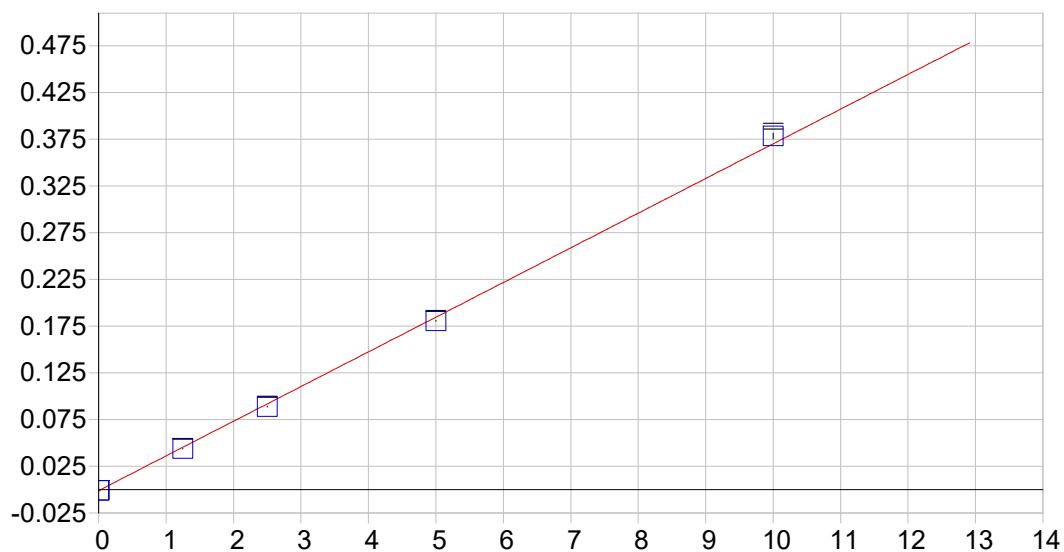


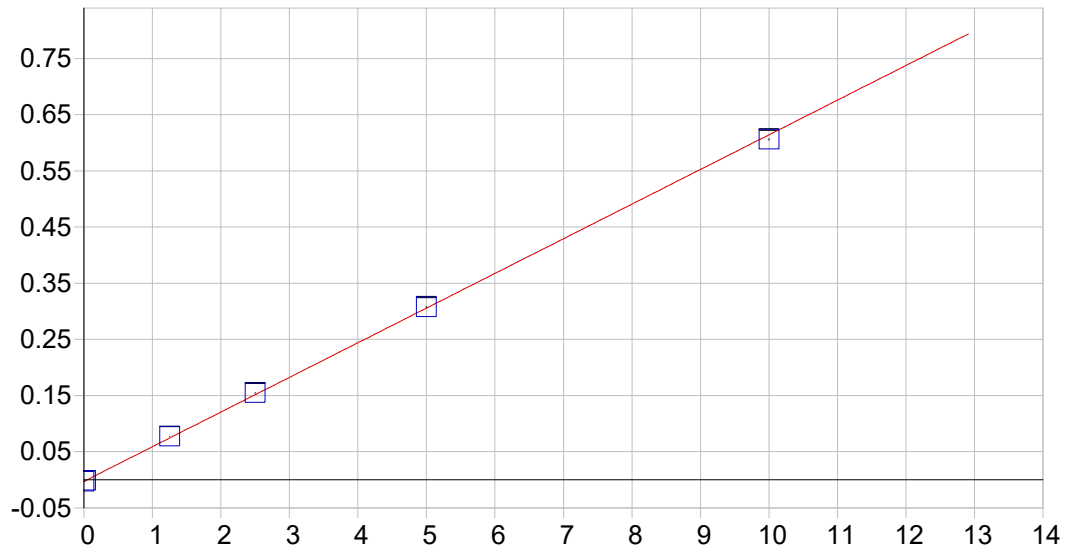


As 189.042 {479}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001002	Re-Slope:	1.000000
A1 (Gain):	0.037116	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999707	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.004812		
Predicted MQL:	0.016042		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00100	.000	1
S1	.01000	.01054	.001	5.42	-.00061	.000	1
S2	1.2500	1.2103	-.040	-3.18	.04392	.000	1
S3	2.5000	2.4211	-.079	-3.16	.08886	.000	1
S4	5.0000	4.8945	-.106	-2.11	.18066	.001	1
S5	10.000	10.224	.224	2.24	.37846	.003	1

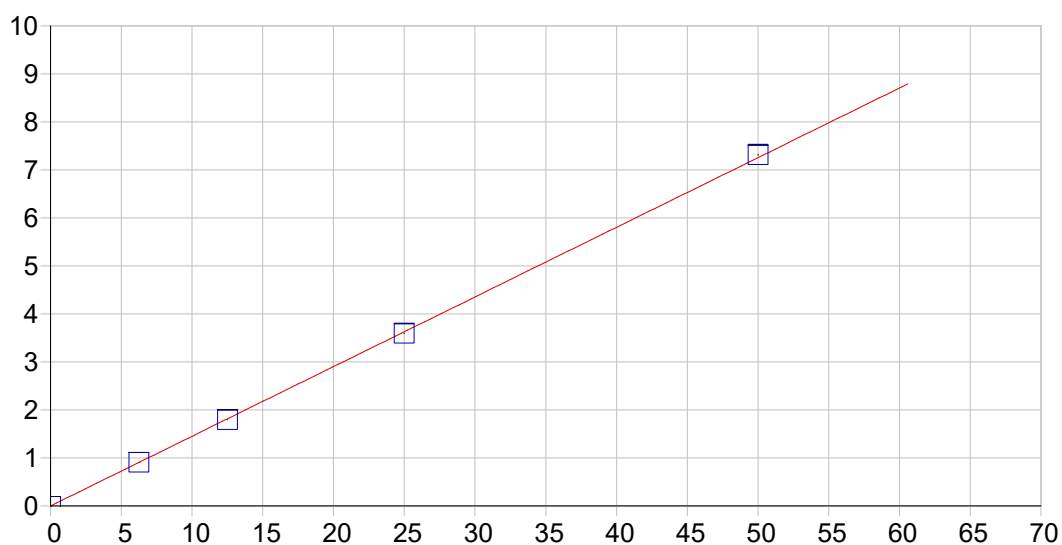


TI 190.856 {477}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002733 Re-Slope: 1.000000
 A1 (Gain): 0.061707 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.003162
 Predicted MQL: 0.010541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00273	.000	1
S1	.02500	.02444	-.001	-2.24	-.00122	.000	1
S2	1.2500	1.2988	.049	3.90	.07741	.000	1
S3	2.5000	2.5552	.055	2.21	.15494	.001	1
S4	5.0000	5.0296	.030	.591	.30762	.001	1
S5	10.000	9.8670	-.133	-1.33	.60613	.002	1

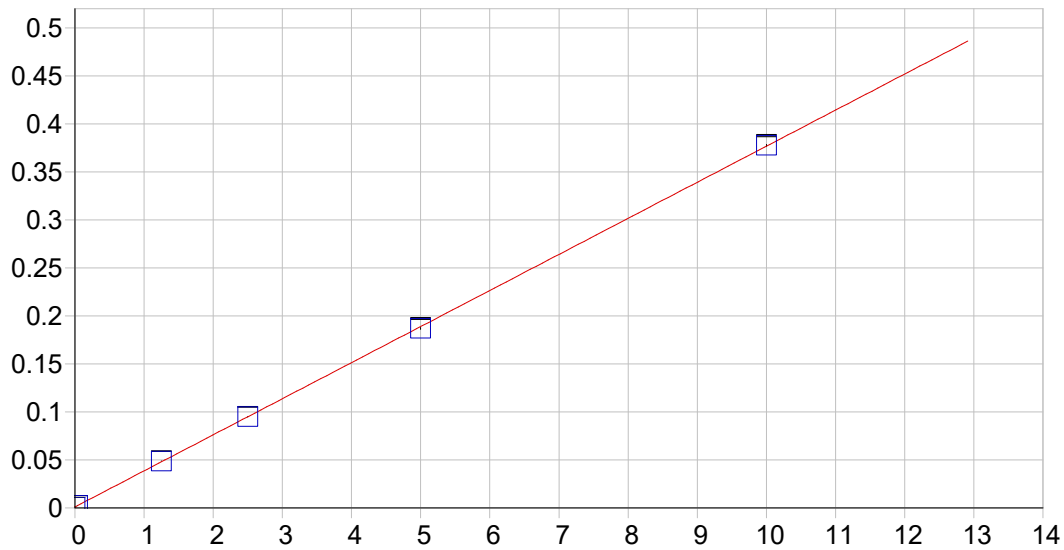


Pb 220.353 {453}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000396 Re-Slope: 1.000000
 A1 (Gain): 0.145094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002354
 Predicted MQL: 0.007845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.01000	.01054	.001	5.43	.00193	.000	1
S2	6.2500	6.2294	-.021	-.330	.90424	.001	1
S3	12.500	12.364	-.136	-1.09	1.7943	.004	1
S4	25.000	24.746	-.254	-1.02	3.5909	.007	1
S5	50.000	50.411	.411	.821	7.3146	.009	1

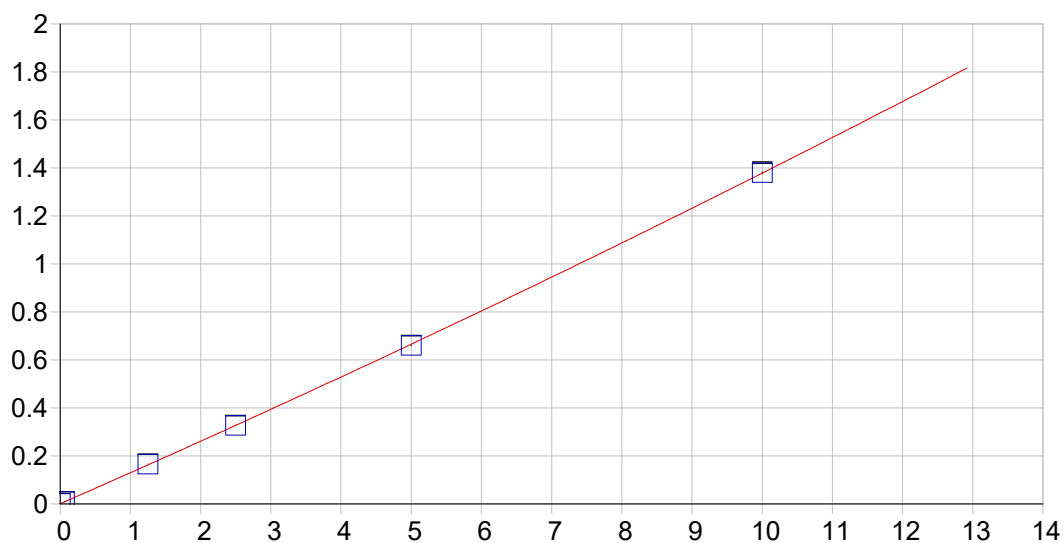


Se 196.090 {472}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001009 Re-Slope: 1.000000
 A1 (Gain): 0.037578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.005212
 Predicted MQL: 0.017374

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00101	.000	1
S1	.03500	.04158	.007	18.8	.00257	.000	1
S2	1.2500	1.2691	.019	1.53	.04870	.000	1
S3	2.5000	2.5041	.004	.164	.09511	.000	1
S4	5.0000	4.9487	-.051	-1.03	.18697	.001	1
S5	10.000	10.022	.022	.215	.37759	.001	1

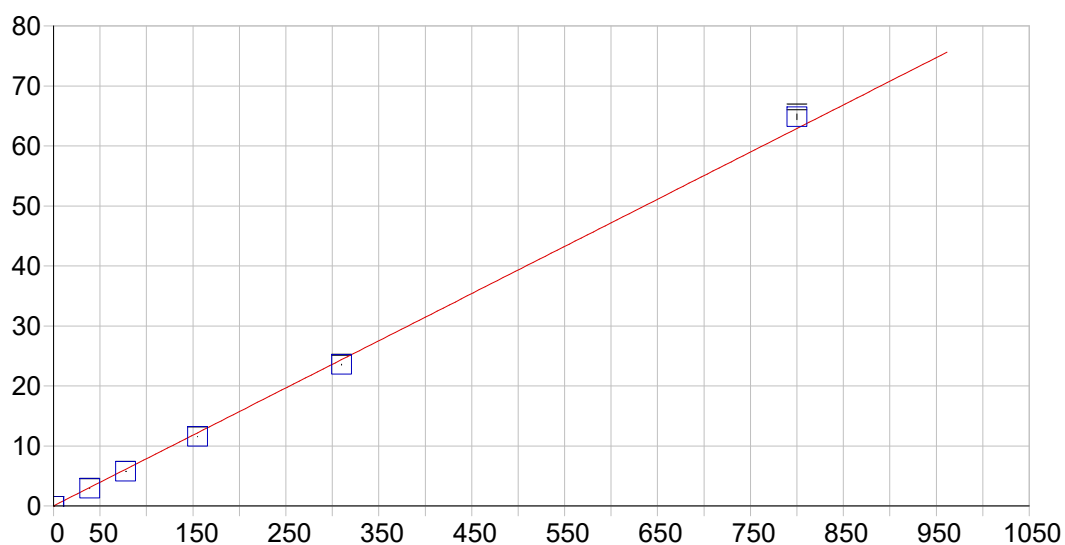


Sb 206.833 {463}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000912	Re-Slope:	1.000000
A1 (Gain):	0.128128	Y-int:	0.000000
A2 (Curvature):	0.000959		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	Warning Positive Curvature
Std Error of Est:	0.000048		
Predicted MDL:	0.002214		
Predicted MQL:	0.007379		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00091	.000	1
S1	.06000	.06360	.004	6.00	.00907	.000	1
S2	1.2500	1.2755	.026	2.04	.16590	.001	1
S3	2.5000	2.4934	-.007	-.263	.32635	.001	1
S4	5.0000	4.9605	-.039	-.790	.66010	.001	1
S5	10.000	10.017	.017	.171	1.3806	.003	1

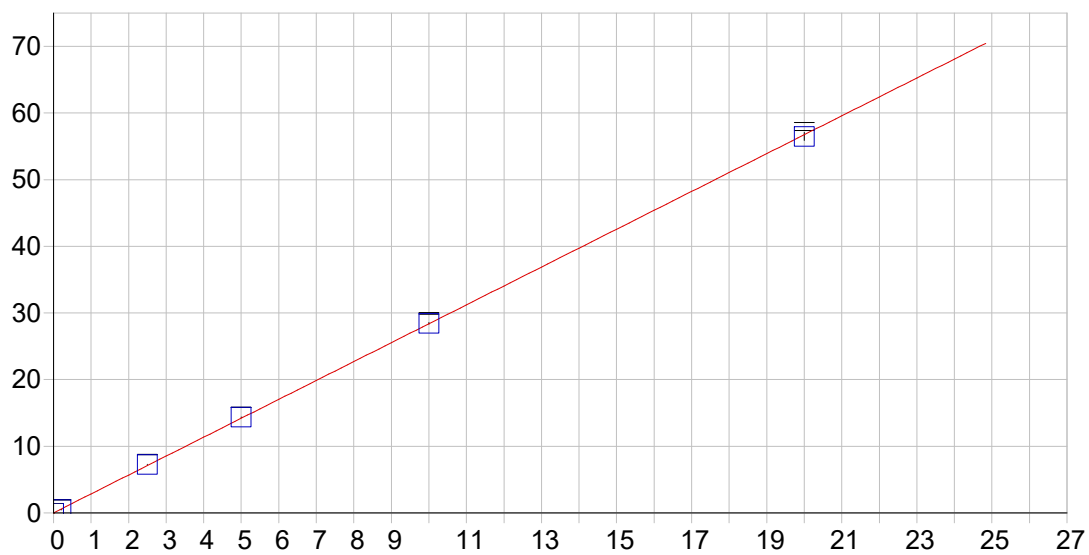


AI 396.152 { 85}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001003	Re-Slope:	1.000000
A1 (Gain):	0.078632	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999319	Status:	OK.
Std Error of Est:	0.001805		
Predicted MDL:	0.009799		
Predicted MQL:	0.032665		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00101	.000	1
S1	.20000	.19899	-.001	-.505	.01665	.000	1
S2	38.750	37.002	-1.75	-4.51	2.9105	.016	1
S3	77.500	73.035	-4.47	-5.76	5.7439	.006	1
S4	155.00	146.87	-8.13	-5.25	11.550	.031	1
S5	310.00	299.54	-10.5	-3.37	23.554	.091	1
S6	800.00	824.80	24.8	3.10	64.857	.499	1

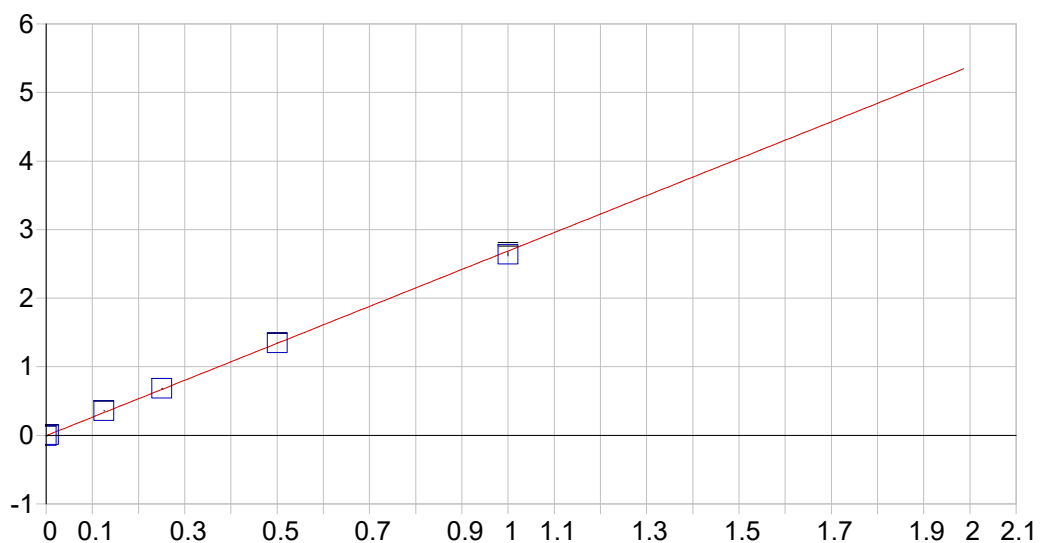


Ba 493.409 { 68}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.013903	Re-Slope:	1.000000
A1 (Gain):	2.836655	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999874	Status:	OK.
Std Error of Est:	0.004795		
Predicted MDL:	0.000745		
Predicted MQL:	0.002483		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.01399	.000	1
S1	.20000	.16214	-.038	-18.9	.47385	.001	1
S2	2.5000	2.5558	.056	2.23	7.2638	.017	1
S3	5.0000	5.0555	.055	1.11	14.355	.022	1
S4	10.000	10.022	.022	.221	28.443	.125	1
S5	20.000	19.905	-.095	-.477	56.476	.609	1

