252	.0002	.00021	F<.00000	F.02313
Stddev	.00103	.0011	.00006	.04216	.04072
%RSD	40.923	662.6	26.821	163.39	176.10
#1	.00312	.0010	.00027	-.06732	-.02080
#2	.00310	.0006	.00021	-.02706	.03055
#3	.00133	-.0011	.00015	.01697	.05962
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.0	50809.	4789.6	71.605	2855.8
Stddev	11.5	186.	26.4	1.085	9.6
%RSD	.45848	.36563	.55100	1.5157	.33487
#1	2491.6	51021.	4759.9	70.550	2849.4
#2	2503.0	50675.	4810.5	72.718	2851.2
#3	2514.5	50730.	4798.3	71.545	2866.8

Sample Name: FE 100PPM Acquired: 1/17/2018 13:44:07 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00873	.00768	.00159	.01273	.00305	.00957	.00026	.00008
Stddev	.00162	.00135	.00063	.00131	.00080	.00784	.00034	.00001
%RSD	18.606	17.545	39.450	10.318	26.082	81.933	130.20	17.453

#1	-.00735	-.00704	.00091	-.01361	.00219	-.01807	-.00022	.00007
#2	-.00831	-.00677	.00215	-.01122	.00376	-.00800	.00006	.00007
#3	-.01052	-.00923	.00171	-.01336	.00320	-.00263	-.00061	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00934	.14958	.00009	.00024	.01271	108.89	.00044	.00486
Stddev	.00014	.00361	.00064	.00017	.00015	1.72	.00009	.03310
%RSD	1.5297	2.4120	739.69	72.777	1.1928	1.5771	19.750	681.55

#1	.00949	.14553	.00030	.00004	.01286	107.50	-.00041	.00967
#2	.00921	.15077	-.00082	.00037	.01255	108.37	-.00037	-.04273
#3	.00932	.15245	.00026	.00029	.01273	110.81	-.00054	.01849

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.01280	.02838	.00133	.00896	.03071	.00136	.12996
Stddev	.00037	.00016	.00161	.00068	.00010	.01242	.00016	.00654
%RSD	369.00	1.2505	5.6873	50.863	1.1585	40.459	11.910	5.0360

#1	.00053	-.01264	-.02653	.00184	.00891	-.01653	-.00123	-.13579
#2	-.00013	-.01279	-.02919	.00159	.00890	-.03967	-.00154	-.13122
#3	-.00010	-.01296	-.02944	.00056	.00908	-.03593	-.00131	-.12288

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	.01033	.00042	.00013	.00007	.0002	.00001	2.0262
Stddev	.00217	.00149	.00042	.00176	.00089	.0006	.00008	.0464
%RSD	54.040	14.442	102.05	1375.6	1237.3	271.0	709.78	2.2909

#1	-.00210	-.00975	.00090	-.00215	.00088	.0004	-.00002	1.9749
#2	-.00358	-.00923	.00025	.00071	-.00088	-.0007	-.00008	2.0385
#3	-.00637	-.01203	.00010	.00106	.00021	-.0003	.00007	2.0652

Sample Name: FE 100PPM Acquired: 1/17/2018 13:44:07 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0154
Stddev	.0499
%RSD	2.4778

#1	1.9587
#2	2.0529
#3	2.0346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.0	49730.	4689.5	71.379	2759.3
Stddev	7.0	48.	15.6	.756	9.5
%RSD	.28427	.09722	.33358	1.0593	.34478

#1	2448.1	49678.	4676.0	71.846	2748.6
#2	2458.8	49739.	4706.6	71.784	2762.2
#3	2461.2	49773.	4685.9	70.507	2767.0

Sample Name: FE 250PPM Acquired: 1/17/2018 13:48:55 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02091	.01572	.00555	.02633	.00779	.00668	.00080	.00045
Stddev	.00262	.00038	.00177	.00195	.00161	.00311	.00080	.00008
%RSD	12.548	2.4239	31.957	7.4205	20.721	46.605	99.155	18.162

#1	-.02387	-.01544	.00675	-.02423	.00911	-.00342	.00129	.00049
#2	-.01889	-.01555	.00351	-.02809	.00599	-.00962	.00123	.00036
#3	-.01996	-.01615	.00638	-.02667	.00826	-.00700	-.00012	.00050

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02402	.36834	.00055	.00046	.03198	.274.20	.00115	.00475
Stddev	.00029	.01547	.00043	.00014	.00017	5.15	.00010	.03499
%RSD	1.2268	4.2000	78.279	30.080	.51856	1.8795	8.8476	736.05

#1	.02430	.38588	-.00106	.00033	.03179	270.17	-.00112	.03243
#2	.02404	.36250	-.00033	.00060	.03206	272.42	-.00126	-.00966
#3	.02372	.35664	-.00028	.00045	.03209	280.00	-.00106	-.03703

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.03381	.03802	.00361	.02319	.05719	.00289	.32378
Stddev	.00062	.00055	.01119	.00061	.00045	.03845	.00013	.00781
%RSD	119.28	1.6306	29.438	16.876	1.9545	67.228	4.3831	2.4130

#1	.00033	-.03319	-.02767	.00292	.02283	-.09964	-.00279	-.31878
#2	.00001	-.03426	-.04990	.00381	.02305	-.02470	-.00284	-.33278
#3	.00121	-.03397	-.03649	.00409	.02370	-.04724	-.00303	-.31977

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	.05132	.00172	.00073	.00072	.0035	.00005	5.1781
Stddev	.00095	.05295	.00027	.00209	.00143	.0008	.00001	.0536
%RSD	27.349	103.18	15.463	283.98	198.24	23.68	27.810	1.0346

#1	-.00454	.11242	.00155	-.00289	.00221	.0044	.00005	5.1164
#2	-.00314	.01883	.00203	-.00059	.00059	.0031	.00003	5.2122
#3	-.00273	.02271	.00159	.00127	-.00064	.0029	.00005	5.2058

Sample Name: FE 250PPM Acquired: 1/17/2018 13:48:55 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.1334
Stddev	.0447
%RSD	.62738

