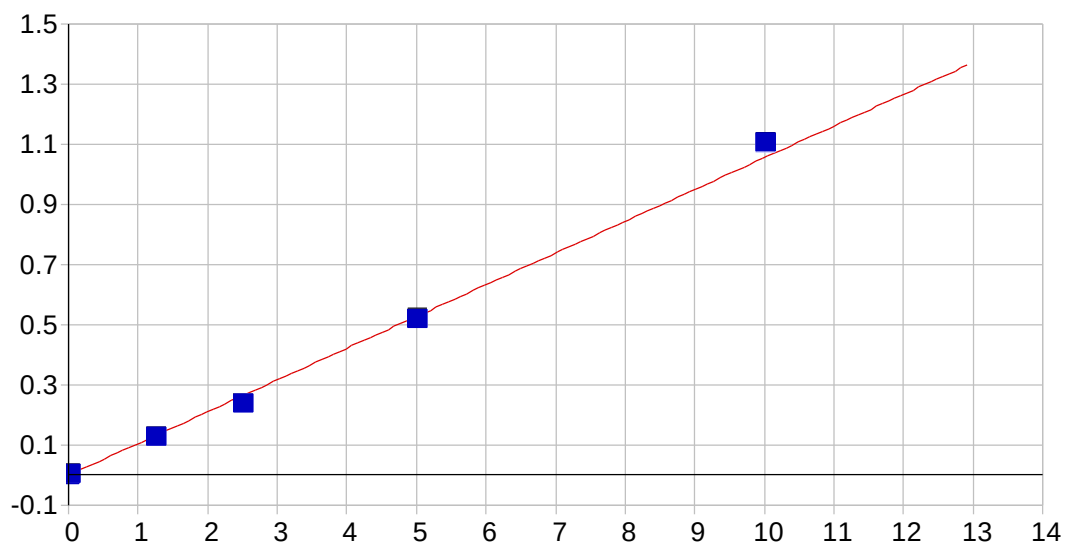




As 189.042 {478}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000083

Re-Slope: 1.000000

A1 (Gain): 0.105547

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998542

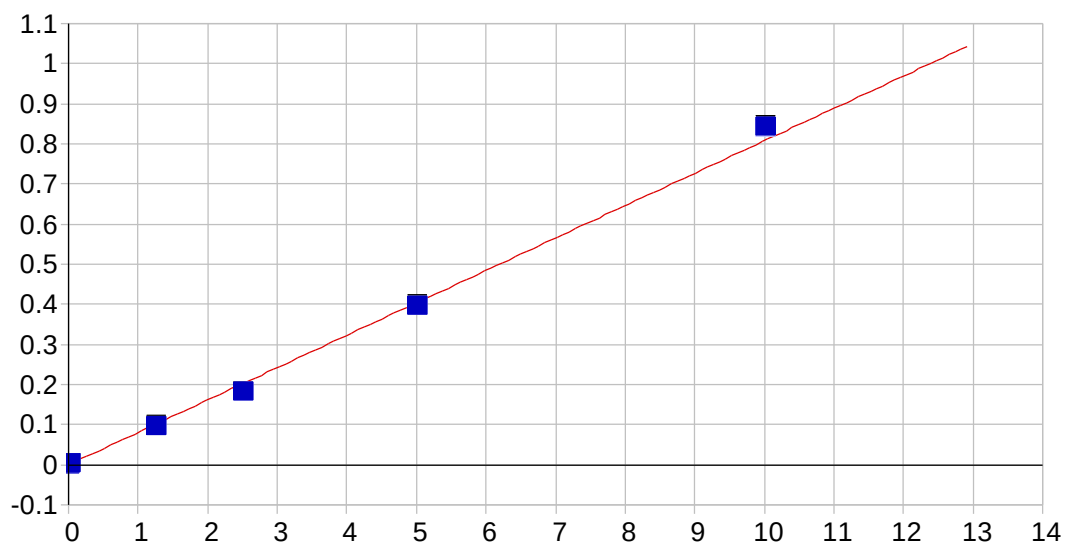
Status: OK.

Std Error of Est: 0.000095

Predicted MDL: 0.002904

Predicted MQL: 0.009681

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01000	.00876	-.001	-12.4	.00084	.000	1
S3	2.5000	2.2327	-.267	-10.7	.23500	.000	1
S4	5.0000	4.8954	-.105	-2.09	.51546	.003	1
S5	10.000	10.444	.444	4.44	1.0999	.004	1
S2	1.2500	1.1794	-.071	-5.65	.12412	.001	1



As 189.042 {479}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000172

Re-Slope: 1.000000

A1 (Gain): 0.080791

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998726

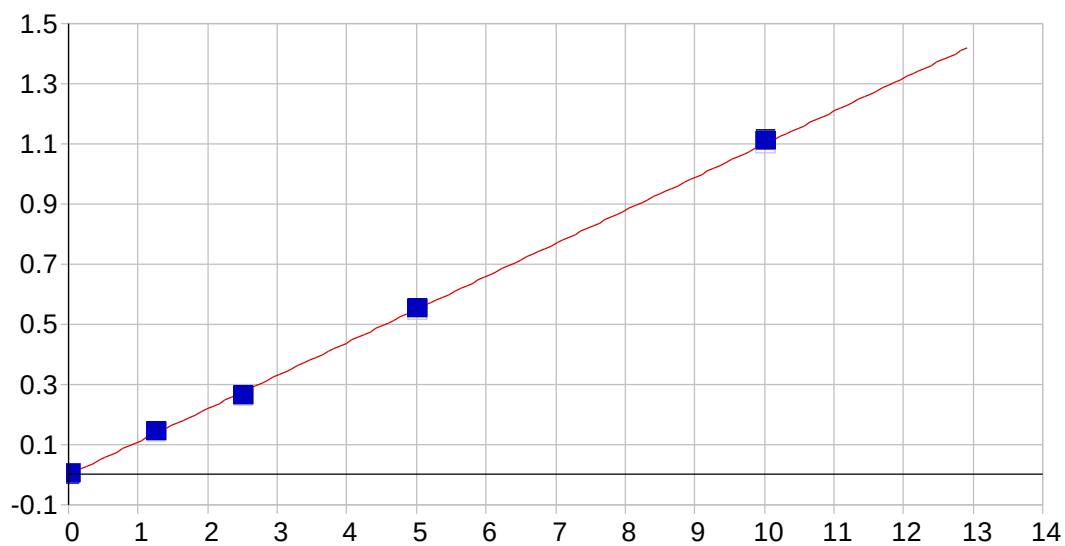
Status: OK.

Std Error of Est: 0.000068

Predicted MDL: 0.002705

Predicted MQL: 0.009016

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.00957	.000	-4.32	.00060	.000	1
S3	2.5000	2.2453	-.255	-10.2	.18079	.001	1
S4	5.0000	4.9002	-.100	-2.00	.39484	.002	1
S5	10.000	10.413	.413	4.13	.83933	.005	1
S2	1.2500	1.1921	-.058	-4.63	.09592	.000	1



TI 190.856 {477}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000074

Re-Slope: 1.000000

A1 (Gain): 0.109870

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999801

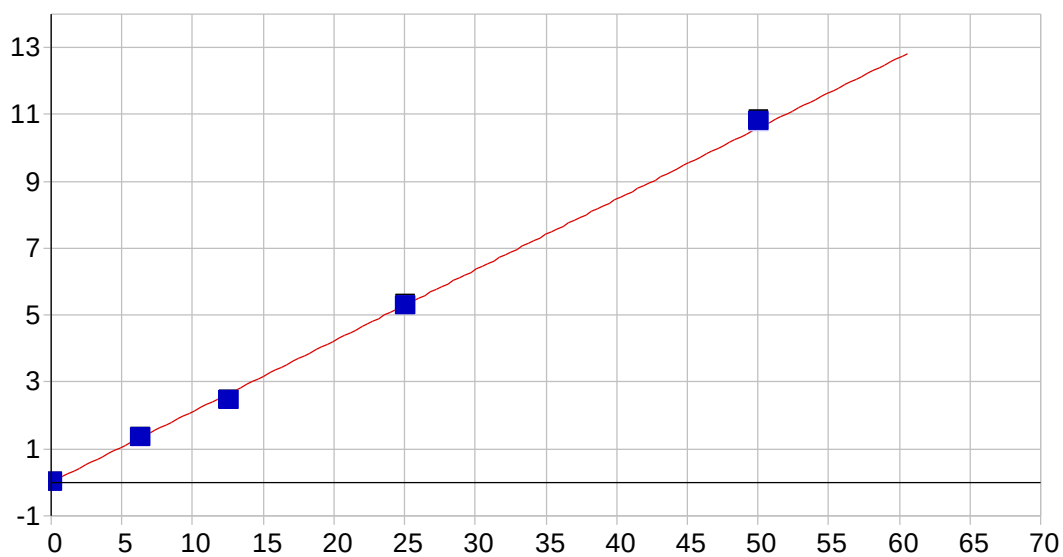
Status: OK.

Std Error of Est: 0.000058

Predicted MDL: 0.001599

Predicted MQL: 0.005331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.02500	.02651	.002	6.05	.00275	.000	1
S3	2.5000	2.3796	-.120	-4.82	.25868	.001	1
S4	5.0000	5.0042	.004	.083	.54435	.003	1
S5	10.000	10.085	.085	.854	1.0972	.004	1
S2	1.2500	1.2794	.029	2.35	.13914	.000	1



Pb 220.353 {453}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000119

Re-Slope: 1.000000

A1 (Gain): 0.211706

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999571

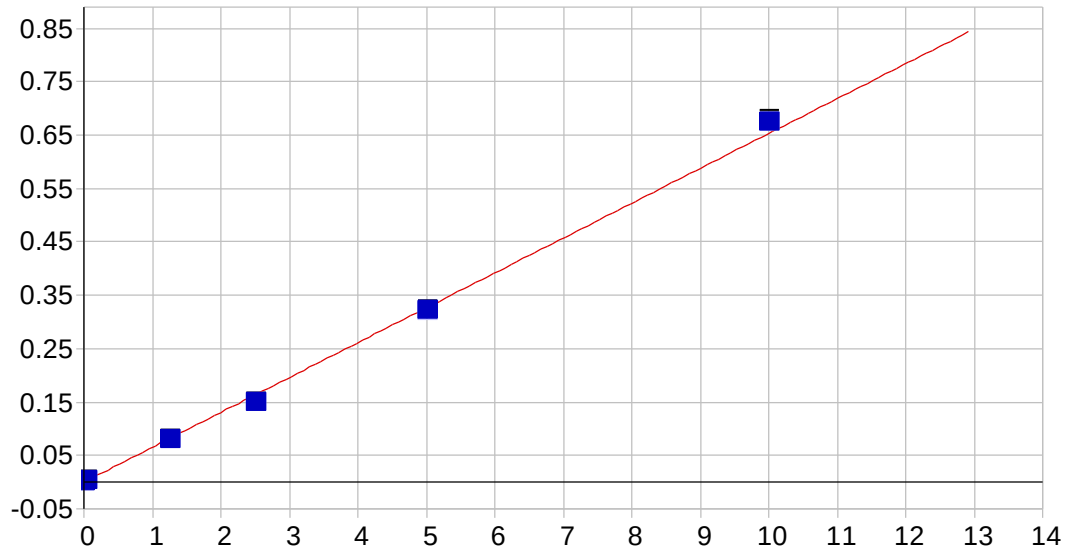
Status: OK.

Std Error of Est: 0.000232

Predicted MDL: 0.001286

Predicted MQL: 0.004287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.01057	.001	5.69	.00211	.000	1
S3	12.500	11.605	-.895	-7.16	2.4537	.004	1
S4	25.000	24.994	-.006	-.023	5.2855	.027	1
S5	50.000	50.898	.898	1.80	10.764	.045	1
S2	6.2500	6.2526	.003	.041	1.3221	.003	1



Se 196.090 {472}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000074

Re-Slope: 1.000000

A1 (Gain): 0.065304

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999079

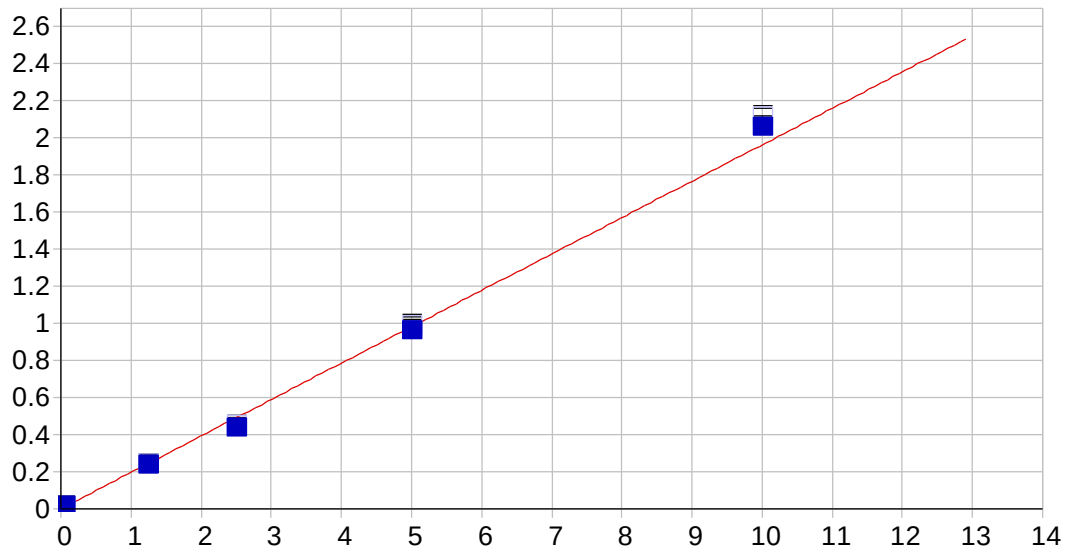
Status: OK.

Std Error of Est: 0.000088

Predicted MDL: 0.003688

Predicted MQL: 0.012293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.03500	.03927	.004	12.2	.00264	.000	1
S3	2.5000	2.2762	-.224	-8.95	.14844	.001	1
S4	5.0000	4.9127	-.087	-1.75	.32033	.001	1
S5	10.000	10.340	.340	3.40	.67421	.004	1
S2	1.2500	1.2166	-.033	-2.67	.07938	.000	1

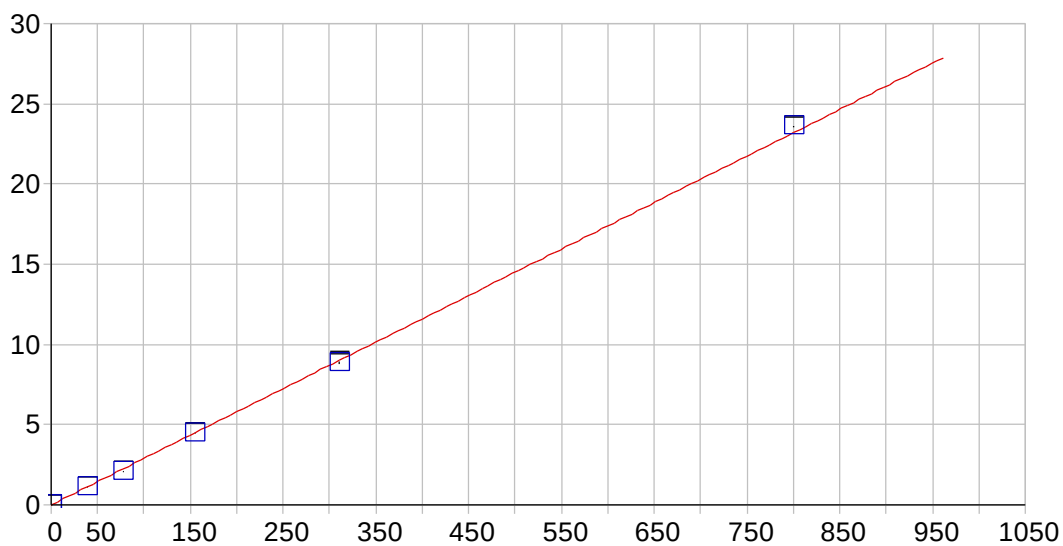


Sb 206.833 {463}

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000462 Re-Slope: 1.000000
 A1 (Gain): 0.196370 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998465 Status: OK.
 Std Error of Est: 0.000461
 Predicted MDL: 0.001698
 Predicted MQL: 0.005659

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00046	.000	1
S1	.06000	.06007	.000	.118	.01226	.000	1
S3	2.5000	2.2151	-.285	-11.4	.44968	.001	1
S4	5.0000	4.8834	-.117	-2.33	.98787	.005	1
S5	10.000	10.471	.471	4.71	2.1136	.009	1
S2	1.2500	1.1802	-.070	-5.58	.23933	.001	1

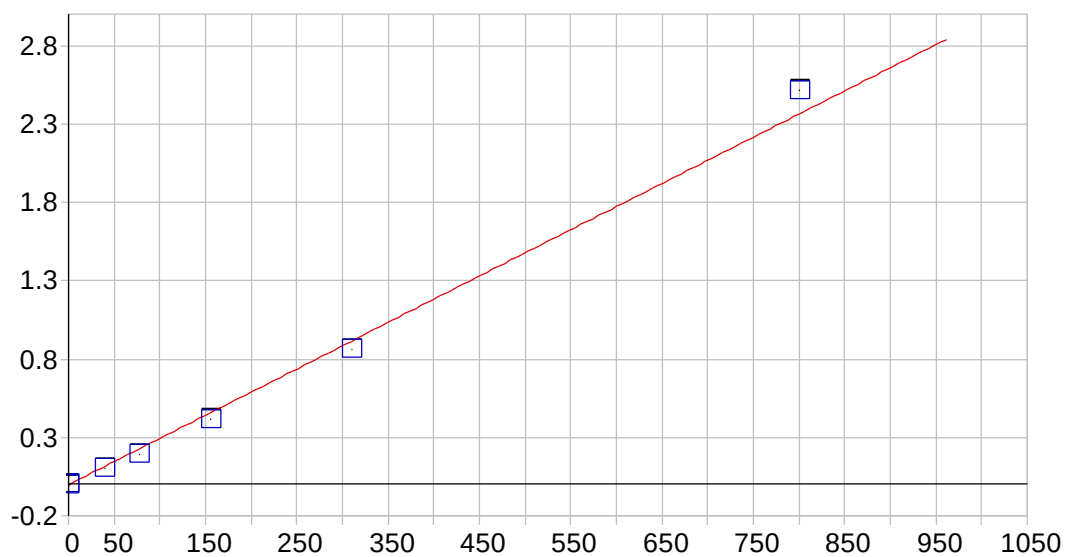


AI 308.215 {109}

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000567 Re-Slope: 1.000000
 A1 (Gain): 0.028991 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679 Status: OK.
 Std Error of Est: 0.000457
 Predicted MDL: 0.003010
 Predicted MQL: 0.010034

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00057	.000	1
S1	.20000	.20443	.004	2.21	.00649	.000	1
S3	77.500	71.067	-6.43	-8.30	2.0608	.000	1
S4	155.00	153.84	-1.16	-.749	4.4604	.007	1
S5	310.00	305.56	-4.44	-1.43	8.8589	.060	1
S6	800.00	813.47	13.5	1.68	23.584	.020	1
S2	38.750	37.308	-1.44	-3.72	1.0821	.002	1



AI 309.271 {109}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000246

Re-Slope: 1.000000

A1 (Gain): 0.002952

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.996952

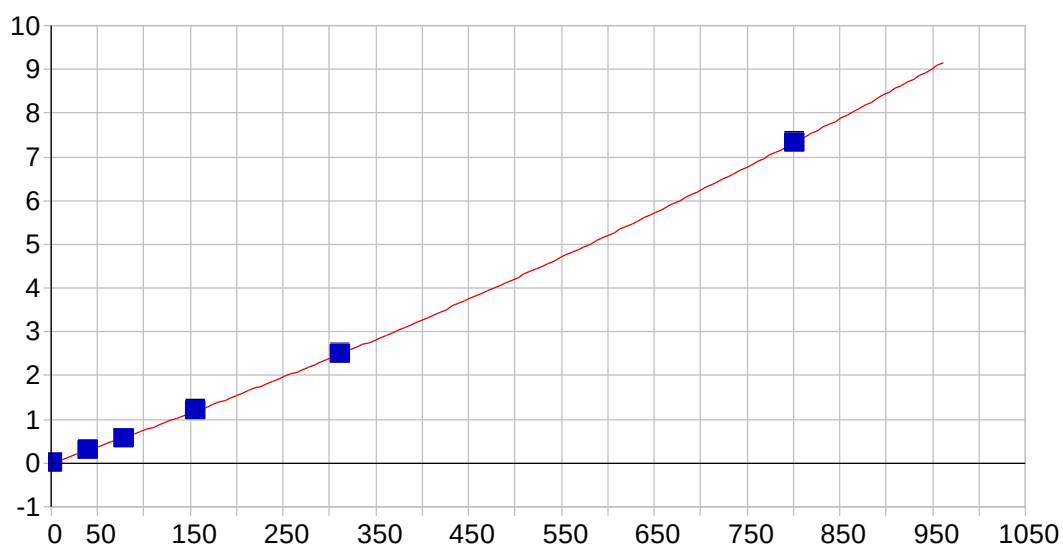
Status: OK.