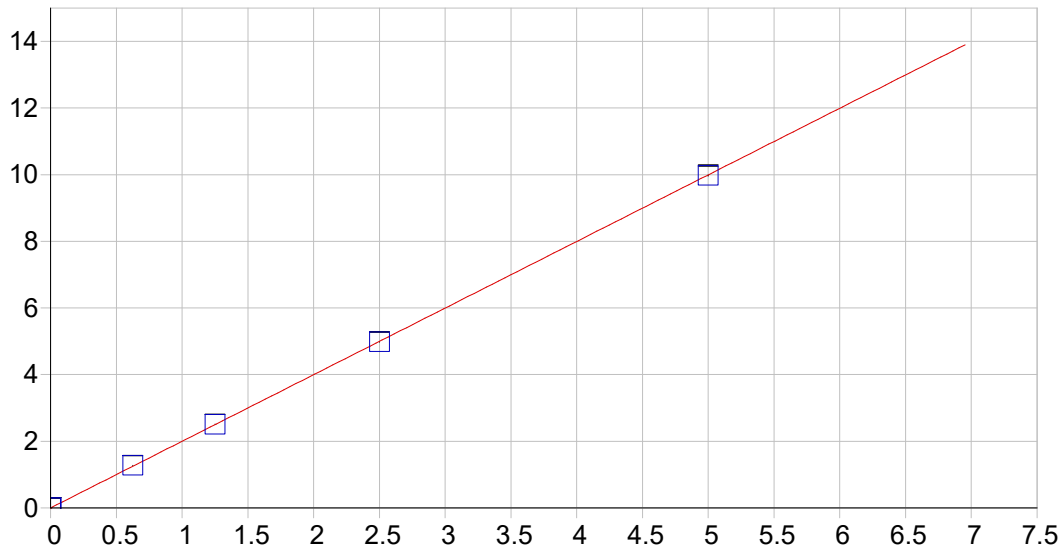


Be 234.861 {144}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.004665	Re-Slope:	1.000000
A1 (Gain):	2.693071	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999692	Status:	OK.
Std Error of Est:	0.000251		
Predicted MDL:	0.000107		
Predicted MQL:	0.000357		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00467	.000	1
S1	.00500	.00555	.001	11.1	.01029	.001	1
S2	.12500	.13396	.009	7.17	.35610	.000	1
S3	.25000	.25591	.006	2.36	.68451	.002	1
S4	.50000	.50210	.002	.421	1.3475	.007	1
S5	1.0000	.98247	-.018	-1.75	2.6412	.026	1

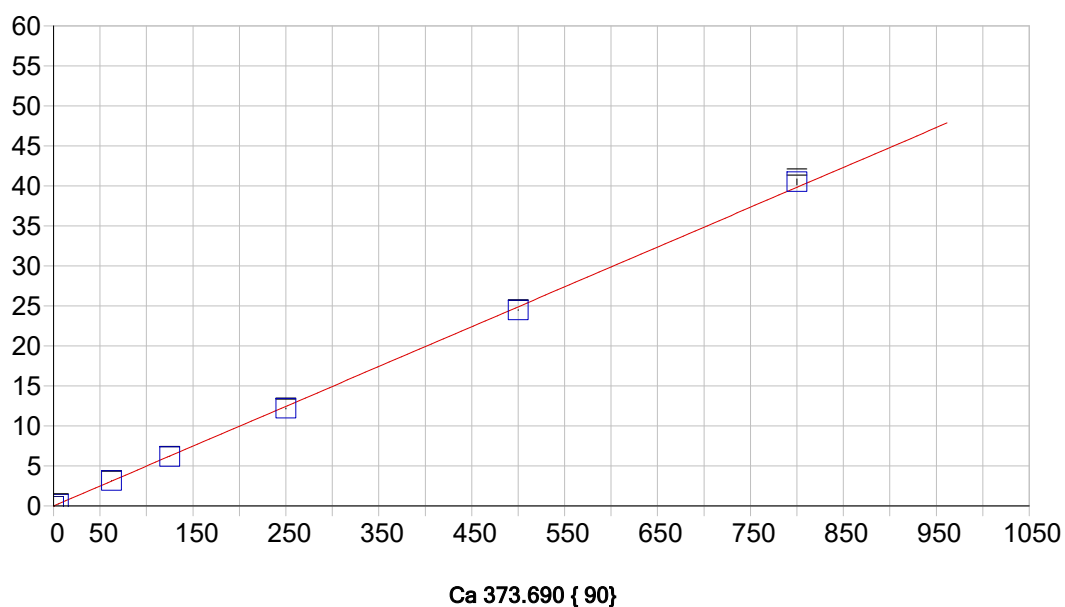


Cd 214.438 {457}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000355 Re-Slope: 1.000000
 A1 (Gain): 1.998937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000126
 Predicted MQL: 0.000421

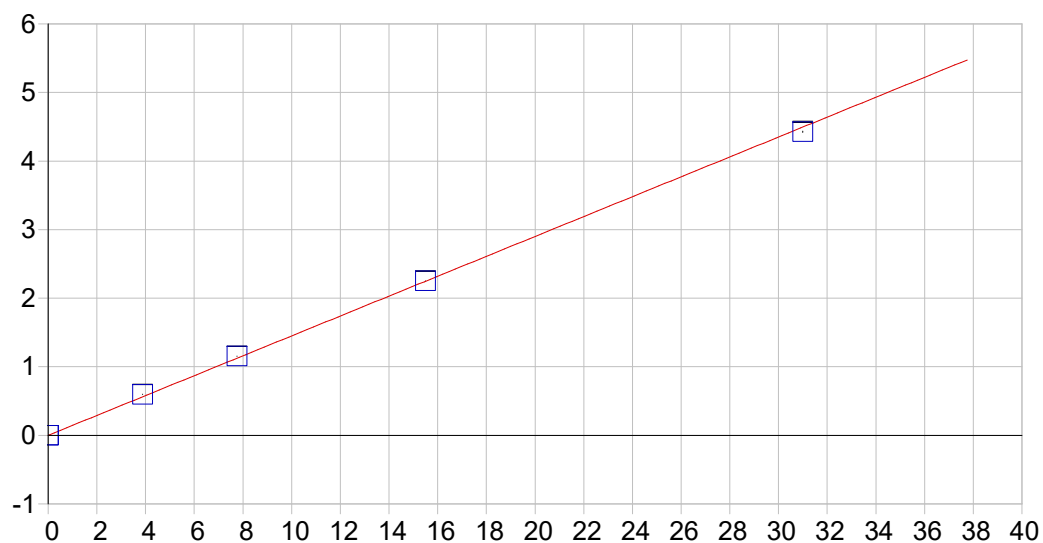
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.00500	.00516	.000	3.18	.01067	.000	1
S2	.62500	.63680	.012	1.89	1.2733	.001	1
S3	1.2500	1.2548	.005	.382	2.5086	.004	1
S4	2.5000	2.4936	-.006	-.255	4.9850	.007	1
S5	5.0000	4.9896	-.010	-.207	9.9743	.018	1



Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001067 Re-Slope: 1.000000
 A1 (Gain): 0.049777 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.002943
 Predicted MDL: 0.012429
 Predicted MQL: 0.041429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00106	.000	1
S1	5.0000	5.1980	.198	3.96	.25980	.001	1
S2	62.500	63.066	.566	.906	3.1403	.010	1
S3	125.00	123.90	-1.10	-.883	6.1682	.015	1
S4	250.00	244.98	-5.02	-2.01	12.196	.058	1
S5	500.00	491.62	-8.38	-1.68	24.472	.030	1
S6	800.00	813.74	13.7	1.72	40.506	.390	1

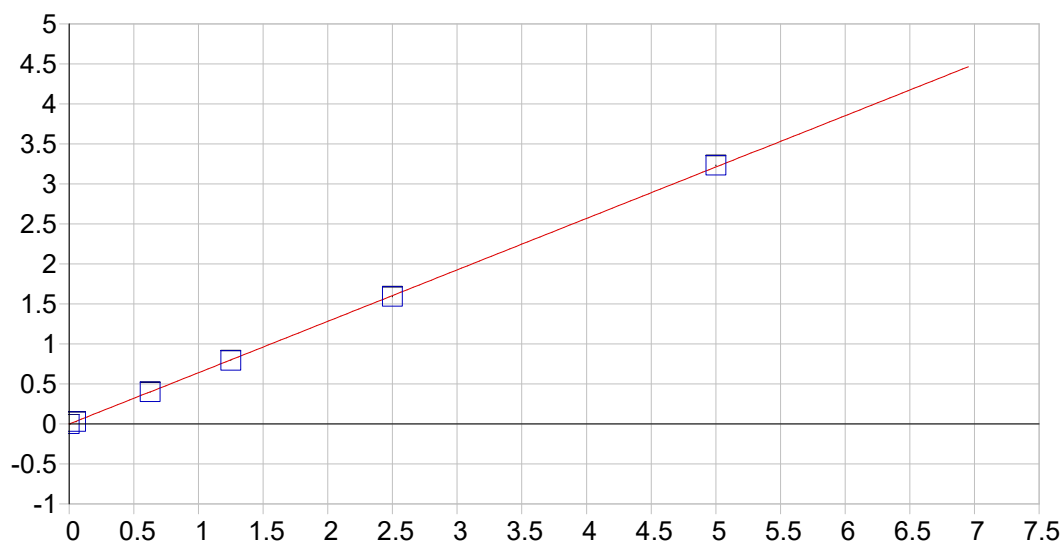


Cr 267.716 {126}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.145018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999751 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000562
 Predicted MQL: 0.001872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01098	.001	9.80	.00155	.000	1
S2	3.8750	4.1227	.248	6.39	.59782	.001	1
S3	7.7500	7.9586	.209	2.69	1.1541	.001	1
S4	15.500	15.522	.022	.140	2.2509	.002	1
S5	31.000	30.521	-.479	-1.54	4.4261	.008	1

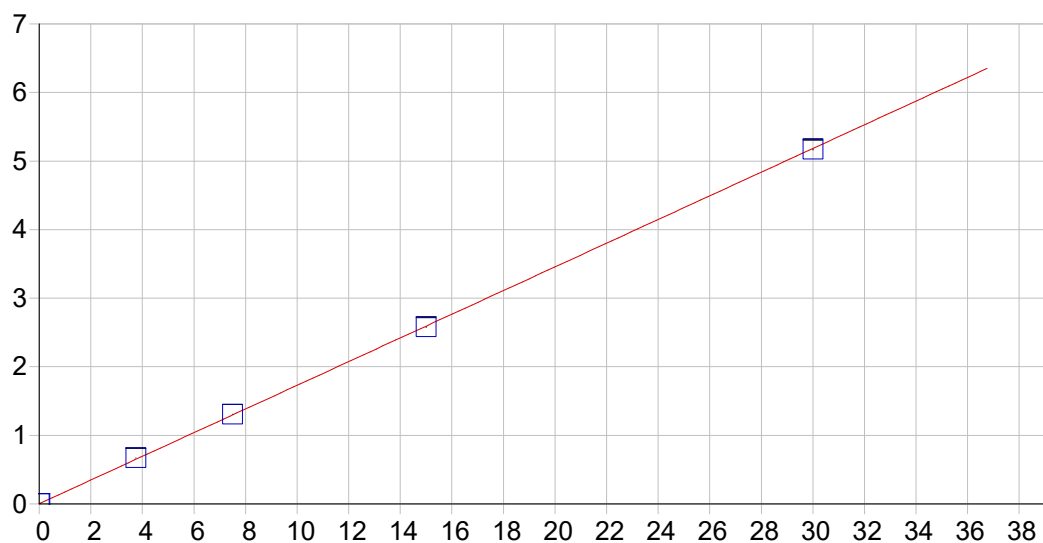


Co 228.616 {448}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001762 Re-Slope: 1.000000
 A1 (Gain): 0.642438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000361
 Predicted MQL: 0.001204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00176	.000	1
S1	.05000	.04879	-.001	-2.42	.02958	.000	1
S2	.62500	.62300	-.002	-.320	.39848	.001	1
S3	1.2500	1.2377	-.012	-.983	.79339	.003	1
S4	2.5000	2.4822	-.018	-.711	1.5929	.003	1
S5	5.0000	5.0333	.033	.666	3.2318	.006	1

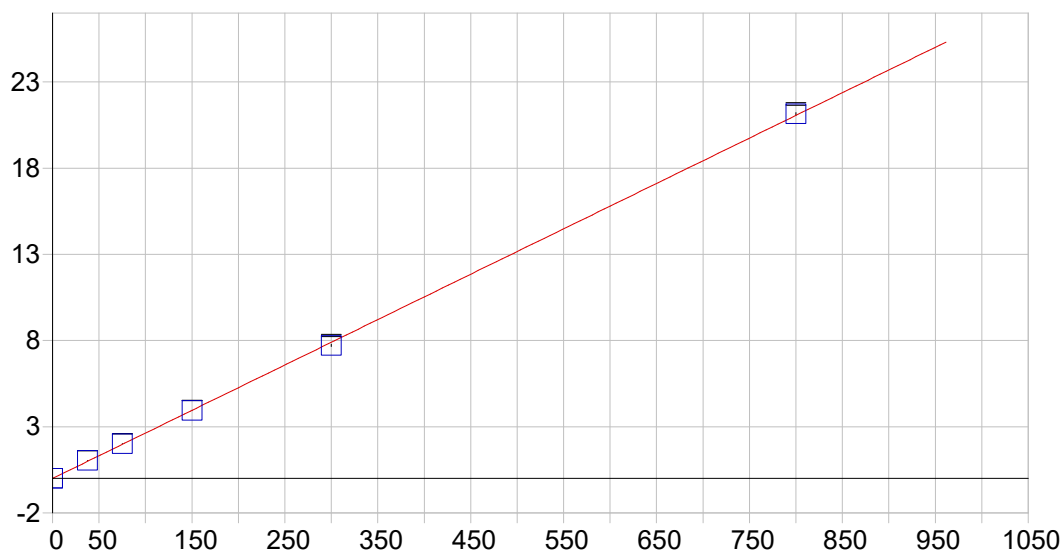


Cu 324.754 {104}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002740	Re-Slope:	1.000000
A1 (Gain):	0.172697	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.002494		
Predicted MQL:	0.008314		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00274	.000	1
S1	.02500	.02093	-.004	-16.3	.00635	.000	1
S2	3.7500	3.8654	.115	3.08	.67029	.003	1
S3	7.5000	7.5416	.042	.555	1.3052	.000	1
S4	15.000	14.915	-.085	-.566	2.5785	.009	1
S5	30.000	29.932	-.068	-.227	5.1719	.010	1

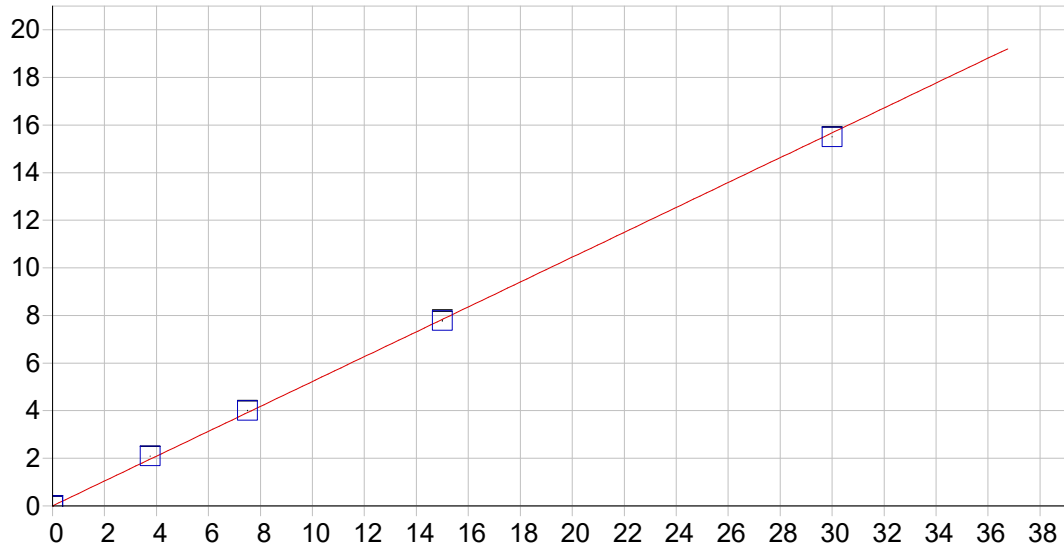


Fe 259.837 {130}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000202 Re-Slope: 1.000000
 A1 (Gain): 0.026329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.008170
 Predicted MQL: 0.027232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00020	.000	1
S1	.10000	.11079	.011	10.8	.00312	.000	1
S2	37.500	39.658	2.16	5.75	1.0444	.009	1
S3	75.000	76.494	1.49	1.99	2.0142	.008	1
S4	150.00	149.87	-.125	-.084	3.9463	.012	1
S5	300.00	292.95	-7.05	-2.35	7.7133	.065	1
S6	800.00	803.51	3.51	.439	21.156	.077	1

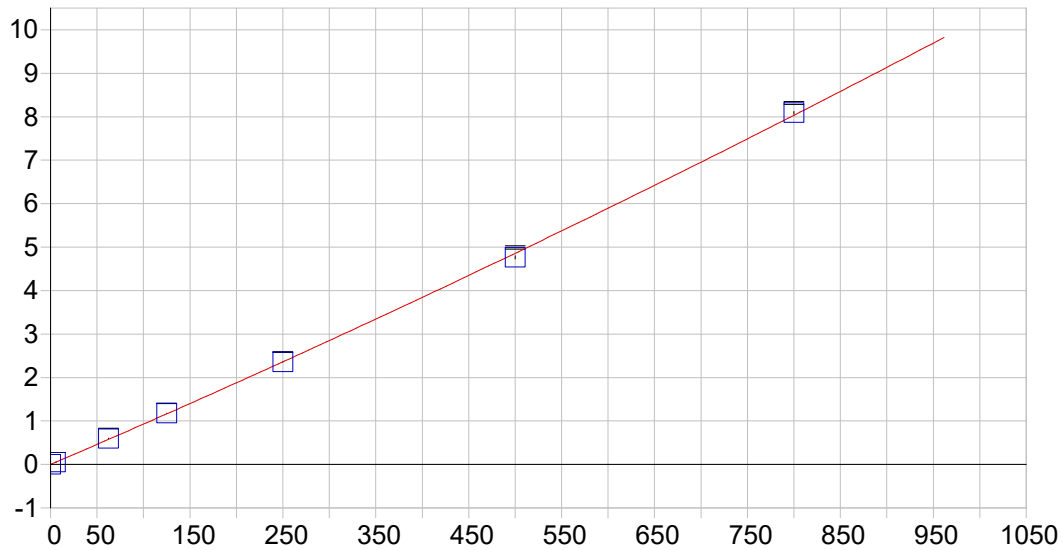


Mn 257.610 {131}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000476 Re-Slope: 1.000000
 A1 (Gain): 0.522492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000388
 Predicted MDL: 0.000417
 Predicted MQL: 0.001391

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.01500	.01556	.001	3.71	.00860	.000	1
S2	3.7500	4.0024	.252	6.73	2.0917	.009	1
S3	7.5000	7.6607	.161	2.14	4.0031	.016	1
S4	15.000	14.909	-.091	-.604	7.7905	.033	1
S5	30.000	29.677	-.323	-1.08	15.506	.012	1