#1	7.0851
#2	7.1418
#3	7.1734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.0	48336.	4643.7	71.351	2700.8
Stddev	26.1	777.	35.2	1.043	28.9
%RSD	1.0647	1.6070	.75725	1.4618	1.0711

#1	2428.5	49063.	4616.1	72.111	2675.7
#2	2447.3	47518.	4631.8	71.779	2694.3
#3	2480.1	48426.	4683.3	70.162	2732.5

Sample Name: MG 250PPM Acquired: 1/17/2018 13:58:40 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00138	.00077	.00059	.00025	.00204	.00076	.00006
Stddev	.00074	.00152	.00130	.00189	.00211	.00604	.00016	.00005
%RSD	403.82	109.56	168.93	321.31	854.16	296.02	20.998	81.032

#1	.00052	-.00074	.00114	.00277	-.00200	.00367	-.00058	.00003
#2	-.00011	-.00029	.00184	-.00033	.00209	-.00465	-.00080	.00004
#3	-.00096	-.00311	-.00068	-.00067	-.00083	.00710	-.00089	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.06782	.00090	.00011	.00002	.01157	.00019	283.57
Stddev	.00007	.00791	.00058	.00031	.00051	.01881	.00002	.07
%RSD	140.22	11.668	64.353	288.98	2366.0	162.59	8.0887	.02633

#1	-.00012	.07673	.00057	.00007	-.00001	-.00878	.00019	283.55
#2	-.00002	.06515	.00157	-.00047	-.00054	.00569	.00018	283.51
#3	.00000	.06159	.00056	.00008	.00048	-.03161	.00021	283.66

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00023	.04531	.00024	.00002	.06968	.00060	.00472
Stddev	.00046	.00044	.00464	.00022	.00011	.05053	.00017	.00771
%RSD	116.72	191.72	10.243	91.045	502.05	72.519	29.328	163.55

#1	-.00010	.00003	-.05066	.00049	-.00011	-.12163	-.00070	.01208
#2	.00047	-.00007	-.04272	.00015	.00008	-.06673	-.00069	-.00330
#3	.00081	.00073	-.04253	.00008	.00009	-.02069	-.00039	.00536

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	.02227	.00002	.00029	.00020	.0020	.00008	<.00000
Stddev	.00061	.02762	.00111	.00102	.00034	.0014	.00005	.00476
%RSD	19.281	124.01	4454.4	357.04	171.43	68.33	63.359	6.5627

#1	-.00347	.00820	-.00064	-.00086	.00002	-.0004	-.00006	-.07298
#2	-.00245	-.02936	-.00059	.00089	-.00002	-.0028	-.00004	-.07713
#3	-.00353	-.04565	.00131	-.00089	.00059	-.0029	-.00013	-.06763

Sample Name: MG 250PPM Acquired: 1/17/2018 13:58:40 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.02997
%RSD	69.356

#1	-.02822
#2	-.02371
#3	-.07773

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.3	47687.	4651.1	59.045	2593.0
Stddev	1.7	134.	9.7	1.303	2.3
%RSD	.06926	.28165	.20953	1.8867	.08691

#1	2387.2	47563.	4640.2	67.796	2595.2
#2	2384.0	47830.	4653.8	70.396	2593.0
#3	2384.8	47669.	4659.1	68.944	2590.7

Sample Name: AL 250PPM Acquired: 1/17/2018 14:03:32 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	-.00339	-.02345	-.00121	.00169	259.92	.00004	.00003
Stddev	.00173	.00188	.00082	.00395	.00340	.30	.00085	.00004
%RSD	63.377	55.495	3.4840	325.35	201.57	.11504	2177.5	130.28

#1	.00279	-.00328	-.02385	-.00565	.00546	260.09	-.00067	.00000
#2	.00098	-.00157	-.02251	.00010	.00072	260.10	.00099	.00008
#3	.00444	-.00532	-.02399	.00191	-.00113	259.58	-.00019	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.05543	.00777	.00039	.00068	.11780	.00076	.04844
Stddev	.00008	.01485	.00008	.00032	.00026	.01507	.00006	.01450
%RSD	137.33	26.791	1.0423	82.653	37.578	12.788	8.0335	29.925

#1	.00013	.04051	.00772	.00037	.00096	.13470	.00083	.03630
#2	.00008	.05556	.00787	.00008	.00065	.11294	.00071	.06449
#3	-.00003	.07021	.00774	.00072	.00045	.10577	.00074	.04454

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	.00021	.07196	.00043	.00175	.03165	.00077	.00504
Stddev	.00065	.00043	.00383	.00067	.00010	.02153	.00024	.00514
%RSD	13.528	200.12	5.3170	157.86	5.9012	68.033	31.746	101.86

#1	.00552	-.00027	.06924	-.00004	.00187	-.00680	.00054	.00877
#2	.00423	.00039	.07633	.00012	.00170	-.04337	.00103	.00717
#3	.00474	.00053	.07030	.00120	.00169	-.04479	.00073	-.00082

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	.01944	-.00099	.00057	-.00139	.0025	.00009	<.00000
Stddev	.00202	.00801	.00021	.00199	.00103	.0013	.00008	.05087
%RSD	94.616	41.195	21.380	350.16	73.557	54.10	86.833	77.786

#1	-.00093	.02542	-.00079	.00280	-.00258	.0038	.00001	-.11365
#2	-.00446	.02256	-.00097	-.00101	-.00073	.0024	.00017	-.07028
#3	-.00101	.01034	-.00121	-.00009	-.00087	.0012	.00009	-.01226

Sample Name: AL 250PPM Acquired: 1/17/2018 14:03:32 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.01302
Stddev	.00758
%RSD	58.198

#1	.00473
#2	.01475
#3	.01959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.3	47575.	4853.6	71.944	2728.8
Stddev	7.8	117.	23.3	1.729	2.0
%RSD	.32023	.24525	.48025	2.4028	.07177

#1	2429.5	47466.	4832.7	69.949	2726.6
#2	2434.4	47561.	4878.8	73.003	2729.4
#3	2444.8	47698.	4849.5	72.879	2730.3

Sample Name: MN 50PPM Acquired: 1/17/2018 14:08:33 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.04545	.00509	.02290	.00072	.11595	.00022	.00099
Stddev	.00275	.00217	.00069	.00164	.00030	.00683	.00023	.00007
%RSD	622.92	4.7732	13.480	7.1705	41.205	5.8900	102.50	6.7379