Std Error of Est: 0.000144

Predicted MDL: 0.018668

Predicted MQL: 0.062226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00025	.000	1
S1	.20000	.19058	-.009	-4.71	.00032	.000	1
S3	77.500	64.458	-13.0	-16.8	.19005	.001	1
S4	155.00	140.65	-14.4	-9.26	.41500	.002	1
S5	310.00	291.33	-18.7	-6.02	.85987	.002	1
S6	800.00	850.82	50.8	6.35	2.5117	.005	1
S2	38.750	33.998	-4.75	-12.3	.10013	.000	1



AI 396.152 { 85}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000002

Re-Slope: 1.000000

A1 (Gain): 0.007261

Y-int: 0.000000

A2 (Curvature): 0.000002

n (Exponent): 1.000000

Correlation: 0.999917

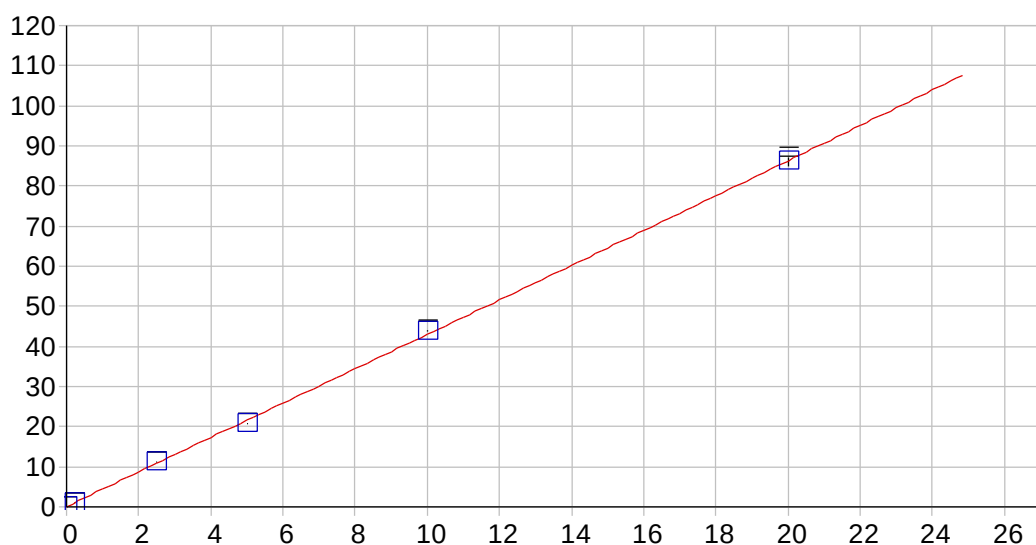
Status: Warning Positive Curvature

Std Error of Est: 0.000077

Predicted MDL: 0.011310

Predicted MQL: 0.037699

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00000	.000	1
S1	.20000	.21744	.017	8.72	.00160	.000	1
S3	77.500	73.323	-4.18	-5.39	.54645	.001	1
S4	155.00	157.72	2.72	1.75	1.2065	.003	1
S5	310.00	311.67	1.67	.538	2.4972	.008	1
S6	800.00	799.38	-.624	-.078	7.3111	.017	1
S2	38.750	39.052	.302	.779	.28784	.001	1



Ba 493.409 { 68}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.010569

Re-Slope: 1.000000

A1 (Gain): 4.419437

Y-int: 0.000000

A2 (Curvature): 0.008608

n (Exponent): 0.980000

Correlation: 0.999838

Status:

Warning

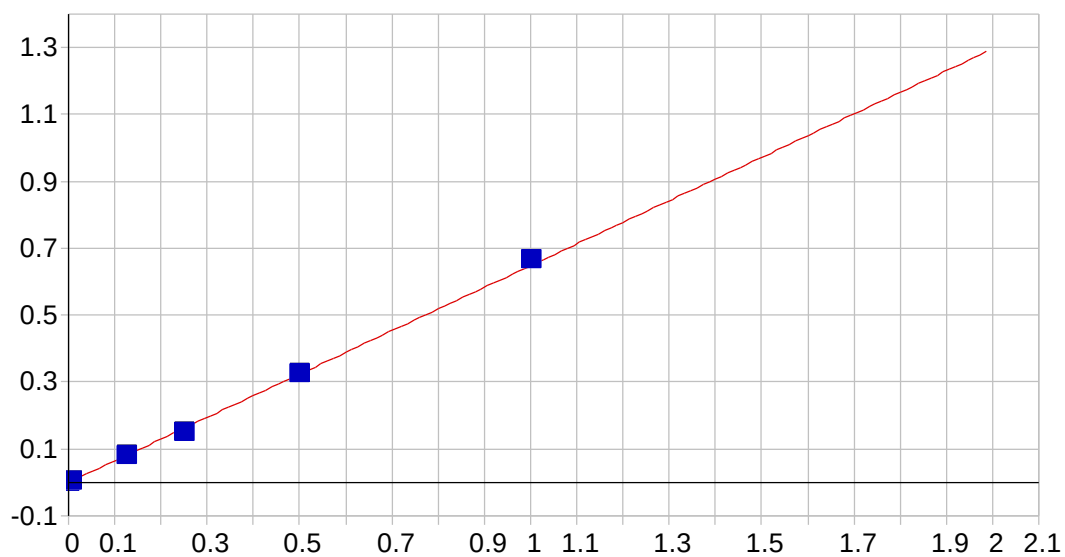
Positive Curvature

Std Error of Est: 0.011666

Predicted MDL: 0.000600

Predicted MQL: 0.002001

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01053	.001	1
S1	.20000	.20968	.010	4.84	.96703	.004	1
S3	5.0000	4.8098	-.190	-3.80	20.797	.011	1
S5	20.000	19.944	-.056	-.278	86.070	1.03	1
S4	10.000	10.197	.197	1.97	43.847	.036	1
S2	2.5000	2.5388	.039	1.55	11.077	.026	1



Be 234.861 {144}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000027

Re-Slope: 1.000000

A1 (Gain): 0.647882

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999356

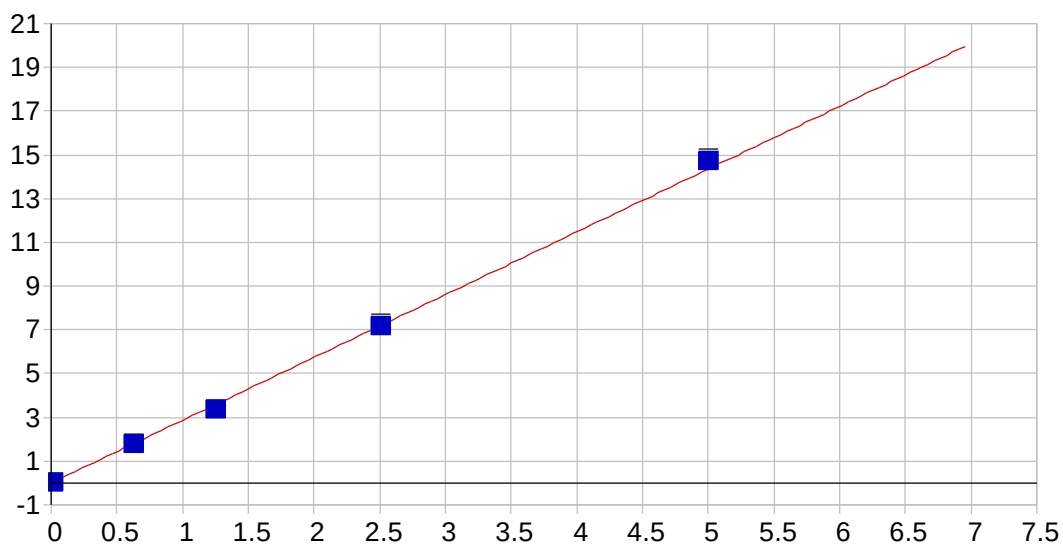
Status: OK.

Std Error of Est: 0.000087

Predicted MDL: 0.000068

Predicted MQL: 0.000228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00500	.00523	.000	4.52	.00341	.000	1
S3	.25000	.22963	-.020	-8.15	.14863	.000	1
S4	.50000	.49889	-.001	-.221	.32292	.000	1
S5	1.0000	1.0251	.025	2.51	.66349	.001	1
S2	.12500	.12115	-.004	-3.08	.07844	.000	1



Cd 226.502 {449}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000312

Re-Slope: 1.000000

A1 (Gain): 2.869834

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999456

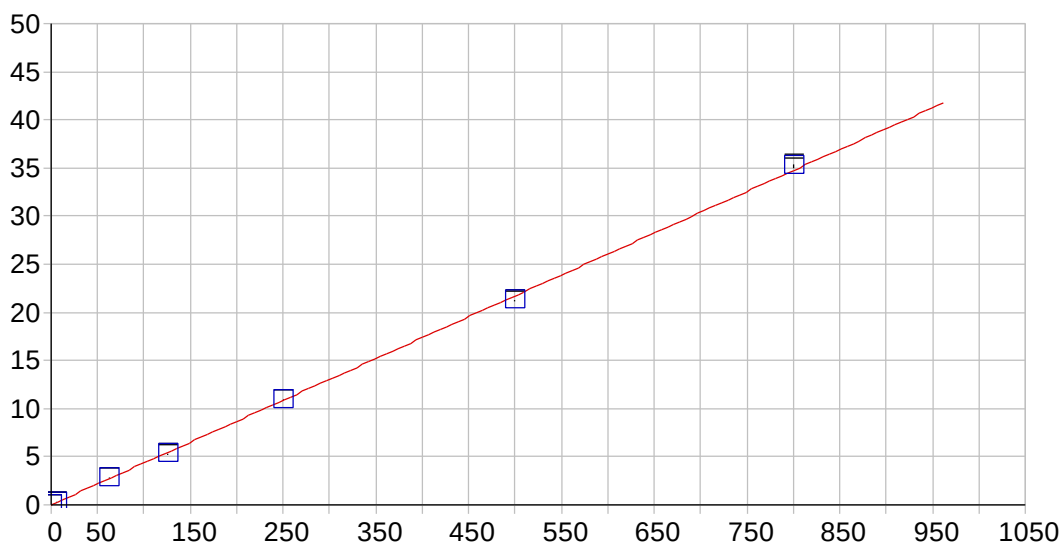
Status: OK.

Std Error of Est: 0.000798

Predicted MDL: 0.000102

Predicted MQL: 0.000341

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.00500	.00516	.000	3.24	.01451	.000	1
S3	1.2500	1.1530	-.097	-7.76	3.3268	.004	1
S4	2.5000	2.4954	-.005	-.183	7.1977	.036	1
S5	5.0000	5.1130	.113	2.26	14.746	.049	1
S2	.62500	.61343	-.012	-1.85	1.7693	.007	1

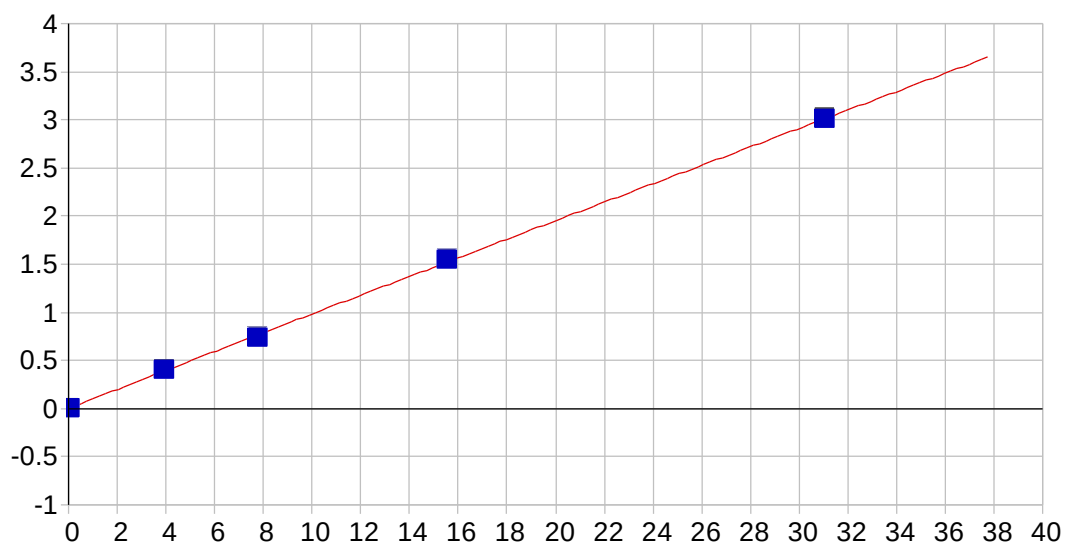


Ca 373.690 { 90}

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000712 Re-Slope: 1.000000
 A1 (Gain): 0.043422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.002779
 Predicted MDL: 0.015658
 Predicted MQL: 0.052193

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	62.500	64.968	2.47	3.95	2.8218	.004	1
S0	.00000	-.00036	.000	.000	.00070	.000	1
S3	125.00	121.19	-3.81	-3.04	5.2632	.020	1
S4	250.00	250.93	.927	.371	10.896	.019	1
S5	500.00	489.70	-10.3	-2.06	21.265	.059	1
S6	800.00	810.37	10.4	1.30	35.188	.164	1
S1	5.0000	5.3376	.338	6.75	.23248	.000	1



Cr 267.716 {126}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.000064

Re-Slope: 1.000000

A1 (Gain): 0.100855

Y-int: 0.000000

A2 (Curvature): -0.000016

n (Exponent): 0.990000

Correlation: 0.999830

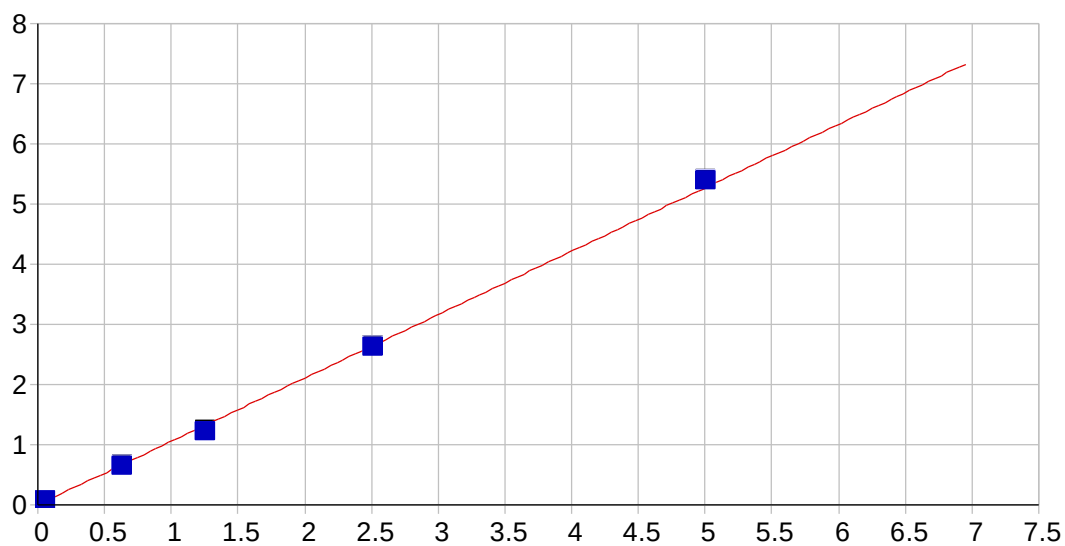
Status: OK.

Std Error of Est: 0.000075

Predicted MDL: 0.000549

Predicted MQL: 0.001829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01062	.001	6.18	.00119	.000	1
S3	7.7500	7.4448	-.305	-3.94	.73736	.003	1
S4	15.500	15.764	.264	1.70	1.5473	.002	1
S5	31.000	30.930	-.070	-.226	3.0087	.010	1
S2	3.8750	3.9859	.111	2.86	.39741	.002	1



Co 228.616 {447}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000624

Re-Slope: 1.000000

A1 (Gain): 1.054004

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999488

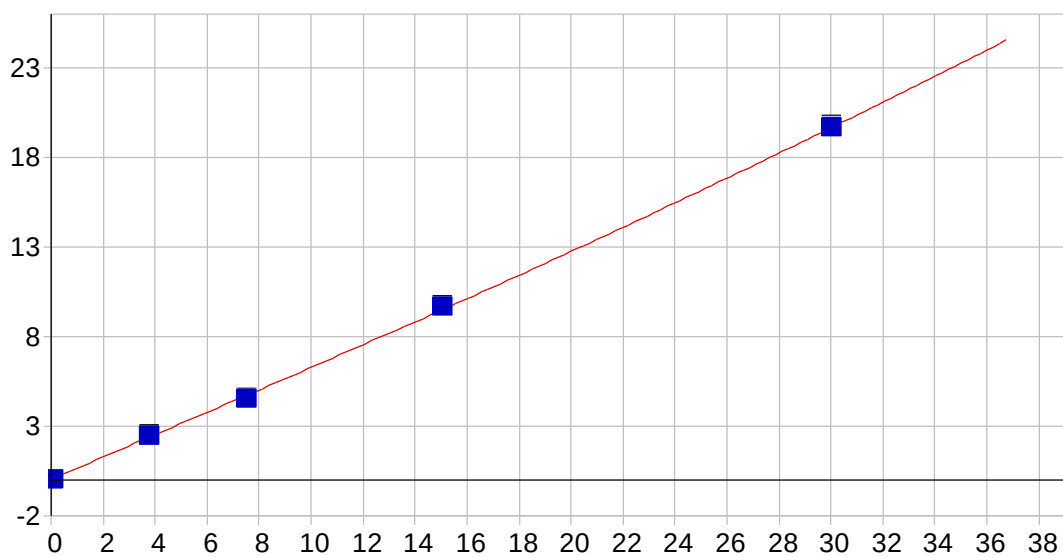
Status: OK.

Std Error of Est: 0.000897

Predicted MDL: 0.000254

Predicted MQL: 0.000845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.05000	.04994	.000	-.113	.05334	.000	1
S3	1.2500	1.1570	-.093	-7.44	1.2215	.004	1
S4	2.5000	2.4906	-.009	-.377	2.6285	.014	1
S5	5.0000	5.1129	.113	2.26	5.3952	.017	1
S2	.62500	.61461	-.010	-1.66	.64911	.001	1



Cu 224.700 {450}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000149

Re-Slope: 1.000000

A1 (Gain): 0.654559

Y-int: 0.000000

A2 (Curvature): 0.003665

n (Exponent): 0.960000

Correlation: 0.999839

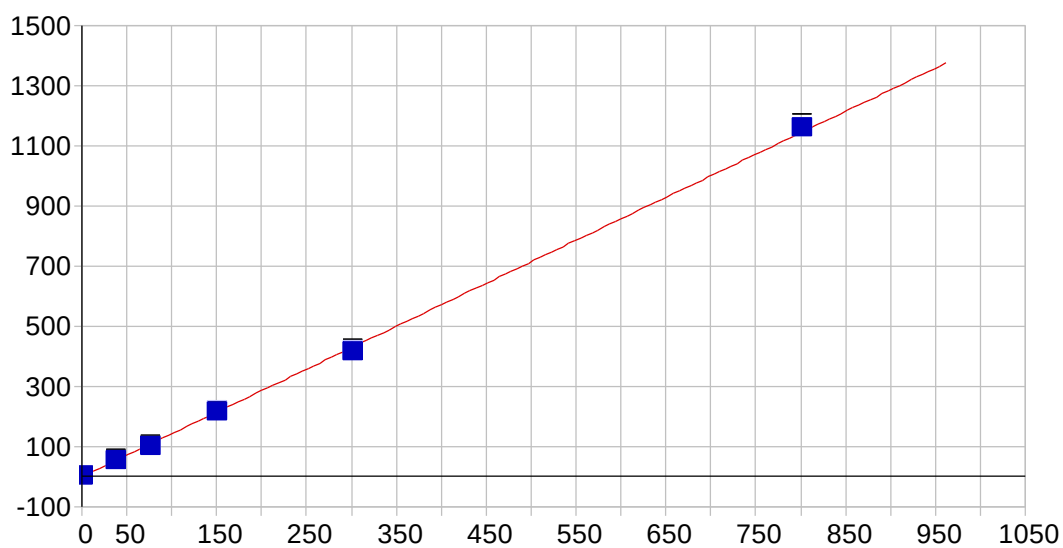
Status: Warning Positive Curvature

Std Error of Est: 0.000753

Predicted MDL: 0.000588

Predicted MQL: 0.001959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.02500	.02400	-.001	-4.00	.01814	.000	1
S3	7.5000	7.2049	-.295	-3.93	4.5399	.007	1
S4	15.000	15.214	.214	1.42	9.6525	.046	1
S5	30.000	29.953	-.047	-.158	19.697	.087	1
S2	3.7500	3.8787	.129	3.43	2.4641	.016	1



Fe 240.488 {140}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003357

Re-Slope: 1.000000

A1 (Gain): 1.429493

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999773

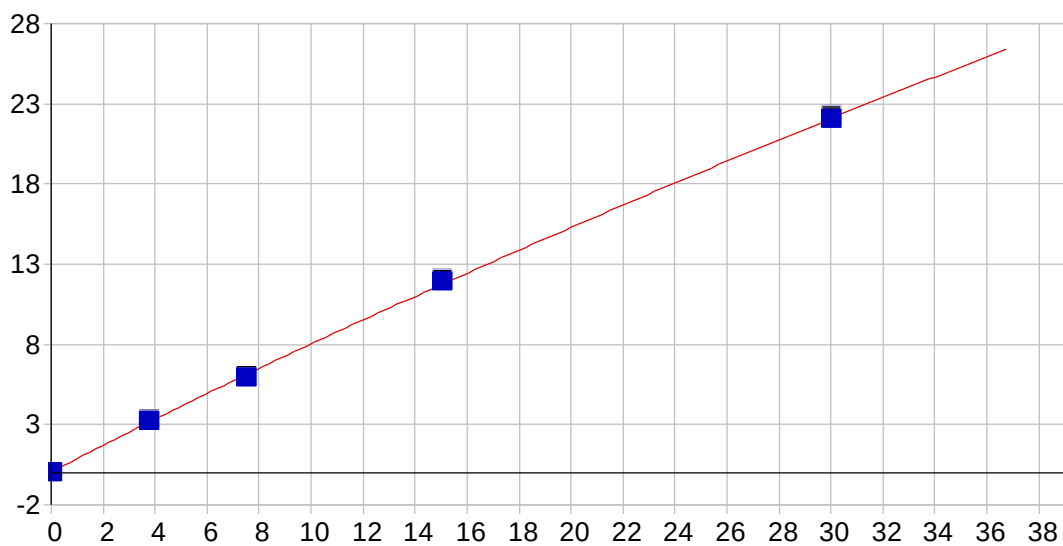
Status: OK.

Std Error of Est: 0.013299

Predicted MDL: 0.008881

Predicted MQL: 0.029604

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00333	.013	1
S1	.10000	.12000	.020	20.0	.17452	.004	1
S3	75.000	70.874	-4.13	-5.50	101.46	1.50	1
S4	150.00	151.71	1.71	1.14	217.17	1.07	1
S5	300.00	291.72	-8.28	-2.76	417.60	7.62	1
S6	800.00	809.85	9.85	1.23	1158.2	13.0	1
S2	37.500	38.332	.832	2.22	54.871	.693	1

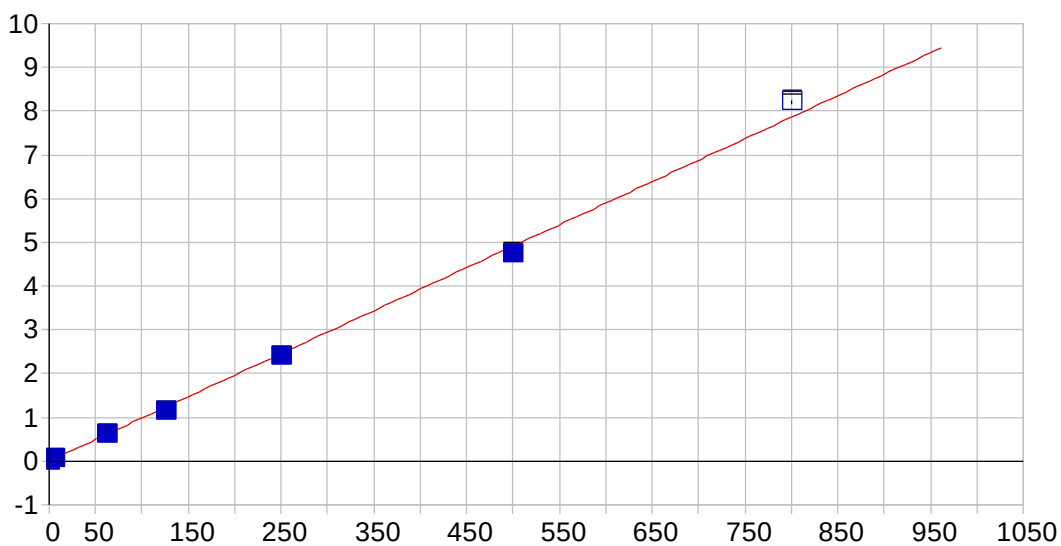


Mn 257.610 {131}

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.882200 Y-int: 0.000000
 A2 (Curvature): -0.002481
 n (Exponent): 0.970000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000675
 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	.00000	.000	1
S1	.01500	.01498	.000	-.143	.01503	.000	1
S3	7.5000	7.2239	-.276	-3.68	5.9387	.016	1
S4	15.000	15.264	.264	1.76	12.013	.028	1
S5	30.000	29.920	-.080	-.267	22.216	.074	1
S2	3.7500	3.8428	.093	2.48	3.2461	.003	1



Mg 279.079 {121}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000049

Re-Slope: 1.000000

A1 (Gain): 0.009826

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999093

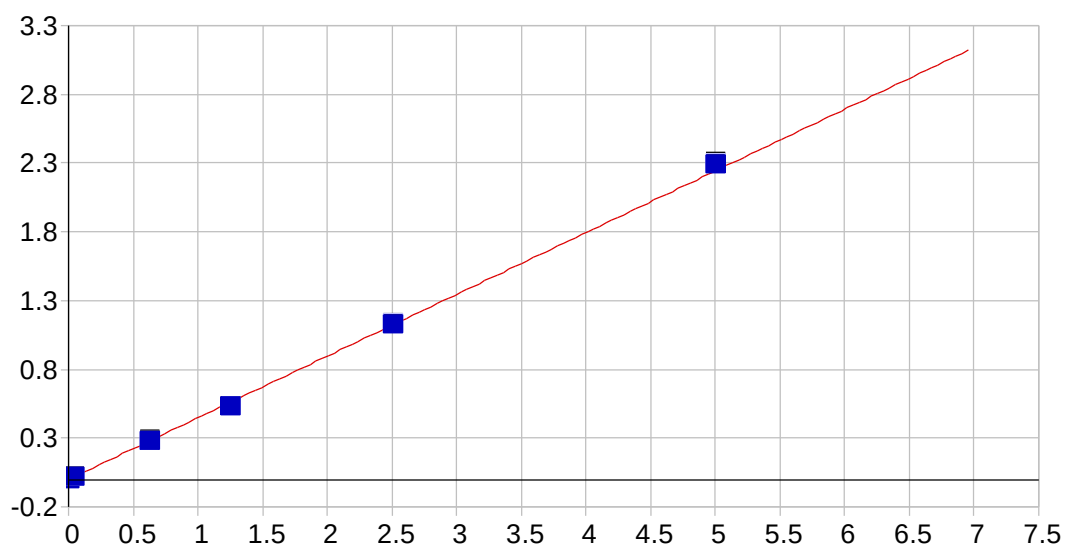
Status: OK.