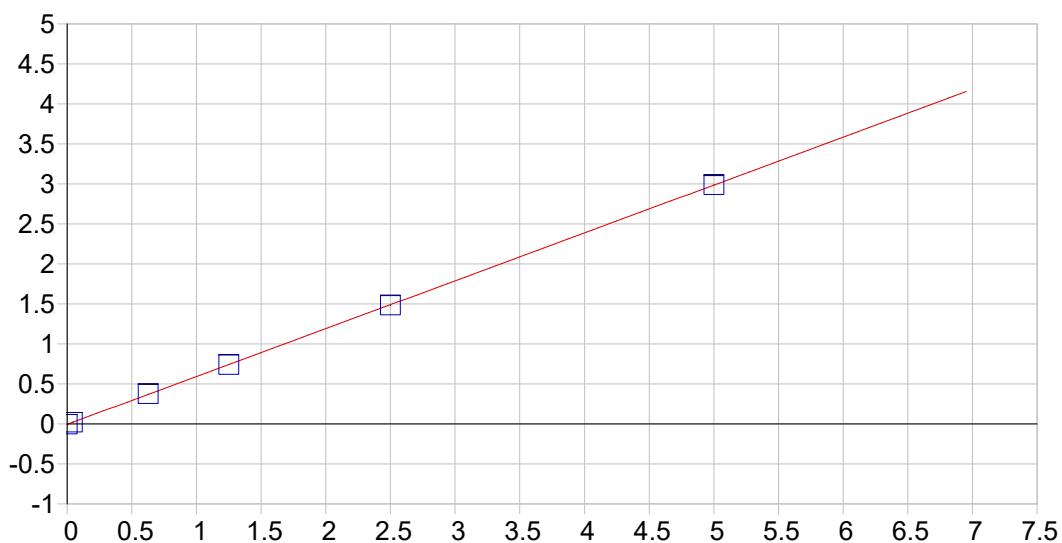


Mg 279.079 {121}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.009175 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: Warning Positive Curvature
 Std Error of Est: 0.000572
 Predicted MDL: 0.028139
 Predicted MQL: 0.093796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00079	-.001	.000	.00006	.000	1
S1	5.0000	5.6034	.603	12.1	.05151	.000	1
S2	62.500	64.845	2.35	3.75	.59958	.006	1
S3	125.00	126.51	1.51	1.21	1.1781	.003	1
S4	250.00	249.68	-.317	-.127	2.3584	.005	1
S5	500.00	490.74	-9.26	-1.85	4.7635	.038	1
S6	800.00	805.16	5.16	.645	8.0897	.034	1

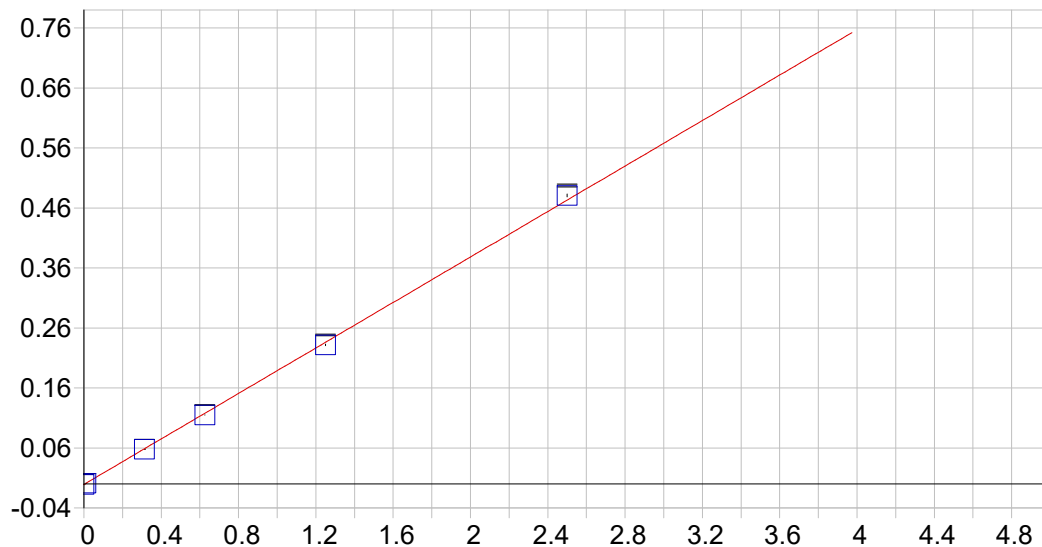


Ni 231.604 {446}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005346 Re-Slope: 1.000000
 A1 (Gain): 0.598197 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.000529
 Predicted MQL: 0.001763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00535	.000	1
S1	.04000	.04290	.003	7.24	.02031	.000	1
S2	.62500	.63433	.009	1.49	.37411	.000	1
S3	1.2500	1.2488	-.001	-.092	.74171	.001	1
S4	2.5000	2.4876	-.012	-.496	1.4827	.003	1
S5	5.0000	5.0013	.001	.026	2.9864	.006	1

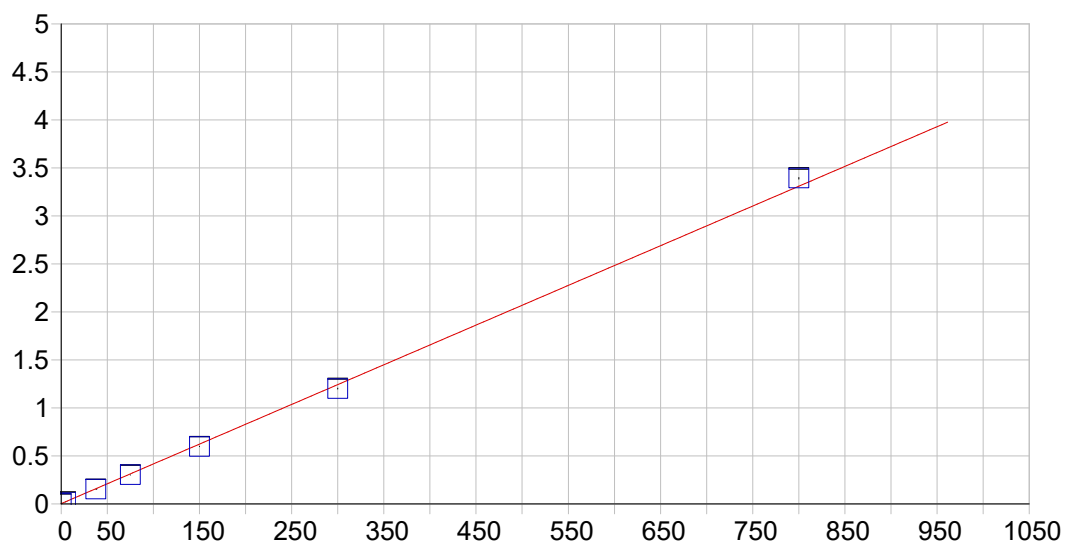


Ag 328.068 {103}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000820 Re-Slope: 1.000000
 A1 (Gain): 0.189541 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000623
 Predicted MQL: 0.002077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.01000	.00994	-.000	-.643	.00106	.000	1
S2	.31250	.30899	-.004	-1.12	.05775	.000	1
S3	.62500	.61076	-.014	-2.28	.11494	.000	1
S4	1.2500	1.2271	-.023	-1.83	.23177	.001	1
S5	2.5000	2.5407	.041	1.63	.48075	.002	1

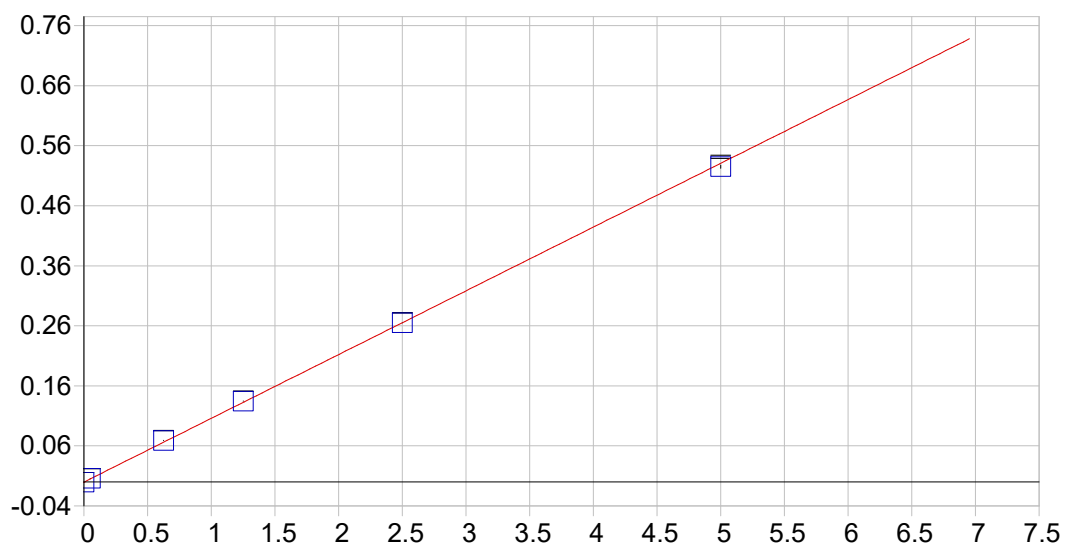


Na 818.326 { 41}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002552	Re-Slope:	1.000000
A1 (Gain):	0.004134	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999549	Status:	OK.
Std Error of Est:	0.000384		
Predicted MDL:	0.314766		
Predicted MQL:	1.049221		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00093	.001	.000	.00256	.001	1
S1	5.0000	4.6148	-.385	-7.70	.02163	.001	1
S2	37.500	36.502	-.998	-2.66	.15345	.001	1
S3	75.000	72.403	-2.60	-3.46	.30187	.001	1
S4	150.00	143.98	-6.02	-4.02	.59776	.003	1
S5	300.00	289.88	-10.1	-3.37	1.2009	.006	1
S6	800.00	820.12	20.1	2.51	3.3929	.008	1

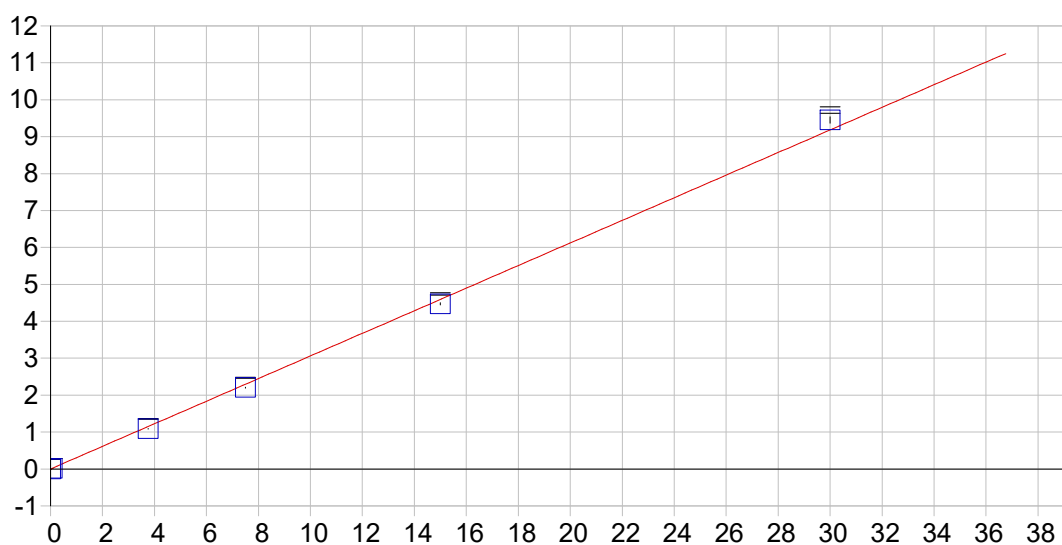


V 292.402 {115}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000328	Re-Slope:	1.000000
A1 (Gain):	0.106192	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	0.002971		
Predicted MQL:	0.009904		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00033	.000	1
S1	.05000	.05558	.006	11.2	.00557	.000	1
S2	.62500	.65285	.028	4.46	.06900	.000	1
S3	1.2500	1.2697	.020	1.58	.13451	.000	1
S4	2.5000	2.4995	-.000	-.018	.26510	.000	1
S5	5.0000	4.9473	-.053	-1.05	.52503	.003	1

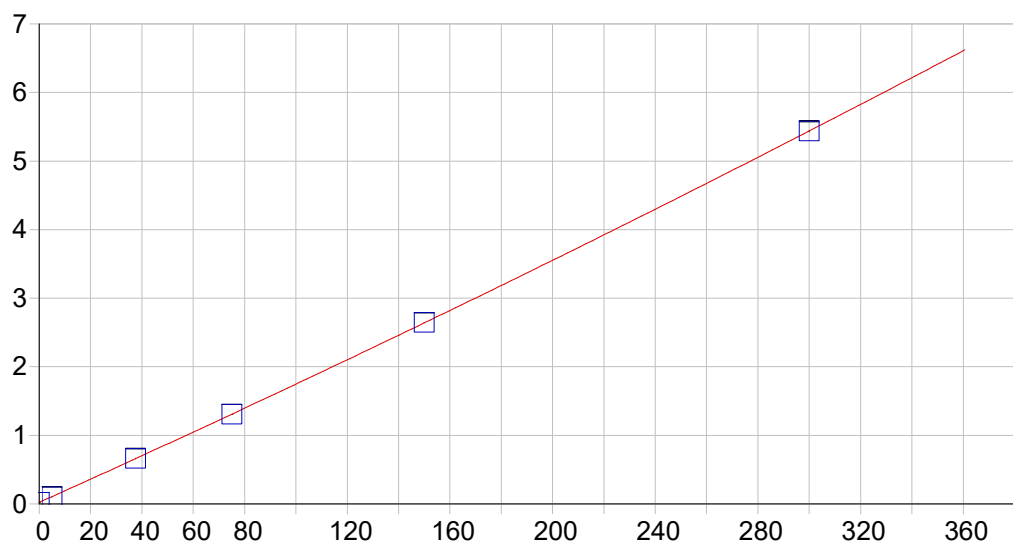


Zn 213.856 {158}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000215 Re-Slope: 1.000000
 A1 (Gain): 0.306086 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999477 Status: OK.
 Std Error of Est: 0.000704
 Predicted MDL: 0.002036
 Predicted MQL: 0.006788

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00022	.001	1
S1	.06000	.05489	-.005	-8.51	.01702	.001	1
S2	3.7500	3.5556	-.194	-5.18	1.0885	.009	1
S3	7.5000	7.2014	-.299	-3.98	2.2045	.012	1
S4	15.000	14.609	-.391	-2.60	4.4720	.033	1
S5	30.000	30.889	.889	2.96	9.4548	.086	1

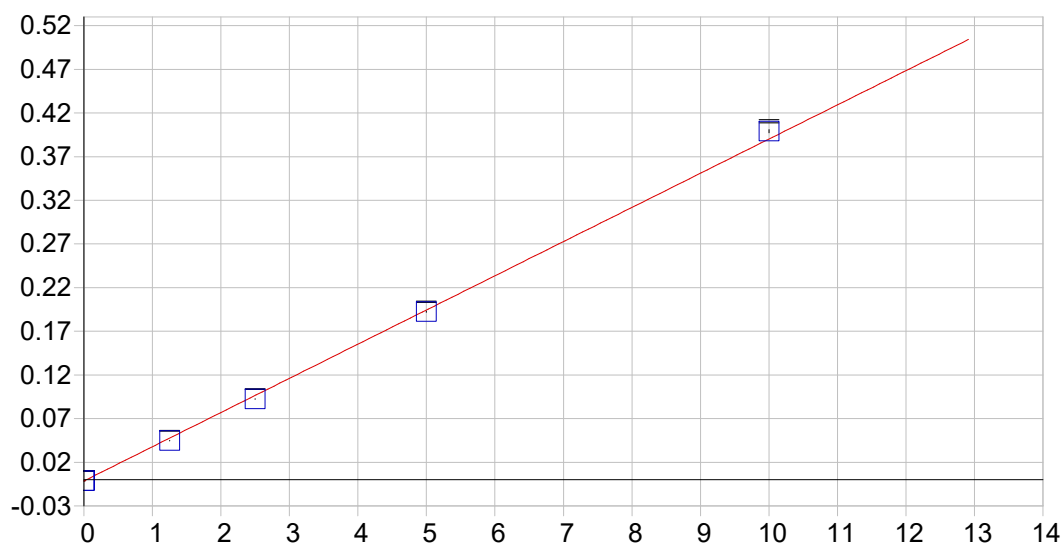


K 769.896 { 44}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.022452	Re-Slope:	1.000000
A1 (Gain):	0.016843	Y-int:	0.000000
A2 (Curvature):	0.000004		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	Warning Positive Curvature
Std Error of Est:	0.000125		
Predicted MDL:	0.070068		
Predicted MQL:	0.233560		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	.02245	.001	1
S1	5.0000	4.8494	-.151	-3.01	.10422	.003	1
S2	37.500	37.615	.115	.306	.66170	.004	1
S3	75.000	74.903	-.097	-.130	1.3067	.001	1
S4	150.00	150.23	.227	.151	2.6438	.004	1
S5	300.00	299.91	-.095	-.032	5.4367	.011	1

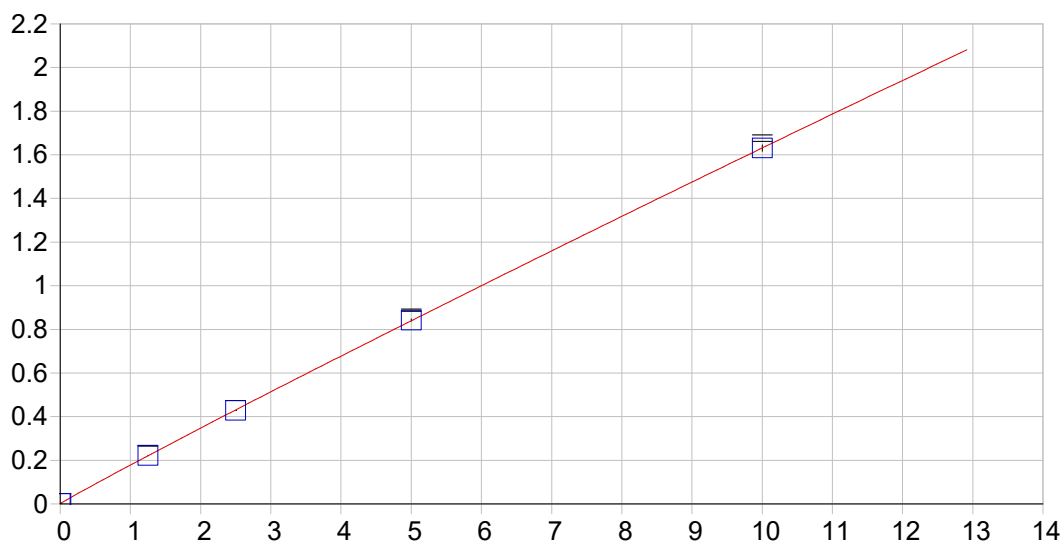


P 177.495 {490}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001359 Re-Slope: 1.000000
 A1 (Gain): 0.039151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999618 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003380
 Predicted MQL: 0.011268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00136	.000	1
S1	.01000	.00938	-.001	-6.23	-.00099	.000	1
S2	1.2500	1.1782	-.072	-5.74	.04477	.000	1
S3	2.5000	2.3937	-.106	-4.25	.09236	.000	1
S4	5.0000	4.9510	-.049	-.980	.19248	.001	1
S5	10.000	10.228	.228	2.28	.39907	.002	1