#1	.00129	.04430	.00467	.02396	.00039	.11031	.00004	-.00094
#2	.00267	.04410	.00471	.02101	.00096	.11399	.00015	-.00097
#3	-.00264	.04796	.00588	.02373	.00082	.12354	.00048	-.00107

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.10841	.03438	.00045	.00297	.11836	59.201	.16819
Stddev	.00009	.01560	.00037	.00030	.00032	.01678	.237	.04692
%RSD	52.240	14.386	1.0873	67.688	10.708	14.173	.40041	27.898

#1	.00025	.12544	.03425	.00072	.00293	.09912	58.967	-.12929
#2	.00008	.10495	.03480	.00012	.00267	.12989	59.441	-.22030
#3	.00018	.09483	.03408	.00050	.00331	.12609	59.195	-.15499

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01494	.00646	.06302	.01329	.00375	.01790	.00101	.00386
Stddev	.00051	.00044	.00980	.00030	.00011	.01816	.00015	.00327
%RSD	3.4427	6.8584	15.548	2.2811	3.0291	101.46	15.170	84.700

#1	.01543	.00682	-.06980	-.01294	.00373	.00307	.00092	-.00053
#2	.01441	.00596	-.06748	-.01348	.00365	-.02878	.00119	-.00399
#3	.01499	.00660	-.05179	-.01345	.00387	-.02799	.00092	-.00706

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13478	.01251	.00114	.00148	.00196	.0634	.00024	<.00000
Stddev	.00046	.02961	.00122	.00075	.00087	.0008	.00003	.03727
%RSD	.34002	236.78	106.93	50.711	44.391	1.255	12.022	145.48

#1	.13425	-.01339	.00192	-.00066	-.00288	-.0630	.00021	-.05065
#2	.13500	.00612	-.00026	-.00212	-.00116	-.0643	.00024	-.04341
#3	.13509	.04479	.00176	-.00166	-.00183	-.0628	.00026	.01721

Sample Name: MN 50PPM Acquired: 1/17/2018 14:08:33 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.03139
Stddev	.06978
%RSD	222.26

#1	-.04406
#2	.04465
#3	.09359

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.6	49869.	4705.9	71.470	2810.5
Stddev	10.2	154.	6.2	1.090	8.0
%RSD	.40839	.30864	.13279	1.5253	.28293

#1	2484.8	49752.	4707.5	72.286	2801.4
#2	2502.5	49811.	4699.0	71.891	2814.6
#3	2502.4	50043.	4711.2	70.232	2815.6

Sample Name: CR 50PPM Acquired: 1/17/2018 14:13:35 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02654	.01187	-.01448	.00084	.55057	.02651	-.00037	-.00041
Stddev	.00335	.00076	.00090	.00192	.00412	.01071	.00034	.00005
%RSD	12.625	6.3631	6.1950	227.60	.74778	40.393	93.143	12.883

#1	-.03041	.01262	-.01527	.00295	.54725	.03565	.00001	-.00047
#2	-.02458	.01111	-.01466	-.00079	.54929	.01473	-.00066	-.00038
#3	-.02464	.01189	-.01351	.00036	.55518	.02915	-.00044	-.00037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.01262	51.225	-.00186	.00149	.05889	.01849	-.01422
Stddev	.00006	.01063	.135	.00013	.00067	.01737	.00051	.03668
%RSD	5.5153	84.200	.26418	6.9404	45.223	29.491	2.7739	257.90

#1	.00101	.00188	51.105	-.00195	.00155	.04297	.01904	-.01231
#2	.00113	.02313	51.199	-.00193	.00212	.07742	.01838	.02147
#3	.00107	.01286	51.371	-.00172	.00078	.05629	.01803	-.05182

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	.00058	-.08262	-.17830	.00177	-.03548	.00336	-.00175
Stddev	.00061	.00050	.00387	.00080	.00001	.04864	.00012	.00624
%RSD	9.0688	85.694	4.6805	.44857	.60575	137.07	3.4476	356.47

#1	.00743	.00093	-.08585	-.17772	.00176	.01588	.00329	.00494
#2	.00643	.00001	-.08368	-.17796	.00178	-.04150	.00328	-.00278
#3	.00633	.00079	-.07834	-.17921	.00177	-.08083	.00349	-.00742

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	-.58460	-.00276	-.00262	-.00162	-.0006	.00045	.00977
Stddev	.00279	.01472	.00011	.00131	.00077	.0016	.00006	.03283
%RSD	90.585	2.5184	4.0117	49.917	47.864	274.0	13.669	335.91

#1	.00604	-.59853	-.00268	-.00312	-.00073	.0011	.00042	.04757
#2	.00268	-.58608	-.00271	-.00114	-.00213	-.0020	.00052	-.00662
#3	.00051	-.56920	-.00288	-.00361	-.00200	-.0009	.00040	-.01163

Sample Name: CR 50PPM Acquired: 1/17/2018 14:13:35 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.29737
Stddev	.02407
%RSD	8.0953

#1	.31978
#2	.27192
#3	.30041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.1	50305.	4736.1	72.427	2848.6
Stddev	1.9	77.	6.6	.236	1.8
%RSD	.08776	.15368	.13869	.32653	.06147

#1	2128.3	50218.	4729.6	72.186	2847.0
#2	2126.1	50333.	4742.7	72.659	2848.2
#3	2129.8	50365.	4735.8	72.436	2850.5

Sample Name: V 50PPM Acquired: 1/17/2018 14:18:38 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	-.89247	-.00140	.00508	-.01680	-.00177	.00026	.00001
Stddev	.00171	.00286	.00103	.00142	.00093	.00631	.00022	.00003
%RSD	32.115	.32092	73.582	27.866	5.5161	356.19	85.628	322.31

#1	.00631	-.89191	-.00124	.00612	-.01578	-.00581	.00037	.00000
#2	.00633	-.89558	-.00046	.00347	-.01702	.00550	.00040	.00005
#3	.00336	-.88993	-.00251	.00566	-.01760	-.00500	.00000	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.04173	.00378	.00034	-.00149	-.00697	-.00203	-.02784
Stddev	.00006	.00352	.00061	.00029	.00012	.00894	.00004	.00994
%RSD	37.206	8.4230	16.001	84.751	8.1469	128.13	2.1602	35.715