Std Error of Est: 0.001462

Predicted MDL: 0.033170

Predicted MQL: 0.110568

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	62.500	61.162	-1.34	-2.14	.60090	.002	1
S0	.00000	.00036	.000	.000	.00005	.000	1
S3	125.00	114.94	-10.1	-8.05	1.1292	.002	1
S4	250.00	243.02	-6.98	-2.79	2.3875	.003	1
S5	500.00	483.01	-17.0	-3.40	4.7452	.017	1
S6	800.00	835.13	35.1	4.39	8.2059	.048	1
S1	5.0000	5.2346	.235	4.69	.05148	.000	1



Ni 231.604 {445}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000218

Re-Slope: 1.000000

A1 (Gain): 0.448809

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999591

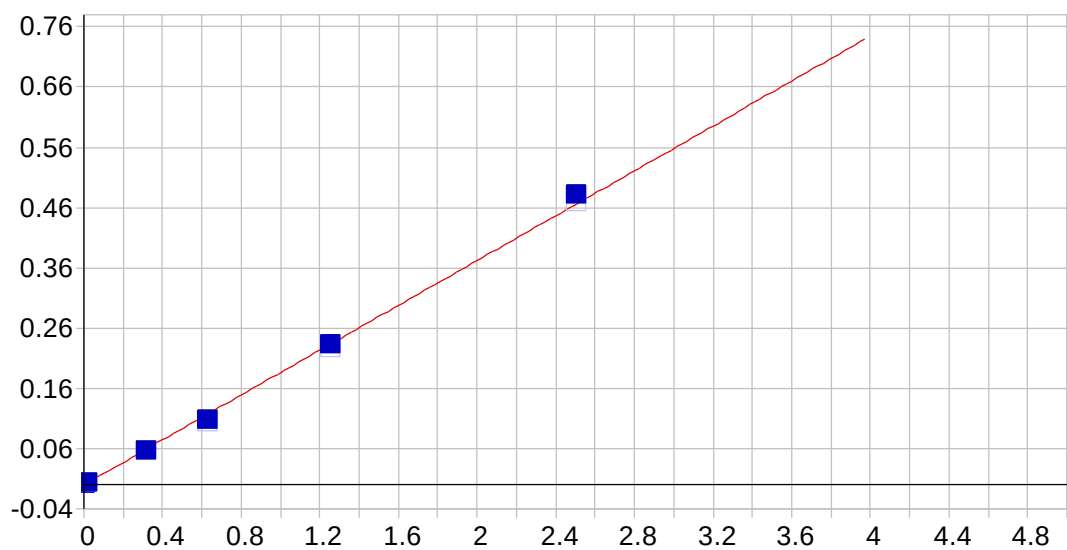
Status: OK.

Std Error of Est: 0.000307

Predicted MDL: 0.000516

Predicted MQL: 0.001722

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.04000	.04098	.001	2.45	.01818	.000	1
S3	1.2500	1.1629	-.087	-6.97	.52498	.003	1
S4	2.5000	2.5024	.002	.096	1.1295	.005	1
S5	5.0000	5.0903	.090	1.81	2.2975	.010	1
S2	.62500	.61847	-.007	-1.04	.27900	.000	1



Ag 328.068 {103}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000060

Re-Slope: 1.000000

A1 (Gain): 0.186112

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999110

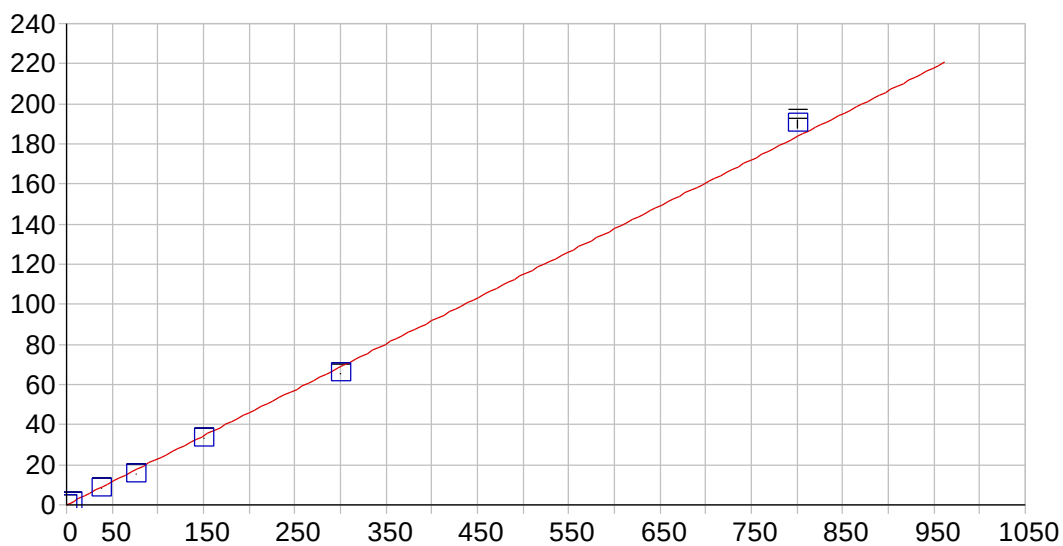
Status: OK.

Std Error of Est: 0.000064

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	-.00006	.000	1
S1	.01000	.01036	.000	3.63	.00182	.000	1
S3	.62500	.56836	-.057	-9.06	.10295	.000	1
S4	1.2500	1.2414	-.009	-.690	.22545	.001	1
S5	2.5000	2.5765	.077	3.06	.46841	.001	1
S2	.31250	.30088	-.012	-3.72	.05456	.000	1

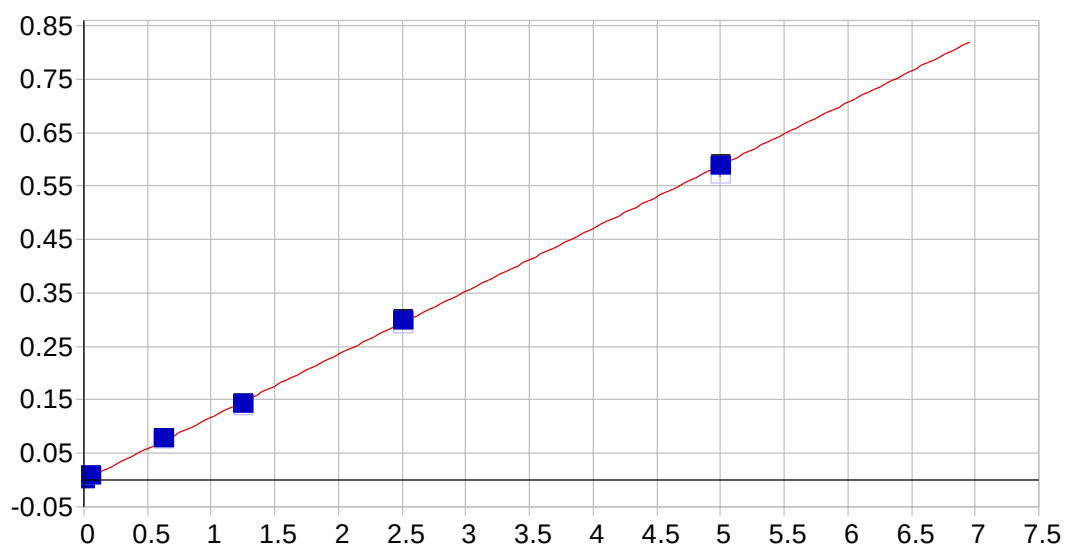


Na 589.592 { 57}

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029282 Re-Slope: 1.000000
 A1 (Gain): 0.229336 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999038 Status: OK.
 Std Error of Est: 0.031131
 Predicted MDL: 0.008869
 Predicted MQL: 0.029564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	37.500	35.681	-1.82	-4.85	8.2121	.011	1
S0	.00000	.00090	.001	.000	.02949	.001	1
S3	75.000	67.884	-7.12	-9.49	15.597	.020	1
S4	150.00	144.38	-5.62	-3.75	33.141	.016	1
S5	300.00	286.04	-14.0	-4.65	65.629	.429	1
S6	800.00	828.45	28.4	3.56	190.02	2.24	1
S1	5.0000	5.0620	.062	1.24	1.1902	.001	1



V 292.402 {115}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000070

Re-Slope: 1.000000

A1 (Gain): 0.117810

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999802

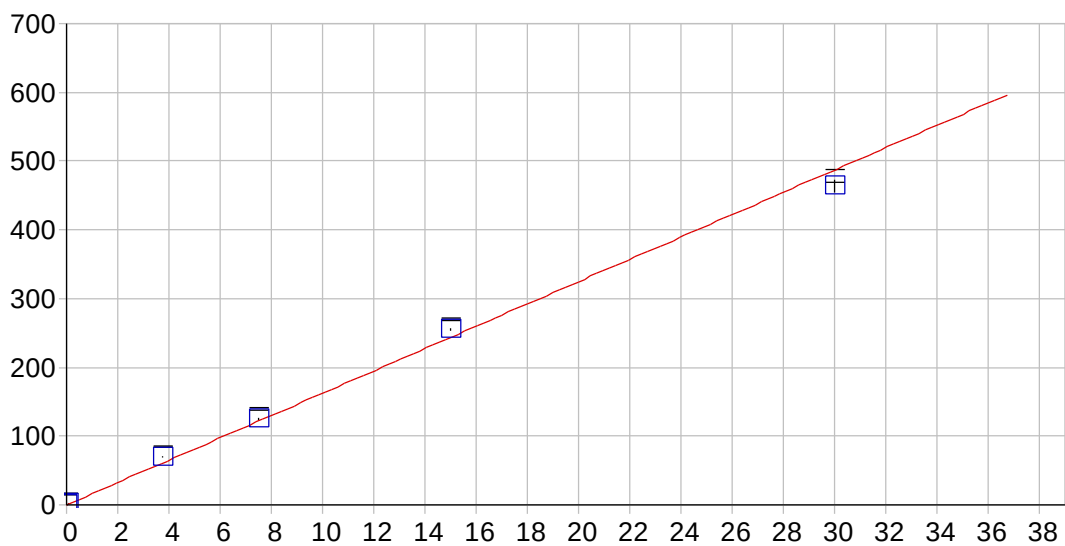
Status: OK.

Std Error of Est: 0.000060

Predicted MDL: 0.000562

Predicted MQL: 0.001873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00007	.000	1
S1	.05000	.05498	.005	9.96	.00640	.000	1
S3	1.2500	1.2041	-.046	-3.67	.13744	.000	1
S4	2.5000	2.5336	.034	1.34	.28971	.001	1
S5	5.0000	4.9843	-.016	-.315	.56973	.001	1
S2	.62500	.64792	.023	3.67	.07409	.000	1



Zn 206.200 {163}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

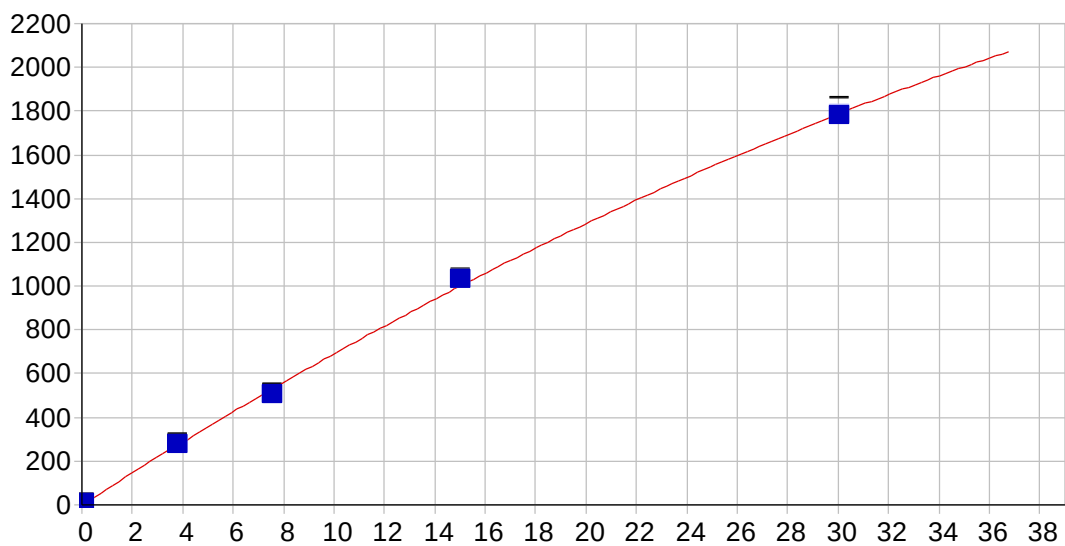
Weighting: 1/Conc

A0 (Offset): 0.015757
 A1 (Gain): 16.233561
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998374
 Std Error of Est: 0.065944
 Predicted MDL: 0.000818
 Predicted MQL: 0.002725

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	-.00003	.000	.000	.01534	.011	1
S1	.06000	.07610	.016	26.8	1.2511	.014	1
S3	7.5000	7.6964	.196	2.62	124.96	1.71	1
S4	15.000	15.745	.745	4.97	255.62	1.59	1
S5	30.000	28.544	-1.46	-4.85	463.38	8.84	1
S2	3.7500	4.2487	.499	13.3	68.988	.881	1

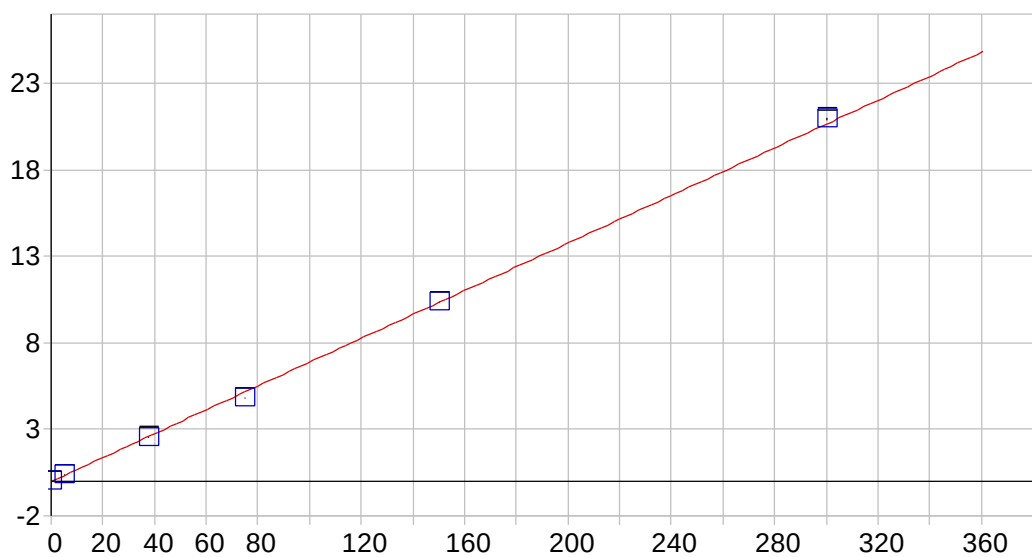


Zn 213.856 {458}

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.039089 Re-Slope: 1.000000
 A1 (Gain): 73.715834 Y-int: 0.000000
 A2 (Curvature): -0.472424
 n (Exponent): 1.000000
 Correlation: 0.999690 Status: OK.
 Std Error of Est: 0.131196
 Predicted MDL: 0.000097
 Predicted MQL: 0.000323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.03869	.007	1
S1	.06000	.06573	.006	9.55	4.8996	.060	1
S3	7.5000	7.1310	-.369	-4.92	503.24	8.06	1
S4	15.000	15.466	.466	3.11	1030.3	4.78	1
S5	30.000	29.818	-.182	-.607	1784.3	33.0	1
S2	3.7500	3.8190	.069	1.84	275.45	3.43	1



K 766.490 { 44}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005366

Re-Slope: 1.000000

A1 (Gain): 0.068844

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999650

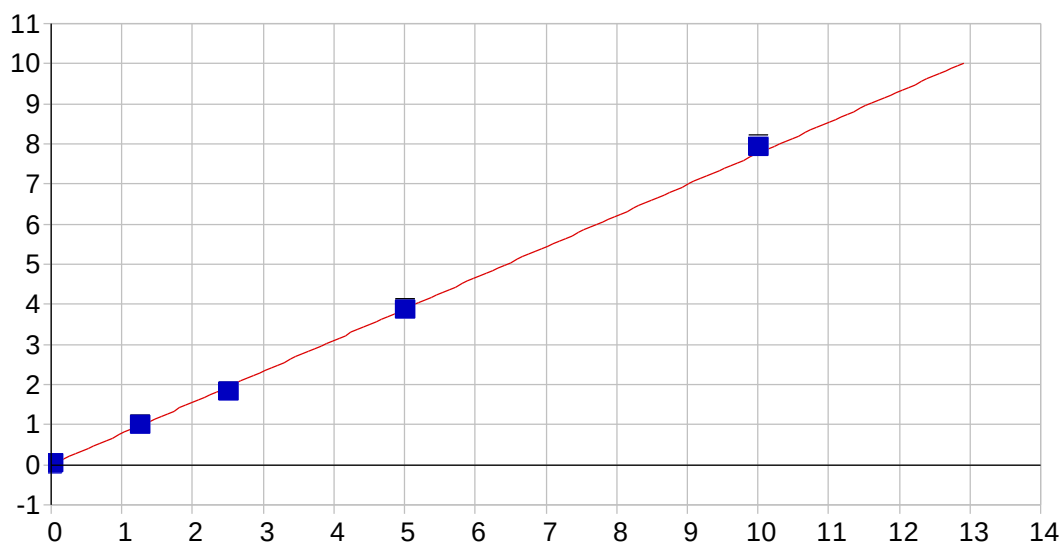
Status: OK.

Std Error of Est: 0.003758

Predicted MDL: 0.032524

Predicted MQL: 0.108414

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	37.500	37.038	-.462	-1.23	2.5445	.009	1
S0	.00000	.00011	.000	.000	-.00536	.001	1
S3	75.000	70.142	-4.86	-6.48	4.8235	.003	1
S4	150.00	150.60	.603	.402	10.363	.009	1
S5	300.00	304.54	4.54	1.51	20.960	.066	1
S1	5.0000	5.1760	.176	3.52	.35097	.002	1

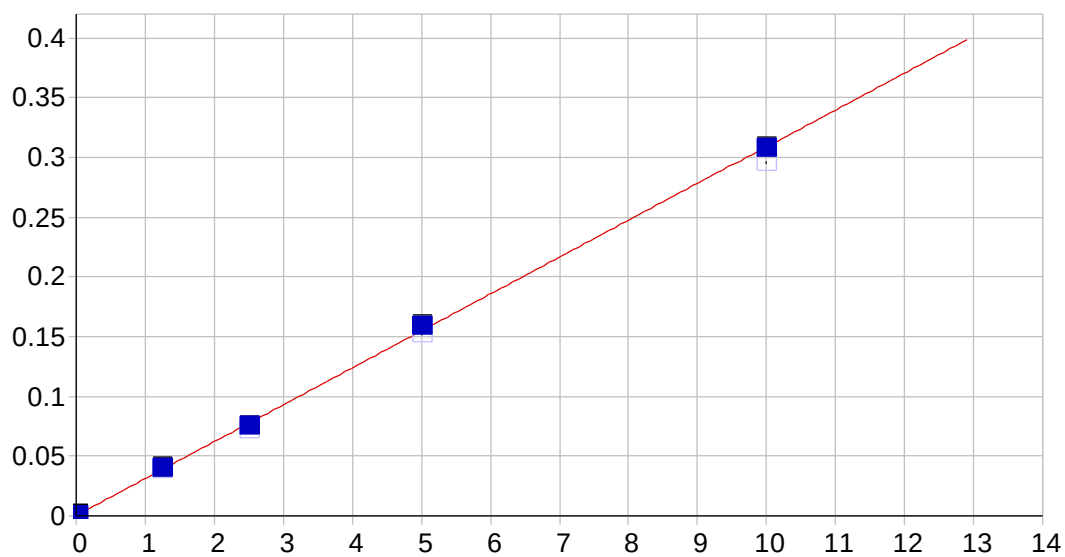


Mo 202.030 {467}

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000221 Re-Slope: 1.000000
 A1 (Gain): 0.776038 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999531 Status: OK.
 Std Error of Est: 0.000399
 Predicted MDL: 0.000344
 Predicted MQL: 0.001145

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.01060	.001	6.02	.00844	.000	1
S3	2.5000	2.3184	-.182	-7.26	1.8001	.004	1
S4	5.0000	4.9682	-.032	-.637	3.8571	.017	1
S5	10.000	10.203	.203	2.03	7.9208	.033	1
S2	1.2500	1.2600	.010	.796	.97834	.002	1



B 249.678 {135}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000342

Re-Slope: 1.000000

A1 (Gain): 0.030871

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999725

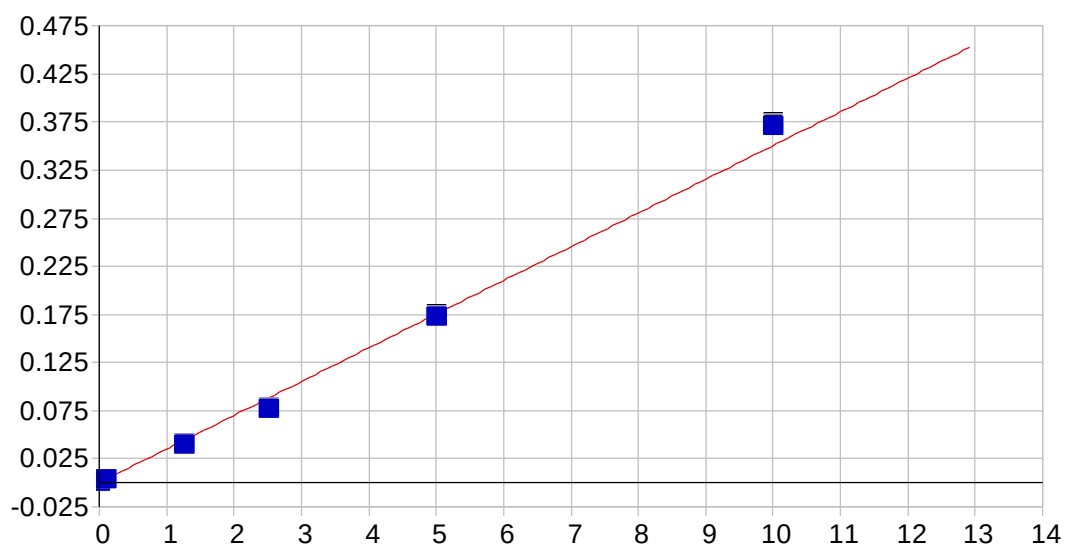
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.007896

Predicted MQL: 0.026319

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.01000	.00517	-.005	-48.3	.00050	.000	1
S3	2.5000	2.4088	-.091	-3.65	.07182	.000	1
S4	5.0000	5.1169	.117	2.34	.15253	.001	1
S5	10.000	9.9463	-.054	-.537	.29585	.001	1
S2	1.2500	1.2830	.033	2.64	.03851	.000	1



S 182.034 {485}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000079

Re-Slope: 1.000000

A1 (Gain): 0.035059

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.997693

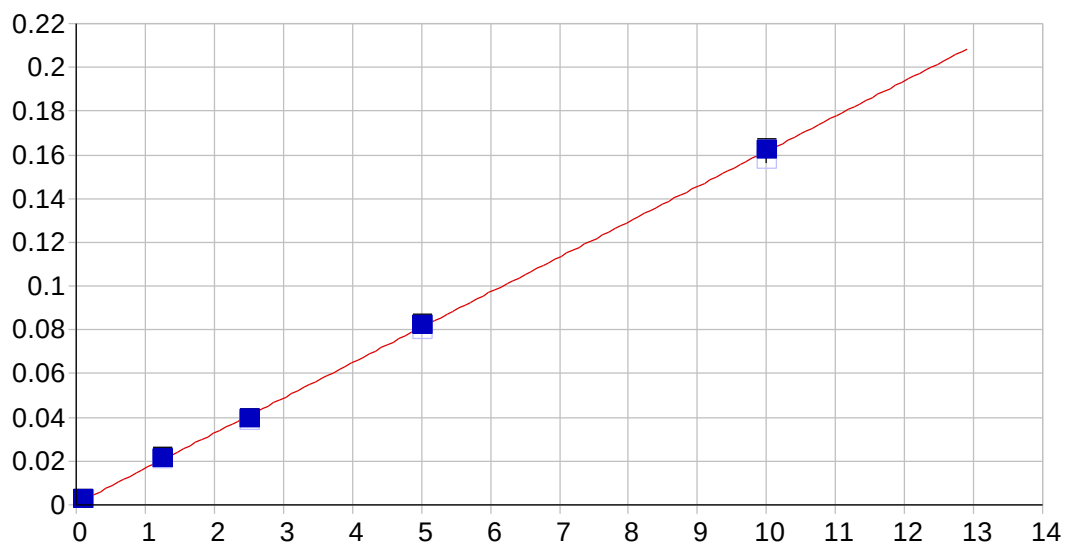
Status: OK.