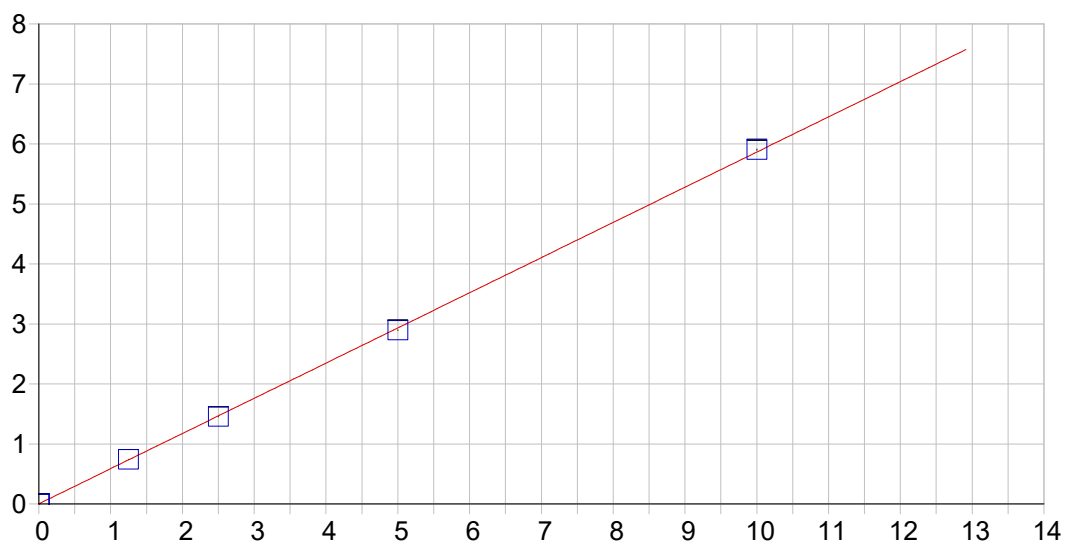


B 249.678 {135}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.001147 Re-Slope: 1.000000
 A1 (Gain): 0.177367 Y-int: 0.000000
 A2 (Curvature): -0.000289
 n (Exponent): 0.970000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.001444
 Predicted MQL: 0.004813

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00115	.000	1
S1	.01000	.01056	.001	5.63	.00329	.000	1
S2	1.2500	1.2532	.003	.252	.22147	.001	1
S3	2.5000	2.4836	-.016	-.656	.42811	.001	1
S4	5.0000	5.0182	.018	.364	.84256	.005	1
S5	10.000	9.9944	-.006	-.056	1.6304	.015	1

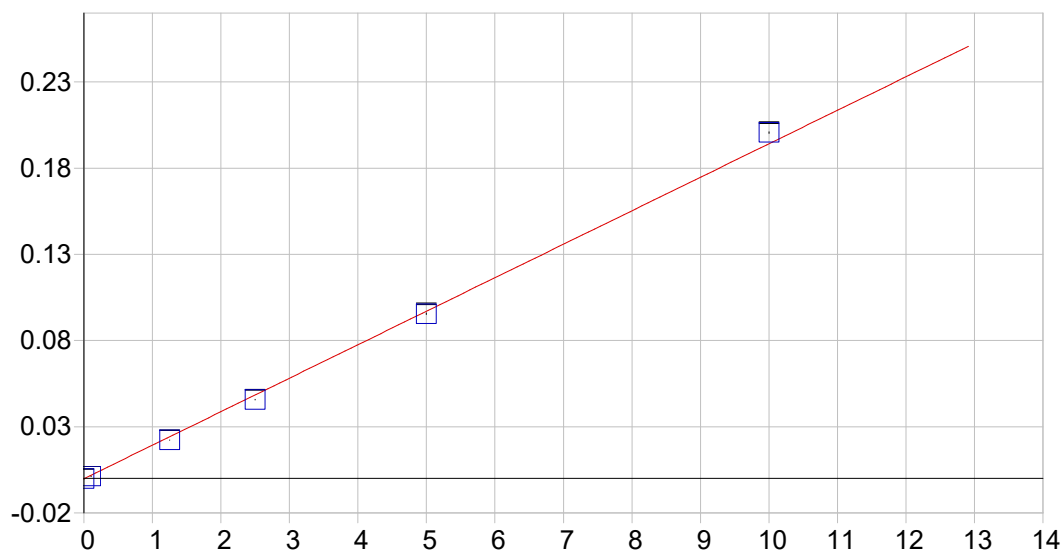


Mo 202.030 {467}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001089 Re-Slope: 1.000000
 A1 (Gain): 0.586334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000429
 Predicted MQL: 0.001432

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00109	.000	1
S1	.01000	.01067	.001	6.67	.00734	.000	1
S2	1.2500	1.2611	.011	.889	.74052	.001	1
S3	2.5000	2.4781	-.022	-.874	1.4541	.004	1
S4	5.0000	4.9409	-.059	-1.18	2.8981	.005	1
S5	10.000	10.069	.069	.692	5.9050	.010	1

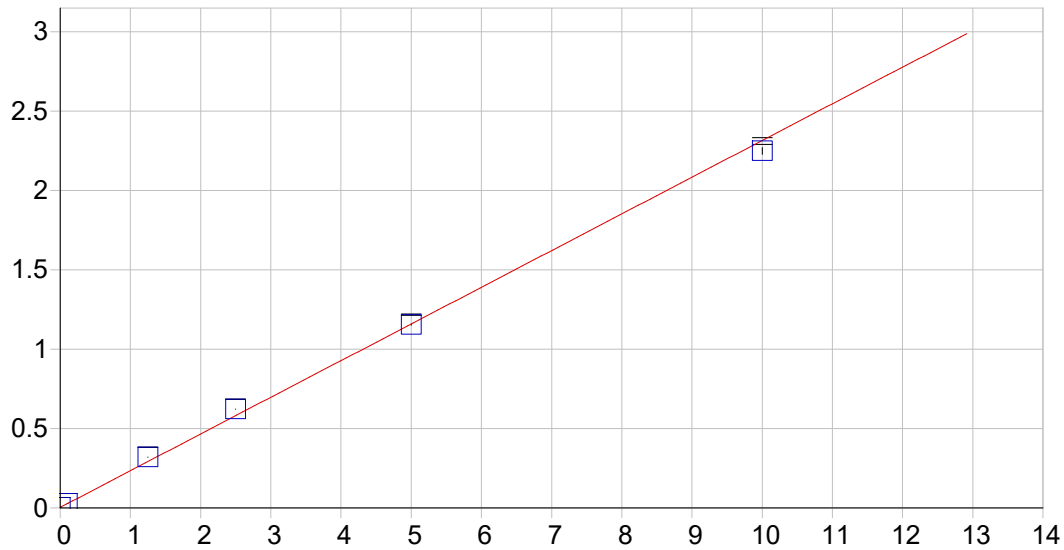


S 182.034 {485}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.019430 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999089 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.006590
 Predicted MQL: 0.021967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00014	.000	1
S1	.10000	.07437	-.026	-25.6	.00131	.000	1
S2	1.2500	1.1531	-.097	-7.75	.02227	.000	1
S3	2.5000	2.3598	-.140	-5.61	.04571	.000	1
S4	5.0000	4.9259	-.074	-1.48	.09557	.000	1
S5	10.000	10.337	.337	3.37	.20070	.000	1

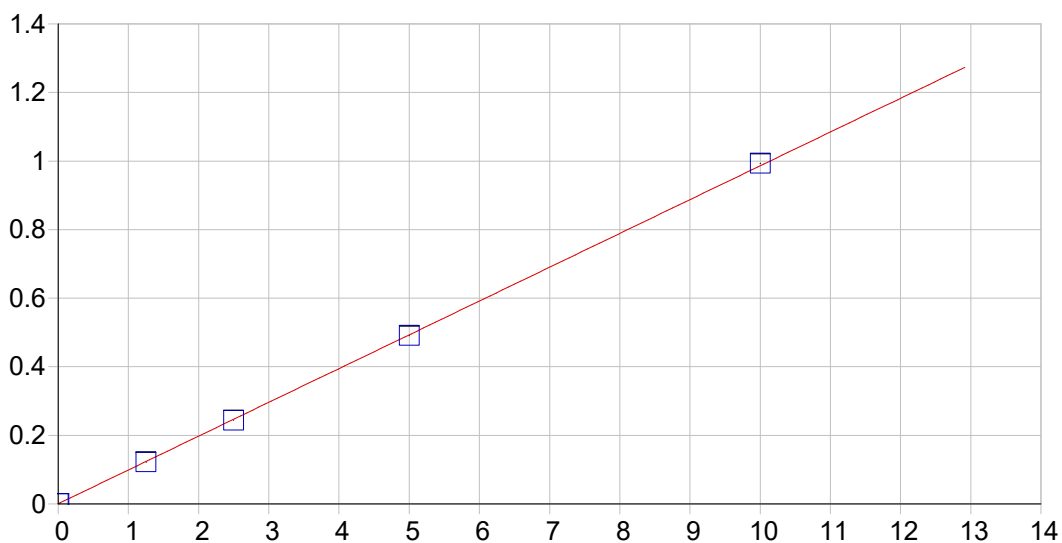


Si 251.611 {134}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003331	Re-Slope:	1.000000
A1 (Gain):	0.231187	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999145	Status:	OK.
Std Error of Est:	0.000508		
Predicted MDL:	0.001323		
Predicted MQL:	0.004411		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00333	.000	1
S1	.10000	.10483	.005	4.83	.02757	.000	1
S2	1.2500	1.3696	.120	9.57	.31997	.001	1
S3	2.5000	2.6771	.177	7.08	.62223	.002	1
S4	5.0000	4.9810	-.019	-.381	1.1549	.004	1
S5	10.000	9.7175	-.282	-2.82	2.2499	.021	1

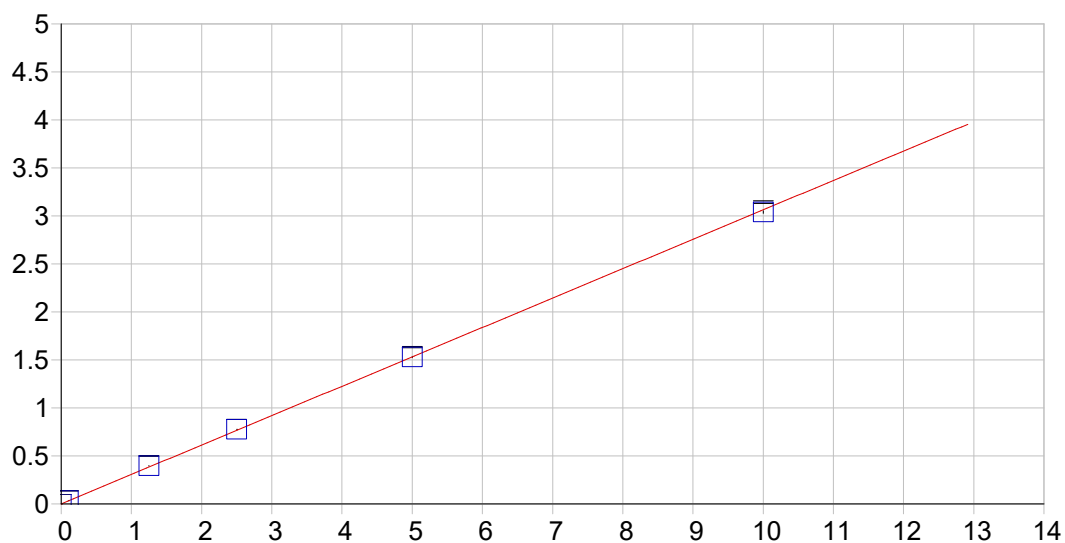


Sn 189.989 {478}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000481 Re-Slope: 1.000000
 A1 (Gain): 0.098556 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001435
 Predicted MQL: 0.004784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.00700	.00355	-.003	-49.2	.00083	.000	1
S2	1.2500	1.2375	-.013	-1.00	.12244	.000	1
S3	2.5000	2.4698	-.030	-1.21	.24390	.001	1
S4	5.0000	4.9736	-.026	-.529	.49065	.001	1
S5	10.000	10.073	.073	.726	.99320	.001	1

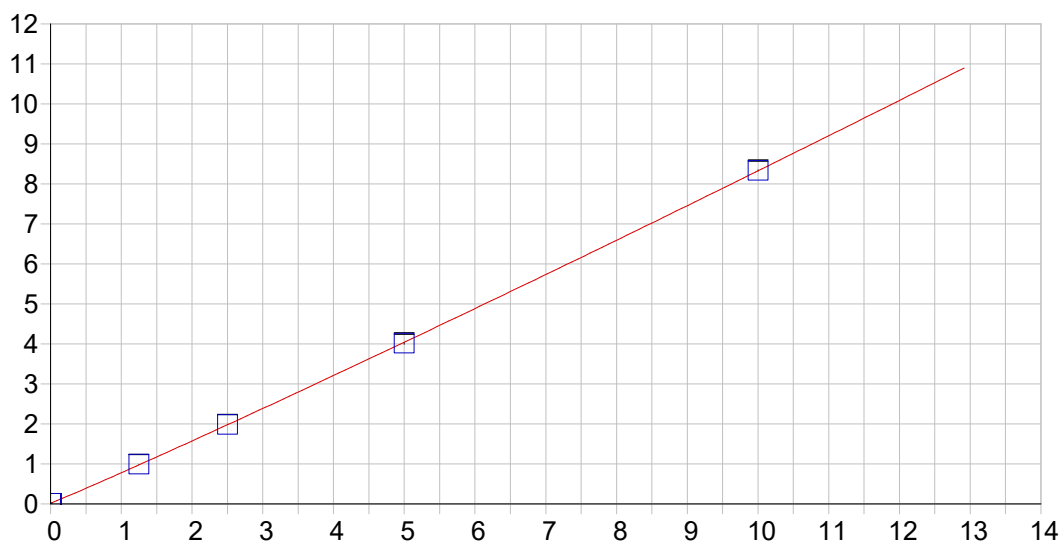


Ti 336.121 {100}

Date of Fit: 02/16/2021 11:50:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000654 Re-Slope: 1.000000
 A1 (Gain): 0.306204 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000189
 Predicted MDL: 0.001394
 Predicted MQL: 0.004645

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00065	.000	1
S1	.10000	.10407	.004	4.07	.03252	.000	1
S2	1.2500	1.2915	.041	3.32	.39611	.003	1
S3	2.5000	2.5328	.033	1.31	.77622	.001	1
S4	5.0000	4.9973	-.003	-.054	1.5309	.006	1
S5	10.000	9.9243	-.076	-.757	3.0395	.013	1



Li 670.784 { 50}

Date of Fit: 02/16/2021 11:50:13

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.018826

Re-Slope: 1.000000

A1 (Gain): 0.758527

Y-int: 0.000000

A2 (Curvature): 0.001566

n (Exponent): 1.030000

Correlation: 0.999967

Status: Warning Positive Curvature

Std Error of Est: 0.000192

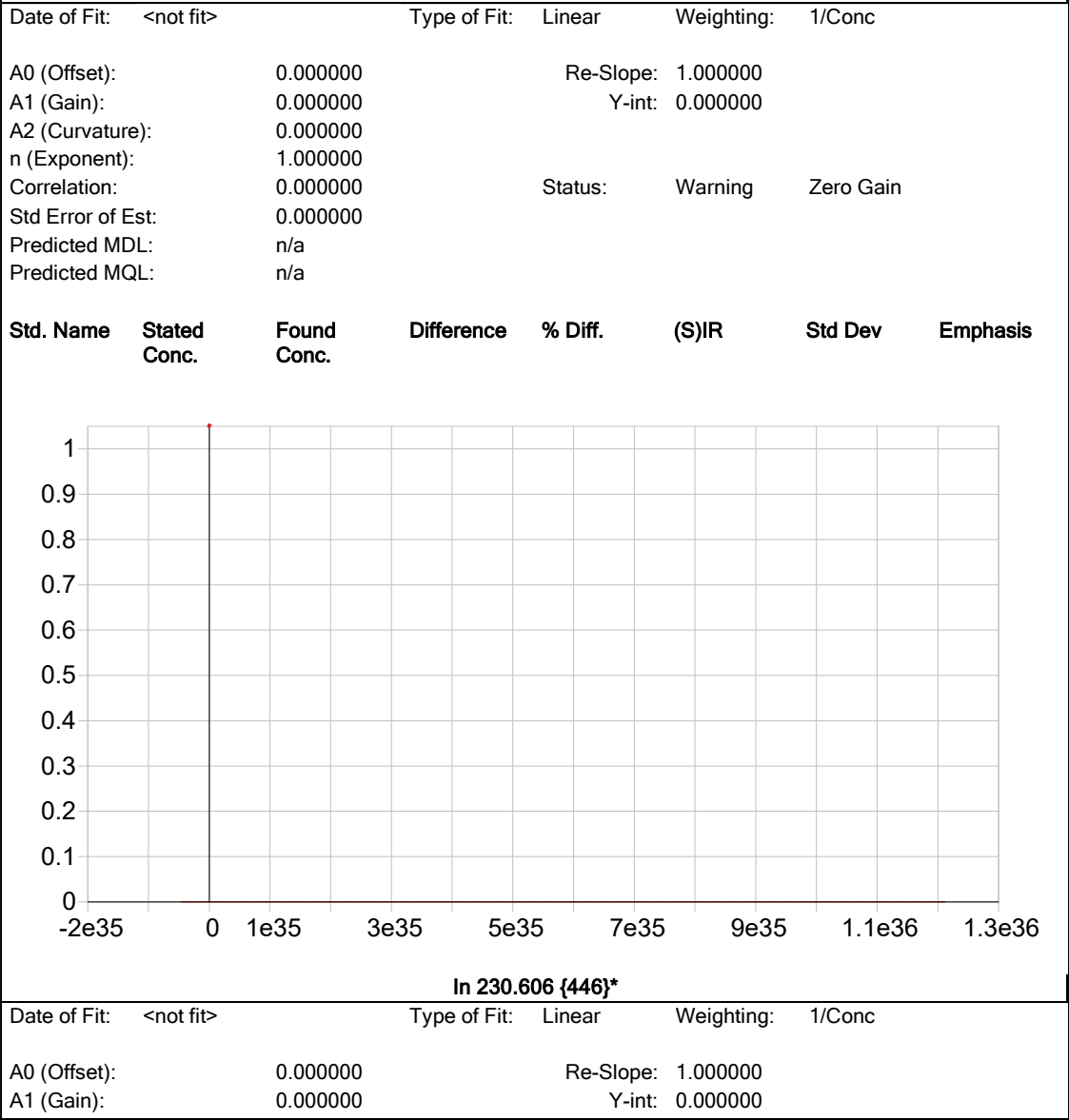
Predicted MDL: 0.001826

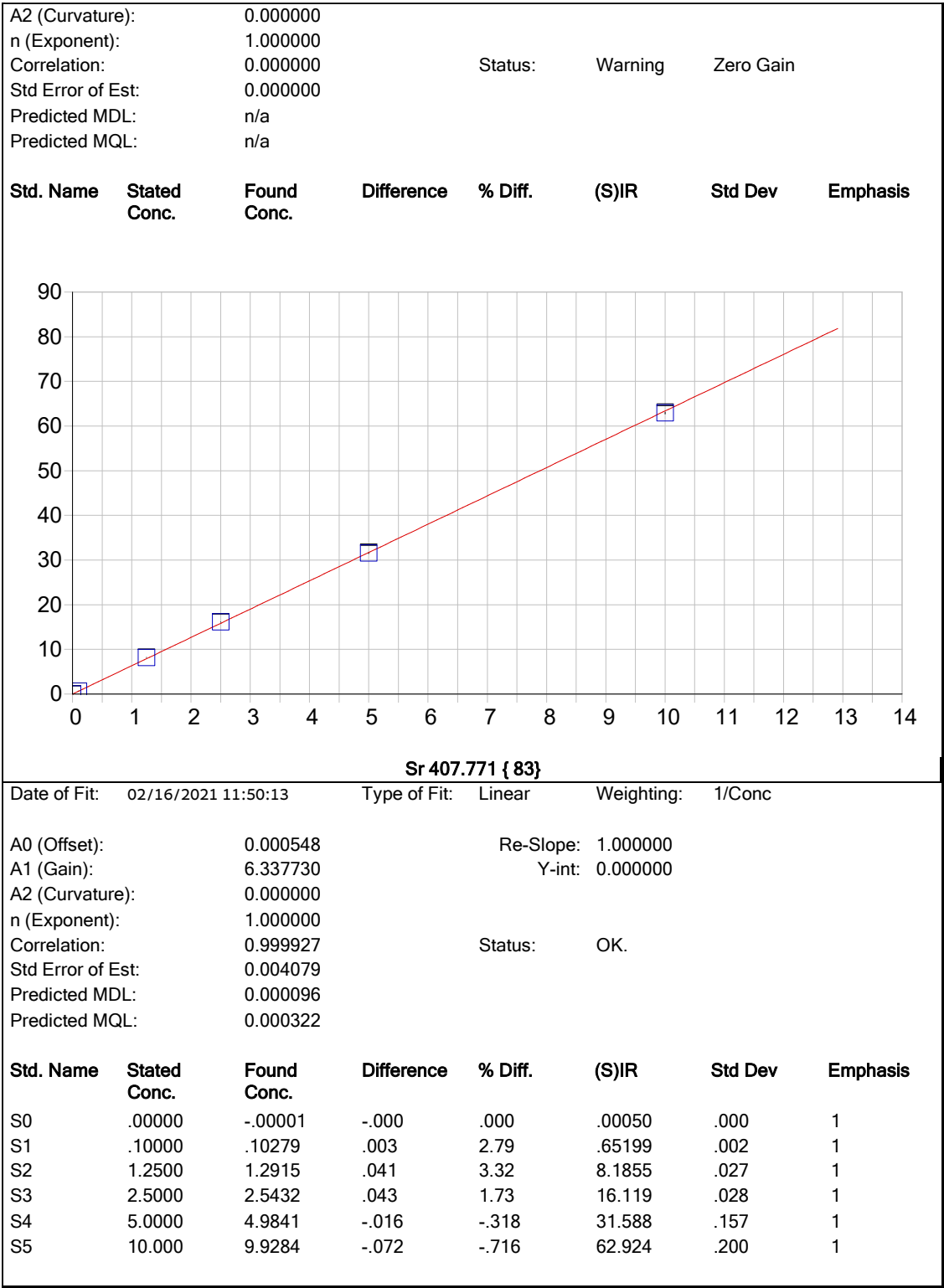
Predicted MQL: 0.006088

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01883	.001	1
S5	10.000	10.012	.012	.123	8.3371	.016	1
S4	5.0000	4.9655	-.035	-.690	4.0133	.021	1
S3	2.5000	2.5082	.008	.327	1.9850	.004	1
S2	1.2500	1.2679	.018	1.44	.99002	.003	1
S1	.01500	.01117	-.004	-25.5	.02623	.000	1