#1	.00016	.04015	.00407	.00011	-.00136	-.00107	-.00203	-.01781
#2	.00021	.04576	.00419	.00067	-.00153	-.01725	-.00199	-.03769
#3	.00009	.03929	.00309	.00025	-.00159	-.00260	-.00208	-.02803

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.20515	-.09356	52.061	-.00017	-.06900	-.01274	-.01269
Stddev	.00010	.00053	.01193	.283	.00018	.01682	.00010	.00133
%RSD	81.749	.25625	12.756	.54379	103.68	24.381	.76758	10.453

#1	-.00020	-.20464	-.09252	51.815	.00001	-.07412	-.01276	-.01257
#2	-.00001	-.20513	-.08218	52.370	-.00018	-.05021	-.01283	-.01408
#3	-.00016	-.20569	-.10598	51.998	-.00035	-.08267	-.01264	-.01144

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00837	.07364	-.00044	-.01355	-.00128	-.0191	.00000	.67361
Stddev	.00324	.00880	.00062	.00073	.00238	.0017	.0001	.00478
%RSD	38.729	11.947	140.61	5.3576	185.08	9.133	24312.	.70977

#1	-.01078	.07396	.00023	-.01392	.00052	-.0186	-.00009	.67099
#2	-.00469	.06469	-.00055	-.01401	-.00040	-.0210	.00006	.67071
#3	-.00964	.08228	-.00101	-.01271	-.00398	-.0177	.00003	.67913

Sample Name: V 50PPM Acquired: 1/17/2018 14:18:38 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.09238
Stddev	.03612
%RSD	39.104

#1	.13386
#2	.06786
#3	.07541

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.9	50606.	4756.5	72.305	2867.8
Stddev	9.2	133.	32.3	.741	5.3
%RSD	.36690	.26314	.67930	1.0249	.18396

#1	2498.2	50663.	4779.8	71.491	2861.7
#2	2514.2	50454.	4719.6	72.941	2870.1
#3	2514.1	50702.	4770.1	72.482	2871.5

Sample Name: CO 50PPM Acquired: 1/17/2018 14:23:38 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.08353	.00925	.00781	.00240	.02520	.00061	.00006
Stddev	.00033	.00034	.00073	.00332	.00266	.00839	.00109	.00012
%RSD	29.405	.40702	7.8415	42.546	110.63	33.281	177.99	185.96

#1	-.00099	.08314	-.00846	-.01090	.00067	-.01872	.00014	-.00008
#2	-.00088	.08369	-.00989	-.00430	-.00397	-.03467	-.00186	-.00017
#3	-.00150	.08376	-.00939	-.00824	-.00390	-.02220	-.00012	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	.00936	.00044	46.429	.00811	.34529	.00006	.02434
Stddev	.00010	.00601	.00055	.051	.00030	.00187	.00006	.01842
%RSD	8.1430	64.200	122.87	.10948	3.6734	.54241	104.63	75.702

#1	-.00109	.00794	.00107	46.381	.00793	-.34629	.00007	-.02189
#2	-.00116	.01594	.00021	46.482	.00846	-.34313	.00011	-.04386
#3	-.00128	.00418	.00006	46.424	.00795	-.34646	-.00001	-.00726

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00034	.09554	.00262	.00059	.04493	.00072	.08075
Stddev	.00053	.00009	.00550	.00033	.00008	.01526	.00032	.00297
%RSD	89.847	27.567	5.7577	12.703	13.482	33.967	44.013	3.6764

#1	.00023	.00024	-.10158	.00294	-.00050	-.02827	-.00092	.08180
#2	.00034	.00034	-.09424	.00266	-.00066	-.05824	-.00035	.07740
#3	.00120	.00043	-.09081	.00227	-.00062	-.04828	-.00088	.08305

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01426	.00504	.00097	.00957	.00186	.0016	.00012	.27238
Stddev	.00226	.01995	.00060	.00161	.00083	.0013	.00008	.06779
%RSD	15.865	395.92	61.342	16.805	44.787	82.92	63.356	24.889

#1	.01237	.01842	.00053	-.00897	-.00099	-.0017	-.00020	.26382
#2	.01677	-.01789	.00074	-.01139	-.00194	-.0028	-.00011	.20927
#3	.01363	.01458	.00165	-.00834	-.00266	-.0002	-.00005	.34404

Sample Name: CO 50PPM Acquired: 1/17/2018 14:23:38 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.05971
Stddev	.03362
%RSD	56.304

#1	.03036
#2	.09638
#3	.05237

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.6	50775.	4746.8	73.555	2857.2
Stddev	7.9	140.	9.5	.608	1.7
%RSD	.31607	.27640	.19929	.82614	.05834

#1	2491.1	50789.	4736.1	73.718	2856.2
#2	2499.8	50628.	4750.2	72.882	2859.2
#3	2484.1	50908.	4754.1	74.064	2856.3

Sample Name: CU 50PPM Acquired: 1/17/2018 14:28:28 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00109	.00018	.00204	.00221	.03706	.00065	.00015
Stddev	.00371	.00242	.00071	.00208	.00141	.00944	.00061	.00003
%RSD	673.59	221.93	404.21	102.42	63.780	25.470	94.560	18.163

#1	-.00238	.00159	.00072	.00037	.00103	.04447	-.00047	.00013
#2	-.00069	-.00175	.00044	-.00313	.00184	.02643	-.00014	.00013
#3	.00472	-.00312	-.00063	-.00334	.00377	.04027	-.00133	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.12643	.01207	.00181	52.213	.03642	.00358	.03216
Stddev	.00005	.01072	.00040	.00040	.060	.00643	.00002	.02882
%RSD	86.769	8.4818	3.3209	22.083	.11450	17.650	.53499	89.609

#1	-.00001	.11817	.01209	.00227	52.192	.02921	.00356	-.06511
#2	-.00004	.13855	.01245	.00160	52.281	.04155	.00359	-.01973
#3	-.00011	.12257	.01165	.00155	52.167	.03850	.00360	-.01164