Std Error of Est: 0.000128

Predicted MDL: 0.003748

Predicted MQL: 0.012494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00008	.000	1
S1	.10000	.09040	-.010	-9.60	.00327	.000	1
S3	2.5000	2.1758	-.324	-13.0	.07719	.000	1
S4	5.0000	4.9091	-.091	-1.82	.17385	.000	1
S5	10.000	10.555	.555	5.55	.37345	.001	1
S2	1.2500	1.1200	-.130	-10.4	.03976	.000	1

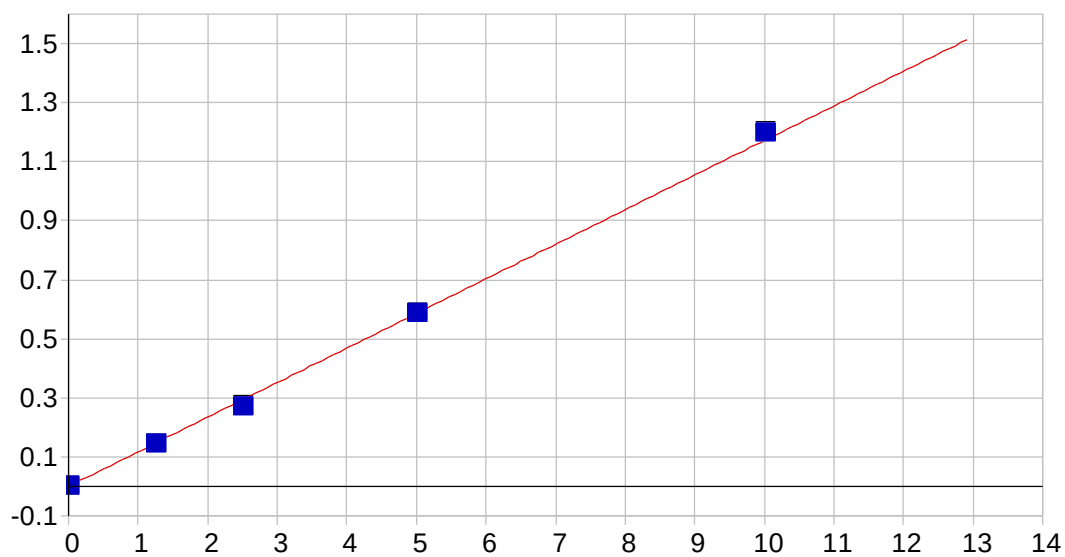


Si 288.158 {117}

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000514 Re-Slope: 1.000000
 A1 (Gain): 0.016110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.020366
 Predicted MQL: 0.067888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.10000	.10085	.001	.845	.00214	.000	1
S3	2.5000	2.3841	-.116	-4.64	.03777	.000	1
S4	5.0000	5.0688	.069	1.38	.07987	.001	1
S5	10.000	10.012	.012	.117	.15719	.001	1
S2	1.2500	1.2846	.035	2.77	.02063	.000	1



Sn 189.989 {477}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000068

Re-Slope: 1.000000

A1 (Gain): 0.117181

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999463

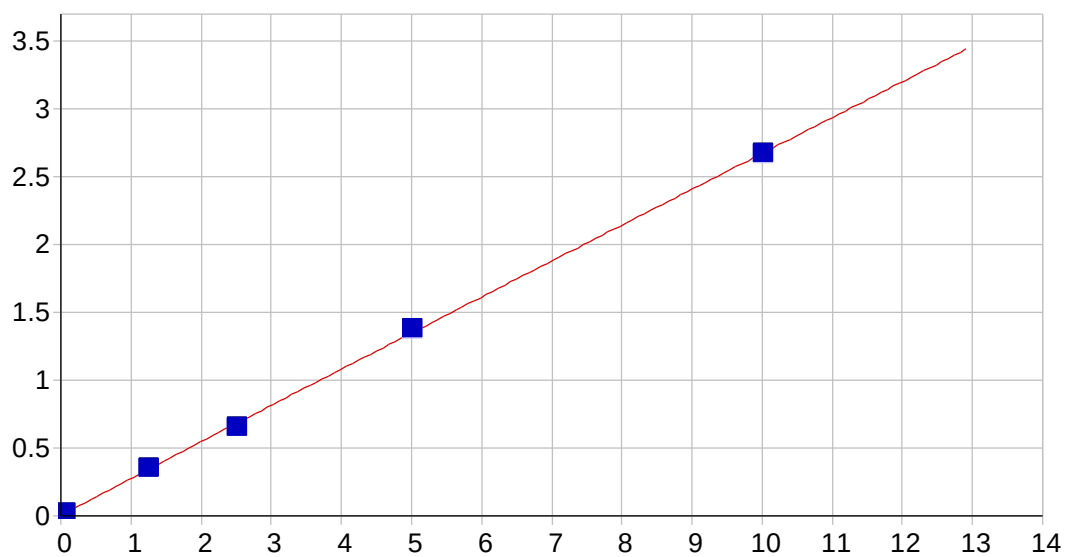
Status: OK.

Std Error of Est: 0.000054

Predicted MDL: 0.001124

Predicted MQL: 0.003745

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.00700	.00757	.001	8.15	.00082	.000	1
S3	2.5000	2.3087	-.191	-7.65	.27038	.001	1
S4	5.0000	5.0011	.001	.023	.58581	.001	1
S5	10.000	10.219	.219	2.19	1.1970	.005	1
S2	1.2500	1.2211	-.029	-2.31	.14298	.000	1



Ti 336.121 {100}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.002735

Re-Slope: 1.000000

A1 (Gain): 0.273727

Y-int: 0.000000

A2 (Curvature): -0.000046

n (Exponent): 0.990000

Correlation: 0.999815

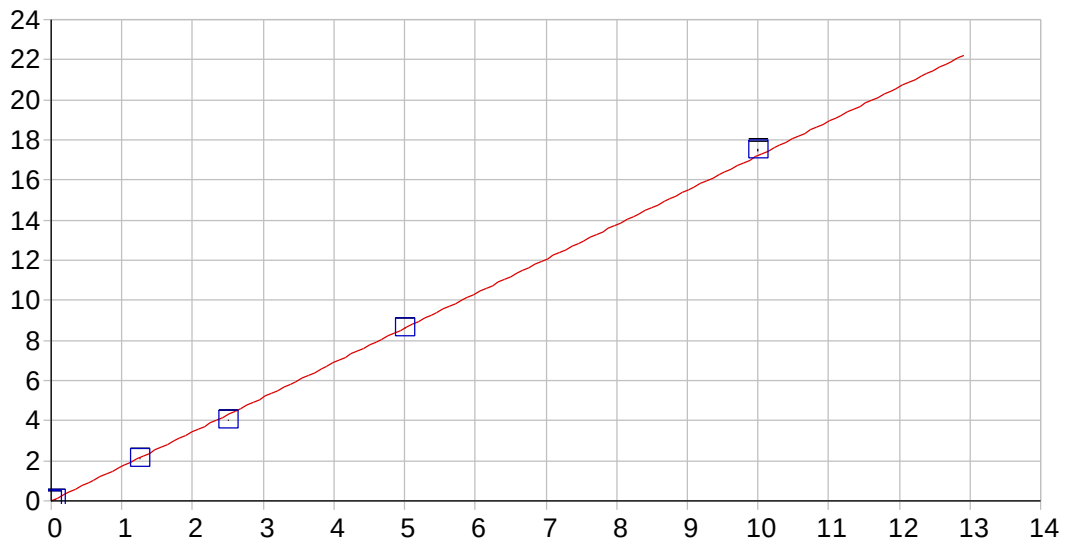
Status: OK.

Std Error of Est: 0.000274

Predicted MDL: 0.001744

Predicted MQL: 0.005812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00273	.000	1
S1	.05000	.05326	.003	6.51	.01774	.000	1
S3	2.5000	2.3978	-.102	-4.09	.65282	.002	1
S4	5.0000	5.0949	.095	1.90	1.3731	.007	1
S5	10.000	9.9742	-.026	-.258	2.6654	.008	1
S2	1.2500	1.2799	.030	2.39	.35200	.001	1



Li 670.784 { 50 }

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003169

Re-Slope: 1.000000

A1 (Gain): 1.720437

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999618

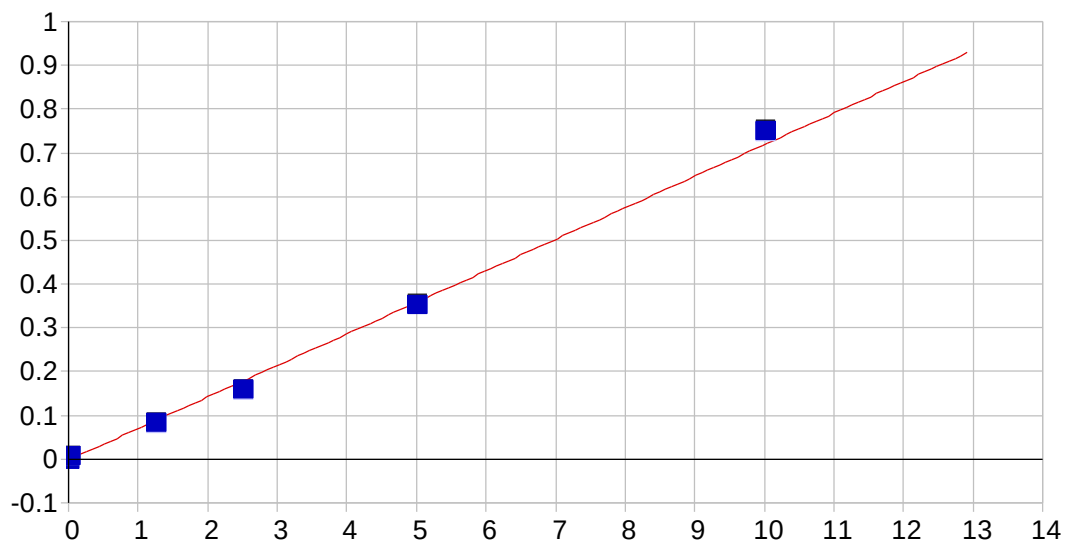
Status: OK.

Std Error of Est: 0.001785

Predicted MDL: 0.001282

Predicted MQL: 0.004274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00317	.002	1
S1	.05000	.05175	.002	3.50	.09221	.002	1
S3	2.5000	2.3328	-.167	-6.69	4.0166	.006	1
S4	5.0000	5.0191	.019	.383	8.6383	.004	1
S5	10.000	10.166	.166	1.66	17.493	.071	1
S2	1.2500	1.2304	-.020	-1.57	2.1200	.008	1



P 177.495 {490}

Date of Fit: 7/18/2018 19:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002322

Re-Slope: 1.000000

A1 (Gain): 0.072094

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.982703

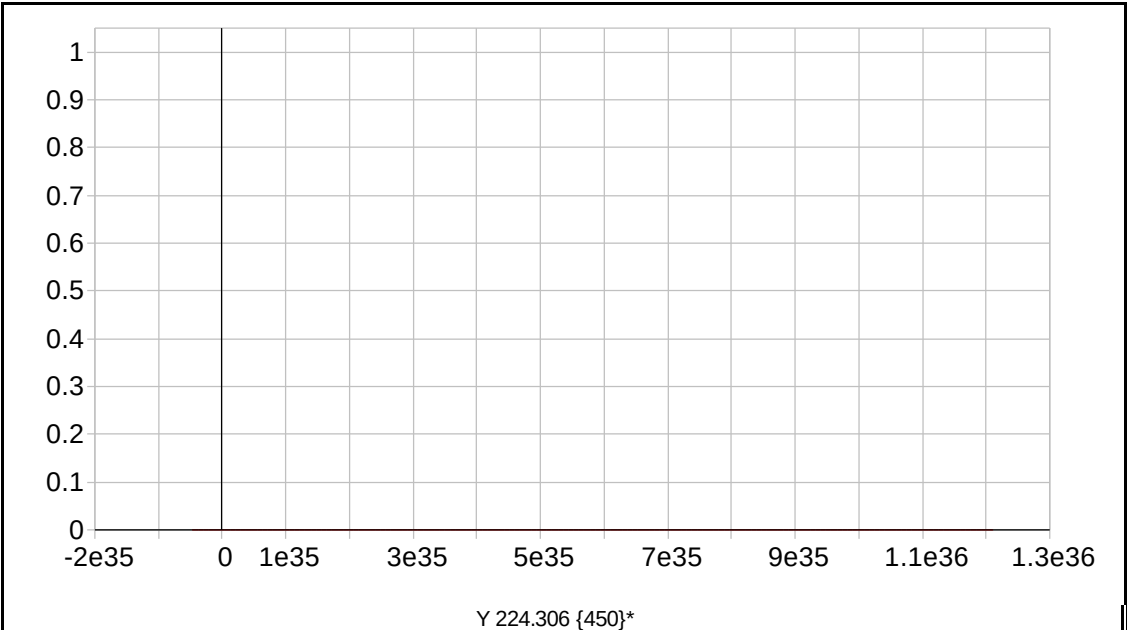
Status: OK.

Std Error of Est: 0.000226

Predicted MDL: 0.001896

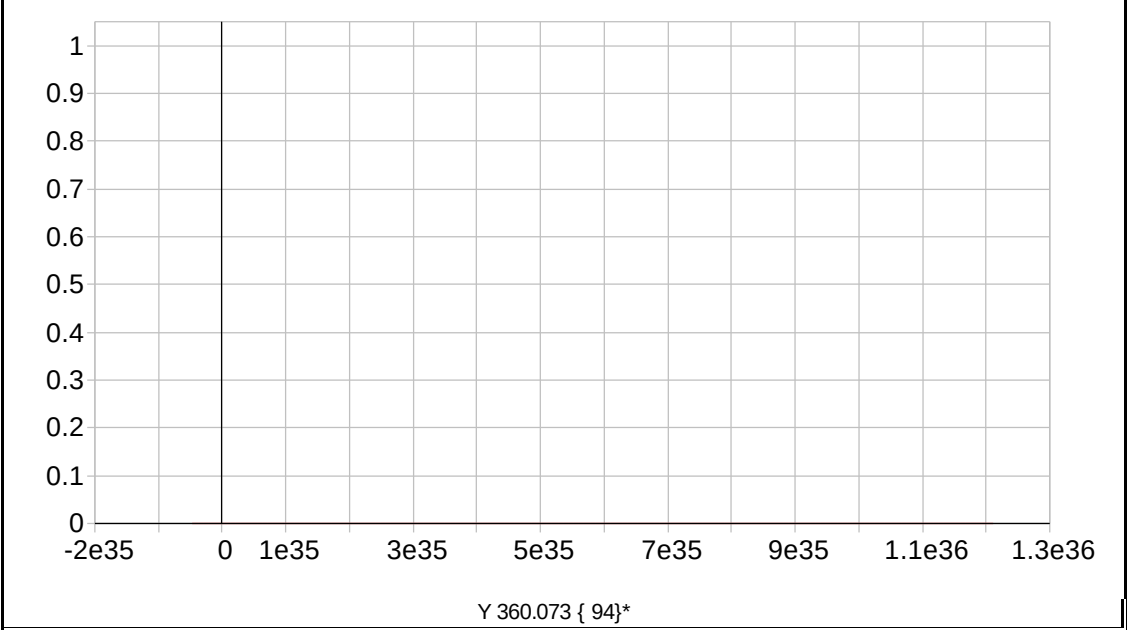
Predicted MQL: 0.006321

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00233	.000	1
S1	.01000	.08703	.077	770.	.00395	.000	1
S3	2.5000	2.2003	-.300	-12.0	.15525	.001	1
S4	5.0000	4.9066	-.093	-1.87	.34931	.001	1
S5	10.000	10.422	.422	4.22	.74484	.002	1
S2	1.2500	1.1435	-.106	-8.52	.07959	.000	1



Y 224.306 {450}*
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc
A0 (Offset): 0.000000 Re-Slope: 1.000000
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
-----------	--------------	-------------	------------	---------	-------	---------	----------



Y 360.073 { 94}*
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000

Status: Warning Zero Gain

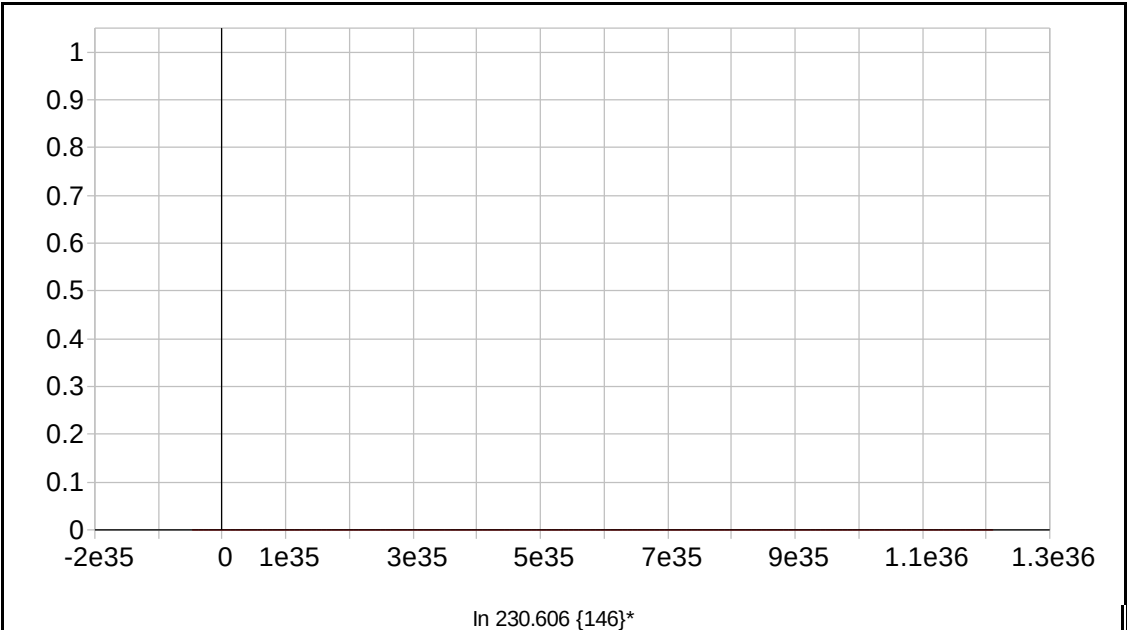
A blank coordinate system with a vertical line at $x=0$ and a horizontal line at $y=0$. The x-axis is labeled from $-2e35$ to $1.3e36$, and the y-axis is labeled from 0 to 1. The grid is composed of 10x10 major squares.

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

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

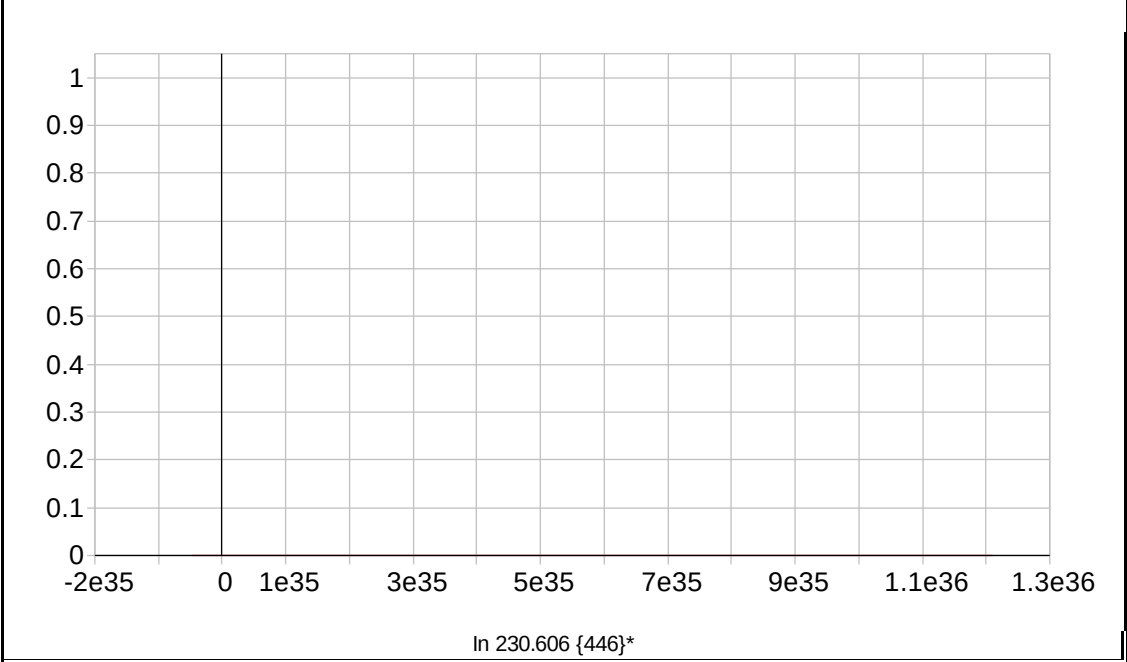
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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

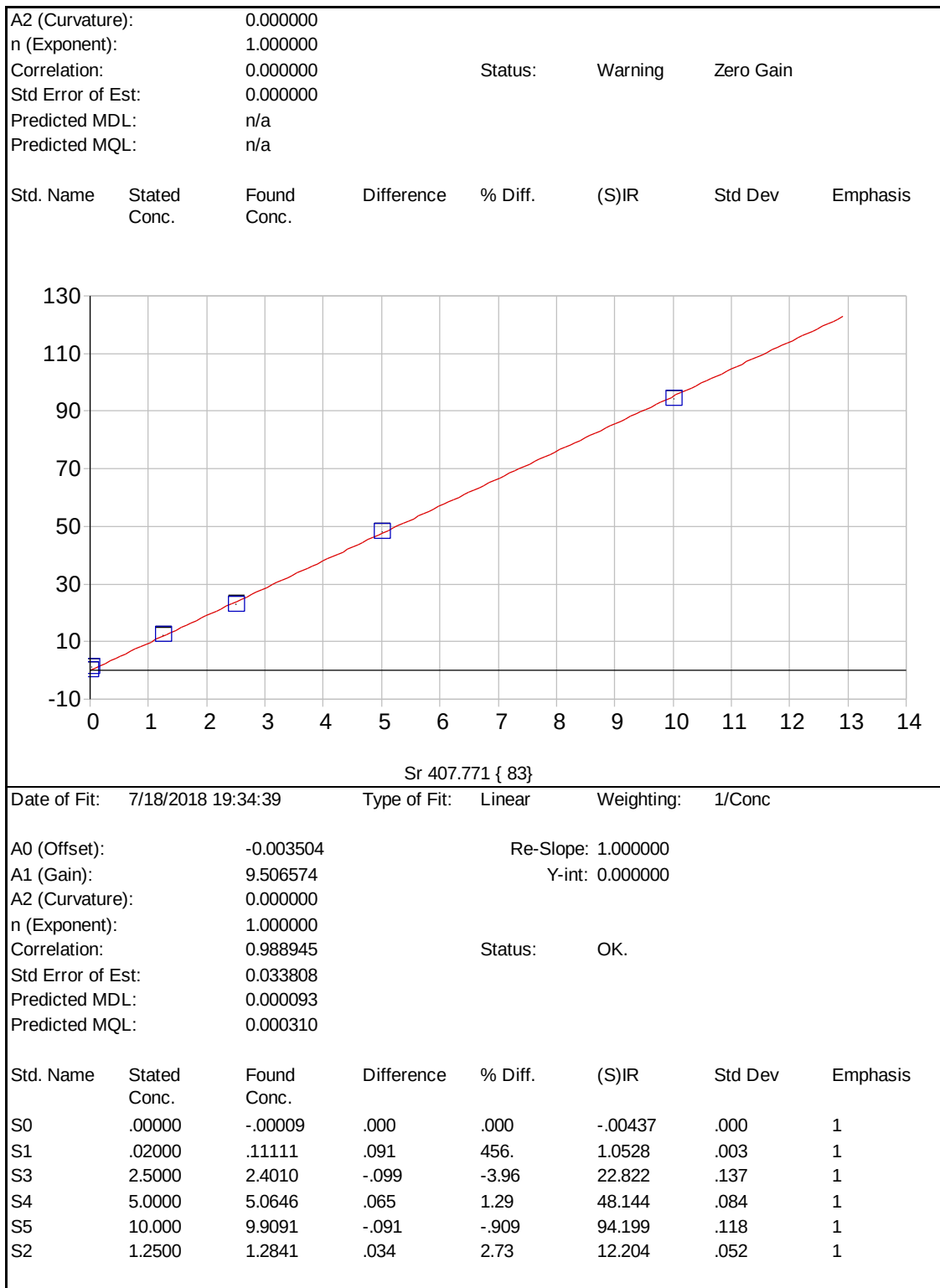
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