Sample Name: S0 Acquired: 02/16/2021 11:21:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00100	-.00273	.00040	.00101	.00091	.00101	.01399	-.00467
Stddev	.00003	.00010	.00004	.00007	.00010	.00039	.00046	.00020
%RSD	3.1539	3.8310	10.661	7.3247	10.910	38.558	3.2936	4.2039
#1	-.00102	-.00276	.00036	.00092	.00099	.00145	.01346	-.00487
#2	-.00097	-.00262	.00044	.00105	.00080	.00073	.01426	-.00465
#3	-.00102	-.00282	.00038	.00106	.00095	.00083	.01426	-.00448
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00035	.00106	-.00004	-.00176	.00274	.00020	.00047	.00006
Stddev	.00023	.00034	.00009	.00006	.00022	.00022	.00011	.00023
%RSD	64.618	31.570	224.33	3.5985	7.8650	109.14	22.959	394.88
#1	.00015	.00068	-.00009	-.00173	.00261	.00042	.00046	.00031
#2	.00030	.00119	.00006	-.00172	.00299	-.00002	.00038	-.00015
#3	.00060	.00131	-.00009	-.00183	.00262	.00020	.00059	.00001
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00535	-.00082	.00256	-.00033	.00022	.02245	-.00136	.00115
Stddev	.00018	.00002	.00122	.00032	.00074	.00111	.00002	.00005
%RSD	3.3906	2.9927	47.702	96.209	339.48	4.9614	1.1900	4.5805
#1	-.00544	-.00082	.00134	-.00067	.00040	.02374	-.00134	.00115
#2	-.00547	-.00080	.00254	-.00004	-.00060	.02182	-.00137	.00109
#3	-.00514	-.00085	.00378	-.00028	.00085	.02180	-.00137	.00120
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00109	-.00014	.00333	.00048	.00065	.01883	.00050	
Stddev	.00008	.00009	.00008	.00001	.00028	.00095	.00023	
%RSD	7.5977	65.162	2.4654	1.1382	42.201	5.0257	44.709	
#1	.00113	-.00022	.00328	.00047	.00072	.01788	.00031	
#2	.00099	-.00016	.00328	.00048	.00035	.01977	.00075	
#3	.00115	-.00004	.00342	.00049	.00089	.01883	.00045	

Sample Name: S0 Acquired: 02/16/2021 11:21:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.1	44521.	9702.5	1635.8	2937.1
Stddev	5.4	198.	80.0	.8	9.2
%RSD	.24019	.44445	.82494	.04676	.31181
#1	2248.3	44742.	9613.1	1635.8	2926.7
#2	2258.3	44462.	9726.8	1635.0	2943.9
#3	2249.8	44360.	9767.6	1636.5	2940.6

Sample Name: S1 Acquired: 02/16/2021 11:25:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00061	-.00122	.00193	.00257	.00907	.01665	.47385	.01029
Stddev	.00005	.00005	.00004	.00023	.00008	.00026	.00134	.00056
%RSD	8.3651	4.0962	1.9252	8.7767	.86483	1.5374	.28230	5.4188
#1	-.00058	-.00125	.00188	.00232	.00904	.01666	.47233	.00970
#2	-.00067	-.00117	.00195	.00276	.00900	.01639	.47438	.01080
#3	-.00058	-.00126	.00194	.00264	.00915	.01690	.47484	.01039
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01067	.25980	.00155	.02958	.00635	.00312	.00860	.05151
Stddev	.00025	.00095	.00009	.00017	.00009	.00026	.00030	.00048
%RSD	2.3009	.36758	5.5737	.57818	1.4776	8.4648	3.4460	.92323
#1	.01088	.25965	.00165	.02974	.00631	.00310	.00894	.05139
#2	.01040	.25894	.00149	.02960	.00646	.00286	.00847	.05111
#3	.01072	.26083	.00152	.02940	.00629	.00339	.00840	.05204
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02031	.00106	.02163	.00557	.01702	.10422	-.00099	.00329
Stddev	.00018	.00003	.00065	.00026	.00059	.00273	.00008	.00016
%RSD	.88303	2.8214	3.0196	4.6210	3.4736	2.6219	8.3967	4.7196
#1	.02046	.00107	.02197	.00531	.01738	.10310	-.00106	.00324
#2	.02011	.00109	.02088	.00582	.01733	.10224	-.00090	.00317
#3	.02037	.00103	.02204	.00559	.01633	.10734	-.00101	.00347
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00734	.00131	.02757	.00083	.03252	.02623	.65199	
Stddev	.00013	.00002	.00018	.00010	.00031	.00018	.00219	
%RSD	1.7835	1.5597	.65299	12.560	.93790	.67507	.33588	
#1	.00741	.00130	.02764	.00094	.03223	.02611	.65285	
#2	.00743	.00133	.02736	.00081	.03284	.02614	.64950	
#3	.00719	.00129	.02770	.00074	.03249	.02643	.65361	

Sample Name: S1 Acquired: 02/16/2021 11:25:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.1	44471.	9676.3	1629.9	2934.6
Stddev	6.8	13.	71.7	7.0	6.0
%RSD	.30157	.02978	.74102	.43200	.20488
#1	2248.5	44469.	9593.9	1627.6	2932.4
#2	2258.8	44485.	9710.1	1624.2	2941.4
#3	2245.9	44459.	9724.8	1637.8	2930.0

Sample Name: S2 Acquired: 02/16/2021 11:29:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04392	.07741	.90424	.04870	.16590	2.9105	7.2638	.35610
Stddev	.00031	.00020	.00050	.00017	.00051	.0162	.0168	.00037
%RSD	.70031	.25533	.05562	.34869	.30839	.55570	.23063	.10350

#1	.04356	.07763	.90370	.04887	.16532	2.8945	7.2546	.35582
#2	.04408	.07737	.90469	.04853	.16627	2.9269	7.2832	.35652
#3	.04412	.07724	.90433	.04870	.16612	2.9103	7.2537	.35596

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2733	3.1403	.59782	.39848	.67029	1.0444	2.0917	.59958
Stddev	.0013	.0100	.00110	.00149	.00285	.0093	.0087	.00593
%RSD	.10001	.31973	.18317	.37425	.42490	.88964	.41416	.98926

#1	1.2722	3.1401	.59907	.39711	.67081	1.0338	2.0943	.59290
#2	1.2730	3.1505	.59738	.39824	.67284	1.0515	2.0988	.60425
#3	1.2747	3.1304	.59702	.40007	.66721	1.0477	2.0820	.60157

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.37411	.05775	.15345	.06900	1.0885	.66170	.04477	.22147
Stddev	.00014	.00013	.00060	.00045	.0090	.00354	.00033	.00084
%RSD	.03631	.22375	.39053	.65642	.82899	.53546	.73730	.38072

#1	.37410	.05788	.15288	.06848	1.0781	.65847	.04505	.22050
#2	.37425	.05763	.15408	.06922	1.0932	.66549	.04441	.22206
#3	.37398	.05773	.15340	.06930	1.0943	.66113	.04484	.22184

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.74052	.02227	.31997	.12244	.39611	.99002	8.1855
Stddev	.00123	.00006	.00136	.00014	.00307	.00286	.0267
%RSD	.16574	.27691	.42396	.11520	.77411	.28845	.32580

#1	.73919	.02220	.31930	.12248	.39270	.98769	8.1594
#2	.74160	.02232	.32153	.12228	.39864	.99321	8.2127
#3	.74079	.02228	.31909	.12255	.39700	.98918	8.1844

Sample Name: S2 Acquired: 02/16/2021 11:29:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.1	43852.	9706.9	1597.6	2753.4
Stddev	4.6	134.	60.1	7.1	1.1
%RSD	.20981	.30523	.61920	.44649	.03922
#1	2189.5	43971.	9715.7	1605.8	2753.4
#2	2180.9	43707.	9642.9	1592.8	2752.3
#3	2188.0	43877.	9762.1	1594.2	2754.5

Sample Name: S3 Acquired: 02/16/2021 11:33:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08886	.15494	1.7943	.09511	.32635	5.7439	14.355	.68451
Stddev	.00040	.00069	.0035	.00034	.00112	.0065	.022	.00164
%RSD	.44731	.44690	.19748	.35957	.34318	.11285	.15193	.23887

#1	.08854	.15445	1.7910	.09547	.32763	5.7449	14.370	.68619
#2	.08930	.15464	1.7938	.09480	.32588	5.7369	14.329	.68292
#3	.08874	.15573	1.7980	.09505	.32555	5.7498	14.364	.68441

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5086	6.1682	1.1541	.79339	1.3052	2.0142	4.0031	1.1781
Stddev	.0038	.0147	.0012	.00274	.0005	.0084	.0159	.0027
%RSD	.14985	.23769	.10086	.34481	.03771	.41522	.39632	.22927

#1	2.5076	6.1690	1.1554	.79131	1.3050	2.0078	3.9954	1.1750
#2	2.5054	6.1532	1.1537	.79237	1.3048	2.0237	3.9926	1.1797
#3	2.5127	6.1825	1.1532	.79649	1.3057	2.0112	4.0214	1.1797

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.74171	.11494	.30187	.13451	2.2045	1.3067	.09236	.42811
Stddev	.00147	.00013	.00138	.00045	.0122	.0008	.00029	.00052
%RSD	.19823	.11068	.45787	.33348	.55368	.06219	.31693	.12164

#1	.74076	.11501	.30194	.13460	2.1919	1.3061	.09261	.42840
#2	.74097	.11480	.30321	.13402	2.2163	1.3063	.09204	.42751
#3	.74341	.11503	.30045	.13490	2.2052	1.3076	.09241	.42842

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4541	.04571	.62223	.24390	.77622	1.9850	16.119
Stddev	.0037	.00012	.00155	.00058	.00119	.0037	.028
%RSD	.25239	.26444	.24832	.23933	.15393	.18608	.17656

#1	1.4531	.04558	.62245	.24322	.77597	1.9891	16.099
#2	1.4582	.04573	.62059	.24424	.77516	1.9821	16.106
#3	1.4511	.04582	.62366	.24423	.77752	1.9837	16.152

Sample Name: S3 Acquired: 02/16/2021 11:33:20 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.3	42804.	9702.6	1532.7	2598.3
Stddev	2.8	121.	26.5	4.1	4.6
%RSD	.13501	.28166	.27273	.27067	.17792
#1	2104.3	42721.	9672.7	1532.5	2600.9
#2	2100.1	42748.	9712.2	1528.6	2601.0
#3	2105.5	42942.	9723.0	1536.9	2592.9

Sample Name: S4 Acquired: 02/16/2021 11:37:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.18066	.30762	3.5909	.18697	.66010	11.550	28.443	1.3475
Stddev	.00064	.00108	.0071	.00094	.00129	.031	.125	.0067
%RSD	.35193	.34955	.19827	.50527	.19513	.26984	.43836	.50096

#1	.18024	.30671	3.5828	.18647	.66044	11.544	28.373	1.3455
#2	.18035	.30881	3.5963	.18638	.65868	11.522	28.369	1.3420
#3	.18139	.30735	3.5935	.18806	.66119	11.583	28.587	1.3551

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.9850	12.196	2.2509	1.5929	2.5785	3.9463	7.7905	2.3584
Stddev	.0075	.058	.0023	.0034	.0090	.0120	.0327	.0055
%RSD	.14999	.47857	.10380	.21184	.34736	.30359	.41924	.23131

#1	4.9765	12.156	2.2533	1.5920	2.5762	3.9553	7.7801	2.3643
#2	4.9878	12.167	2.2486	1.5967	2.5710	3.9508	7.7644	2.3576
#3	4.9906	12.263	2.2508	1.5901	2.5884	3.9327	7.8272	2.3535

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4827	.23177	.59776	.26510	4.4720	2.6438	.19248	.84256
Stddev	.0027	.00144	.00251	.00046	.0328	.0042	.00060	.00515
%RSD	.18466	.62005	.41983	.17466	.73270	.15777	.30967	.61079

#1	1.4828	.23109	.59749	.26466	4.5085	2.6435	.19192	.84211
#2	1.4854	.23342	.59539	.26507	4.4624	2.6397	.19241	.83765
#3	1.4800	.23081	.60039	.26559	4.4451	2.6480	.19310	.84791

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8981	.09557	1.1549	.49065	1.5309	4.0133	31.588
Stddev	.0055	.00040	.0042	.00081	.0062	.0209	.157
%RSD	.18916	.41870	.36617	.16462	.40606	.52055	.49588

#1	2.8918	.09524	1.1539	.49031	1.5298	4.0056	31.452
#2	2.9012	.09602	1.1512	.49158	1.5252	3.9973	31.553
#3	2.9013	.09546	1.1595	.49007	1.5375	4.0369	31.760

Sample Name: S4 Acquired: 02/16/2021 11:37:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.8	41526.	9571.8	1457.1	2424.8
Stddev	3.0	110.	13.7	10.4	1.4
%RSD	.15096	.26487	.14262	.71357	.05795
#1	1992.1	41405.	9585.7	1446.2	2424.0
#2	1996.1	41620.	9571.3	1458.1	2424.0
#3	1990.2	41551.	9558.4	1466.9	2426.4

Sample Name: S5 Acquired: 02/16/2021 11:41:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.37846	.60613	7.3146	.37759	1.3806	23.554	56.476	2.6412
Stddev	.00305	.00156	.0095	.00110	.0034	.091	.609	.0262
%RSD	.80501	.25668	.12964	.29164	.24921	.38662	1.0776	.99247

#1	.37683	.60699	7.3038	.37648	1.3779	23.561	57.092	2.6623
#2	.37657	.60706	7.3212	.37762	1.3795	23.460	55.875	2.6119
#3	.38197	.60433	7.3190	.37868	1.3845	23.642	56.462	2.6495

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.9743	24.472	4.4261	3.2318	5.1719	7.7133	15.506	4.7635
Stddev	.0177	.030	.0084	.0057	.0096	.0646	.012	.0377
%RSD	.17799	.12360	.18879	.17594	.18587	.83771	.07498	.79193

#1	9.9546	24.449	4.4170	3.2277	5.1736	7.7390	15.508	4.7722
#2	9.9891	24.506	4.4334	3.2383	5.1616	7.6397	15.517	4.7222
#3	9.9793	24.461	4.4278	3.2295	5.1806	7.7611	15.494	4.7962

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9864	.48075	1.2009	.52503	9.4548	5.4367	.39907	1.6304
Stddev	.0056	.00239	.0058	.00290	.0862	.0105	.00176	.0147
%RSD	.18903	.49740	.48307	.55253	.91193	.19315	.44173	.90272

#1	2.9881	.47898	1.2005	.52453	9.3783	5.4379	.39899	1.6429
#2	2.9910	.48347	1.1954	.52242	9.4379	5.4256	.40087	1.6142
#3	2.9801	.47979	1.2069	.52815	9.5482	5.4465	.39735	1.6342

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9050	.20070	2.2499	.99320	3.0395	8.3371	62.924
Stddev	.0097	.00042	.0210	.00118	.0133	.0163	.200
%RSD	.16449	.21143	.93099	.11869	.43651	.19489	.31842

#1	5.9057	.20059	2.2689	.99418	3.0407	8.3281	63.149
#2	5.8949	.20117	2.2274	.99351	3.0257	8.3274	62.859
#3	5.9143	.20035	2.2534	.99189	3.0521	8.3559	62.764

Sample Name: S5 Acquired: 02/16/2021 11:41:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.2	39776.	9449.3	1332.1	2225.0
Stddev	2.5	205.	37.1	7.8	5.8
%RSD	.13415	.51610	.39222	.58499	.25947
#1	1843.6	39974.	9414.9	1339.3	2228.1
#2	1841.2	39564.	9488.5	1333.1	2218.4
#3	1838.7	39790.	9444.3	1323.8	2228.6

Sample Name: S6 Acquired: 02/16/2021 11:45:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	64.857	40.506	21.156	8.0897	3.3929
Stddev	.499	.390	.077	.0340	.0084
%RSD	.76901	.96247	.36398	.42069	.24656

#1	64.723	40.060	21.077	8.0609	3.3938
#2	64.439	40.781	21.159	8.0810	3.3842
#3	65.409	40.678	21.231	8.1273	3.4009

Int. Std.	Y_3710
Units	Cts/S
Avg	9191.8
Stddev	38.1
%RSD	.41430

#1	9210.7
#2	9216.7
#3	9147.9

Sample Name: ICV001 Acquired: 02/16/2021 12:13:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9775624	1.027346	.9606717	1.045647	.9275093	2.554961	.5177442
Stddev	.0084998	.006404	.0019006	.003319	.0025855	.008415	.0018414
%RSD	.8694837	.6233802	.1978358	.3174532	.2787621	.3293685	.3556499