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00544	.00065	.06314	.00114	.06401	.02661	.00143	.01323
Stddev	.00037	.00018	.00753	.00046	.00072	.01798	.00006	.00565
%RSD	6.7299	28.374	11.933	39.931	1.1218	67.583	4.1789	42.680

#1	.00502	.00081	-.05611	-.00158	.06433	-.03765	.00150	-.01245
#2	.00570	.00045	-.06223	-.00118	.06319	-.00586	.00138	-.01923
#3	.00561	.00069	-.07109	-.00067	.06451	-.03632	.00142	-.00801

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	.01462	.00028	.00004	.00180	.0540	.00055	.00415
Stddev	.00243	.00962	.00078	.00166	.00071	.0017	.00007	.04847
%RSD	168.30	65.768	278.19	4441.6	39.425	3.182	13.506	1168.1

#1	-.00298	.00604	-.00059	.00183	-.00131	-.0555	.00049	.05725
#2	-.00270	.02501	.00052	-.00146	-.00146	-.0521	.00063	-.03771
#3	.00136	.01281	.00091	-.00025	-.00261	-.0545	.00052	-.00710

Sample Name: CU 50PPM Acquired: 1/17/2018 14:28:28 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.04627
Stddev	.02483
%RSD	53.652

#1	.02959
#2	.07480
#3	.03443

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.2	50680.	4762.3	73.506	2838.5
Stddev	3.6	154.	29.9	.846	4.3
%RSD	.14866	.30330	.62808	1.1509	.15031

#1	2417.3	50506.	4742.8	73.473	2842.3
#2	2413.5	50795.	4747.5	74.368	2833.8
#3	2420.7	50739.	4796.8	72.677	2839.3

Sample Name: NI 50PPM Acquired: 1/17/2018 14:33:16 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	-.00193	.00473	-.00342	-.04332	-.00383	-.00063
Stddev	.00099	.00073	.00022	.00118	.00080	.00580	.00028
%RSD	39.097	37.577	4.5768	34.407	1.8495	151.43	44.417

#1	.00356	-.00192	.00448	-.00274	-.04410	-.00746	-.00079
#2	.00160	-.00266	.00479	-.00274	-.04250	.00286	-.00078
#3	.00241	-.00121	.00490	-.00478	-.04336	-.00689	-.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00748	.04593	.00000	.00556	-.21851	-.08348
Stddev	.00005	.00010	.00448	.00017	.00028	.00061	.00791
%RSD	29.906	1.2817	9.7499	5980.1	4.9812	.27730	9.4736

#1	-.00018	-.00746	.04199	.00019	.00580	-.21797	-.07832
#2	-.00021	-.00739	.05080	-.00007	.00564	-.21916	-.09259
#3	-.00011	-.00758	.04500	-.00011	.00526	-.21840	-.07955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03082	47.753	-.00056	-.08632	.00060	.25671
Stddev	.00003	.05539	.048	.00025	.00875	.00028	.00424
%RSD	319.94	179.71	.09976	45.641	10.136	46.167	1.6499

#1	.00002	.02160	47.726	-.00055	-.07670	.00030	.25706
#2	.00000	-.02529	47.726	-.00031	-.08847	.00066	.26076
#3	-.00004	-.08878	47.808	-.00082	-.09380	.00085	.25231

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03584	-.00015	-.00127	-.00621	-.01978	-.00125	-.03700
Stddev	.02911	.00020	.00570	.00197	.02287	.00007	.00174
%RSD	81.219	132.23	450.08	31.665	115.60	6.0013	4.7126

#1	-.02573	-.00003	.00502	-.00694	-.00054	-.00124	-.03499
#2	-.06866	-.00004	-.00274	-.00398	-.01374	-.00133	-.03790
#3	-.01314	-.00039	-.00608	-.00770	-.04506	-.00118	-.03811

Sample Name: NI 50PPM Acquired: 1/17/2018 14:33:16 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00276	.0685	.00003	F<00000	<00000
Stddev	.00174	.0003	.00003	.03190	.02256
%RSD	63.096	.3910	77.823	2.7385	86.501
#1	-.00273	.0688	-.00006	-1.1652	-.00853
#2	-.00452	.0683	-.00002	-1.1964	-.01818
#3	-.00103	.0685	-.00001	-1.1326	-.05152
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.9	50805.	4760.8	71.668	2797.4
Stddev	4.3	159.	9.8	1.442	4.3
%RSD	.17124	.31222	.20670	2.0124	.15206
#1	2503.9	50622.	4753.5	71.468	2794.0
#2	2504.9	50908.	4756.8	70.336	2796.0
#3	2511.8	50884.	4772.0	73.200	2802.1

Sample Name: ZN 50PPM Acquired: 1/17/2018 14:38:05 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00444	.00013	.00154	.00106	.00237	.00012	.00075	.00007
Stddev	.00157	.00073	.00025	.00246	.00098	.00289	.00031	.00006
%RSD	35.392	549.89	16.419	232.91	41.247	2414.1	41.025	87.893

#1	-.00466	.00057	.00172	.00159	.00125	.00310	-.00082	.00010
#2	-.00590	-.00089	.00166	-.00149	.00305	-.00006	-.00041	.00000
#3	-.00277	-.00008	.00125	-.00328	.00279	-.00268	-.00101	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.02697	.00621	.00019	.00711	.01806	.00339	.00214
Stddev	.00008	.01041	.00012	.00026	.00020	.01873	.00004	.02440
%RSD	109.11	38.620	1.9079	138.00	2.8564	103.71	1.2580	1139.5

#1	.00004	.01618	.00633	-.00004	.00697	.03130	.00336	.02193
#2	.00017	.02777	.00621	.00013	.00735	.02625	.00343	-.02686
#3	.00002	.03696	.00610	.00048	.00702	-.00337	.00336	-.00149

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00554	.00013	.08244	.00049	33.615	.02506	.00450	.00061
Stddev	.00028	.00057	.01234	.00028	.613	.05326	.00013	.00586
%RSD	5.0748	442.05	14.963	57.482	1.8250	212.54	2.8272	966.82