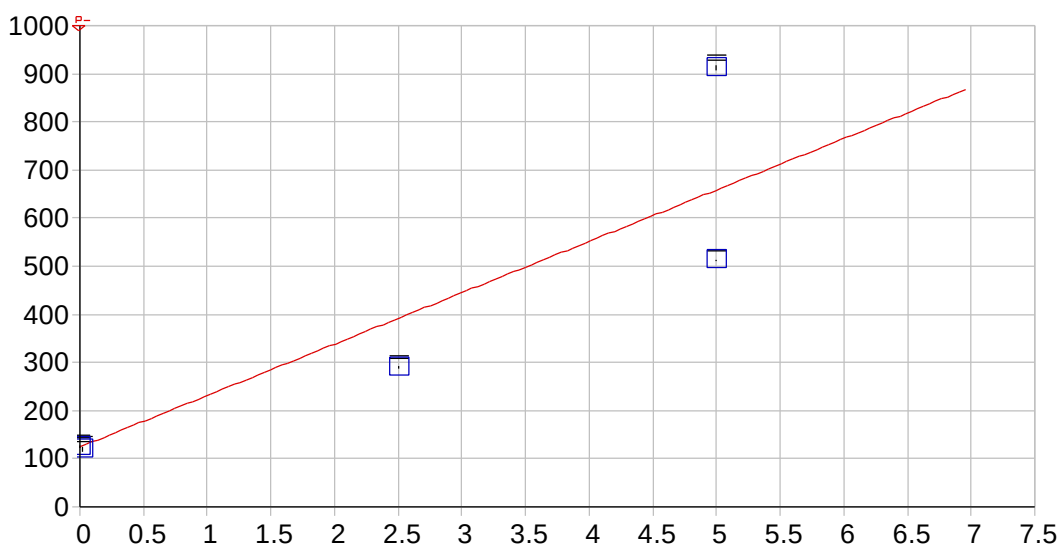
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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



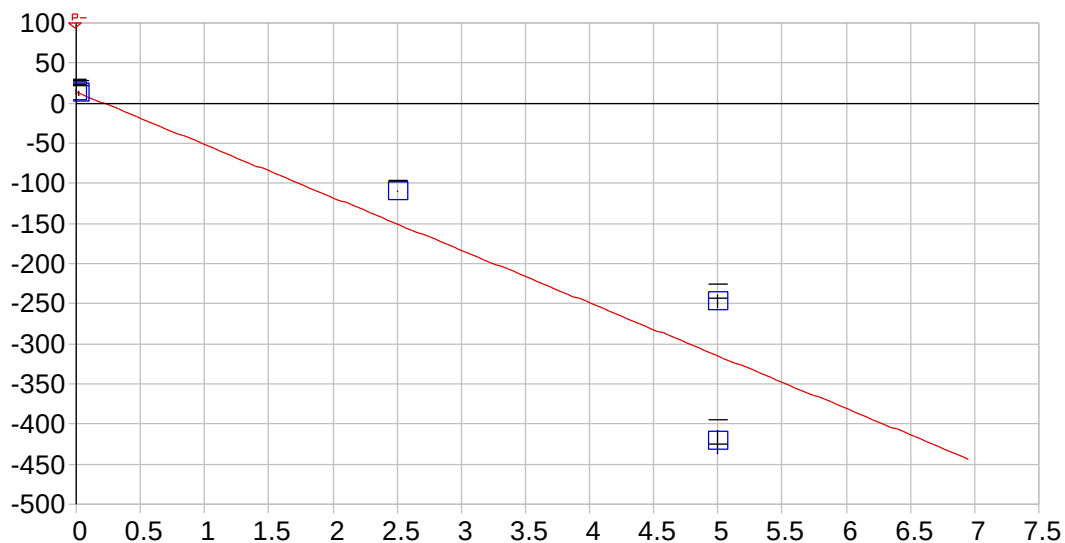


U 367.007 { 92 }

Date of Fit: 7/18/2018 19:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 124.523657 Re-Slope: 1.000000
 A1 (Gain): 106.800371 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.925264 Status: OK.
 Std Error of Est: 0.893990
 Predicted MDL: 0.057886
 Predicted MQL: 0.192954

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	124.53	2.65	1
S1	.02000	-.04917	-.069	-346.	119.27	4.84	1
S3	2.5000	1.5596	-.940	-37.6	291.09	2.66	1
S4	5.0000	3.6279	-1.37	-27.4	511.99	2.54	1
S5	5.0000	7.3816	2.38	47.6	912.89	5.36	1



U 385.958 { 87}							
Date of Fit:		7/18/2018 19:34:39		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		14.087245		Re-Slope: 1.000000			
A1 (Gain):		-65.802937		Y-int: 0.000000			
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.965946		Status:	Warning	Negative Gain	
Std Error of Est:		0.359899					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	14.088	3.43	1
S1	.02000	.02991	.010	49.6	12.119	3.52	1
S3	2.5000	1.8854	-.615	-24.6	-109.98	.617	1
S4	5.0000	3.9741	-1.03	-20.5	-247.42	8.68	1
S5	5.0000	6.6306	1.63	32.6	-422.23	14.9	1

Sample Name: S0 Acquired: 7/18/2018 16:32:53 Type: Cal
Method: P5-ISM02.4(v25) 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	.00017	.00007	.00012	.00007	.00046	.00000	.01053	.00003
Stddev	.00013	.00014	.00016	.00019	.00001	.0000	.00091	.00003
%RSD	75.348	193.07	133.59	251.49	2.9944	1445.1	8.6680	106.83

#1	-.00003	-.00003	.00005	.00028	.00045	-.00001	.01084	.00003
#2	-.00019	-.00024	-.00015	-.00009	.00046	.00003	.00950	.00000
#3	-.00029	.00004	-.00026	.00003	.00048	-.00003	.01125	.00006

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	.00031	.00070	.00006	.00063	.00015	.00333	.00000	.00005
Stddev	.00012	.00022	.00007	.00007	.00011	.01315	.00004	.00017
%RSD	38.358	32.069	105.54	11.777	76.928	394.37	1449.5	324.50

#1	-.00038	.00077	.00013	.00068	-.00006	-.00692	.00005	.00015
#2	-.00038	.00044	.00000	.00054	-.00028	.01816	-.00001	.00015
#3	-.00017	.00087	.00006	.00066	-.00011	-.00124	-.00003	-.00014

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	.00022	.00006	.02949	.00007	.03869	.00536	.00022	.00034
Stddev	.00021	.00004	.00099	.00002	.00672	.00138	.00023	.00019
%RSD	94.708	62.602	3.3484	22.142	17.365	25.822	106.12	56.523

#1	.00001	-.00008	.03052	-.00009	.04237	-.00619	.00010	.00014
#2	-.00027	-.00002	.02940	-.00007	.03094	-.00613	.00049	.00052
#3	-.00039	-.00008	.02855	-.00005	.04277	-.00376	.00007	.00036

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	.00008	.00051	.00007	.00273	.00317	.0023	.00437	124.53
Stddev	.00019	.00034	.00007	.00015	.00186	.0001	.00014	2.65
%RSD	233.42	66.212	99.203	5.4348	58.701	2.977	3.2927	2.1240

#1	-.00003	.00074	.00000	.00291	.00339	-.0023	-.00441	123.16
#2	.00030	.00012	-.00013	.00264	.00491	-.0024	-.00421	122.85
#3	-.00003	.00067	-.00007	.00265	.00121	-.0023	-.00448	127.58

Sample Name: S0 Acquired: 7/18/2018 16:32:53 Type: Cal
 Method: P5-ISM02.4(v25) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	U_ 3859
Units	Cts/S
Avg	14.088
Stddev	3.426
%RSD	24.316

#1	18.042
#2	12.036
#3	12.185

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.9	54233.	4985.9	32.302	2908.3
Stddev	1.9	114.	34.1	1.381	8.2
%RSD	.10072	.21071	.68439	1.6775	.28037

#1	1909.9	54141.	4946.6	82.800	2904.1
#2	1907.9	54361.	5008.2	83.364	2903.1
#3	1911.8	54198.	5002.9	80.741	2917.7

Sample Name: S1 Acquired: 7/18/2018 16:37:44 Type: Cal
Method: P5-ISM02.4(v25) 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	.00060	.00275	.00211	.00264	.01226	.00160	.96703	.00341	.01451
Stddev	.00015	.00016	.00006	.00038	.00027	.00008	.00439	.00002	.00002
%RSD	24.371	5.8300	3.0361	14.433	2.2149	4.8128	.45445	.60494	.16070

#1	.00073	.00260	.00211	.00288	.01237	.00154	.96935	.00344	.01453
#2	.00064	.00273	.00217	.00220	.01196	.00169	.96196	.00340	.01448
#3	.00044	.00291	.00204	.00284	.01247	.00158	.96978	.00340	.01451

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	.23248	.00119	.05334	.01814	.17452	.01503	.05148	.01818	.00182
Stddev	.00043	.00004	.00025	.00034	.00418	.00007	.00040	.00025	.00007
%RSD	.18619	3.6577	.47266	1.8683	2.3958	.49778	.78407	1.3917	3.7390

#1	.23238	.00114	.05345	.01787	.17371	.01505	.05120	.01788	.00181
#2	.23211	.00121	.05305	.01802	.17080	.01510	.05195	.01832	.00177
#3	.23296	.00122	.05352	.01852	.17904	.01495	.05130	.01833	.00190

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	1.1902	.00640	4.8996	.35097	.00844	.00050	.00327	.00214	.00082
Stddev	.0013	.00008	.0601	.00225	.00017	.00012	.00018	.00022	.00002
%RSD	.10589	1.2882	1.2265	.64066	2.0649	24.674	5.4033	10.462	2.2807

#1	1.1898	.00638	4.9063	.35166	.00861	.00064	.00323	.00199	.00080
#2	1.1916	.00649	4.8365	.34846	.00826	.00040	.00346	.00240	.00084
#3	1.1891	.00633	4.9561	.35280	.00844	.00048	.00312	.00203	.00081

Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01774	.09221	.0040	1.0528	119.27	12.119
Stddev	.00040	.00198	.0001	.0028	4.84	3.522
%RSD	2.2649	2.1430	1.641	.26314	4.0558	29.058

#1	.01741	.09028	.0039	1.0498	119.55	9.5386
#2	.01819	.09211	.0039	1.0533	123.97	16.131
#3	.01762	.09423	.0040	1.0553	114.30	10.687

Sample Name: S1 Acquired: 7/18/2018 16:37:44 Type: Cal
Method: P5-ISM02.4(v25) 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	1914.0	54193.	5015.9	31.929	2845.4
Stddev	11.1	168.	18.8	1.145	12.1
%RSD	.58236	.30992	.37393	1.3979	.42505
#1	1901.5	54103.	5021.0	81.377	2831.7
#2	1922.8	54089.	4995.1	83.245	2854.5
#3	1917.8	54387.	5031.5	81.164	2850.1

Sample Name: S2 Acquired: 7/18/2018 16:42:45 Type: Cal
Method: P5-ISM02.4(v25) 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	.09592	.13914	1.3221	.07938	.23933	.28784	11.077	.07844	1.7693
Stddev	.00021	.00040	.0026	.00027	.00104	.00103	.026	.00015	.0066
%RSD	.21606	.28896	.19901	.33860	.43456	.35675	.23222	.18840	.37529

#1	.09590	.13909	1.3211	.07938	.23964	.28875	11.103	.07827	1.7767
#2	.09614	.13957	1.3201	.07965	.24018	.28673	11.052	.07855	1.7673
#3	.09573	.13877	1.3251	.07911	.23817	.28806	11.075	.07849	1.7638

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	2.8218	.39741	.64911	2.4641	54.871	3.2461	.60090	.27900	.05456
Stddev	.0040	.00199	.00137	.0157	.693	.0031	.00200	.00044	.00036
%RSD	.14186	.49955	.21093	.63561	1.2638	.09437	.33234	.15913	.65710

#1	2.8260	.39747	.64766	2.4770	54.076	3.2478	.60122	.27943	.05415
#2	2.8213	.39936	.64930	2.4685	55.350	3.2479	.60272	.27904	.05470
#3	2.8180	.39539	.65038	2.4467	55.187	3.2425	.59877	.27854	.05482

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	3.2121	.07409	275.45	2.5445	.97834	.03851	.03976	.02063	.14298
Stddev	.0107	.00017	3.43	.0093	.00216	.00039	.00017	.00018	.00041
%RSD	.13059	.22389	1.2461	.36384	.22075	1.0055	.43788	.85123	.28770

#1	8.2241	.07395	271.98	2.5496	.97787	.03807	.03996	.02063	.14253
#2	8.2089	.07427	278.84	2.5500	.98070	.03879	.03965	.02081	.14334
#3	8.2033	.07404	275.52	2.5338	.97646	.03867	.03967	.02046	.14307

Elem	Ti3361	Li6707	P_ 1774	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.35200	2.1200	.0796	12.204
Stddev	.00098	.0078	.0003	.052
%RSD	.27821	.36835	.4238	.42810

#1	.35122	2.1290	.0795	12.258
#2	.35168	2.1156	.0793	12.201
#3	.35310	2.1154	.0800	12.153

Sample Name: S2 Acquired: 7/18/2018 16:42:45 Type: Cal
Method: P5-ISM02.4(v25) 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	1823.2	51887.	5016.3	78.687	2512.8
Stddev	12.6	165.	31.0	.919	14.8
%RSD	.68940	.31856	.61881	1.1677	.58887
#1	1811.5	51743.	5017.8	79.575	2497.5
#2	1821.5	51850.	4984.5	77.740	2514.0
#3	1836.5	52067.	5046.6	78.746	2527.0

Sample Name: S3 Acquired: 7/18/2018 16:47:25 Type: Cal
Method: P5-ISM02.4(v25) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.18079	.25868	.24537	.14844	.44968	.54645	.20.797	.14863
Stddev	.00112	.00076	.0039	.00069	.00051	.00119	.011	.00023
%RSD	.62077	.29234	.15759	.46756	.11381	.21747	.05335	.15347

#1	.17958	.25892	2.4493	.14781	.44932	.54547	20.795	.14858
#2	.18100	.25783	2.4556	.14833	.44945	.54612	20.787	.14844
#3	.18180	.25929	2.4562	.14918	.45026	.54777	20.809	.14888

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3268	5.2632	.73736	1.2215	4.5399	101.46	5.9387	1.1292
Stddev	.0035	.0204	.00285	.0045	.0067	1.50	.0157	.0023
%RSD	.10596	.38794	.38665	.36757	.14857	1.4780	.26510	.20545

#1	3.3266	5.2592	.73698	1.2165	4.5368	101.51	5.9356	1.1267
#2	3.3304	5.2451	.73472	1.2227	4.5353	102.94	5.9247	1.1295
#3	3.3234	5.2853	.74038	1.2252	4.5477	99.940	5.9557	1.1313

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	.52498	.10295	15.597	.13744	503.24	4.8235	1.8001	.07182
Stddev	.00280	.00011	.020	.00014	8.06	.0033	.0043	.00045
%RSD	.53401	.10327	.12816	.10199	1.6014	.06781	.23890	.62285

#1	.52182	.10308	15.606	.13760	502.70	4.8209	1.8014	.07133
#2	.52597	.10291	15.575	.13733	511.55	4.8225	1.7953	.07222
#3	.52716	.10288	15.612	.13739	495.46	4.8272	1.8037	.07191

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	.07719	.03777	.27038	.65282	4.0166	.1553	22.822	291.09
Stddev	.00040	.00033	.00084	.00163	.0058	.0006	.137	2.66
%RSD	.52228	.88404	.30896	.24903	.14523	.4115	.60198	.91420

#1	.07674	.03762	.26943	.65194	4.0154	.1546	22.686	288.27
#2	.07752	.03815	.27069	.65183	4.0230	.1559	22.818	291.45
#3	.07732	.03753	.27102	.65470	4.0115	.1552	22.961	293.55

Sample Name: S3 Acquired: 7/18/2018 16:47:25 Type: Cal
 Method: P5-ISM02.4(v25) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Elem	U_ 3859
Units	Cts/S
Avg	-109.98
Stddev	.62
%RSD	.56107

#1	-110.18
#2	-110.46
#3	-109.28

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.1	50521.	4928.2	77.046	2375.5
Stddev	3.3	92.	14.7	1.284	1.3
%RSD	.18591	.18256	.29779	1.6666	.05361

#1	1763.9	50443.	4933.8	77.043	2375.7
#2	1770.5	50623.	4939.3	75.764	2374.2
#3	1767.0	50496.	4911.6	78.332	2376.7

Sample Name: S4 Acquired: 7/18/2018 16:52:02 Type: Cal
Method: P5-ISM02.4(v25) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.39484	.54435	.52855	.32033	.98787	1.2065	13.847	.32292
Stddev	.00183	.00271	.0273	.00109	.00461	.0030	.036	.00026
%RSD	.46229	.49794	.51575	.34090	.46702	.24909	.08255	.08155

#1	.39695	.54735	5.3161	.32159	.99158	1.2091	43.819	.32269
#2	.39376	.54207	5.2639	.31962	.98270	1.2073	43.834	.32285
#3	.39381	.54363	5.2764	.31979	.98932	1.2032	43.888	.32320

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	7.1977	10.896	1.5473	2.6285	9.6525	217.17	12.013	2.3875
Stddev	.0357	.019	.0021	.0141	.0458	1.07	.028	.0030
%RSD	.49623	.17706	.13762	.53718	.47436	.49349	.22910	.12727

#1	7.2372	10.878	1.5464	2.6441	9.7028	217.65	12.045	2.3896
#2	7.1677	10.917	1.5498	2.6165	9.6132	215.94	11.994	2.3840
#3	7.1883	10.895	1.5458	2.6248	9.6415	217.92	12.002	2.3889

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	1.1295	.22545	33.141	.28971	1030.3	10.363	3.8571	.15253
Stddev	.0048	.00052	.016	.00052	4.8	.009	.0166	.00127
%RSD	.42319	.23188	.04973	.18121	.46436	.08282	.43105	.83283

#1	1.1342	.22488	33.149	.29001	1029.3	10.358	3.8749	.15131
#2	1.1247	.22592	33.152	.29002	1026.0	10.358	3.8420	.15384
#3	1.1295	.22553	33.122	.28910	1035.5	10.373	3.8544	.15246

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	.17385	.07987	.58581	1.3731	3.6383	.3493	48.144	511.99
Stddev	.00013	.00055	.00132	.0066	.0042	.0006	.084	2.54
%RSD	.07567	.68493	.22493	.47743	.04881	.1807	.17526	.49521

#1	.17399	.07942	.58615	1.3771	8.6334	.3497	48.047	512.19
#2	.17373	.07969	.58692	1.3767	8.6408	.3486	48.181	514.41
#3	.17384	.08048	.58435	1.3656	8.6406	.3496	48.203	509.35

Sample Name: S4 Acquired: 7/18/2018 16:52:02 Type: Cal
 Method: P5-ISM02.4(v25) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Elem	U_ 3859
Units	Cts/S
Avg	-247.42
Stddev	8.68
%RSD	3.5062

#1	-237.57
#2	-253.94
#3	-250.75

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.4	48486.	4901.8	73.359	2171.6
Stddev	8.3	131.	15.3	.290	11.4
%RSD	.50058	.26961	.31144	.39567	.52535

#1	1647.0	48367.	4919.4	73.348	2158.7
#2	1662.7	48464.	4894.6	73.655	2180.3
#3	1659.4	48626.	4891.5	73.074	2175.8

Sample Name: S5 Acquired: 7/18/2018 16:56:42 Type: Cal
Method: P5-ISM02.4(v25) 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
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.83933	1.0972	10.764	.67421	2.1136	2.4972	36.070	.66349
Stddev	.00466	.0043	.045	.00350	.0086	.0077	1.030	.00120
%RSD	.55572	.38745	.41909	.51918	.40730	.30828	1.1961	.18068

#1	.84408	1.1021	10.816	.67801	2.1235	2.4977	85.846	.66211
#2	.83476	1.0948	10.733	.67111	2.1079	2.5045	85.171	.66410
#3	.83916	1.0948	10.742	.67350	2.1094	2.4892	87.193	.66426

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	14.746	21.265	3.0087	5.3952	19.697	417.60	22.216	1.7452
Stddev	.049	.059	.0095	.0168	.087	7.62	.074	.0166
%RSD	.33497	.27766	.31710	.31166	.43958	1.8238	.33109	.35017

#1	14.803	21.310	2.9996	5.4146	19.797	424.22	22.133	4.7438
#2	14.717	21.198	3.0186	5.3858	19.642	419.29	22.273	4.7293
#3	14.719	21.286	3.0077	5.3851	19.652	409.28	22.243	4.7625

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	2.2975	.46841	35.629	.56973	1784.3	20.960	7.9208	.29585
Stddev	.0098	.00122	.429	.00120	33.0	.066	.0326	.00141
%RSD	.42809	.26049	.65296	.21148	1.8479	.31256	.41091	.47773

#1	2.3089	.46705	66.063	.56840	1810.2	21.024	7.9582	.29745
#2	2.2922	.46941	65.207	.57002	1795.5	20.893	7.8988	.29536
#3	2.2915	.46876	65.618	.57076	1747.2	20.965	7.9054	.29475

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	.37345	.15719	1.1970	2.6654	17.493	.7448	94.199	312.89
Stddev	.00098	.00108	.0052	.0075	.071	.0024	.118	5.36
%RSD	.26285	.68940	.43597	.28188	.40325	.3163	.12508	.58674

#1	.37458	.15819	1.2028	2.6687	17.555	.7474	94.093	909.62
#2	.37285	.15604	1.1926	2.6568	17.416	.7427	94.326	909.97
#3	.37292	.15733	1.1957	2.6707	17.508	.7444	94.177	919.07

Sample Name: S5 Acquired: 7/18/2018 16:56:42 Type: Cal
 Method: P5-ISM02.4(v25) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Elem	U_ 3859
Units	Cts/S
Avg	-422.23
Stddev	14.88
%RSD	3.5232

#1	-405.87
#2	-434.94
#3	-425.87

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.4	46525.	4882.4	72.611	1945.8
Stddev	6.5	122.	15.7	1.366	7.8
%RSD	.43356	.26219	.32141	1.8810	.39883

#1	1493.8	46591.	4872.1	71.564	1936.9
#2	1505.0	46384.	4900.5	72.113	1950.3
#3	1505.2	46599.	4874.7	74.156	1950.3

Sample Name: S6 Acquired: 7/18/2018 17:01:57 Type: Cal
 Method: P5-ISM02.4(v25) 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	7.3111	35.188	1158.2	3.2059	190.02
Stddev	.0169	.164	13.0	.0484	2.24
%RSD	.23054	.46702	1.1226	.58989	1.1766

#1	7.3282	35.305	1172.4	8.2472	191.61
#2	7.3106	35.259	1155.4	8.2179	190.99
#3	7.2945	35.001	1146.8	8.1527	187.47

Int. Std.	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S
Avg	43046.	4661.8	70.313
Stddev	129.	37.8	.910
%RSD	.29929	.81130	1.2941

#1	42906.	4633.1	69.358
#2	43073.	4647.7	70.410
#3	43159.	4704.7	71.170

Sample Name: ICV Acquired: 7/18/2018 17:29:43 Type: Unk
Method: P5-ISM02.4(v25) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97420	1.1083	1.0266	.99918	.91686	2.5386	.52696
Stddev	.00762	.0033	.0014	.00141	.00233	.0114	.00090
%RSD	.78232	.29829	.13544	.14152	.25444	.45069	.16988

#1	.97337	1.1045	1.0256	.99791	.91872	2.5456	.52754
#2	.98221	1.1098	1.0261	.99893	.91760	2.5254	.52740
#3	.96703	1.1107	1.0282	1.0007	.91424	2.5448	.52593

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47421	.49103	10.684	.53231	.49721	.52822	5.2381
Stddev	.00138	.00093	.026	.00126	.00035	.00129	.1521
%RSD	.29008	.18997	.24216	.23706	.07086	.24360	2.9032