#1	.9814256	1.022257	.9589166	1.044478	.9257095	2.563715	.5195631
#2	.9678172	1.034537	.9604083	1.043070	.9263463	2.546931	.5177883
#3	.9834444	1.025244	.9626902	1.049393	.9304721	2.554237	.5158812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5253022	.5033111	10.03877	.5499952	.5030282	.5354844	10.26177
Stddev	.0052574	.0012640	.02974	.0013511	.0013175	.0027797	.08458
%RSD	1.000836	.2511430	.2962386	.2456565	.2619091	.5191080	.8242488

#1	.5226344	.5018516	10.04851	.5512330	.5020593	.5333812	10.20242
#2	.5313587	.5040380	10.06241	.5485538	.5024971	.5386359	10.35862
#3	.5219136	.5040438	10.00538	.5501987	.5045284	.5344362	10.22428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5106380	5.682564	.5093811	.2424174	9.204113	.5003366	.9472476
Stddev	.0005965	.059377	.0012396	.0003737	.200545	.0030385	.0066286
%RSD	.1168161	1.044906	.2433500	.1541466	2.178860	.6072997	.6997771

#1	.5104559	5.640763	.5090579	.2427044	9.042329	.5018450	.9549010
#2	.5113044	5.750530	.5083352	.2419949	9.141522	.5023258	.9433337
#3	.5101539	5.656399	.5107503	.2425530	9.428489	.4968390	.9435080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.020104	4.779188	5.423162	5.076162	4.894002	5.009429	4.556112
Stddev	.059892	.013931	.053836	.010094	.017151	.047641	.014480
%RSD	.6639811	.2915008	.9927083	.1988426	.3504507	.9510361	.3178255

#1	9.022204	4.763309	5.381925	5.083777	4.893069	4.970290	4.554958
#2	9.078919	4.784897	5.484067	5.064713	4.877336	5.062478	4.542244
#3	8.959190	4.789358	5.403494	5.079997	4.911600	4.995521	4.571135

Sample Name: ICV001 Acquired: 02/16/2021 12:13:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.178678	4.890405	5.114498
Stddev	.032324	.016056	.071694
%RSD	.6241812	.3283181	1.401781

#1	5.182428	4.901385	5.087476
#2	5.208963	4.897851	5.195776
#3	5.144642	4.871977	5.060241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.678	43318.58	9742.336	1573.577	2808.557
Stddev	.180	221.84	58.437	12.690	3.186
%RSD	.0082145	.5121170	.5998241	.8064196	.1134428

#1	2193.539	43074.61	9764.952	1562.170	2811.677
#2	2193.615	43372.96	9675.971	1571.315	2805.309
#3	2193.882	43508.18	9786.085	1587.246	2808.684

Sample Name: ICB001 Acquired: 02/16/2021 12:26:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001589	.0028619	-.000625	.0037814	.0059416	-.007120	-.002681
Stddev	.005279	.0030425	.001043	.0025506	.0009447	.005456	.000669
%RSD	332.1869	106.3111	167.0168	67.45246	15.89996	76.63387	24.97233

#1	-.004450	.0056913	.000493	.0008617	.0050508	-.012006	-.003246
#2	-.004820	-.000356	-.001573	.0055766	.0058416	-.001232	-.001942
#3	.004503	.003250	-.000794	.0049058	.0069323	-.008121	-.002855

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000038	-.002654	-.000144	.0002460	-.003216	-.000630
Stddev	.000027	.000097	.005094	.000401	.0004858	.001054	.002599
%RSD	175.2429	257.0705	191.9488	278.3551	197.4812	32.76773	412.5369

#1	-.000046	-.000010	.003222	-.000581	.0006782	-.004413	.002281
#2	.000002	-.000146	-.005816	.000206	-.000280	-.002427	-.002716
#3	-.000002	.000042	-.005368	-.000057	.000340	-.002809	-.001455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000293	-.025829	.0006421	.0005399	-.350045	.0010945	-.001103
Stddev	.000308	.017371	.0002341	.0000334	.083943	.0028208	.002809
%RSD	105.1051	67.25359	36.45665	6.182628	23.98069	257.7212	254.5454

#1	-.000202	-.045112	.0003998	.0005333	-.339860	-.000411	-.000818
#2	-.000041	-.011404	.0006595	.0005103	-.438616	.004349	-.004044
#3	-.000636	-.020971	.0008671	.0005760	-.271659	-.000654	.001552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.312273	-.000122	.0084402	.0000506	-.000431	-.000063	-.002264
Stddev	.057728	.002703	.0005017	.0001081	.000416	.000685	.000473
%RSD	18.48639	2212.880	5.943756	213.6822	96.60655	1078.526	20.90921

#1	-.365177	.002863	.0089565	.0001436	-.000680	-.000853	-.001765
#2	-.250701	-.002404	.0084093	.0000762	.000050	.000373	-.002321
#3	-.320939	-.000826	.0079546	-.000068	-.000663	.000290	-.002706

Sample Name: ICB001 Acquired: 02/16/2021 12:26:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000453	-.011853	-.000080
Stddev	.000212	.001714	.000052
%RSD	46.79758	14.46228	64.90765

#1	-.000317	-.010949	-.000081
#2	-.000345	-.010781	-.000028
#3	-.000697	-.013830	-.000132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.270	43641.51	9731.560	1586.162	2897.485
Stddev	4.304	44.74	31.131	9.704	2.134
%RSD	.1936864	.1025101	.3199007	.6117943	.0736335

#1	2222.870	43593.07	9733.330	1578.088	2899.910
#2	2226.243	43650.21	9699.582	1583.470	2896.647
#3	2217.698	43681.26	9761.769	1596.927	2895.897

Sample Name: CCV097 Acquired: 02/16/2021 12:35:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.192771	5.090647	25.50372	5.050057	5.267448	416.7615	10.72351
Stddev	.017395	.024004	.03466	.012811	.011610	1.4922	.01428
%RSD	.3349796	.4715281	.1358982	.2536808	.2204199	.3580471	.1331402

#1	5.189397	5.079910	25.46436	5.057737	5.275195	415.1733	10.70772
#2	5.177310	5.118146	25.51713	5.057167	5.254099	418.1342	10.72731
#3	5.211605	5.073886	25.52967	5.035268	5.273051	416.9771	10.73550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5197774	2.577235	424.5776	15.83756	2.587814	16.14639	426.1210
Stddev	.0023092	.003467	.7366	.01087	.005287	.04004	1.8296
%RSD	.4442678	.1345212	.1734944	.0686108	.2042990	.2479608	.4293669

#1	.5175195	2.573394	423.7519	15.84057	2.582218	16.10308	424.5497
#2	.5221347	2.578179	424.8137	15.84659	2.592726	16.18205	428.1297
#3	.5196781	2.580132	425.1673	15.82550	2.588497	16.15403	425.6835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.38520	424.9393	2.558307	1.305329	419.7864	2.655434	16.39738
Stddev	.01947	1.8221	.008489	.005196	1.8418	.005998	.13219
%RSD	.1353778	.4287931	.3318087	.3980719	.4387361	.2258789	.8061537

#1	14.36273	423.1633	2.548523	1.301058	418.0215	2.650680	16.24744
#2	14.39705	426.8043	2.563713	1.303815	421.6964	2.662173	16.49710
#3	14.39583	424.8502	2.562684	1.311114	419.6414	2.653448	16.44759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.4967	5.320240	5.464092	5.017812	5.332310	5.248128	5.126774
Stddev	.2825	.021009	.022824	.007744	.003290	.021587	.004473
%RSD	.1749140	.3948805	.4177080	.1543273	.0617046	.4113234	.0872461

#1	161.2600	5.296106	5.442726	5.010247	5.329151	5.225905	5.126101
#2	161.8094	5.334428	5.488138	5.017465	5.335717	5.269017	5.122676
#3	161.4209	5.330187	5.461412	5.025723	5.332063	5.249461	5.131545

Sample Name: CCV097 Acquired: 02/16/2021 12:35:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV097 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.354288	5.462653	5.405776
Stddev	.018823	.020760	.020419
%RSD	.3515457	.3800320	.3777200

#1	5.334448	5.438691	5.424693
#2	5.371895	5.475229	5.384130
#3	5.356520	5.474037	5.408504

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.213	39365.56	9323.163	1349.614	2237.699
Stddev	3.599	189.28	16.135	6.198	2.770
%RSD	.1900934	.4808191	.1730652	.4592794	.1237705

#1	1889.543	39197.43	9332.356	1356.476	2240.895
#2	1896.736	39328.68	9304.532	1344.421	2236.006
#3	1893.359	39570.56	9332.600	1347.944	2236.195

Sample Name: CCB097 Acquired: 02/16/2021 12:52:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028650	-.001839	-.001328	.0045414	.0044588	.0006594	-.002449
Stddev	.0008734	.000848	.002253	.0033615	.0004872	.0045337	.000830
%RSD	30.48635	46.09535	169.6346	74.01818	10.92717	687.4986	33.89233

#1	.0033852	-.002726	-.003551	.0079434	.0047981	-.004519	-.003331
#2	.0018566	-.001755	-.001387	.0044588	.0046779	.002581	-.002333
#3	.0033533	-.001037	.000954	.0012220	.0039005	.003916	-.001683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000354	-.000070	.0045364	.0001919	.0002320	-.001753	.0012544
Stddev	.0001181	.000097	.0096160	.0006808	.0001707	.003852	.0166859
%RSD	333.2700	137.1853	211.9745	354.7074	73.60564	219.6919	1330.166

#1	.0001458	-.000108	.0151952	.0002497	.0004113	-.005543	-.009620
#2	-.000089	-.000143	.0019015	-.000516	.0002133	.002158	.020466
#3	.000050	.000039	-.003487	.000842	.0000713	-.001875	-.007082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000374	-.012626	.0003910	.0006299	-.266561	.0013403	-.002597
Stddev	.000275	.008096	.0002997	.0005105	.326364	.0007193	.002180
%RSD	73.40290	64.12421	76.65895	81.05547	122.4347	53.66475	83.94385

#1	-.000546	-.005696	.0005022	.0010206	-.539918	.0019595	-.000696
#2	-.000518	-.010657	.0000515	.0000522	.094773	.0005513	-.002118
#3	-.000057	-.021524	.0006192	.0008167	-.354540	.0015101	-.004976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.196401	.0044491	.0081787	.0000716	.0024173	.0006163	-.003582
Stddev	.074314	.0012925	.0004673	.0001567	.0103404	.0009012	.000769
%RSD	37.83770	29.05026	5.713934	218.8888	427.7720	146.2275	21.46478

#1	-.270532	.0047475	.0077336	.0002054	-.006212	-.000410	-.002746
#2	-.121906	.0055662	.0086655	.0001101	.013878	.001280	-.003743
#3	-.196765	.0030335	.0081369	-.000101	-.000414	.000978	-.004258

Sample Name: CCB097 Acquired: 02/16/2021 12:52:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000264	-.010631	.0000120
Stddev	.000601	.000605	.0000180
%RSD	227.3078	5.695045	149.7536

#1	-.000745	-.011070	-.000003
#2	.000410	-.009940	.000007
#3	-.000459	-.010881	.000032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.568	43590.58	9682.306	1585.676	2888.661
Stddev	2.404	183.54	47.526	.306	2.542
%RSD	.1083486	.4210479	.4908570	.0193097	.0879853

#1	2221.300	43422.95	9732.920	1585.797	2886.235
#2	2216.781	43786.70	9638.630	1585.328	2888.445
#3	2217.621	43562.11	9675.369	1585.904	2891.304

Sample Name: FE 100PPM Acquired: 02/16/2021 12:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004749	-.000080	.0034574	-.025364	.0092017	-.002895
Stddev	.005941	.001638	.0017812	.006395	.0003794	.009011
%RSD	125.1070	2045.733	51.51820	25.21133	4.123134	311.2849

#1	.002089	-.001258	.0017638	-.031023	.0095710	-.013191
#2	-.007687	.001790	.0032936	-.018427	.0092211	.003554
#3	-.008648	-.000772	.0053149	-.026640	.0088130	.000953

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002121	.0009092	.0031856	-.069042	.0002727	.0016012
Stddev	.000143	.0000859	.0000783	.002932	.0003623	.0002729
%RSD	6.723657	9.442520	2.459610	4.246804	132.8481	17.04316

#1	-.002242	.0008342	.0031041	-.066815	.0006801	.0018716
#2	-.002158	.0008905	.0032603	-.067947	.0001509	.0016060
#3	-.001964	.0010028	.0031924	-.072364	-.000013	.0013259

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011863	F 96.41220	-.000774	-.024599	.0004418	-.007973
Stddev	.000568	.26507	.000376	.016613	.0008675	.000356
%RSD	4.784529	.2749360	48.50507	67.53537	196.3332	4.464176

#1	-.011333	96.43737	-.000535	-.019042	.0010534	-.007768
#2	-.012462	96.13545	-.001207	-.011476	.0008230	-.008384
#3	-.011794	96.66379	-.000581	-.043278	-.000551	-.007767

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.248238	.0013886	.0096354	-.210802	.0053344	F -.172741
Stddev	.214833	.0026594	.0009954	.009493	.0019248	.000750
%RSD	86.54307	191.5225	10.33026	4.503052	36.08358	.4341838

#1	-.095560	.0043397	.0100994	-.219595	.0032522	-.172355
#2	-.493901	.0006482	.0103140	-.200738	.0057021	-.173605
#3	-.155255	-.000822	.0084927	-.212073	.0070489	-.172263

Sample Name: FE 100PPM Acquired: 02/16/2021 12:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000334	-.012261	-.005749	-.001931	.0011109	-.010306
Stddev	.000687	.002347	.001233	.000796	.0010075	.001143
%RSD	205.3769	19.14494	21.44515	41.21867	90.69557	11.08928

#1	-.001126	-.009612	-.004378	-.002789	.0006043	-.011441
#2	.000032	-.013087	-.006104	-.001217	.0022711	-.009155
#3	.000092	-.014083	-.006766	-.001787	.0004572	-.010323

Elem	Sr4077
Units	ppm
Avg	-.000050
Stddev	.000042
%RSD	84.46774

#1	-.000090
#2	-.000055
#3	-.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.930	43662.93	9764.743	1578.062	2871.705
Stddev	3.773	158.52	34.413	10.007	5.890
%RSD	.1695769	.3630647	.3524172	.6341366	.2051141

#1	2221.720	43574.45	9780.076	1569.551	2865.408
#2	2229.086	43568.40	9788.825	1575.550	2872.627
#3	2223.983	43845.95	9725.329	1589.086	2877.080

Sample Name: FE 250PPM Acquired: 02/16/2021 13:00:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.018073	-.000631	F .0109898	F -.077870	.0135424	.0099331
Stddev	.001739	.002755	.0002895	.000753	.0012694	.0102894
%RSD	9.621451	436.8701	2.634479	.9674405	9.373332	103.5867

#1	-.017809	-.001696	.0112546	-.078302	.0122652	.0216640
#2	-.019928	.002498	.0110342	-.078309	.0148038	.0024367
#3	-.016481	-.002694	.0106806	-.077000	.0135582	.0056986

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002599	.0020585	F .0082293	-.198334	-.000232	.0038221
Stddev	.000455	.0000796	.0000706	.003436	.000623	.0004588
%RSD	17.50478	3.868882	.8579274	1.732563	268.8938	12.00462

#1	-.002298	.0021455	.0083097	-.202243	-.000091	.0033767
#2	-.002376	.0020407	.0082002	-.196969	-.000914	.0037963
#3	-.003122	.0019893	.0081778	-.195790	.000309	.0042933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.030519	F 249.9119	-.001791	-.042712	.0004678	F -.021876
Stddev	.000748	.2579	.000041	.017745	.0002463	.000287
%RSD	2.450687	.1032014	2.307308	41.54418	52.65351	1.310235

#1	-.031233	249.7511	-.001792	-.026343	.0002866	-.021626
#2	-.030582	250.2094	-.001750	-.040225	.0003685	-.022189
#3	-.029741	249.7754	-.001832	-.061569	.0007482	-.021813

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486568	.0054140	.0211254	-.234171	.0080638	F -.466868
Stddev	.4465967	.0000512	.0005897	.002958	.0027965	.001758
%RSD	179.6037	.9452135	2.791546	1.262998	34.67973	.3764630

#1	.1267953	.0053896	.0204444	-.231049	.0049292	-.466346
#2	-.124361	.0054728	.0214609	-.236931	.0089593	-.465431
#3	.743536	.0053796	.0214708	-.234533	.0103028	-.468828

Sample Name: FE 250PPM Acquired: 02/16/2021 13:00:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001609	-.020606	-.015414	-.000773	.0000001	-.012530
Stddev	.000185	.003636	.000438	.000883	.0005285	.000822
%RSD	11.49474	17.64694	2.839945	114.1980	359001.1	6.558369

#1	-.001813	-.016949	-.015891	-.001566	.0005868	-.012825
#2	-.001452	-.024222	-.015323	-.000931	-.000148	-.011602
#3	-.001562	-.020646	-.015029	.000178	-.000439	-.013164

Elem	Sr4077
Units	ppm
Avg	-.000038
Stddev	.000017
%RSD	45.38500

#1	-.000022
#2	-.000037
#3	-.000056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.168	43521.45	9696.687	1581.216	2841.056
Stddev	2.624	231.74	35.306	6.016	7.033
%RSD	.1187171	.5324799	.3640997	.3804658	.2475353

#1	2207.256	43474.04	9684.354	1583.852	2838.102
#2	2210.899	43317.08	9669.202	1574.332	2835.982
#3	2212.348	43773.23	9736.504	1585.463	2849.083

Sample Name: CA 250PPM Acquired: 02/16/2021 13:04:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013676	-.001815	-.001548	.0037534	.0063588	.0880845
Stddev	.0068635	.002021	.002671	.0026377	.0014728	.0046026
%RSD	501.8561	111.3599	172.5269	70.27474	23.16079	5.225184

#1	.0076470	-.003692	-.004064	.0007782	.0048902	.0915345
#2	.0024154	-.002078	.001254	.0058053	.0063506	.0828585
#3	-.005960	.000325	-.001834	.0046767	.0078357	.0898605

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003765	-.000037	-.000077	F 256.8814	.0018235	-.001995
Stddev	.000499	.000150	.000096	.4772	.0003973	.000350
%RSD	13.25303	407.4306	125.1411	.1857709	21.78713	17.52000

#1	-.004173	.000026	.000029	256.9777	.0013838	-.001676
#2	-.003913	-.000207	-.000101	256.3634	.0019303	-.002369
#3	-.003209	.000071	-.000158	257.3032	.0021565	-.001942

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002821	.0309896	.0003144	.0094657	.0007762	.0005805
Stddev	.002318	.0114094	.0001266	.0251981	.0001926	.0005085
%RSD	82.15602	36.81672	40.25960	266.2046	24.81150	87.58659

#1	-.001177	.0269230	.0003072	.0189955	.0006729	.0001681
#2	-.005472	.0221707	.0001916	.0285089	.0009984	.0011487
#3	-.001815	.0438752	.0004444	-.019107	.0006573	.0004249

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.427877	-.000825	-.000253	-.278616	.0014042	.0045121
Stddev	.086451	.000488	.003844	.007789	.0018650	.0004614
%RSD	20.20457	59.18076	1520.424	2.795425	132.8162	10.22577

#1	-.517731	-.001065	.003104	-.271374	.0005742	.0046060
#2	-.420612	-.001147	.000584	-.277619	.0000983	.0040110
#3	-.345288	-.000263	-.004447	-.286855	.0035400	.0049194

Sample Name: CA 250PPM Acquired: 02/16/2021 13:04:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002193	-.011428	.0015935	F -.010559	-.007652	-.005794
Stddev	.0002254	.007096	.0007553	.001357	.001078	.000488
%RSD	102.7975	62.08949	47.39717	12.84938	14.08679	8.421563
#1	-.000041	-.005112	.0015432	-.009148	-.006407	-.005810
#2	.000353	-.019106	.0008646	-.011854	-.008278	-.005299
#3	.000345	-.010067	.0023726	-.010676	-.008270	-.006274