#1	.00522	-.00079	-.07310	.00071	34.320	-.03139	-.00462	-.00671
#2	.00566	.00025	-.07779	.00060	33.328	.07442	-.00437	-.00006
#3	.00575	.00014	-.09643	.00017	33.198	.03215	-.00452	.00496

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.01293	.00144	.00096	.00106	.00002	.00186	.01735
Stddev	.00226	.03037	.00074	.00132	.00112	.0018	.00003	.03625
%RSD	64.406	234.82	51.522	137.63	105.86	875.3	1.3781	208.98

#1	-.00094	.04678	.00156	.00057	.00024	-.0018	.00184	.04085
#2	-.00439	-.01192	.00065	-.00167	-.00167	-.0006	.00185	-.02440
#3	-.00519	.00394	.00213	-.00179	-.00175	.0018	.00189	.03559

Sample Name: ZN 50PPM Acquired: 1/17/2018 14:38:05 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.01862
Stddev	.04430
%RSD	237.90

#1	.05561
#2	.03074
#3	-.03048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.7	50998.	4745.8	73.455	2852.8
Stddev	8.2	87.	27.7	1.326	2.2
%RSD	.32583	.16988	.58385	1.8052	.07777

#1	2498.5	50911.	4729.9	71.932	2852.4
#2	2514.6	51001.	4729.6	74.077	2855.2
#3	2504.1	51084.	4777.7	74.355	2850.9

Sample Name: PB 50PPM Acquired: 1/17/2018 14:42:55 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	.00233	47.272	.00281	.00028	.00373	.00048	.00001
Stddev	.00377	.00147	.063	.00130	.00180	.01134	.00020	.00002
%RSD	396.49	63.185	.13369	46.388	632.41	303.85	42.112	160.11

#1	-.00340	.00227	47.200	-.00407	.00235	-.00748	-.00032	.00000
#2	.00296	.00382	47.299	-.00147	-.00095	.01518	-.00042	.00001
#3	.00328	.00089	47.318	-.00288	-.00054	.00349	-.00071	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.07585	.05230	.00113	.05883	.19440	.00779	.01331
Stddev	.00009	.01462	.00074	.00029	.00058	.02201	.00005	.01759
%RSD	51.661	19.279	1.4118	25.764	.98139	11.323	.58161	132.21

#1	.00020	.06653	.05273	.00126	.05818	.20875	.00783	.02862
#2	.00025	.06831	.05272	.00135	.05927	.20541	.00774	-.00591
#3	.00007	.09270	.05145	.00080	.05905	.16906	.00781	.01721

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02774	.00013	.07284	.00062	.00214	.04099	.00458	.01041
Stddev	.00082	.00048	.00768	.00033	.00027	.01458	.00002	.00112
%RSD	2.9511	367.58	10.540	52.243	12.643	35.563	.47106	10.726

#1	.02868	.00066	-.06455	.00040	.00240	-.03720	.00456	-.01170
#2	.02717	.00000	-.07971	.00100	.00216	-.05709	.00457	-.00973
#3	.02737	-.00027	-.07425	.00047	.00186	-.02868	.00460	-.00980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	.01541	.00005	.00122	.00201	.00008	.00017	.01070
Stddev	.00164	.01663	.00082	.00066	.00050	.0015	.00015	.01177
%RSD	54.873	107.91	1604.3	54.031	24.851	200.3	86.749	109.97

#1	.00358	-.00330	.00061	-.00123	-.00207	-.0004	.00028	.02419
#2	.00425	.02849	-.00096	-.00187	-.00248	-.0024	.00000	.00250
#3	.00113	.02103	.00020	-.00055	-.00149	.0006	.00023	.00543

Sample Name: PB 50PPM Acquired: 1/17/2018 14:42:55 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.02852
Stddev	.05050
%RSD	177.07

#1	.02874
#2	.07891
#3	-.02209

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.4	50865.	4715.8	72.297	2852.9
Stddev	3.6	334.	40.0	1.520	.7
%RSD	.14153	.65565	.84921	2.1019	.02314

#1	2510.2	50564.	4689.8	72.091	2853.5
#2	2512.5	50808.	4695.6	70.891	2853.1
#3	2505.5	51224.	4761.9	73.909	2852.2

Sample Name: TI 50PPM Acquired: 1/17/2018 14:47:45 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00497	-.07184	.00255	.00073	.00431	-.00258	-.00018	.00002
Stddev	.00277	.00366	.00184	.00096	.00068	.01361	.00043	.00007
%RSD	55.734	5.0968	72.005	131.51	15.862	527.58	234.38	352.63

#1	.00810	-.07321	.00439	.00007	.00508	-.01672	.00013	-.00001
#2	.00285	-.06769	.00254	.00184	.00409	.01043	-.00001	-.00003
#3	.00395	-.07461	.00072	.00029	.00377	-.00145	-.00067	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	.00792	.00270	.08746	.01347	-.00316	.00024	-.08749
Stddev	.00003	.01354	.00070	.00034	.00021	.00635	.00005	.01416
%RSD	1.0170	170.88	26.013	.39317	1.5547	200.67	22.685	16.184

#1	.00264	.00420	.00296	.08733	.01351	.00033	.00027	-.09910
#2	.00261	.02293	.00191	.08785	.01324	-.01049	.00028	-.07172
#3	.00266	-.00337	.00324	.08719	.01366	.00067	.00018	-.09166

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.03057	-.09823	.03311	-.02216	-.07056	.00097	-.00258
Stddev	.00038	.00007	.00379	.00052	.00072	.03109	.00030	.00733
%RSD	113.19	.22909	3.8588	1.5600	3.2269	44.063	30.654	284.25

#1	-.00044	-.03049	-.09932	.03354	-.02143	-.05562	.00132	.00579
#2	-.00066	-.03062	-.09401	.03324	-.02219	-.10630	.00082	-.00566
#3	.00009	-.03059	-.10135	.03254	-.02286	-.04976	.00078	-.00786

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	.11297	-.01462	50.978	-.00286	-.0012	.00007	<.00000
Stddev	.00407	.04084	.00167	.118	.00161	.0006	.00004	.02304
%RSD	182.35	36.152	11.445	.23165	56.200	45.37	53.467	53.952