#1	.47403	.49108	10.659	.53127	.49736	.52919	5.4028
#2	.47294	.49008	10.710	.53371	.49680	.52871	5.2084
#3	.47567	.49195	10.683	.53194	.49745	.52676	5.1031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51137	5.0040	.50658	.49586	9.9893	.54040	1.0628
Stddev	.00158	.0742	.00021	.00217	.0327	.00238	.0333
%RSD	.30840	1.2352	.04217	.43839	.32750	.44039	3.1379

#1	.51208	5.9682	.50680	.49647	10.002	.54213	1.1006
#2	.50957	5.9545	.50637	.49344	10.013	.53768	1.0500
#3	.51247	6.0892	.50658	.49766	9.9520	.54139	1.0377

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.309	F .00001	F .00585	F .00208	F .01178	F 1.8250	F 1.8539
Stddev	.011	.00042	.00485	.00067	.00531	.0120	.0100
%RSD	.10860	5738.0	82.921	32.511	45.089	.24787	.20688

#1	10.297	.00036	-.00644	-.00277	-.01392	4.8169	4.8643
#2	10.319	-.00045	-.00073	-.00143	-.01568	4.8193	4.8533
#3	10.311	.00011	-.01039	-.00203	-.00573	4.8387	4.8442

Sample Name: ICV Acquired: 7/18/2018 17:29:43 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F.00049	F.0021	F.01259	F.07949	F.05695
Stddev	.00075	.0024	.00014	.01301	.13042
%RSD	154.26	114.5	1.0935	16.372	229.00
#1	.00065	-.0012	.01245	.08221	.06245
#2	-.00033	-.0003	.01273	.06533	.18453
#3	.00114	-.0049	.01258	.09093	-.07613
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.4	53689.	4990.7	31.732	2765.4
Stddev	7.2	167.	16.4	2.666	7.3
%RSD	.37927	.31132	.32853	3.2617	.26407
#1	1878.2	53496.	4971.9	78.714	2757.4
#2	1890.2	53795.	4998.3	82.716	2771.7
#3	1890.9	53775.	5001.9	83.765	2767.0

Sample Name: ICB Acquired: 7/18/2018 17:34:18 Type: Unk
Method: P5-ISM02.4(v25) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.00046	.00005	.00268	.00046	.00609	.00005	.00003
Stddev	.00176	.00229	.00094	.00361	.00055	.00277	.00018	.00003
%RSD	104.99	500.80	2067.6	134.67	119.00	45.436	338.28	129.66

#1	.00324	-.00183	-.00017	.00518	.00011	-.00664	.00012	.00001
#2	-.00023	.00045	-.00092	-.00146	-.00099	-.00309	-.00025	-.00004
#3	.00202	.00276	.00095	.00432	-.00050	-.00854	-.00004	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00029	.00020	.00012	.00048	.00783	.00003	.02128
Stddev	.00004	.02130	.00021	.00019	.00010	.00871	.00004	.01594
%RSD	74.354	7413.5	103.88	158.71	21.546	111.32	143.86	74.934

#1	.00003	-.00321	.00004	.00032	.00060	-.00223	.00003	-.02665
#2	.00003	-.01998	-.00030	-.00007	.00041	.01259	.00007	-.00334
#3	.00009	.02233	-.00033	.00011	.00042	.01311	-.00001	-.03384

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00015	.01148	.00035	.00006	.04765	.00007	.00273
Stddev	.00014	.00021	.00651	.00022	.00006	.01485	.00018	.00404
%RSD	236.92	140.65	56.703	61.396	103.97	31.173	264.77	148.09

#1	-.00018	-.00031	.00399	-.00012	-.00001	.04563	.00016	.00033
#2	.00010	-.00022	.01578	-.00038	.00012	.03390	-.00014	-.00731
#3	-.00010	.00009	.01467	-.00056	.00006	.06340	.00019	-.00121

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	.00058	.00003	.00127	.00042	.0024	.00006	F.03138
Stddev	.00213	.00640	.00075	.00115	.00072	.0013	.00011	.04907
%RSD	119.55	1095.6	2713.3	90.391	171.40	55.47	163.77	156.38

#1	-.00358	.00774	.00083	.00101	.00095	.0036	-.00004	.07912
#2	.00057	-.00458	-.00065	.00253	.00072	.0010	-.00018	.03394
#3	-.00233	-.00141	-.00010	.00027	-.00040	.0025	.00003	-.01892

Sample Name: ICB Acquired: 7/18/2018 17:34:18 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F.01616
Stddev	.08274
%RSD	511.94

#1	-.03485
#2	-.02829
#3	.11163

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.2	55008.	5021.8	31.477	2933.9
Stddev	4.3	189.	27.9	1.244	4.0
%RSD	.22120	.34335	.55603	1.5263	.13755

#1	1922.5	54804.	4995.9	82.327	2929.9
#2	1921.0	55176.	5051.4	80.050	2937.9
#3	1929.0	55043.	5018.1	82.055	2933.9

Sample Name: ICSA Acquired: 7/18/2018 17:39:18 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00825	-.00271	-.00080	.00676	.00173	252.19	.00458
Stddev	.00734	.00157	.00103	.00758	.00133	.77	.00055
%RSD	88.882	57.787	127.92	112.07	76.853	.30552	12.000

#1	.00342	-.00248	-.00122	.01404	.00288	251.35	.00394
#2	.01669	-.00127	.00037	.00735	.00027	252.86	.00485
#3	.00465	-.00438	-.00156	-.00109	.00203	252.37	.00494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00496	253.38	.05430	-.00031	.02173	102.83
Stddev	.00011	.00020	1.71	.00019	.00014	.00140	2.42
%RSD	83.731	3.9362	.67457	.35390	47.110	6.4314	2.3531

#1	.00020	.00518	251.48	.05409	-.00044	.02328	100.13
#2	.00020	.00482	254.79	.05436	-.00031	.02057	104.82
#3	.00000	.00487	253.87	.05446	-.00016	.02134	103.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01384	259.00	.00714	.00033	.07637	.00118	.00358
Stddev	.00006	1.90	.00025	.00044	.00550	.00032	.00021
%RSD	.41449	.73359	3.4576	133.82	7.1981	27.330	5.9074

#1	.01380	257.09	.00711	.00007	.07021	.00155	.00353
#2	.01391	260.89	.00691	.00084	.08077	.00096	.00381
#3	.01382	259.02	.00740	.00008	.07814	.00103	.00340

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01059	-.00070	-.02103	F .02727	-.01053	.00075	-.00111
Stddev	.02130	.00044	.00806	.00196	.00920	.00127	.00191
%RSD	201.08	62.248	38.351	7.2009	87.430	168.42	171.85

#1	-.00160	-.00023	-.01649	-.02814	-.01151	-.00033	-.00330
#2	.03519	-.00078	-.03034	-.02864	-.00087	.00215	-.00022
#3	-.00181	-.00109	-.01625	-.02502	-.01920	.00044	.00019

Sample Name: ICSA Acquired: 7/18/2018 17:39:18 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00443	.0061	.10885	F 2.9765	F 2.3469
Stddev	.00018	.0034	.00027	.0505	.0660
%RSD	4.1403	55.78	.24647	1.6976	2.8131
#1	.00424	.0087	.10868	2.9734	2.3343
#2	.00461	.0022	.10871	2.9275	2.2880
#3	.00443	.0074	.10916	3.0284	2.4183
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.0	49075.	4912.8	76.547	2311.0
Stddev	8.4	125.	26.8	1.595	11.5
%RSD	.47157	.25465	.54646	2.0831	.49667
#1	1771.4	49120.	4928.6	78.186	2309.0
#2	1784.6	48934.	4881.8	75.001	2323.3
#3	1769.0	49171.	4927.9	76.453	2300.6

Sample Name: ICSAB Acquired: 7/18/2018 17:44:22 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10219	.10366	.04965	.05220	.57681	249.95	.52933
Stddev	.00162	.00298	.00116	.00170	.00206	1.08	.00567
%RSD	1.5879	2.8784	2.3455	3.2493	.35746	.43113	1.0711

#1	.10363	.10142	.04860	.05103	.57918	248.89	.52655
#2	.10250	.10704	.05090	.05414	.57577	251.05	.53585
#3	.10043	.10251	.04945	.05141	.57548	249.92	.52558

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52264	1.0273	249.49	.59205	.51331	.50596	103.77
Stddev	.00133	.0007	2.21	.00319	.00056	.00210	2.32
%RSD	.25429	.06950	.88412	.53863	.10889	.41510	2.2369

#1	.52135	1.0266	247.90	.58841	.51383	.50633	101.38
#2	.52259	1.0280	252.01	.59338	.51337	.50370	103.92
#3	.52400	1.0273	248.57	.59436	.51272	.50785	106.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52400	254.86	1.0349	.18801	.07952	.53810	1.0809
Stddev	.00121	1.90	.0006	.00122	.00382	.00224	.0182
%RSD	.23183	.74717	.05387	.64832	4.8029	.41535	1.6839

#1	.52274	253.56	1.0347	.18699	.07626	.53588	1.0664
#2	.52409	257.05	1.0345	.18936	.08372	.54035	1.0750
#3	.52517	253.98	1.0355	.18768	.07857	.53809	1.1014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02016	.00081	-.02197	F .02462	-.03207	.00215	-.00140
Stddev	.01391	.00029	.01010	.00556	.01171	.00173	.00029
%RSD	69.021	35.683	45.967	22.591	36.508	80.190	20.745

#1	-.00485	.00063	-.02435	-.02164	-.01919	.00330	-.00171
#2	-.02359	.00065	-.03067	-.03104	-.03494	.00299	-.00112
#3	-.03203	.00114	-.01089	-.02119	-.04207	.00017	-.00138

Sample Name: ICSAB Acquired: 7/18/2018 17:44:22 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00351	F.0043	.10813	F.2.9273	F.2.3633
Stddev	.00094	.0018	.00097	.0596	.0882
%RSD	26.650	40.92	.89759	2.0350	3.7308
#1	.00457	.0034	.10814	2.9385	2.4047
#2	.00318	.0032	.10910	2.8629	2.4232
#3	.00279	.0064	.10716	2.9804	2.2621
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.8	49082.	4930.3	75.088	2311.4
Stddev	3.8	74.	27.2	1.264	1.4
%RSD	.21419	.15005	.55082	1.6834	.05896
#1	1771.3	49123.	4930.9	76.117	2311.1
#2	1763.8	49126.	4902.8	75.471	2310.3
#3	1768.4	48997.	4957.1	73.677	2312.9

Sample Name: CCV066 Acquired: 7/18/2018 17:49:15 Type: Unk
Method: P5-ISM02.4(v25) 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	4.8768	4.9647	25.009	4.8573	4.9092	409.53	10.165	.51417
Stddev	.0254	.0089	.034	.0192	.0152	1.30	.028	.00064
%RSD	.51980	.17936	.13530	.39546	.30877	.31742	.27306	.12420

#1	4.8487	4.9566	24.981	4.8373	4.8974	410.10	10.191	.51467
#2	4.8838	4.9632	24.999	4.8756	4.9263	408.04	10.136	.51345
#3	4.8979	4.9743	25.047	4.8589	4.9039	410.44	10.168	.51438

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5402	408.70	15.550	2.5299	14.720	405.18	15.054	403.90
Stddev	.0050	.51	.044	.0058	.044	7.42	.145	.97
%RSD	.19700	.12596	.28092	.23049	.30050	1.8325	.96269	.24003

#1	2.5362	409.19	15.502	2.5268	14.669	412.06	15.207	404.79
#2	2.5386	408.16	15.588	2.5263	14.743	406.17	15.034	402.87
#3	2.5458	408.75	15.559	2.5366	14.748	397.31	14.919	404.03

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5546	1.2863	406.72	2.4971	15.030	154.30	4.8430	4.9816
Stddev	.0076	.0063	1.63	.0021	.373	.24	.0121	.0318
%RSD	.29716	.49374	.40141	.08522	2.4844	.15697	.25000	.63901

#1	2.5481	1.2934	408.39	2.4978	15.351	154.56	4.8292	4.9926
#2	2.5528	1.2813	406.66	2.4988	15.118	154.09	4.8482	4.9457
#3	2.5630	1.2841	405.13	2.4947	14.620	154.23	4.8517	5.0065

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0951	4.9908	5.0307	5.0204	5.1463	5.092	5.0556	F 3.3146
Stddev	.0089	.0458	.0182	.0229	.0139	.015	.0118	.0535
%RSD	.17510	.91759	.36122	.45604	.27054	.2866	.23286	.57420

#1	5.0888	4.9483	5.0259	5.0287	5.1549	5.081	5.0481	9.2556
#2	5.1053	4.9849	5.0153	4.9945	5.1303	5.087	5.0495	9.3600
#3	5.0911	5.0393	5.0507	5.0379	5.1538	5.109	5.0692	9.3281

Sample Name: CCV066 Acquired: 7/18/2018 17:49:15 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCV066 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2470
Stddev	.1464
%RSD	1.7749

#1	8.3777
#2	8.2745
#3	8.0888

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.2	46266.	4820.5	72.585	1987.1
Stddev	4.4	164.	13.6	1.587	5.0
%RSD	.27953	.35503	.28129	2.1857	.25064

#1	1595.4	46077.	4810.4	71.235	1990.7
#2	1587.7	46367.	4815.2	72.189	1989.3
#3	1587.6	46355.	4835.9	74.332	1981.4

Sample Name: CCB066 Acquired: 7/18/2018 17:54:09 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	.00032	.00058	.00190	.00087	.00509	.00002
Stddev	.00137	.00138	.00020	.00306	.00199	.00528	.00020
%RSD	142.24	433.20	33.875	160.89	228.63	103.70	1019.5

#1	.00075	-.00069	.00041	.00513	.00088	.00074	.00017
#2	.00243	.00190	.00080	-.00095	-.00304	-.00645	-.00001
#3	-.00029	-.00025	.00054	.00152	-.00046	-.00956	-.00022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00001	.00256	.00035	.00012	.00014	.00130
Stddev	.00008	.00004	.00222	.00069	.00028	.00030	.00560
%RSD	182.39	391.71	86.760	195.69	235.35	208.17	431.47

#1	-.00003	-.00003	-.00450	-.00043	-.00023	.00027	.00499
#2	.00003	-.00003	-.00013	-.00100	.00020	-.00020	-.00573
#3	-.00014	.00003	-.00306	.00037	-.00033	.00036	-.00316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02399	.00046	.00003	.09735	.00051	.00008
Stddev	.00001	.02594	.00025	.00041	.00542	.00031	.00008
%RSD	27.761	108.11	55.215	1372.5	5.5637	60.967	96.471

#1	.00003	-.00952	-.00072	-.00051	.09817	-.00062	.00018
#2	.00002	-.05394	-.00043	.00019	.10230	-.00074	.00003
#3	.00003	-.00852	-.00022	.00022	.09157	-.00016	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01373	.00039	.00503	.00159	.00051	.00040	.00080
Stddev	.02440	.00020	.00920	.00068	.02050	.00071	.00080
%RSD	177.70	51.974	182.78	42.573	4011.4	175.28	99.745

#1	-.01068	.00041	-.00658	-.00130	.01558	.00043	-.00009
#2	.01375	.00057	-.01335	-.00236	-.02360	.00109	.00103
#3	.03811	.00017	.00484	-.00110	.00648	-.00032	.00147

Sample Name: CCB066 Acquired: 7/18/2018 17:54:09 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: CCB066 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.0028	.00008	F.02295	F<.00000
Stddev	.00110	.0021	.00005	.05350	.03955
%RSD	140.80	72.75	59.368	233.12	87.690
#1	.00064	.0013	-.00007	.05745	-.08434
#2	-.00024	.0052	-.00012	.05008	-.00525
#3	.00193	.0020	-.00004	-.03868	-.04571
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.6	54282.	4980.2	30.535	2948.3
Stddev	6.0	120.	16.1	1.096	7.8
%RSD	.31076	.22107	.32252	1.3605	.26457
#1	1937.5	54213.	4998.7	81.391	2957.3
#2	1926.5	54421.	4970.4	80.914	2943.0
#3	1927.9	54212.	4971.3	79.300	2944.7

Sample Name: PBW Acquired: 7/18/2018 17:58:26 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00120	.00046	.00206	.00174	.00386	.00011
Stddev	.00362	.00145	.00047	.00228	.00117	.00978	.00050
%RSD	581.63	121.19	100.77	110.82	67.096	253.27	473.48

#1	.00329	.00256	-.00100	.00432	-.00077	.01244	-.00067
#2	-.00387	.00136	-.00025	-.00025	-.00142	-.00679	.00029
#3	-.00129	-.00033	-.00014	.00211	-.00304	.00594	.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00007	.01264	.00067	.00002	.00011	.01044
Stddev	.00005	.00007	.00834	.00038	.00016	.00008	.00971
%RSD	160.82	105.37	66.000	56.402	907.62	69.908	93.010

#1	-.00005	.00004	-.01094	-.00058	.00004	.00013	.01956
#2	.00002	.00016	-.00528	-.00108	-.00016	.00017	.00023
#3	-.00007	.00002	-.02170	-.00034	.00017	.00002	.01152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01120	.00032	.00015	.03139	.00050	.00014
Stddev	.00004	.01307	.00027	.00066	.00175	.00047	.00007
%RSD	170.25	116.68	84.994	438.36	5.5775	93.528	50.693

#1	.00004	-.01541	-.00005	-.00057	.03170	-.00061	.00020
#2	-.00002	-.02164	-.00031	.00071	.02951	-.00090	.00006
#3	.00005	.00345	-.00059	.00031	.03297	.00001	.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00445	.00005	.00796	.00382	.00684	.00132	.00163
Stddev	.00920	.00002	.00754	.00102	.01128	.00053	.00123
%RSD	206.55	38.045	94.728	26.606	165.00	40.591	75.256

#1	-.00201	.00003	-.00551	-.00500	-.00613	.00191	.00023
#2	.01498	.00007	-.00195	-.00324	.01222	.00117	.00251
#3	.00038	.00007	-.01642	-.00323	.01442	.00087	.00216

Sample Name: PBW Acquired: 7/18/2018 17:58:26 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00101	.0008	.00008	F.07395	F<.00000
Stddev	.00105	.0008	.00002	.03270	.06729
%RSD	103.98	100.9	25.394	44.221	108.69
#1	.00215	.0008	-.00008	.06868	-.12668
#2	.00079	.0000	-.00010	.10897	.00765
#3	.00009	.0015	-.00006	.04421	-.06672
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.5	54103.	4950.2	31.917	2949.1
Stddev	11.7	74.	20.7	2.587	12.6
%RSD	.60482	.13700	.41875	3.1579	.42735
#1	1920.2	54018.	4973.2	84.177	2934.9
#2	1942.2	54136.	4944.4	82.477	2959.1
#3	1938.0	54155.	4932.9	79.095	2953.3

Sample Name: LCSW Acquired: 7/18/2018 18:03:17 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01940	.05431	.02085	.07251	.11491	.40879	.40583	.01010
Stddev	.00115	.00135	.00106	.00227	.00170	.01131	.00080	.00005
%RSD	5.9159	2.4900	5.1067	3.1335	1.4780	2.7661	.19608	.47004

#1	.01882	.05373	.01975	.07182	.11352	.40674	.40507	.01012
#2	.02072	.05334	.02092	.07504	.11441	.39865	.40575	.01014
#3	.01866	.05586	.02188	.07066	.11680	.42099	.40666	.01005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00988	10.342	.02144	.09517	.04685	.21219	.02950	3.9829
Stddev	.00010	.008	.00017	.00054	.00032	.00779	.00026	.0495
%RSD	.99904	.07558	.78035	.56446	.69362	3.6689	.86910	.49550

#1	.00994	10.345	.02131	.09540	.04665	.22096	.02970	10.039
#2	.00977	10.334	.02163	.09556	.04667	.20950	.02959	9.9638
#3	.00994	10.349	.02138	.09456	.04723	.20610	.02921	9.9458

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07764	.01952	3.6916	.10690	.12691	3.9153	.02032	.02402
Stddev	.00080	.00031	.0373	.00086	.00199	.0110	.00018	.00584
%RSD	1.0341	1.5637	.38484	.80803	1.5667	.11122	.87967	24.327

#1	.07848	.01951	9.6659	.10732	.12664	9.9107	.02050	.03048
#2	.07688	.01983	9.7344	.10747	.12901	9.9279	.02015	.02249
#3	.07757	.01922	9.6745	.10590	.12506	9.9073	.02030	.01909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17356	.19970	.01388	.10136	.10023	.1689	.21146	.00815
Stddev	.00146	.00628	.00101	.00121	.00091	.0020	.00171	.04319
%RSD	.84057	3.1430	7.2569	1.1976	.90301	1.170	.80649	530.02

#1	.17267	.20253	.01348	.10209	.09923	.1666	.21333	.01416
#2	.17276	.19251	.01314	.09996	.10100	.1700	.21109	.04802
#3	.17524	.20406	.01503	.10202	.10045	.1701	.20998	-.03773

Sample Name: LCSW Acquired: 7/18/2018 18:03:17 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.07687
%RSD	835.83

#1	-.02526
#2	-.07677
#3	.07444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.1	53172.	4952.0	30.706	2810.9
Stddev	5.9	26.	23.6	1.405	3.4
%RSD	.31067	.04848	.47568	1.7407	.12200

#1	1900.2	53142.	4939.9	80.604	2808.2
#2	1895.6	53190.	4937.0	79.355	2809.8
#3	1907.3	53183.	4979.2	82.159	2814.8

Sample Name: WATER MDL-1 Acquired: 7/18/2018 18:08:14 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00827	.01760	.00721	.02366	.03520	.12809	.12718	.00324
Stddev	.00191	.00084	.00028	.00322	.00117	.01243	.00053	.00014
%RSD	23.118	4.7975	3.8546	13.604	3.3154	9.7046	.41403	4.1680

#1	.00968	.01755	.00749	.02675	.03655	.12889	.12661	.00331
#2	.00609	.01678	.00722	.02390	.03449	.14011	.12727	.00333
#3	.00905	.01847	.00693	.02032	.03457	.11529	.12765	.00309

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	3.3578	.00655	.03066	.01531	.06544	.00917	3.1931
Stddev	.00002	.0209	.00050	.00026	.00051	.00418	.00005	.0190
%RSD	.60065	.62216	7.5764	.83239	3.3025	6.3866	.57015	.59449

#1	.00312	3.3372	.00648	.03076	.01577	.06373	.00918	3.1725
#2	.00315	3.3573	.00708	.03084	.01541	.06238	.00911	3.1970
#3	.00314	3.3790	.00610	.03036	.01477	.07020	.00922	3.2098

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02420	.00684	3.1561	.03407	.04030	3.1683	.00664	.00017
Stddev	.00039	.00031	.0299	.00045	.00087	.0183	.00027	.00493
%RSD	1.6169	4.4703	.94806	1.3143	2.1635	.57715	4.0279	2903.1

#1	.02459	.00710	3.1374	.03457	.03929	3.1503	.00635	.00460
#2	.02420	.00692	3.1404	.03395	.04079	3.1678	.00688	-.00515
#3	.02381	.00651	3.1906	.03370	.04081	3.1869	.00668	.00106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05094	.06113	.00542	.03314	.03235	.0541	.06882	.03307
Stddev	.00274	.00301	.00016	.00142	.00078	.0017	.00025	.01359
%RSD	5.3785	4.9157	3.0072	4.2953	2.4234	3.182	.35956	41.090

#1	.05402	.06094	.00543	.03325	.03318	.0524	.06855	.02506
#2	.05004	.05823	.00525	.03450	.03163	.0539	.06903	.04875
#3	.04877	.06423	.00557	.03166	.03223	.0559	.06887	.02538

Sample Name: WATER MDL-1 Acquired: 7/18/2018 18:08:14 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.03971
%RSD	240.58

#1	-.05913
#2	-.00980
#3	.01943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.3	53824.	4925.2	32.385	2898.6
Stddev	8.5	117.	18.5	1.390	11.8
%RSD	.44340	.21713	.37476	1.6867	.40712

#1	1913.9	53716.	4933.4	83.973	2885.0
#2	1930.5	53808.	4938.3	81.791	2906.1
#3	1925.5	53948.	4904.1	81.391	2904.7

Sample Name: WATER MDL-2 Acquired: 7/18/2018 18:13:15 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00565	.01485	.00594	.02051	.03134	.11661	.11337	.00294
Stddev	.00041	.00117	.00079	.00314	.00133	.01040	.00060	.00004
%RSD	7.2582	7.9001	13.361	15.291	4.2327	8.9162	.53171	1.4770