Elem	Sr4077
Units	ppm
Avg	.0007435
Stddev	.0000634
%RSD	8.534225
#1	.0007457
#2	.0008059
#3	.0006790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2124.477	42200.84	9576.973	1521.997	2699.625
Stddev	1.724	75.25	23.831	1.786	6.153
%RSD	.0811318	.1783074	.2488381	.1173666	.2279236
#1	2125.843	42163.35	9600.319	1521.647	2693.001
#2	2125.047	42151.70	9577.914	1523.933	2705.163
#3	2122.540	42287.47	9552.685	1520.412	2700.710

Sample Name: MG 250PPM Acquired: 02/16/2021 13:08:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014307	-.001978	-.000292	.0000400	.0022836	.0127050
Stddev	.0040129	.002065	.002934	.0045931	.0043819	.0033199
%RSD	280.4823	104.3905	1005.884	11489.95	191.8887	26.13108

#1	-.003181	-.003370	.000736	.0044738	-.000591	.0145820
#2	.004127	-.002958	-.003602	.0003435	.007327	.0088717
#3	.003347	.000394	.001991	-.004697	.000115	.0146612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003022	.0000330	.0000512	.0684224	-.000109	.0002700
Stddev	.000769	.0000312	.0001610	.0049504	.000290	.0001195
%RSD	25.44582	94.28560	314.8272	7.235078	267.2570	44.24913

#1	-.003909	.0000167	.0002090	.0630407	-.000327	.0003321
#2	-.002566	.0000135	.0000574	.0727819	.000221	.0003457
#3	-.002589	.0000690	-.000113	.0694446	-.000220	.0001323

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003934	.0066104	.0000681	F 249.6231	-.000001	.0007213
Stddev	.002070	.0106733	.0004657	1.2838	.000263	.0005689
%RSD	52.61079	161.4614	683.6146	.5142923	30297.25	78.87373

#1	-.002371	.0095631	.0005223	251.1026	-.000272	.0001088
#2	-.003149	.0154965	-.000408	248.9646	.000016	.0012332
#3	-.006281	-.005228	.000090	248.8023	.000254	.0008220

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.594407	.0001371	-.000416	-.261566	.0016928	.0028582
Stddev	.157325	.0025257	.001369	.042381	.0020342	.0010447
%RSD	26.46752	1842.315	329.2569	16.20265	120.1659	36.54954

#1	-.737413	-.001278	-.001507	-.305547	.0039943	.0040599
#2	-.425883	-.001364	.001120	-.258159	.0001355	.0021668
#3	-.619925	.003053	-.000861	-.220991	.0009487	.0023479

Sample Name: MG 250PPM Acquired: 02/16/2021 13:08:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003199	-.004496	-.001600	-.003400	.0005782	-.011866
Stddev	.0004207	.005228	.001936	.001497	.0007953	.001233
%RSD	131.5207	116.2738	121.0109	44.03820	137.5376	10.39247

#1	.0002345	-.006140	-.001289	-.001673	-.000034	-.013289
#2	-.000052	.001356	-.003674	-.004339	.000291	-.011200
#3	.000777	-.008705	.000162	-.004188	.001477	-.011108

Elem	Sr4077
Units	ppm
Avg	.0000327
Stddev	.0000306
%RSD	93.60449

#1	-.000002
#2	.000057
#3	.000043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.383	42520.30	9727.750	1534.165	2694.707
Stddev	.299	101.89	51.750	5.266	3.750
%RSD	.0139008	.2396221	.5319803	.3432673	.1391506

#1	2148.077	42605.17	9712.110	1540.239	2690.761
#2	2148.400	42407.30	9685.625	1530.870	2698.224
#3	2148.674	42548.42	9785.516	1531.387	2695.137

Sample Name: AL 250PPM Acquired: 02/16/2021 13:12:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000755	-.001806	F -.017636	.0058197	.0081599	F 230.1604
Stddev	.004980	.004587	.001452	.0023426	.0035985	.6213
%RSD	659.2843	254.0107	8.233915	40.25194	44.10007	.2699431

#1	-.005259	-.002086	-.017315	.0064183	.0122869	229.4643
#2	-.001599	-.006246	-.016371	.0032360	.0056772	230.3581
#3	.004592	.002915	-.019221	.0078049	.0065157	230.6588

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002541	-.000014	-.000648	.0456875	.0013191	.0005339
Stddev	.000390	.000056	.000255	.0041566	.0004320	.0003189
%RSD	15.33511	399.6152	39.30730	9.097959	32.74702	59.73616

#1	-.002106	-.000033	-.000870	.0482479	.0010004	.0006153
#2	-.002859	-.000057	-.000370	.0479231	.0018107	.0008041
#3	-.002658	.000049	-.000705	.0408915	.0011461	.0001821

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004266	F .1579510	.0004615	.0056340	.0013163	.0007001
Stddev	.001972	.0080466	.0004101	.0076353	.0006502	.0003489
%RSD	46.22559	5.094353	88.87227	135.5226	49.39332	49.83604

#1	-.005216	.1487903	.0001023	-.001440	.0008378	.0010906
#2	-.005583	.1638764	.0003738	.004614	.0010546	.0005905
#3	-.001999	.1611862	.0009084	.013728	.0020566	.0004191

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.374918	.0012970	.0023067	-.263994	.0046639	.0030671
Stddev	.070922	.0016981	.0018671	.047236	.0034798	.0007350
%RSD	18.91670	130.9257	80.94241	17.89274	74.61173	23.96440

#1	-.452677	-.000410	.0032941	-.300819	.0031775	.0028843
#2	-.358289	.001315	.0034728	-.210737	.0086400	.0024408
#3	-.313788	.002986	.0001532	-.280425	.0021741	.0038763

Sample Name: AL 250PPM Acquired: 02/16/2021 13:12:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	.0066554	.0032184	-.003437	.0003640	-.014246
Stddev	.000361	.0066485	.0005050	.002124	.0006272	.003155
%RSD	1000.824	99.89579	15.69040	61.80077	172.2847	22.14775

#1	-.000195	.0077716	.0037821	-.004064	.0005908	-.014444
#2	.000378	.0126751	.0030658	-.001070	-.000345	-.017298
#3	-.000291	-.000481	.0028074	-.005178	.000846	-.010997

Elem	Sr4077
Units	ppm
Avg	.0086450
Stddev	.0000090
%RSD	.1034865

#1	.0086494
#2	.0086508
#3	.0086347

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.173	42940.13	9860.843	1584.367	2821.733
Stddev	4.549	102.01	42.398	3.513	3.625
%RSD	.2056448	.2375712	.4299605	.2217337	.1284502

#1	2217.201	42849.67	9896.001	1587.405	2823.527
#2	2210.975	43050.70	9872.769	1585.176	2824.110
#3	2208.342	42920.01	9813.760	1580.520	2817.561

Sample Name: MN 50PPM Acquired: 02/16/2021 13:17:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013716	F .0432733	.0046457	.0319470	.0027518	.0030240
Stddev	.0023043	.0004768	.0017469	.0006964	.0027243	.0058940
%RSD	167.9960	1.101843	37.60181	2.179838	98.99821	194.9058

#1	.0031231	.0436847	.0047008	.0313947	.0006126	-.001252
#2	-.001239	.0427507	.0063644	.0317171	.0018241	.009748
#3	.002231	.0433846	.0028720	.0327293	.0058188	.000576

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003138	-.002486	.0000596	.0782638	.0084518	.0005147
Stddev	.000412	.000022	.0000340	.0059388	.0005956	.0004335
%RSD	13.11872	.8929533	57.10426	7.588250	7.047613	84.21805

#1	-.002665	-.002461	.0000906	.0807204	.0078614	.0005837
#2	-.003334	-.002502	.0000232	.0714908	.0084414	.0000509
#3	-.003416	-.002495	.0000650	.0825802	.0090525	.0009095

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003576	F .1159559	F 53.60014	-.111619	.0012266	.0097431
Stddev	.001291	.0084682	.09743	.003794	.0002010	.0005201
%RSD	36.08780	7.302959	.1817761	3.398701	16.38453	5.338529

#1	-.002104	.1142682	53.68905	-.107274	.0009949	.0092983
#2	-.004513	.1084586	53.49599	-.114272	.0013316	.0103150
#3	-.004112	.1251408	53.61538	-.113311	.0013533	.0096159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.271594	F -.068203	-.000823	-.347396	F -.030005	.0037097
Stddev	.179122	.001684	.000946	.012679	.001950	.0008524
%RSD	65.95187	2.468854	115.0101	3.649738	6.499081	22.97616

#1	-.132895	-.070122	.000127	-.333993	-.032187	.0038959
#2	-.473822	-.067518	-.001766	-.359199	-.028432	.0027797
#3	-.208066	-.066970	-.000830	-.348996	-.029397	.0044536

Sample Name: MN 50PPM Acquired: 02/16/2021 13:17:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001116	F .1328073	.0011272	-.003501	.0001209	-.013935
Stddev	.000225	.0020545	.0007210	.000698	.0004992	.000619
%RSD	20.16218	1.546944	63.96108	19.93467	412.8441	4.444584
#1	-.001373	.1316007	.0003455	-.002935	.0006775	-.014641
#2	-.000956	.1316417	.0012702	-.003287	-.000287	-.013484
#3	-.001018	.1351794	.0017660	-.004280	-.000028	-.013680

Elem	Sr4077
Units	ppm
Avg	-.000120
Stddev	.000076
%RSD	63.62083
#1	-.000130
#2	-.000191
#3	-.000039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.789	43479.08	9703.746	1576.271	2888.085
Stddev	.499	125.17	18.349	11.461	2.510
%RSD	.0224775	.2878756	.1890939	.7270899	.0868934
#1	2222.217	43511.40	9699.450	1574.990	2888.478
#2	2221.240	43584.92	9687.926	1588.318	2890.375
#3	2221.910	43340.92	9723.862	1565.504	2885.402

Sample Name: CR 50PPM Acquired: 02/16/2021 13:21:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005900	.0129700	-.002084	.0125974	F .4742601	-.002095
Stddev	.0035152	.0024871	.000416	.0035169	.0065021	.004281
%RSD	595.8277	19.17559	19.97492	27.91777	1.370997	204.2983

#1	.0044057	.0104403	-.001615	.0143576	.4679015	.002098
#2	-.002517	.0130576	-.002409	.0148867	.4739820	-.001926
#3	-.000119	.0154121	-.002228	.0085479	.4808968	-.006459

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003735	-.000303	-.002615	.0054631	F 48.10219	.0004764
Stddev	.000879	.000078	.000129	.0032834	.04300	.0001152
%RSD	23.53666	25.88960	4.939802	60.10096	.0893909	24.17459

#1	-.004351	-.000362	-.002734	.0044724	48.08037	.0004217
#2	-.002728	-.000214	-.002632	.0091277	48.15172	.0006087
#3	-.004125	-.000333	-.002478	.0027891	48.07447	.0003987

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004683	.0009614	-.001713	-.024580	-.000618	.0010635
Stddev	.002864	.0031251	.000181	.031125	.000468	.0007387
%RSD	61.16328	325.0557	10.57856	126.6286	75.69696	69.46002

#1	-.001900	.0045696	-.001559	-.012931	-.000998	.0011237
#2	-.004528	-.000888	-.001667	-.000959	-.000759	.0017703
#3	-.007623	-.000797	-.001913	-.059848	-.000096	.0002966

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.272247	F -.096667	-.001919	-.348410	.0045832	.0098956
Stddev	.122241	.003503	.001211	.025372	.0001279	.0009638
%RSD	44.90057	3.623791	63.09472	7.282277	2.791247	9.739840

#1	-.140401	-.094318	-.002654	-.369300	.0044512	.0100740
#2	-.294521	-.094989	-.002583	-.355754	.0047066	.0088551
#3	-.381819	-.100693	-.000522	-.320175	.0045920	.0107578

Sample Name: CR 50PPM Acquired: 02/16/2021 13:21:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022243	.0009461	-.001714	-.004299	-.001505	-.014250
Stddev	.0001119	.0100234	.000375	.000282	.000764	.002180
%RSD	5.032594	1059.405	21.85516	6.554507	50.75282	15.29919

#1	.0020950	.0086941	-.001362	-.004159	-.001056	-.014072
#2	.0022903	-.010374	-.002107	-.004623	-.001071	-.012164
#3	.0022874	.004518	-.001673	-.004114	-.002386	-.016514

Elem	Sr4077
Units	ppm
Avg	.0002209
Stddev	.0000790
%RSD	35.77117

#1	.0002746
#2	.0002579
#3	.0001302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.117	43645.07	9797.397	1384.017	2917.590
Stddev	4.354	14.08	45.631	8.103	4.127
%RSD	.2195764	.0322579	.4657511	.5854642	.1414526

#1	1982.019	43641.99	9806.480	1384.457	2914.231
#2	1987.915	43660.43	9837.804	1375.703	2916.341
#3	1979.416	43632.79	9747.908	1391.891	2922.197

Sample Name: V 50PPM Acquired: 02/16/2021 13:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000116	F -1.21972	-.003564	.0125398	F -.087955	-.013348
Stddev	.003620	.00323	.000070	.0034887	.002890	.004189
%RSD	3107.344	.2644374	1.965097	27.82149	3.285677	31.37973

#1	.000647	-1.22340	-.003538	.0085621	-.090878	-.008912
#2	.003061	-1.21737	-.003511	.0150807	-.085099	-.013898
#3	-.004057	-1.21840	-.003643	.0139765	-.087887	-.017234

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002776	.0000566	.0000143	.0514031	-.000277	.0006892
Stddev	.000375	.0001052	.0000510	.0053677	.000359	.0002874
%RSD	13.51422	185.9225	358.1314	10.44234	129.5979	41.70951

#1	-.002374	-.000028	.0000523	.0524149	-.000516	.0004749
#2	-.002835	.000175	-.000044	.0561929	-.000451	.0010158
#3	-.003117	.000023	.000034	.0456015	.000136	.0005767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014902	.0130289	-.000421	-.053285	.0006066	F -.050777
Stddev	.001416	.0081400	.000409	.022327	.0003913	.000210
%RSD	9.500416	62.47620	97.09557	41.90001	64.49508	.4128538

#1	-.016529	.0074367	-.000857	-.029048	.0006389	-.050627
#2	-.014231	.0223676	-.000046	-.057795	.0009808	-.050687
#3	-.013947	.0092826	-.000359	-.073012	.0002002	-.051016

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.492316	F 48.50512	-.003163	-.330291	F -.012464	-.008292
Stddev	.071560	.13411	.000914	.048359	.002199	.001668
%RSD	14.53534	.2764823	28.90748	14.64146	17.64608	20.11465

#1	-.571328	48.43979	-.002930	-.289014	-.013926	-.007875
#2	-.431866	48.65937	-.004172	-.383499	-.013532	-.010130
#3	-.473753	48.41619	-.002388	-.318360	-.009935	-.006873

Sample Name: V 50PPM Acquired: 02/16/2021 13:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001659	-.003242	-.001056	-.005003	-.022035	-.013414
Stddev	.000742	.005681	.000620	.000861	.001660	.000900
%RSD	44.73094	175.2089	58.73418	17.21269	7.534778	6.708183

#1	-.001864	.001557	-.001763	-.005985	-.021989	-.013514
#2	-.002277	-.009514	-.000605	-.004646	-.023719	-.012469
#3	-.000836	-.001770	-.000800	-.004377	-.020399	-.014260

Elem	Sr4077
Units	ppm
Avg	-.000043
Stddev	.000041
%RSD	95.53838

#1	-.000005
#2	-.000037
#3	-.000087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.933	43773.85	9762.189	1587.640	2905.610
Stddev	6.073	86.68	43.779	7.269	5.054
%RSD	.2740690	.1980149	.4484561	.4578563	.1739227

#1	2219.727	43789.63	9780.401	1593.433	2903.570
#2	2219.144	43680.36	9712.244	1579.483	2911.365
#3	2208.929	43851.55	9793.922	1590.004	2901.896

Sample Name: CO 50PPM Acquired: 02/16/2021 13:29:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031312	F .1106702	-.002287	-.026406	.0018945	-.012644
Stddev	.0036052	.0020484	.000551	.000446	.0019335	.007933
%RSD	115.1376	1.850872	24.09654	1.690740	102.0604	62.74323

#1	.0069087	.1083087	-.001791	-.026655	.0022660	-.004639
#2	-.000273	.1117362	-.002191	-.026673	-.000198	-.020503
#3	.002758	.1119658	-.002880	-.025891	.003615	-.012790

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003181	.0002265	.0000294	.0071313	.0071214	F 48.81210
Stddev	.001040	.0000693	.0001560	.0074073	.0001404	.02689
%RSD	32.69131	30.59864	530.7779	103.8696	1.970826	.0550935

#1	-.004313	.0002640	.0000424	.0000850	.0072775	48.83281
#2	-.002961	.0001465	.0001786	.0148532	.0070813	48.78170
#3	-.002269	.0002690	-.000133	.0064557	.0070056	48.82178

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.038613	.0076843	.0004854	-.034090	-.001214	.0007075
Stddev	.000720	.0020614	.0000908	.012190	.001017	.0002515
%RSD	1.864081	26.82654	18.71472	35.75884	83.73167	35.54939

#1	-.038513	.0058972	.0003936	-.021166	-.002153	.0009636
#2	-.037949	.0099396	.0005752	-.035722	-.001354	.0006982
#3	-.039378	.0072162	.0004876	-.045383	-.000135	.0004608

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.511228	.0007035	-.000197	-.371675	.0056705	F .0875373
Stddev	.297084	.0005426	.001188	.042482	.0020377	.0008881
%RSD	58.11187	77.13662	602.5565	11.42985	35.93547	1.014574

#1	-.248643	.0003526	-.001289	-.395235	.0054381	.0871343
#2	-.451352	.0004294	.001068	-.397156	.0078145	.0885554
#3	-.833690	.0013285	-.000371	-.322633	.0037590	.0869220

Sample Name: CO 50PPM Acquired: 02/16/2021 13:29:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003120	.0160819	.0015739	-.001986	-.010423	-.014822
Stddev	.0002830	.0066703	.0015923	.000948	.000717	.000748
%RSD	90.71661	41.47692	101.1685	47.72235	6.878221	5.046754
#1	.0002249	.0086454	.0001277	-.000986	-.010277	-.014193
#2	.0000828	.0180631	.0013138	-.002871	-.011201	-.014625
#3	.0006283	.0215370	.0032802	-.002100	-.009790	-.015650

Elem	Sr4077
Units	ppm
Avg	-.000139
Stddev	.000084
%RSD	60.16018
#1	-.000223
#2	-.000138
#3	-.000056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.603	43738.59	9740.817	1579.495	2906.025
Stddev	7.548	63.30	28.291	3.785	6.847
%RSD	.3436181	.1447232	.2904414	.2396231	.2356111
#1	2187.974	43710.13	9773.279	1579.900	2898.306
#2	2199.860	43694.51	9727.750	1575.524	2911.366
#3	2201.976	43811.12	9721.420	1583.061	2908.402

Sample Name: CU 50PPM Acquired: 02/16/2021 13:33:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001204	.0003001	F .0727931	.0032143	.0063491	.0057576
Stddev	.003617	.0005772	.0008659	.0015513	.0014256	.0017204
%RSD	300.3404	192.3444	1.189603	48.26329	22.45294	29.88124