#1	-.00139	.06613	-.01638	51.052	-.00259	-.0016	.00008	-.03833
#2	-.00666	.13166	-.01306	51.041	-.00459	-.0014	.00003	-.06760
#3	.00135	.14113	-.01441	50.842	-.00141	-.0006	.00011	-.02216

Sample Name: TI 50PPM Acquired: 1/17/2018 14:47:45 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.31268
Stddev	.05051
%RSD	16.154

#1	.30028
#2	.36824
#3	.26953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.6	50554.	4724.7	71.765	2854.6
Stddev	13.6	292.	15.4	2.077	10.4
%RSD	.54503	.57855	.32551	2.8943	.36528

#1	2478.8	50253.	4722.2	74.021	2847.6
#2	2485.2	50572.	4710.7	71.340	2849.7
#3	2504.8	50837.	4741.1	69.933	2866.6

Sample Name: MO 50PPM Acquired: 1/17/2018 14:52:36 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06838	-.08784	-.11292	.00564	-.16770	1.5655	-.00104	-.00453
Stddev	.00215	.00259	.00237	.00092	.00222	.0081	.00080	.00008
%RSD	3.1468	2.9535	2.1023	16.254	1.3235	.51755	76.303	1.8498

#1	.07075	-.08781	-.11018	.00624	-.17025	1.5562	-.00013	-.00458
#2	.06655	-.08525	-.11421	.00459	-.16669	1.5703	-.00140	-.00444
#3	.06783	-.09044	-.11436	.00609	-.16617	1.5702	-.00160	-.00459

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	-.02497	-.00207	-.05184	.05961	-.04480	-.00106	-.40061
Stddev	.00008	.01177	.00022	.00028	.00037	.00494	.00004	.01471
%RSD	7.3856	47.153	10.436	.53530	.61525	11.019	3.8776	3.6721

#1	-.00105	-.03784	-.00232	-.05161	.05966	-.04153	-.00102	-.40185
#2	-.00104	-.02232	-.00194	-.05176	.05922	-.04239	-.00110	-.38532
#3	-.00118	-.01475	-.00195	-.05215	.05995	-.05048	-.00108	-.41467

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00511	-.00208	.01621	-.20127	-.00413	-.02769	43.456	-.06958
Stddev	.00019	.00026	.01193	.00209	.00008	.04056	.151	.00609
%RSD	3.6910	12.321	73.632	1.0363	1.9963	146.49	.34747	8.7568

#1	.00530	-.00231	.00995	-.20033	-.00411	-.01254	43.293	-.07455
#2	.00509	-.00213	.00871	-.19981	-.00406	-.07363	43.485	-.06278
#3	.00493	-.00181	.02997	-.20366	-.00422	.00312	43.591	-.07141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12668	-.07848	.00064	.00302	-.00172	-.0010	.00024	<.00000
Stddev	.00088	.00868	.00042	.00078	.00149	.0005	.00003	.04984
%RSD	.69362	11.059	65.638	25.866	87.034	44.46	12.979	18.690

#1	-.12576	-.08839	.00016	.00309	-.00219	-.0006	.00026	-.29021
#2	-.12752	-.07223	.00092	.00376	-.00004	-.0015	.00026	-.20943
#3	-.12677	-.07482	.00085	.00221	-.00292	-.0009	.00021	-.30041

Sample Name: MO 50PPM Acquired: 1/17/2018 14:52:36 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.11486
Stddev	.08154
%RSD	70.997

#1	.18107
#2	.13973
#3	.02377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.3	51042.	4764.1	59.836	2683.7
Stddev	5.2	95.	31.2	.788	6.4
%RSD	.20907	.18548	.65451	1.1282	.23827

#1	2497.3	50939.	4778.2	68.932	2689.5
#2	2488.0	51126.	4785.7	70.373	2684.9
#3	2488.7	51059.	4728.3	70.205	2676.8

Sample Name: CA 250PPM Acquired: 1/17/2018 15:02:19 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00362	-.00112	-.00077	.00512	-.00327	.17654	-.00096	-.00003
Stddev	.00136	.00178	.00101	.00350	.00048	.01119	.00026	.00002
%RSD	37.705	159.63	131.06	68.408	14.565	6.3396	27.249	48.818

#1	.00238	.00071	.00012	.00303	-.00276	.17204	-.00108	-.00005
#2	.00508	-.00120	-.00187	.00317	-.00370	.16830	-.00114	-.00002
#3	.00340	-.00286	-.00057	.00917	-.00334	.18928	-.00066	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	263.15	.00344	.00014	.00080	.02308	.00037	.02897
Stddev	.00007	.82	.00010	.00009	.00031	.01901	.00003	.01478
%RSD	92.050	.31095	2.9623	67.434	39.098	82.354	8.6046	51.008

#1	-.00016	264.09	.00332	.00013	.00112	.03794	.00034	.02985
#2	-.00007	262.81	.00351	.00023	.00050	.02964	.00037	.01377
#3	-.00001	262.57	.00348	.00005	.00077	.00166	.00040	.04328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	-.00020	-.07045	.00054	-.00005	-.04118	.00276	.00699
Stddev	.00041	.00029	.00480	.00026	.00008	.02055	.00084	.00104
%RSD	19.638	146.08	6.8159	48.605	158.11	49.906	30.280	14.891

#1	.00223	-.00050	-.07018	.00083	-.00008	-.01750	.00367	.00817
#2	.00241	-.00020	-.07538	.00048	.00004	-.05435	.00258	.00660
#3	.00163	.00009	-.06579	.00031	-.00012	-.05168	.00203	.00620

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02938	.01730	.00045	-.00680	.00306	-.0031	.01602	.90664
Stddev	.00437	.01994	.00089	.00179	.00065	.0021	.00008	.03899
%RSD	14.873	115.30	198.17	26.392	21.210	68.11	.51410	4.3002

#1	.03098	-.00429	.00084	-.00865	.00380	-.0049	.01598	.94609
#2	.03273	.03504	.00108	-.00507	.00257	-.0038	.01596	.90570
#3	.02444	.02114	-.00057	-.00667	.00281	-.0007	.01611	.86814

Sample Name: CA 250PPM Acquired: 1/17/2018 15:02:19 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.05781
Stddev	.01658
%RSD	28.676