#1	.00527	.01463	.00553	.02383	.02987	.11140	.11379	.00296
#2	.00558	.01611	.00544	.01761	.03170	.12858	.11268	.00297
#3	.00608	.01379	.00686	.02008	.03245	.10985	.11365	.00289

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	2.9666	.00561	.02725	.01315	.06143	.00830	2.8998
Stddev	.00001	.0196	.00041	.00015	.00035	.00583	.00007	.0287
%RSD	.33472	.66174	7.3824	.54601	2.6850	9.4911	.86521	.98878

#1	.00278	2.9600	.00577	.02717	.01310	.06626	.00828	2.8735
#2	.00277	2.9887	.00514	.02715	.01352	.06308	.00838	2.9304
#3	.00279	2.9512	.00593	.02742	.01282	.05495	.00825	2.8956

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02179	.00578	2.8125	.03019	.03688	2.8211	.00603	.00138
Stddev	.00042	.00023	.0116	.00058	.00046	.0335	.00018	.00409
%RSD	1.9434	3.9012	.41257	1.9134	1.2515	1.1868	2.9181	296.35

#1	.02217	.00582	2.8194	.03070	.03643	2.8557	.00589	-.00271
#2	.02188	.00598	2.8189	.03029	.03735	2.7889	.00623	.00548
#3	.02133	.00553	2.7991	.02956	.03687	2.8186	.00597	.00138

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04376	.06869	.00454	.02974	.02770	.0495	.06144	<.00000
Stddev	.00330	.02589	.00017	.00208	.00127	.0017	.00011	.00707
%RSD	7.5524	37.699	3.6935	6.9838	4.5994	3.481	.18401	130.04

#1	.03995	.09391	.00467	.03005	.02916	.0477	.06149	-.00365
#2	.04550	.04217	.00435	.02753	.02713	.0511	.06151	.00057
#3	.04582	.06998	.00460	.03165	.02681	.0498	.06130	-.01323

Sample Name: WATER MDL-2 Acquired: 7/18/2018 18:13:15 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.04249
Stddev	.07525
%RSD	177.10

#1	.11865
#2	.04063
#3	-.03181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.3	53704.	4949.5	31.148	2901.4
Stddev	7.2	298.	20.6	1.122	8.6
%RSD	.37440	.55538	.41711	1.3828	.29647

#1	1919.9	53479.	4927.4	82.018	2898.8
#2	1920.4	54042.	4968.2	79.882	2894.4
#3	1932.6	53590.	4952.9	81.545	2911.0

Sample Name: WATER MDL-3 Acquired: 7/18/2018 18:18:16 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00796	.01452	.00663	.02144	.03467	.12405	.12266	.00313	.00308
Stddev	.00085	.00221	.00102	.00236	.00185	.00990	.00022	.00007	.00001
%RSD	10.624	15.188	15.323	10.985	5.3231	7.9776	.18164	2.2280	.27090
#1	.00805	.01688	.00603	.02196	.03426	.11860	.12286	.00309	.00309
#2	.00707	.01251	.00605	.02349	.03669	.11808	.12242	.00321	.00307
#3	.00875	.01419	.00780	.01887	.03306	.13548	.12269	.00308	.00308
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2264	.05986	.02998	.01472	.29240	.01417	3.0721	.05418	.00638
Stddev	.0146	.00094	.00021	.00013	.00793	.00009	.0134	.00047	.00024
%RSD	.45381	1.5700	.70245	.89931	2.7128	.64023	.43693	.87633	3.7617
#1	3.2134	.05878	.03002	.01457	.28697	.01422	3.0874	.05446	.00611
#2	3.2423	.06049	.02975	.01480	.28873	.01423	3.0668	.05445	.00656
#3	3.2236	.06032	.03017	.01480	.30151	.01407	3.0622	.05363	.00649
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0102	.03270	.03941	3.0446	.01231	.00862	.04941	.06773	.00452
Stddev	.0126	.00034	.00084	.0152	.00030	.00901	.00184	.01179	.00047
%RSD	.41800	1.0381	2.1310	.50066	2.4185	104.56	3.7268	17.411	10.375
#1	3.0149	.03232	.03971	3.0613	.01219	.01508	.04809	.05630	.00477
#2	2.9960	.03298	.04006	3.0315	.01265	-.00168	.04862	.07985	.00398
#3	3.0198	.03280	.03846	3.0408	.01210	.01245	.05152	.06703	.00482
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.03198	.03068	.0511	.06572	.07503	.01852			
Stddev	.00163	.00155	.0020	.00027	.01311	.02115			
%RSD	5.0908	5.0527	3.937	.41014	17.467	114.18			
#1	.03023	.03040	.0489	.06579	.07021	.03836			
#2	.03344	.02930	.0529	.06595	.08986	.02094			
#3	.03227	.03236	.0515	.06542	.06501	-.00373			

Sample Name: WATER MDL-3 Acquired: 7/18/2018 18:18:16 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL 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	1968.2	55342.	5091.5	33.745	2967.6
Stddev	10.1	56.	55.0	2.312	15.0
%RSD	.51527	.10082	1.0811	2.7608	.50510
#1	1958.1	55405.	5032.1	82.491	2952.4
#2	1968.1	55301.	5101.8	82.332	2968.2
#3	1978.4	55319.	5140.7	86.414	2982.3

Sample Name: WATER MDL-4 Acquired: 7/18/2018 18:23:17 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00701	.01646	.00583	.02016	.03251	.11766	.11583	.00288
Stddev	.00243	.00139	.00076	.00524	.00095	.00763	.00072	.00005
%RSD	34.700	8.4244	13.004	25.980	2.9263	6.4817	.61876	1.6148

#1	.00979	.01717	.00625	.02415	.03234	.11993	.11575	.00293
#2	.00598	.01486	.00495	.02209	.03354	.12390	.11515	.00285
#3	.00526	.01735	.00628	.01423	.03166	.10916	.11658	.00285

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00295	3.0586	.00580	.02797	.01332	.08933	.00894	2.9550
Stddev	.00017	.0148	.00048	.00043	.00015	.01033	.00008	.0764
%RSD	5.7428	.48246	8.3492	1.5347	1.1585	11.564	.85920	2.5856

#1	.00279	3.0433	.00636	.02844	.01346	.09736	.00903	2.9712
#2	.00313	3.0596	.00546	.02789	.01334	.09294	.00889	2.8717
#3	.00292	3.0728	.00560	.02759	.01315	.07767	.00891	3.0219

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02297	.00577	2.8526	.03056	.04601	2.8874	.00617	.00536
Stddev	.00033	.00022	.0149	.00036	.00092	.0358	.00018	.00423
%RSD	1.4223	3.7607	.52335	1.1868	1.9967	1.2398	2.9423	78.959

#1	.02332	.00593	2.8489	.03057	.04589	2.9203	.00596	.00048
#2	.02268	.00553	2.8691	.03091	.04516	2.8493	.00628	.00807
#3	.02291	.00586	2.8399	.03019	.04698	2.8925	.00627	.00753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05079	.05625	.00441	.02998	.03012	.0493	.06248	.03349
Stddev	.00281	.02460	.00005	.00183	.00025	.0015	.00022	.02935
%RSD	5.5343	43.742	1.2242	6.0891	.84159	2.971	.35144	87.638

#1	.05385	.05474	.00446	.02864	.02997	.0501	.06273	.04143
#2	.04833	.03244	.00435	.03206	.03042	.0501	.06237	.05805
#3	.05018	.08158	.00443	.02924	.02998	.0476	.06234	.00099

Sample Name: WATER MDL-4 Acquired: 7/18/2018 18:23:17 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.08490
%RSD	61.468

#1	-.15175
#2	-.04723
#3	-.21538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.3	54027.	4937.9	31.548	2886.7
Stddev	6.6	89.	21.3	1.439	9.6
%RSD	.34185	.16498	.43099	1.7650	.33279

#1	1921.3	53930.	4958.5	79.905	2890.8
#2	1909.8	54045.	4939.1	82.582	2875.7
#3	1921.0	54105.	4916.0	82.159	2893.5

Sample Name: WATER MDL-5 Acquired: 7/18/2018 18:28:17 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	.01625	.00703	.02098	.03439	.12464	.12271	.00311
Stddev	.00201	.00047	.00065	.00250	.00103	.00739	.00043	.00004
%RSD	30.749	2.8768	9.2626	11.925	2.9907	5.9295	.34896	1.4337
#1	.00543	.01615	.00635	.02322	.03392	.11621	.12228	.00316
#2	.00531	.01675	.00707	.02146	.03557	.12773	.12313	.00312
#3	.00885	.01583	.00765	.01828	.03369	.12999	.12270	.00307
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	3.2587	.04837	.02997	.01478	.25519	.01305	3.0904
Stddev	.00015	.0091	.00087	.00019	.00029	.00780	.00007	.0261
%RSD	4.9809	.27784	1.7978	.64631	1.9445	3.0552	.52743	.84508
#1	.00290	3.2662	.04879	.02991	.01476	.24630	.01309	3.0723
#2	.00320	3.2487	.04894	.02982	.01450	.25842	.01308	3.0786
#3	.00311	3.2612	.04737	.03019	.01507	.26085	.01297	3.1204
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04883	.00675	3.0276	.03326	.04005	3.0388	.01135	.00090
Stddev	.00062	.00018	.0092	.00028	.00006	.0125	.00032	.00378
%RSD	1.2729	2.6332	.30293	.85472	.15511	.41096	2.7824	420.28
#1	.04951	.00669	3.0281	.03301	.04007	3.0527	.01113	.00344
#2	.04830	.00695	3.0181	.03357	.04011	3.0353	.01172	-.00262
#3	.04867	.00661	3.0365	.03321	.03998	3.0285	.01122	-.00352
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05115	.07250	.00405	.03161	.03117	.0509	.06622	.04772
Stddev	.00276	.01050	.00041	.00103	.00103	.0020	.00012	.07163
%RSD	5.3884	14.487	10.250	3.2667	3.2997	3.878	.18142	150.09
#1	.04855	.06818	.00451	.03152	.03046	.0521	.06620	-.03189
#2	.05404	.08448	.00393	.03269	.03235	.0487	.06611	.06811
#3	.05086	.06485	.00370	.03063	.03069	.0520	.06635	.10695

Sample Name: WATER MDL-5 Acquired: 7/18/2018 18:28:17 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.13860
%RSD	120.90

#1	-.14342
#2	.03609
#3	-.23658

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.2	53838.	4952.4	30.306	2903.2
Stddev	2.3	239.	29.6	.244	6.0
%RSD	.12184	.44473	.59738	.30441	.20522

#1	1927.1	53671.	4919.8	80.077	2905.2
#2	1929.6	53732.	4977.5	80.277	2908.0
#3	1924.9	54113.	4959.9	80.564	2896.6

Sample Name: WATER MDL-6 Acquired: 7/18/2018 18:33:16 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	.01060	.00473	.01564	.02297	.09017	.08703	.00228
Stddev	.00218	.00117	.00164	.00232	.00134	.00775	.00048	.00009
%RSD	38.972	11.059	34.739	14.847	5.8552	8.5916	.55482	4.0073

#1	.00360	.01136	.00660	.01826	.02374	.09899	.08718	.00236
#2	.00791	.00925	.00351	.01383	.02141	.08447	.08649	.00229
#3	.00523	.01120	.00409	.01484	.02374	.08704	.08742	.00218

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00213	2.3339	.05605	.02148	.01086	.26442	.01134	2.1934
Stddev	.00006	.0101	.00069	.00005	.00038	.00723	.00006	.0213
%RSD	2.9268	.43285	1.2295	.22073	3.5186	2.7327	.51894	.97045

#1	.00215	2.3456	.05682	.02144	.01057	.27252	.01127	2.1942
#2	.00207	2.3288	.05587	.02147	.01071	.25864	.01137	2.2142
#3	.00219	2.3274	.05548	.02153	.01129	.26211	.01137	2.1717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04700	.00460	2.1492	.02279	.02776	2.1720	.01063	.00051
Stddev	.00038	.00013	.0022	.00027	.00071	.0075	.00008	.00374
%RSD	.80636	2.7863	.09997	1.2043	2.5678	.34498	.76368	727.78

#1	.04674	.00450	2.1515	.02309	.02777	2.1696	.01057	-.00276
#2	.04682	.00454	2.1486	.02256	.02847	2.1661	.01073	.00459
#3	.04743	.00474	2.1474	.02271	.02705	2.1805	.01060	-.00028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03361	.03813	.00337	.02266	.02120	.0378	.04720	.00126
Stddev	.00153	.01088	.00123	.00147	.00155	.0004	.00011	.03723
%RSD	4.5641	28.538	36.594	6.4910	7.3182	1.064	.23217	2959.5

#1	.03473	.02961	.00241	.02104	.01942	.0374	.04730	.02728
#2	.03186	.03439	.00294	.02391	.02226	.0378	.04721	.01789
#3	.03424	.05039	.00476	.02303	.02193	.0382	.04708	-.04139

Sample Name: WATER MDL-6 Acquired: 7/18/2018 18:33:16 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.07150
%RSD	119.64

#1	-.14039
#2	-.00405
#3	-.03485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.5	53793.	4925.5	32.818	2892.0
Stddev	8.0	64.	41.0	2.207	8.6
%RSD	.41868	.11933	.83196	2.6650	.29624

#1	1907.9	53743.	4927.9	82.277	2890.7
#2	1912.2	53771.	4883.4	80.932	2884.1
#3	1923.5	53865.	4965.3	85.245	2901.1

Sample Name: WATER MDL-7 Acquired: 7/18/2018 18:38:15 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00762	.01516	.00649	.02077	.03123	.13558	.11268	.00284	.00277
Stddev	.00347	.00149	.00041	.00590	.00055	.00717	.00056	.00008	.00006
%RSD	45.521	9.8261	6.3554	28.412	1.7590	5.2892	.49536	2.9357	2.1054
#1	.00834	.01427	.00629	.01493	.03073	.13678	.11328	.00287	.00270
#2	.01068	.01433	.00696	.02673	.03114	.12788	.11256	.00275	.00280
#3	.00385	.01688	.00621	.02065	.03182	.14207	.11218	.00291	.00281
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0152	.09179	.02813	.01430	.43646	.01684	2.8452	.07253	.00563
Stddev	.0078	.00027	.00021	.00055	.02148	.00002	.0208	.00019	.00040
%RSD	.25775	.28955	.74731	3.8626	4.9205	.12315	.73023	.25996	7.1937
#1	3.0232	.09199	.02807	.01397	.41899	.01682	2.8258	.07268	.00596
#2	3.0147	.09188	.02837	.01399	.42996	.01686	2.8671	.07232	.00518
#3	3.0077	.09149	.02796	.01494	.46044	.01683	2.8427	.07260	.00574
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7758	.03019	.03614	2.7892	.01564	.00146	.04558	.04083	.00438
Stddev	.0111	.00044	.00086	.0419	.00013	.00651	.00165	.02126	.00080
%RSD	.40082	1.4640	2.3765	1.5018	.84745	446.82	3.6138	52.064	18.326
#1	2.7886	.03068	.03556	2.7858	.01579	-.00586	.04479	.01712	.00365
#2	2.7695	.03008	.03573	2.7491	.01560	.00361	.04447	.05818	.00425
#3	2.7692	.02982	.03713	2.8327	.01554	.00662	.04747	.04719	.00525
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.02841	.02841	.0483	.06066	.04098	.02013			
Stddev	.00225	.00063	.0011	.00009	.02267	.09447			
%RSD	7.9320	2.2135	2.292	.15635	55.316	469.25			
#1	.02806	.02777	.0495	.06076	.01501	-.08797			
#2	.02635	.02843	.0480	.06058	.05678	.06154			
#3	.03082	.02903	.0473	.06062	.05115	.08684			

Sample Name: WATER MDL-7 Acquired: 7/18/2018 18:38:15 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL 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	1920.5	53880.	4922.6	32.152	2892.4
Stddev	4.4	150.	34.6	2.127	4.2
%RSD	.22791	.27792	.70246	2.5896	.14615
#1	1915.5	53709.	4889.5	83.341	2887.6
#2	1923.7	53939.	4958.5	83.418	2894.5
#3	1922.4	53991.	4919.7	79.695	2895.2

Sample Name: PBS Acquired: 7/18/2018 18:43:16 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	.00089	.00065	.00191	.00060	.00870	.00011
Stddev	.00440	.00102	.00040	.00169	.00090	.00965	.00024
%RSD	167.41	114.61	61.724	88.797	149.82	110.90	217.49

#1	-.00216	-.00025	.00042	.00050	.00021	-.01868	.00013
#2	.00650	.00122	.00042	.00144	-.00156	.00058	-.00011
#3	.00354	.00171	.00112	.00378	-.00045	-.00800	-.00036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00001	-.01944	-.00042	.00009	.00037	-.00861
Stddev	.00005	.00004	.01401	.00032	.00015	.00065	.00983
%RSD	292.00	376.16	72.088	76.978	166.74	175.16	114.20

#1	-.00003	.00003	-.03273	-.00063	.00022	.00068	.00137
#2	.00006	-.00004	-.02080	-.00005	-.00008	.00081	-.01830
#3	.00002	-.00002	-.00480	-.00057	.00013	-.00038	-.00890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01399	-.00007	-.00001	-.01965	-.00047	.00004
Stddev	.00002	.01908	.00039	.00025	.00580	.00040	.00005
%RSD	74.166	136.42	578.11	2272.9	29.506	85.438	139.98

#1	.00004	.00804	.00035	-.00001	-.01962	-.00029	.00008
#2	.00000	-.02446	-.00043	.00024	-.01387	-.00019	-.00002
#3	.00003	-.02554	-.00012	-.00026	-.02546	-.00093	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02329	-.00007	-.00441	-.00217	-.00531	-.00015	.00234
Stddev	.04114	.00018	.00642	.00198	.00714	.00116	.00158
%RSD	176.63	271.93	145.72	90.910	134.49	788.53	67.576

#1	-.07031	.00011	-.01112	-.00378	.00132	-.00124	.00130
#2	-.00564	-.00006	-.00377	.00003	-.01287	-.00028	.00156
#3	.00608	-.00025	.00167	-.00277	-.00437	.00108	.00416

Sample Name: PBS Acquired: 7/18/2018 18:43:16 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: PBS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.0019	.00012	F.01088	F<.00000
Stddev	.00143	.0006	.00004	.04112	.11400
%RSD	1351.9	33.97	30.544	377.94	777.17
#1	-.00101	.0012	-.00008	.05119	.11694
#2	-.00038	.0024	-.00015	-.03100	-.08266
#3	.00171	.0021	-.00013	.01245	-.07828
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.5	54048.	4939.8	33.365	2925.6
Stddev	6.7	88.	36.6	1.059	6.1
%RSD	.34934	.16348	.74139	1.2707	.20685
#1	1920.5	54110.	4901.9	82.318	2920.0
#2	1913.8	54086.	4942.6	83.341	2924.8
#3	1927.2	53947.	4975.0	84.436	2932.0

Sample Name: LCSS Acquired: 7/18/2018 18:48:17 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02132	.05283	.02122	.06971	.11217	.40793	.40333	.01009
Stddev	.00381	.00122	.00057	.00201	.00118	.00422	.00137	.00003
%RSD	17.879	2.3015	2.6862	2.8883	1.0515	1.0350	.33947	.34420

#1	.01852	.05189	.02126	.06751	.11119	.40988	.40435	.01005
#2	.02567	.05420	.02177	.07147	.11184	.40308	.40388	.01010
#3	.01978	.05240	.02063	.07013	.11348	.41082	.40177	.01011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00989	10.298	.02156	.09503	.04594	.20593	.02930	3.9356
Stddev	.00005	.021	.00037	.00017	.00007	.01547	.00014	.0431
%RSD	.54648	.20090	1.7172	.18321	.15559	7.5143	.47137	.43350

#1	.00987	10.320	.02134	.09502	.04593	.19027	.02918	9.8982
#2	.00995	10.279	.02198	.09486	.04601	.20632	.02928	9.9827
#3	.00985	10.294	.02135	.09521	.04587	.22121	.02945	9.9258

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07787	.01987	3.6256	.10664	.12554	3.8692	.02026	.01714
Stddev	.00076	.00028	.0755	.00031	.00187	.0349	.00011	.00590
%RSD	.97311	1.4039	.78446	.29439	1.4925	.35336	.54491	34.455

#1	.07699	.01955	9.7128	.10638	.12353	9.9009	.02037	.02043
#2	.07830	.02007	9.5792	.10655	.12585	9.8749	.02027	.01032
#3	.07831	.01999	9.5849	.10699	.12724	9.8318	.02015	.02067

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16536	.19946	.01348	.10134	.09824	.1680	.20964	<.00000
Stddev	.00309	.00769	.00164	.00130	.00165	.0018	.00113	.03536
%RSD	1.8665	3.8561	12.154	1.2801	1.6832	1.090	.53827	127.70

#1	.16186	.19200	.01536	.10250	.09806	.1660	.21072	-.04134
#2	.16770	.20736	.01270	.10156	.09998	.1688	.20847	-.05418
#3	.16652	.19903	.01237	.09994	.09669	.1694	.20973	.01246

Sample Name: LCSS Acquired: 7/18/2018 18:48:17 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.08890
%RSD	161.11

#1	.01828
#2	-.02981
#3	-.15400

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.2	53424.	4949.4	31.377	2812.3
Stddev	8.9	48.	28.5	1.309	6.9
%RSD	.46512	.08991	.57679	1.6086	.24665

#1	1898.6	53449.	4917.9	82.566	2809.0
#2	1914.4	53368.	4956.9	81.592	2820.2
#3	1899.5	53454.	4973.5	79.975	2807.6

Sample Name: SOIL MDL-1 Acquired: 7/18/2018 18:53:05 Type: Unk

Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00511	.01629	.00717	.02286	.03530	.11815	.12318	.00305
Stddev	.00198	.00144	.00065	.00324	.00089	.00813	.00046	.00002
%RSD	38.714	8.8335	9.0688	14.171	2.5297	6.8849	.37362	.50192

#1	.00283	.01628	.00772	.01930	.03633	.12321	.12305	.00305
#2	.00625	.01774	.00734	.02563	.03467	.12247	.12280	.00303
#3	.00626	.01486	.00646	.02366	.03491	.10877	.12369	.00306

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	3.2501	.02566	.02942	.01491	.15706	.01088	3.1670
Stddev	.00003	.0142	.00075	.00004	.00075	.00357	.00007	.0461
%RSD	.89525	.43752	2.9150	.13577	5.0293	2.2705	.61436	1.4544

#1	.00313	3.2653	.02567	.02946	.01534	.16029	.01081	3.1143
#2	.00308	3.2371	.02640	.02942	.01404	.15323	.01094	3.1869
#3	.00308	3.2479	.02490	.02938	.01534	.15765	.01090	3.1997

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03496	.00633	3.0069	.03297	.03908	3.0418	.00856	.00090
Stddev	.00016	.00005	.0067	.00014	.00064	.0316	.00049	.00240
%RSD	.46275	.76523	.22153	.42741	1.6312	1.0404	5.7394	268.09

#1	.03515	.00628	3.0098	.03286	.03891	3.0522	.00841	.00094
#2	.03490	.00634	2.9993	.03294	.03855	3.0063	.00911	-.00001
#3	.03484	.00638	3.0116	.03313	.03979	3.0670	.00817	-.00361

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05159	.05434	.00496	.03176	.03044	.0521	.06589	<.00000
Stddev	.00098	.01100	.00120	.00059	.00129	.0031	.00060	.02925
%RSD	1.8940	20.252	24.251	1.8629	4.2381	6.039	.91525	1074.6

#1	.05062	.06383	.00425	.03202	.02895	.0546	.06655	-.03609
#2	.05155	.05690	.00428	.03108	.03122	.0486	.06536	.00941
#3	.05258	.04228	.00634	.03217	.03114	.0533	.06577	.01851

Sample Name: SOIL MDL-1 Acquired: 7/18/2018 18:53:05 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.07056
%RSD	94.091

#1	-.14793
#2	-.00708
#3	-.06995

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.3	54027.	4954.7	32.459	2893.9
Stddev	5.9	182.	30.1	1.465	8.8
%RSD	.30711	.33760	.60794	1.7769	.30377

#1	1917.7	53822.	4935.4	82.305	2884.1
#2	1926.1	54087.	4989.5	83.995	2896.9
#3	1929.2	54172.	4939.4	81.077	2900.9

Sample Name: SOIL MDL-2 Acquired: 7/18/2018 18:58:07 Type: Unk

Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00705	.01377	.00452	.01728	.02897	.11325	.10388	.00268
Stddev	.00219	.00182	.00143	.00253	.00082	.00810	.00068	.00006
%RSD	31.058	13.208	31.574	14.621	2.8329	7.1503	.65749	2.3710