#1	.04428
#2	.07630
#3	.05284

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.1	47605.	4622.7	71.286	2611.1
Stddev	7.1	114.	20.6	.870	5.3
%RSD	.30134	.23888	.44549	1.2198	.20172

#1	2349.0	47475.	4611.4	71.500	2607.8
#2	2362.4	47650.	4646.5	72.029	2617.1
#3	2359.8	47689.	4610.2	70.329	2608.3

Sample Name: CCV066 Acquired: 1/17/2018 15:14:28 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8435	4.9426	24.962	4.8166	5.0323	439.71	10.019	50686
Stddev	.0131	.0048	.060	.0004	.0072	.93	.025	.00097
%RSD	.27042	.09801	.24002	.00807	.14259	.21137	.24773	.19044
#1	4.8343	4.9403	24.939	4.8170	5.0358	440.78	10.027	50606
#2	4.8585	4.9482	24.917	4.8162	5.0372	439.25	10.038	50793
#3	4.8376	4.9393	25.030	4.8167	5.0241	439.11	9.9909	50659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5465	407.09	15.477	2.5249	14.452	426.04	14.954	429.86
Stddev	.0064	1.98	.043	.0053	.027	7.04	.021	2.74
%RSD	.25210	.48696	.27845	.21206	.18735	1.6536	.14117	.63844
#1	2.5421	404.95	15.470	2.5192	14.420	434.06	14.953	427.19
#2	2.5436	408.86	15.523	2.5257	14.464	423.21	14.933	432.68
#3	2.5539	407.45	15.437	2.5298	14.470	420.86	14.976	429.72
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5333	1.2340	415.04	2.4926	14.369	149.84	4.8497	4.7855
Stddev	.0011	.0051	3.06	.0019	.279	.14	.0053	.0333
%RSD	.04467	.41152	.73774	.07530	1.9397	.09650	.11025	.69520
#1	2.5320	1.2352	416.21	2.4925	14.690	149.94	4.8445	4.7540
#2	2.5336	1.2384	417.35	2.4946	14.183	149.89	4.8552	4.8203
#3	2.5342	1.2285	411.57	2.4908	14.235	149.67	4.8495	4.7822
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0969	5.4451	5.0445	5.1573	5.0551	5.085	5.0319	F3.6112
Stddev	.0116	.0541	.0045	.0169	.0116	.006	.0177	.0593
%RSD	.22709	.99439	.08873	.32678	.22944	.1206	.35253	.68908
#1	5.0868	5.4924	5.0431	5.1497	5.0562	5.092	5.0399	8.6356
#2	5.0944	5.4567	5.0409	5.1767	5.0661	5.080	5.0441	8.6544
#3	5.1095	5.3860	5.0495	5.1457	5.0430	5.083	5.0115	8.5435

Sample Name: CCV066 Acquired: 1/17/2018 15:14:28 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 12.312
Stddev	.077
%RSD	.62532

#1	12.263
#2	12.272
#3	12.400

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.8	42704.	4452.9	32.453	2067.1
Stddev	4.1	74.	11.1	1.068	3.7
%RSD	.19978	.17254	.24985	1.7095	.17700

#1	2039.4	42641.	4464.8	61.227	2070.8
#2	2031.9	42785.	4451.3	63.175	2066.9
#3	2033.0	42687.	4442.7	62.958	2063.5

Sample Name: CCB066 Acquired: 1/17/2018 15:19:13 Type: Unk
Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00020	.00043	.00030	.00081	.00584	.00095	.00004
Stddev	.00571	.00158	.00047	.00146	.00079	.00943	.00042	.00005
%RSD	839.75	773.48	110.59	488.12	98.389	161.47	44.549	139.84

#1	-.00320	-.00117	-.00011	-.00138	.00003	-.00455	.00135	.00008
#2	-.00199	-.00106	.00079	.00110	.00161	.01385	.00099	-.00002
#3	.00723	.00162	.00060	.00118	.00078	.00822	.00051	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01973	.00063	.00010	.00064	.02695	.00066	-.00719
Stddev	.0000	.00870	.00021	.00006	.00021	.02452	.00010	.03694
%RSD	753.68	44.079	33.477	56.781	33.247	90.969	15.889	513.77

#1	.00003	.01089	.00041	.00016	.00087	.04438	.00076	.03498
#2	-.00002	.02828	.00083	.00010	.00045	-.00108	.00066	-.03381
#3	-.00002	.02003	.00063	.00004	.00061	.03757	.00055	-.02274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.00032	-.03527	.00063	-.00006	.00152	.00094	-.00827
Stddev	.00058	.00025	.01176	.00027	.00013	.03370	.00046	.00850
%RSD	189.75	76.283	33.340	42.852	223.62	2219.1	48.991	102.75

#1	-.00030	.00040	-.04160	.00056	.00009	.01400	.00119	-.00424
#2	-.00090	.00053	-.04251	.00040	-.00014	.02720	.00041	-.01803
#3	.00027	.00005	-.02170	.00092	-.00013	-.03664	.00121	-.00254

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	.01879	.00026	-.00158	-.00028	-.0016	.00019	<.00000
Stddev	.00269	.01346	.00084	.00134	.00255	.0015	.00006	.04034
%RSD	219.73	71.630	328.56	84.445	897.33	93.98	30.420	548.62

#1	-.00267	.01574	.00122	-.00004	.00265	-.0031	.00013	.03417
#2	.00188	.00712	-.00014	-.00229	-.00162	-.0015	.00025	-.00983
#3	-.00288	.03351	-.00032	-.00242	-.00189	-.0001	.00019	-.04640

Sample Name: CCB066 Acquired: 1/17/2018 15:19:13 Type: Unk
 Method: P5-ISM02.4(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCV066 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.00928
Stddev	.01874
%RSD	201.93

#1	-.00039
#2	-.00265
#3	.03088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2502.5	50240.	4649.5	70.714	2854.8
Stddev	8.8	160.	15.1	1.958	4.5
%RSD	.35067	.31816	.32401	2.7683	.15712

#1	2493.8	50218.	4633.0	68.459	2850.2
#2	2511.4	50093.	4653.1	71.700	2859.1
#3	2502.4	50410.	4662.5	71.982	2855.1