#1	.00955	.01210	.00448	.01545	.02807	.12203	.10310	.00275
#2	.00548	.01571	.00311	.02016	.02916	.11167	.10429	.00267
#3	.00611	.01351	.00596	.01623	.02968	.10606	.10427	.00262

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00259	2.7462	.04323	.02548	.01235	.35739	.01191	2.6593
Stddev	.00009	.0219	.00054	.00026	.00024	.02904	.00014	.0240
%RSD	3.3346	.79754	1.2379	1.0113	1.9401	8.1257	1.2019	.90194

#1	.00256	2.7604	.04382	.02557	.01259	.38906	.01195	2.6697
#2	.00269	2.7210	.04309	.02519	.01211	.35107	.01203	2.6319
#3	.00252	2.7573	.04278	.02569	.01233	.33202	.01175	2.6764

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04269	.00545	2.5491	.02772	.03739	2.5768	.00967	.00257
Stddev	.00028	.00014	.0034	.00009	.00059	.0054	.00019	.00173
%RSD	.65806	2.5890	.13170	.32869	1.5896	.21089	1.9901	67.380

#1	.04300	.00561	2.5463	.02771	.03807	2.5830	.00990	.00340
#2	.04262	.00538	2.5483	.02782	.03697	2.5738	.00957	.00058
#3	.04246	.00535	2.5528	.02764	.03714	2.5734	.00956	.00374

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04366	.05412	.00343	.02696	.02593	.0454	.05610	.00399
Stddev	.00234	.00643	.00043	.00164	.00162	.0010	.00048	.04154
%RSD	5.3509	11.877	12.660	6.0880	6.2562	2.307	.85809	1040.4

#1	.04180	.06102	.00300	.02556	.02406	.0448	.05611	.02587
#2	.04291	.04830	.00386	.02656	.02686	.0448	.05657	.03002
#3	.04628	.05304	.00342	.02877	.02687	.0466	.05561	-.04391

Sample Name: SOIL MDL-2 Acquired: 7/18/2018 18:58:07 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.14267
%RSD	262.62

#1	.08203
#2	-.20257
#3	-.04244

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.8	54235.	4954.4	30.952	2893.7
Stddev	5.1	98.	29.6	1.260	6.1
%RSD	.26313	.17994	.59701	1.5561	.21053

#1	1920.5	54150.	4939.2	79.500	2889.0
#2	1917.6	54213.	4935.4	81.759	2891.5
#3	1927.4	54341.	4988.5	81.595	2900.5

Sample Name: SOIL MDL-3 Acquired: 7/18/2018 19:03:08 Type: Unk

Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00835	.01430	.00630	.01873	.03223	.12417	.11489	.00289
Stddev	.00138	.00106	.00092	.00381	.00190	.00386	.00030	.00011
%RSD	16.503	7.4358	14.574	20.339	5.8829	3.1095	.26337	3.7312

#1	.00993	.01548	.00525	.01563	.03433	.12852	.11473	.00294
#2	.00742	.01401	.00670	.01758	.03173	.12114	.11471	.00297
#3	.00769	.01342	.00695	.02298	.03064	.12285	.11524	.00277

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	3.0244	.00607	.02773	.01323	.05470	.00835	2.9029
Stddev	.00008	.0289	.00016	.00019	.00023	.00173	.00011	.0397
%RSD	2.8636	.95392	2.6866	.70312	1.7267	3.1706	1.2645	1.3686

#1	.00289	3.0563	.00626	.02795	.01301	.05312	.00844	2.9485
#2	.00273	3.0167	.00603	.02764	.01322	.05441	.00836	2.8759
#3	.00285	3.0001	.00594	.02759	.01347	.05655	.00823	2.8843

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02226	.00578	2.8284	.03076	.03680	2.8660	.00616	.00419
Stddev	.00033	.00025	.0153	.00037	.00044	.0186	.00023	.00535
%RSD	1.4710	4.2732	.54115	1.1937	1.1908	.65044	3.6763	127.75

#1	.02263	.00588	2.8360	.03076	.03653	2.8628	.00593	-.00130
#2	.02211	.00597	2.8108	.03039	.03730	2.8492	.00638	.00447
#3	.02202	.00550	2.8384	.03113	.03656	2.8861	.00618	.00939

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04566	.05798	.00480	.03114	.02955	.0476	.06237	.02551
Stddev	.00284	.01143	.00089	.00210	.00039	.0010	.00023	.05460
%RSD	6.2290	19.714	18.444	6.7469	1.3115	2.154	.36153	214.04

#1	.04862	.07026	.00574	.03208	.02975	.0483	.06222	.00080
#2	.04540	.05603	.00398	.03261	.02910	.0464	.06263	-.01237
#3	.04295	.04765	.00469	.02873	.02979	.0482	.06226	.08810

Sample Name: SOIL MDL-3 Acquired: 7/18/2018 19:03:08 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.02138
%RSD	24.424

#1	-.10782
#2	-.06521
#3	-.08964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.1	53893.	4942.1	31.615	2883.5
Stddev	5.0	83.	32.7	.539	4.0
%RSD	.25928	.15330	.66202	.66054	.13906

#1	1910.6	53800.	4979.7	81.732	2879.0
#2	1920.2	53921.	4920.8	81.027	2886.9
#3	1917.7	53957.	4925.6	82.086	2884.5

Sample Name: SOIL MDL-4 Acquired: 7/18/2018 19:08:12 Type: Unk

Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00745	.01727	.00698	.02311	.03640	.12612	.12971	.00322
Stddev	.00015	.00171	.00083	.00150	.00112	.00799	.00054	.00003
%RSD	1.9551	9.9128	11.839	6.5096	3.0840	6.3338	.41967	.84694

#1	.00735	.01673	.00774	.02454	.03724	.12311	.12908	.00324
#2	.00739	.01589	.00610	.02325	.03513	.13518	.13001	.00319
#3	.00762	.01918	.00710	.02154	.03685	.12008	.13003	.00323

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	3.3931	.00647	.03107	.01495	.07147	.00931	3.2964
Stddev	.00005	.0104	.00075	.00013	.00038	.00461	.00006	.0248
%RSD	1.6882	.30798	11.544	.41865	2.5153	6.4494	.64886	.75292

#1	.00313	3.4012	.00561	.03102	.01478	.06659	.00925	3.2708
#2	.00323	3.3813	.00696	.03097	.01538	.07576	.00937	3.2980
#3	.00321	3.3967	.00684	.03121	.01468	.07207	.00930	3.3204

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02518	.00647	3.1772	.03380	.04127	3.2044	.00672	.00239
Stddev	.00052	.00017	.0107	.00081	.00032	.0392	.00029	.00232
%RSD	2.0784	2.6787	.33720	2.4057	.78607	1.2227	4.3468	96.930

#1	.02496	.00628	3.1660	.03471	.04090	3.2259	.00683	-.00458
#2	.02480	.00662	3.1785	.03315	.04145	3.2281	.00694	.00003
#3	.02577	.00652	3.1873	.03355	.04147	3.1592	.00639	-.00262

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05027	.07721	.00482	.03387	.03050	.0529	.06964	.01108
Stddev	.00701	.02264	.00070	.00251	.00072	.0011	.00009	.06543
%RSD	13.942	29.324	14.539	7.4036	2.3620	2.095	.13617	590.30

#1	.05661	.05704	.00402	.03637	.03097	.0532	.06962	.08403
#2	.05145	.07289	.00513	.03390	.02967	.0517	.06956	-.00835
#3	.04274	.10170	.00531	.03135	.03085	.0538	.06975	-.04243

Sample Name: SOIL MDL-4 Acquired: 7/18/2018 19:08:12 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <00000
Stddev .06857
%RSD 107.10

#1 -.00980
#2 -.04117
#3 -.14110

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.9	53934.	4934.9	31.641	2892.0
Stddev	2.3	147.	13.1	.319	3.8
%RSD	.11735	.27335	.26628	.39081	.13092

#1	1922.3	53768.	4921.9	82.009	2887.7
#2	1926.5	53983.	4948.2	81.468	2894.7
#3	1926.0	54050.	4934.7	81.445	2893.5

Sample Name: SOIL MDL-5 Acquired: 7/18/2018 19:13:13 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00758	.01865	.00795	.02737	.04111	.14758	.14787	.00371	.00362
Stddev	.00337	.00031	.00132	.00075	.00034	.00741	.00097	.00003	.00007
%RSD	44.413	1.6758	16.638	2.7484	.81835	5.0213	.65338	.73776	2.0058

#1	.00613	.01836	.00893	.02693	.04101	.15553	.14771	.00370	.00362
#2	.00519	.01860	.00848	.02693	.04083	.14087	.14891	.00369	.00354
#3	.01144	.01898	.00645	.02824	.04148	.14634	.14699	.00374	.00369

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8602	.00731	.03546	.01672	.07537	.01066	3.7284	.02885	.00727
Stddev	.0151	.00072	.00023	.00001	.01451	.00014	.0041	.00004	.00068
%RSD	.39007	9.8739	.65584	.08708	19.254	1.2991	.11066	.13326	9.2925

#1	3.8726	.00656	.03533	.01673	.08817	.01080	3.7272	.02882	.00714
#2	3.8434	.00737	.03534	.01671	.07835	.01064	3.7250	.02884	.00800
#3	3.8646	.00800	.03573	.01673	.05960	.01053	3.7330	.02889	.00666

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6092	.03920	.04754	3.6511	.00765	.00540	.05803	.06752	.00487
Stddev	.0175	.00027	.00132	.0228	.00006	.00266	.00242	.00869	.00058
%RSD	.48402	.67631	2.7870	.62418	.84868	49.197	4.1695	12.867	11.819

#1	3.6143	.03929	.04818	3.6490	.00760	.00507	.05817	.07753	.00553
#2	3.6235	.03890	.04602	3.6294	.00772	.00293	.06039	.06309	.00451
#3	3.5897	.03940	.04842	3.6748	.00762	.00821	.05555	.06194	.00456

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03789	.03636	.0618	.07952	.03756	.00082
Stddev	.00118	.00090	.0012	.00008	.02937	.07742
%RSD	3.1069	2.4844	2.018	.10316	78.194	9419.7

#1	.03663	.03588	.0614	.07959	.00908	.00234
#2	.03808	.03741	.0608	.07943	.06774	.07747
#3	.03896	.03581	.0632	.07955	.03584	-.07735

Sample Name: SOIL MDL-5 Acquired: 7/18/2018 19:13:13 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL 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	1922.6	53849.	4941.7	30.806	2885.7
Stddev	12.3	213.	17.6	1.950	15.3
%RSD	.64053	.39526	.35622	2.4136	.52908
#1	1914.0	53750.	4959.6	79.300	2873.1
#2	1916.9	53704.	4924.4	83.009	2881.3
#3	1936.7	54094.	4941.1	80.109	2902.7

Sample Name: SOIL MDL-6 Acquired: 7/18/2018 19:23:16 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00787	.01544	.00656	.02189	.03399	.13345	.12394	.00315
Stddev	.00120	.00204	.00031	.00124	.00095	.01114	.00052	.00007
%RSD	15.268	13.245	4.6894	5.6839	2.8024	8.3512	.42209	2.0950
#1	.00778	.01354	.00680	.02257	.03290	.14263	.12335	.00322
#2	.00911	.01760	.00621	.02265	.03440	.12105	.12434	.00314
#3	.00672	.01516	.00666	.02045	.03466	.13667	.12414	.00310
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	3.2558	.05372	.03027	.01460	.27470	.01369	3.1226
Stddev	.00004	.0102	.00108	.00025	.00044	.01172	.00016	.0398
%RSD	1.2708	.31296	2.0123	.81402	3.0066	4.2676	1.1991	1.2759
#1	.00318	3.2541	.05497	.03016	.01410	.28808	.01387	3.0800
#2	.00311	3.2466	.05308	.03056	.01478	.26623	.01356	3.1589
#3	.00312	3.2667	.05312	.03011	.01491	.26979	.01362	3.1289
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05264	.00624	3.0100	.03264	.03880	3.0787	.01224	.00205
Stddev	.00038	.00013	.0070	.00022	.00043	.0034	.00021	.00630
%RSD	.72380	2.0572	.23349	.68371	1.1169	.11131	1.6946	307.00
#1	.05306	.00631	3.0172	.03249	.03926	3.0816	.01212	-.00305
#2	.05257	.00632	3.0097	.03253	.03840	3.0797	.01211	.00011
#3	.05231	.00609	3.0032	.03289	.03875	3.0749	.01247	.00909
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05038	.06078	.00430	.03151	.03040	.0532	.06785	<.00000
Stddev	.00312	.00641	.00059	.00183	.00080	.0027	.00029	.03575
%RSD	6.1895	10.540	13.677	5.8157	2.6314	5.132	.42967	86.159
#1	.04777	.05860	.00405	.02968	.03001	.0520	.06798	-.00039
#2	.05383	.06799	.00387	.03335	.03132	.0564	.06804	-.06533
#3	.04954	.05575	.00497	.03149	.02987	.0513	.06751	-.05875

Sample Name: SOIL MDL-6 Acquired: 7/18/2018 19:23:16 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.01438
Stddev	.09292
%RSD	646.37

#1	-.05404
#2	.12016
#3	-.02299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.4	54059.	4937.4	33.806	2887.2
Stddev	8.2	88.	11.8	.573	13.6
%RSD	.42279	.16188	.23815	.68362	.47125

#1	1938.7	53962.	4924.1	83.195	2902.5
#2	1923.8	54083.	4946.6	84.332	2876.5
#3	1925.7	54133.	4941.3	83.891	2882.5

Sample Name: SOIL MDL-7 Acquired: 7/18/2018 19:28:17 Type: Unk

Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00538	.01605	.00535	.02378	.03220	.12271	.11653	.00299
Stddev	.00357	.00282	.00058	.00206	.00106	.00286	.00024	.00006
%RSD	66.326	17.556	10.926	8.6768	3.3040	2.3329	.20547	1.8616

#1	.00140	.01370	.00581	.02553	.03336	.12565	.11637	.00292
#2	.00830	.01529	.00554	.02151	.03127	.11993	.11641	.00301
#3	.00646	.01917	.00469	.02431	.03196	.12257	.11680	.00302

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	3.0572	.01819	.02804	.01373	.20553	.01009	2.9476
Stddev	.00012	.0336	.00035	.00006	.00043	.00931	.00015	.0067
%RSD	4.1033	1.0993	1.9004	.21446	3.1601	4.5287	1.4794	.22726

#1	.00282	3.0304	.01859	.02800	.01364	.20087	.01000	2.9436
#2	.00273	3.0462	.01802	.02810	.01335	.19947	.01026	2.9439
#3	.00296	3.0949	.01796	.02800	.01420	.21625	.01001	2.9553

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03102	.00605	2.8369	.03051	.03862	2.8788	.00745	.00320
Stddev	.00036	.00013	.0104	.00037	.00035	.0295	.00023	.00519
%RSD	1.1623	2.2273	.36672	1.2235	.90140	1.0246	3.0602	162.50

#1	.03063	.00620	2.8258	.03059	.03832	2.8901	.00730	-.00626
#2	.03110	.00600	2.8385	.03084	.03854	2.8453	.00771	-.00612
#3	.03134	.00595	2.8465	.03010	.03900	2.9009	.00733	.00280

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04801	.05425	.00442	.02964	.02922	.0494	.06295	.00582
Stddev	.00257	.01368	.00133	.00080	.00033	.0010	.00027	.04692
%RSD	5.3431	25.219	30.089	2.7050	1.1248	2.040	.43547	806.27

#1	.04791	.03950	.00568	.03020	.02940	.0490	.06265	-.04285
#2	.05063	.06652	.00303	.02872	.02942	.0506	.06300	.05078
#3	.04550	.05675	.00456	.03000	.02884	.0487	.06319	.00953

Sample Name: SOIL MDL-7 Acquired: 7/18/2018 19:28:17 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <00000
Stddev .04580
%RSD 536.37

#1 .04408
#2 -.03940
#3 -.03029

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.3	54189.	4967.9	31.980	2896.3
Stddev	4.0	325.	49.9	.732	9.9
%RSD	.20556	.60011	1.0037	.89308	.34127

#1	1925.4	53941.	5025.4	82.359	2886.7
#2	1933.3	54068.	4938.5	82.445	2906.4
#3	1929.1	54557.	4939.7	81.136	2895.7

Sample Name: PB111167BL Acquired: 7/18/2018 19:33:18 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00090	.00005	.00144	.00111	.00125	.00050
Stddev	.00030	.00111	.00073	.00309	.00172	.00603	.00004
%RSD	86.397	123.52	1556.6	214.56	155.02	481.08	8.0206

#1	.00003	.00216	-.00017	.00386	-.00301	.00494	-.00053
#2	.00062	.00049	-.00071	.00250	.00037	-.00711	-.00051
#3	.00037	.00005	.00074	-.00204	-.00070	-.00159	-.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00007	.00319	.00030	.00017	.00016	.00010
Stddev	.00001	.00012	.00428	.00027	.00018	.00004	.00963
%RSD	77.637	178.67	134.20	88.040	109.68	23.210	10097.

#1	-.00001	.00017	.00108	-.00020	.00007	.00015	-.00867
#2	-.00003	.00011	.00038	-.00010	.00038	.00013	-.00144
#3	-.00001	-.00007	.00811	-.00060	.00005	.00020	.01040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00736	.00017	.00001	.02633	.00082	.00004
Stddev	.00005	.01553	.00031	.00037	.00767	.00042	.00007
%RSD	102.24	211.08	180.15	2713.2	29.121	51.235	172.59

#1	.00010	-.02015	-.00052	-.00037	-.03100	-.00108	.00011
#2	.00002	.00993	.00002	-.00005	-.01748	-.00104	.00000
#3	.00002	-.01185	.00000	.00038	-.03050	-.00033	.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01911	.00001	.00594	.00359	.01479	.00069	.00159
Stddev	.01755	.00019	.00718	.00197	.02680	.00135	.00087
%RSD	91.843	2682.5	120.88	54.854	181.23	193.70	54.730

#1	-.03034	-.00023	-.00077	-.00386	-.03119	-.00086	.00258
#2	-.02812	.00006	-.00291	-.00541	-.02931	.00142	.00098
#3	.00112	.00014	-.01413	-.00150	.01614	.00152	.00121

Sample Name: PB111167BL Acquired: 7/18/2018 19:33:18 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.0009	.00008	F<00000	F<00000
Stddev	.00063	.0008	.00002	.02948	.03436
%RSD	222.97	94.92	29.898	141.86	84.870
#1	-.00097	.0016	-.00008	-.03929	-.00145
#2	-.00016	.0011	-.00005	-.03627	-.06616
#3	.00028	.0000	-.00010	.01321	-.05382
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.1	54296.	4952.1	30.320	2931.5
Stddev	.8	81.	29.6	2.313	1.1
%RSD	.04062	.14908	.59708	2.8802	.03635
#1	1924.9	54306.	4974.4	81.955	2931.3
#2	1924.0	54210.	4963.3	77.673	2932.6
#3	1923.4	54371.	4918.5	81.332	2930.5

Sample Name: PB111167BS Acquired: 7/18/2018 19:38:18 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02029	.05249	.02256	.07064	.11686	.41925	.41397	.01030
Stddev	.00200	.00080	.00119	.00382	.00132	.00117	.00043	.00008
%RSD	9.8429	1.5204	5.2944	5.4097	1.1332	.28014	.10453	.74946
#1	.01816	.05170	.02123	.07094	.11739	.41931	.41430	.01022
#2	.02212	.05330	.02289	.06668	.11535	.41804	.41413	.01032
#3	.02059	.05249	.02355	.07430	.11784	.42039	.41348	.01037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01019	10.581	.02205	.09832	.04737	.23489	.03005	10.277
Stddev	.00012	.028	.00063	.00026	.00039	.02020	.00005	.070
%RSD	1.1720	.26301	2.8596	.26598	.83308	8.5993	.15077	.67891
#1	.01022	10.613	.02253	.09804	.04782	.22227	.03009	10.278
#2	.01005	10.561	.02134	.09836	.04711	.22422	.03000	10.206
#3	.01028	10.569	.02229	.09856	.04718	.25819	.03006	10.346
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08073	.02048	9.8856	.10855	.13050	10.157	.02082	.01690
Stddev	.00067	.00009	.0547	.00032	.00489	.025	.00010	.00318
%RSD	.82992	.43825	.55310	.29879	3.7459	.24139	.46167	18.830
#1	.08118	.02043	9.8943	.10825	.13180	10.160	.02084	.01873
#2	.08106	.02042	9.8271	.10890	.12509	10.131	.02072	.01323
#3	.07996	.02058	9.9355	.10851	.13460	10.180	.02091	.01875
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17276	.19745	.01402	.10385	.10168	.1734	.21707	<.00000
Stddev	.00152	.00667	.00027	.00089	.00081	.0016	.00163	.00726
%RSD	.87848	3.3805	1.8918	.85451	.79288	.9336	.74956	27.391
#1	.17364	.20032	.01418	.10378	.10132	.1718	.21895	-.02787
#2	.17363	.20221	.01371	.10478	.10111	.1750	.21611	-.03295
#3	.17101	.18982	.01417	.10301	.10260	.1734	.21616	-.01864

Sample Name: PB111167BS Acquired: 7/18/2018 19:38:18 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.03617
%RSD	234.65

#1	.00276
#2	-.05707
#3	.00806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.0	53395.	4915.0	30.546	2808.3
Stddev	6.5	99.	23.0	2.736	12.1
%RSD	.34140	.18483	.46750	3.3966	.43003

#1	1905.1	53489.	4895.2	79.811	2810.5
#2	1903.5	53404.	4940.2	83.575	2795.3
#3	1915.5	53292.	4909.7	78.254	2819.1

Sample Name: J3998-19 Acquired: 7/18/2018 19:43:15 Type: Unk
Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: MBEY37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00080	.00078	.00180	-.00194	-.00493	.00042	.00002
Stddev	.00165	.00051	.00024	.00152	.00067	.00930	.00043	.00001
%RSD	224.05	63.938	30.740	84.474	34.450	188.80	103.35	45.100

#1	.00248	.00128	.00098	.00084	-.00168	.00072	.00091	.00001
#2	-.00081	.00026	.00084	.00100	-.00145	.00016	.00023	.00001
#3	.00054	.00087	.00051	.00355	-.00271	-.01567	.00011	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.01243	-.00053	.00005	.00035	.01220	.00008	.00711
Stddev	.00004	.00968	.00023	.00007	.00020	.00443	.00001	.01171
%RSD	49.798	77.884	42.708	141.07	57.426	36.309	10.947	164.70

#1	.00012	-.02287	-.00030	.00001	.00012	.01304	.00009	.00426
#2	.00007	-.01064	-.00075	.00014	.00043	.01614	.00008	.01999
#3	.00004	-.00377	-.00053	.00001	.00051	.00741	.00007	-.00292

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00005	-.06142	-.00035	.00004	-.04780	-.00014	-.01151
Stddev	.00055	.00017	.00799	.00018	.00005	.00413	.00030	.00403
%RSD	238.49	360.07	13.002	49.605	118.51	8.6375	218.11	34.967

#1	-.00080	.00013	-.06680	-.00055	.00004	-.04452	.00020	-.00979
#2	-.00019	-.00022	-.06521	-.00025	-.00001	-.04645	-.00022	-.01612
#3	.00030	-.00005	-.05224	-.00026	.00009	-.05243	-.00039	-.00864

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	.00272	.00051	.00206	-.00120	.0039	-.00008	.09502
Stddev	.00224	.02306	.00057	.00056	.00088	.0005	.00008	.02562
%RSD	217.17	848.63	112.34	27.223	73.278	12.92	103.45	26.963

#1	.00014	-.01997	-.00002	.00216	-.00040	.0041	-.00004	.11667
#2	.00358	.02614	.00111	.00146	-.00106	.0043	-.00002	.06673
#3	-.00063	.00199	.00042	.00257	-.00215	.0034	-.00017	.10166

Sample Name: J3998-19 Acquired: 7/18/2018 19:43:15 Type: Unk
 Method: P5-ISM02.4(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: MBEY37 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.03634
Stddev	.04953
%RSD	136.29

#1	.05578
#2	-.01996
#3	.07320

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.4	56979.	5147.4	36.602	3133.2
Stddev	10.3	51.	21.3	1.403	19.7
%RSD	.50664	.09024	.41434	1.6203	.62845

#1	2043.8	56992.	5150.6	87.759	3146.3
#2	2045.0	57022.	5167.0	87.005	3142.8
#3	2026.5	56922.	5124.7	85.041	3110.6