#1	.002967	.0008053	.0718059	.0017740	.0053340	.0050995
#2	-.003472	.0004238	.0731496	.0030121	.0057346	.0077099
#3	-.003108	-.000329	.0734240	.0048568	.0079789	.0044633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003031	-.000012	.0001010	.0170684	.0009871	.0003545
Stddev	.000093	.000114	.0000946	.0073897	.0002436	.0003738
%RSD	3.082427	949.2862	93.68419	43.29473	24.68104	105.4377

#1	-.002927	-.000126	.0001924	.0103235	.0009257	.0001255
#2	-.003058	-.000011	.0000034	.0159145	.0012555	.0001522
#3	-.003108	.000101	.0001073	.0249671	.0007800	.0007858

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.45380	.0121140	.0009901	-.033536	.0010838	-.000339
Stddev	.17539	.0055900	.0000638	.013739	.0004696	.000350
%RSD	.3162829	46.14464	6.442931	40.96743	43.32479	103.0770

#1	55.49146	.0066038	.0009370	-.022483	.0016111	-.000696
#2	55.26264	.0119578	.0009725	-.048918	.0009294	.000004
#3	55.60730	.0177805	.0010608	-.029207	.0007109	-.000326

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.477011	-.000455	.0386367	-.327933	F -.596101	.0003718
Stddev	.409491	.000491	.0018463	.048139	.007182	.0008027
%RSD	85.84518	107.9322	4.778605	14.67942	1.204808	215.8791

#1	-.467197	.000075	.0386369	-.317683	-.587850	-.000487
#2	-.891320	-.000894	.0367903	-.285746	-.600949	.001103
#3	-.072515	-.000545	.0404828	-.380372	-.599504	.000500

Sample Name: CU 50PPM Acquired: 02/16/2021 13:33:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006756	.0147005	.0004014	-.006078	.0000680	-.014037
Stddev	.0002544	.0071832	.0007770	.001921	.0001509	.001200
%RSD	37.66133	48.86378	193.5427	31.61316	221.8763	8.549701

#1	.0004916	.0219747	-.000211	-.006024	.0000864	-.014479
#2	.0009659	.0076118	.000140	-.004183	-.000091	-.014954
#3	.0005691	.0145150	.001275	-.008025	.000209	-.012679

Elem	Sr4077
Units	ppm
Avg	.0000242
Stddev	.0000898
%RSD	371.1048

#1	-.000075
#2	.000099
#3	.000049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2187.979	43211.58	9692.485	1556.507	2867.803
Stddev	6.931	36.48	43.416	5.531	4.981
%RSD	.3167793	.0844254	.4479306	.3553592	.1736969

#1	2182.002	43178.02	9733.540	1550.179	2862.228
#2	2195.577	43250.41	9696.872	1558.917	2871.817
#3	2186.358	43206.32	9647.042	1560.424	2869.364

Sample Name: PB 50PPM Acquired: 02/16/2021 13:41:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053900	-.001417	F 49.28189	.0000436	.0051302	-.002693
Stddev	.0032242	.002663	.09394	.0015131	.0015068	.009947
%RSD	59.81865	187.8426	.1906110	3471.439	29.37025	369.3144

#1	.0039201	-.002570	49.20840	.0004333	.0065791	.006681
#2	.0090873	.001627	49.24954	.0013237	.0052399	-.013128
#3	.0031627	-.003310	49.38773	-.001626	.0035716	-.001633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002830	.0000115	-.000085	.0016408	.0003026	.0004788
Stddev	.000925	.0000689	.000124	.0076218	.0003825	.0002463
%RSD	32.67114	597.0574	144.8160	464.5187	126.3848	51.44415

#1	-.002757	.0000064	-.000225	-.005295	.0001703	.0002241
#2	-.003790	.0000829	-.000042	.000417	.0007337	.0007158
#3	-.001945	-.000055	.000011	.009800	.0000039	.0004965

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000887	.0078596	.0002577	-.032748	.0040967	.0008349
Stddev	.001214	.0097058	.0002755	.007012	.0002690	.0004111
%RSD	136.9502	123.4895	106.9275	21.41304	6.565220	49.24048

#1	-.001393	.0156930	.0000741	-.040841	.0038810	.0004832
#2	-.001766	.0108842	.0005745	-.028917	.0043981	.0007346
#3	.000499	-.002998	.0001244	-.028486	.0040111	.0012869

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.485234	-.000013	-.000335	-.312691	.0002162	.0006974
Stddev	.385499	.001339	.002246	.035176	.0022655	.0004609
%RSD	79.44609	9980.970	670.7580	11.24930	1047.657	66.09139

#1	-.623463	.001398	-.000546	-.353304	-.002119	.0009660
#2	-.049678	-.001267	-.002468	-.292900	.002404	.0009610
#3	-.782560	-.000170	.002010	-.291870	.000364	.0001652

Sample Name: PB 50PPM Acquired: 02/16/2021 13:41:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001394	-.003402	.0003129	-.004080	-.000094	-.013741
Stddev	.0002516	.003560	.0009768	.001054	.000337	.000884
%RSD	180.5412	104.6254	312.1414	25.82627	358.2955	6.431641

#1	.0002782	.000296	-.000384	-.003803	.000260	-.013590
#2	-.000151	-.003697	.001429	-.003193	-.000130	-.014691
#3	.000291	-.006805	-.000106	-.005245	-.000412	-.012943

Elem	Sr4077
Units	ppm
Avg	-.000056
Stddev	.000033
%RSD	58.89792

#1	-.000045
#2	-.000093
#3	-.000030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.947	43383.64	9720.213	1579.301	2860.855
Stddev	4.643	40.44	45.843	2.087	5.025
%RSD	.2109475	.0932136	.4716258	.1321748	.1756572

#1	2198.019	43349.75	9673.150	1581.347	2858.761
#2	2206.300	43428.40	9764.730	1579.382	2866.589
#3	2198.522	43372.76	9722.758	1577.175	2857.216

Sample Name: TI 50PPM Acquired: 02/16/2021 13:50:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003673	F -.060258	-.006548	.0076186	.0054263	-.006395
Stddev	.003012	.005804	.001314	.0063578	.0025795	.003452
%RSD	82.00195	9.631172	20.07616	83.45124	47.53747	53.97720

#1	-.002411	-.053912	-.007998	.0003000	.0082397	-.002810
#2	-.001497	-.061566	-.005436	.0117783	.0048667	-.006679
#3	-.007110	-.065296	-.006208	.0107776	.0031725	-.009696

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007829	-.000035	-.000070	.0029755	.0023693	F .0936669
Stddev	.000600	.000027	.000048	.0098026	.0003206	.0001312
%RSD	7.663306	76.27757	68.71551	329.4398	13.53069	.1400410

#1	-.008491	-.000004	-.000060	-.007927	.0027181	.0936922
#2	-.007320	-.000048	-.000122	.005793	.0023023	.0935250
#3	-.007677	-.000052	-.000027	.011061	.0020875	.0937837

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010739	.0006167	.0003335	-.102547	.0007811	-.004537
Stddev	.001207	.0092527	.0003482	.020456	.0003093	.000170
%RSD	11.24306	1500.476	104.3910	19.94772	39.60011	3.751391

#1	-.010795	.0061404	.0001415	-.126151	.0011010	-.004352
#2	-.009504	.0057749	.0001237	-.091490	.0007586	-.004572
#3	-.011917	-.010065	.0007354	-.089999	.0004836	-.004687

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.407099	.0157151	-.015593	-.335857	.0014122	F .0130772
Stddev	.277477	.0019283	.002205	.034028	.0006810	.0006620
%RSD	68.15949	12.27052	14.13768	10.13170	48.22400	5.062090

#1	-.183169	.0166421	-.014024	-.368812	.0009920	.0135810
#2	-.717520	.0134984	-.018114	-.337910	.0010466	.0133232
#3	-.320609	.0170050	-.014642	-.300849	.0021980	.0123274

Sample Name: TI 50PPM Acquired: 02/16/2021 13:50:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010438	-.007746	F .5462804	F -.026104	F 51.52921	-.014290
Stddev	.0002554	.002649	.0147153	.001176	.20508	.000929
%RSD	24.46825	34.19345	2.693721	4.506836	.3979893	6.503376
#1	.0010156	-.004696	.5317606	-.026617	51.45823	-.013349
#2	.0008037	-.009082	.5458970	-.024758	51.76035	-.015207
#3	.0013122	-.009461	.5611837	-.026936	51.36904	-.014316

Elem	Sr4077
Units	ppm
Avg	.0000124
Stddev	.0000170
%RSD	136.6306
#1	.0000319
#2	.0000006
#3	.0000048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2211.121	43337.28	9748.877	1570.462	2877.472
Stddev	1.788	107.64	41.446	7.473	2.701
%RSD	.0808579	.2483689	.4251331	.4758538	.0938835
#1	2209.849	43240.18	9732.257	1576.959	2877.836
#2	2213.165	43453.02	9718.320	1562.295	2879.973
#3	2210.349	43318.63	9796.053	1572.131	2874.607

Sample Name: MO 50PPM Acquired: 02/16/2021 13:54:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000423	.0019723	F -.075445	.0167577	F -.125603	F 1.509907
Stddev	.001859	.0027108	.000759	.0071709	.001800	.020463
%RSD	438.9533	137.4429	1.005803	42.79182	1.432975	1.355258

#1	.001207	-.001150	-.076018	.0248209	-.124174	1.512727
#2	-.000029	.003727	-.075731	.0143576	-.127624	1.528813
#3	-.002448	.003340	-.074584	.0110947	-.125010	1.488179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003089	F -.012393	-.001914	-.018542	-.002018	-.049081
Stddev	.000763	.000263	.000106	.005480	.000348	.000345
%RSD	24.68943	2.121091	5.549841	29.55433	17.25425	.7031065

#1	-.003244	-.012541	-.001853	-.013254	-.001618	-.048703
#2	-.003762	-.012090	-.001852	-.018177	-.002190	-.049379
#3	-.002261	-.012550	-.002036	-.024195	-.002247	-.049160

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062251	-.000261	-.001493	-.489225	.0002887	.0002292
Stddev	.0007565	.005174	.000204	.007394	.0005799	.0004149
%RSD	12.15184	1986.224	13.69006	1.511353	200.8375	181.0029

#1	.0054222	-.003489	-.001720	-.482213	-.000186	.0006320
#2	.0063287	-.003000	-.001323	-.496949	.000935	.0002524
#3	.0069244	.005708	-.001435	-.488512	.000117	-.000197

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.326495	F -.403863	-.004549	-.334096	.0039393	F -.073772
Stddev	.086444	.003539	.002409	.071664	.0010616	.001029
%RSD	26.47651	.8763697	52.96509	21.45005	26.94832	1.394852

#1	-.240805	-.407893	-.005208	-.389889	.0041332	-.073463
#2	-.325006	-.402435	-.006560	-.359125	.0048906	-.074920
#3	-.413674	-.401261	-.001879	-.253275	.0027942	-.072933

Sample Name: MO 50PPM Acquired: 02/16/2021 13:54:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.36895	F -.348978	F .4424614	-.003808	.0068982	-.014555
Stddev	.05105	.006934	.0010998	.000274	.0009314	.000880
%RSD	.1101056	1.986974	.2485572	7.205507	13.50140	6.043381

#1	46.42078	-.345259	.4435128	-.003591	.0078452	-.015503
#2	46.36737	-.356978	.4425525	-.004117	.0059834	-.014396
#3	46.31871	-.344696	.4413189	-.003718	.0068661	-.013765

Elem	Sr4077
Units	ppm
Avg	.0000081
Stddev	.0000506
%RSD	626.6508

#1	-.000038
#2	-.000000
#3	.000062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.466	43460.51	9820.385	1565.344	2707.713
Stddev	2.752	116.29	14.044	14.188	2.340
%RSD	.1256707	.2675693	.1430106	.9064080	.0864108

#1	2186.296	43577.87	9813.150	1581.647	2705.048
#2	2191.225	43345.33	9811.433	1558.599	2708.658
#3	2190.878	43458.32	9836.572	1555.786	2709.431

Sample Name: BA 50PPM Acquired: 02/16/2021 13:58:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031714	.0013546	.0069590	.0061158	.0049459	-.004415
Stddev	.0018877	.0022706	.0013221	.0031637	.0006561	.010700
%RSD	59.52393	167.6221	18.99904	51.72909	13.26654	242.3598

#1	.0044253	-.000313	.0084070	.0030365	.0047522	-.016576
#2	.0040886	.000436	.0066538	.0059534	.0044085	.003556
#3	.0010003	.003941	.0058161	.0093576	.0056771	-.000225

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.99107	.0000163	-.000100	-.000432	.0003114	-.006271
Stddev	.51713	.0000826	.000095	.015363	.0006301	.000263
%RSD	1.100488	507.0631	95.28806	3552.604	202.3639	4.190491

#1	47.17716	-.000053	-.000021	.011127	.0010123	-.006308
#2	47.38940	.000107	-.000205	.005441	-.000208	-.006514
#3	46.40665	-.000005	-.000073	-.017865	.000130	-.005992

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004389	.0045763	.0001068	-.014783	.0033048	.0006708
Stddev	.001093	.0083356	.0005023	.019533	.0001388	.0002937
%RSD	24.90650	182.1465	470.4509	132.1341	4.200683	43.79044

#1	-.004130	.0138627	-.000471	.007740	.0034541	.0003442
#2	-.005588	.0021252	.000353	-.027083	.0031796	.0007548
#3	-.003448	-.002259	.000438	-.025006	.0032808	.0009133

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.222267	-.001150	.0015266	-.289110	.0000653	.0002733
Stddev	.069100	.001400	.0016097	.065316	.0019366	.0002127
%RSD	31.08861	121.7539	105.4455	22.59199	2964.950	77.84006

#1	-.189286	-.002209	.0008954	-.330987	.0000732	.0001194
#2	-.175838	-.001678	.0003281	-.322492	.0019979	.0001845
#3	-.301678	.000437	.0033563	-.213849	-.001875	.0005161

Sample Name: BA 50PPM Acquired: 02/16/2021 13:58:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054082	-.004877	.0007148	-.003164	.0009068	-.001703
Stddev	.0015151	.001727	.0011648	.000578	.0008027	.001140
%RSD	28.01463	35.40597	162.9541	18.27103	88.52652	66.95592
#1	.0071559	-.005569	-.000209	-.003126	.0012583	-.000469
#2	.0044657	-.002912	.000330	-.003760	.0014738	-.002718
#3	.0046031	-.006151	.002023	-.002606	-.000012	-.001922

Elem	Sr4077
Units	ppm
Avg	.0001150
Stddev	.0000833
%RSD	72.43160
#1	.0000193
#2	.0001716
#3	.0001541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.635	42887.89	9789.660	1562.380	2868.311
Stddev	5.691	146.33	49.826	13.277	9.824
%RSD	.2590830	.3411965	.5089641	.8497877	.3424888
#1	2198.530	42771.81	9807.500	1556.932	2875.223
#2	2201.137	42839.59	9733.370	1552.693	2872.644
#3	2190.238	43052.26	9828.110	1577.514	2857.066

Sample Name: BE 10PPM Acquired: 02/16/2021 14:02:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034100	.0011789	-.000422	.0040586	.0007072	-.001684
Stddev	.0011457	.0009829	.002063	.0052380	.0007963	.004421
%RSD	33.59869	83.37147	489.2650	129.0594	112.6029	262.5441

#1	.0031672	.0015439	-.002520	.0025030	.0007726	-.001331
#2	.0046577	.0019271	.001603	-.000225	-.000120	.002550
#3	.0024052	.0000658	-.000347	.009898	.001469	-.006270

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003990	F 10.41641	-.000023	.0029660	-.000297	.0003737
Stddev	.000071	.02572	.000127	.0062889	.000752	.0001977
%RSD	1.769602	.2469337	565.9139	212.0294	252.8659	52.89206

#1	-.004071	10.39070	.000044	-.002476	-.000186	.0005495
#2	-.003948	10.44215	.000058	.009851	.000393	.0004119
#3	-.003950	10.41640	-.000169	.001523	-.001099	.0001598

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002797	.0060040	-.000295	-.025635	.0004488	.0007108
Stddev	.000621	.0085278	.000052	.020370	.0003978	.0006200
%RSD	22.18906	142.0349	17.62939	79.46023	88.64030	87.21576

#1	-.002332	.0153654	-.000341	-.044956	.0008707	.0000782
#2	-.002558	.0039687	-.000238	-.027591	.0000804	.0013173
#3	-.003501	-.001322	-.000307	-.004358	.0003954	.0007370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.386441	.0019978	-.003290	-.253688	.0021946	-.001123
Stddev	.195691	.0018140	.001024	.025059	.0018794	.000140
%RSD	50.63941	90.80383	31.12383	9.877748	85.63789	12.45522

#1	-.520153	.0039032	-.004082	-.277420	.0021472	-.000962
#2	-.161832	.0017984	-.002134	-.227485	.0040973	-.001186
#3	-.477337	.0002917	-.003655	-.256157	.0003393	-.001219

Sample Name: BE 10PPM Acquired: 02/16/2021 14:02:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011795	-.004337	.0010612	-.005198	-.000166	-.014899
Stddev	.0001618	.001779	.0010137	.001573	.000235	.002263
%RSD	13.71659	41.00614	95.51919	30.25902	142.1588	15.19195

#1	.0012847	-.005295	.0000159	-.004121	-.000263	-.014350
#2	.0012606	-.005431	.0020399	-.007003	-.000336	-.017386
#3	.0009932	-.002285	.0011279	-.004469	.000103	-.012961

Elem	Sr4077
Units	ppm
Avg	-.000027
Stddev	.000028
%RSD	103.4329

#1	.000001
#2	-.000027
#3	-.000055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.110	43054.15	9745.677	1566.923	2897.958
Stddev	.588	358.56	11.948	10.314	5.822
%RSD	.0265265	.8328156	.1226017	.6582321	.2008921

#1	2217.431	42647.07	9744.800	1555.044	2904.110
#2	2218.474	43323.13	9758.040	1573.605	2897.230
#3	2218.424	43192.25	9734.192	1572.119	2892.534

Sample Name: CD 10PPM Acquired: 02/16/2021 14:06:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006841	.0017729	-.001276	.0039695	.0030259	.0012019
Stddev	.0038105	.0044236	.000550	.0036985	.0006021	.0011165
%RSD	556.9890	249.5081	43.10472	93.17283	19.89738	92.88680

#1	-.003716	-.001920	-.000666	.0018585	.0024548	.0021256
#2	.002931	.000564	-.001733	.0082401	.0036548	.0015189
#3	.002837	.006675	-.001429	.0018100	.0029682	-.000039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003076	.0000630	F 8.855462	-.002719	-.000282	.0002470
Stddev	.000380	.0001137	.014025	.006160	.000418	.0001686
%RSD	12.34058	180.4477	.1583755	226.5737	148.3747	68.24471

#1	-.003424	.0001940	8.839801	-.009817	-.000710	.0000853
#2	-.002671	-.000010	8.859721	.000435	-.000261	.0004216
#3	-.003132	.000005	8.866863	.001226	.000125	.0002341

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003243	.0062287	-.000270	-.025972	.0010318	.0001725
Stddev	.002631	.0053753	.000208	.003988	.0002977	.0004858
%RSD	81.13840	86.29878	77.11564	15.35687	28.84824	281.6878

#1	-.004990	.0049291	-.000159	-.021905	.0007468	.0005133
#2	-.004523	.0016223	-.000510	-.029877	.0010080	-.000384
#3	-.000217	.0121346	-.000141	-.026132	.0013407	.000388

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.471690	-.001310	.0002493	-.303443	.0028734	-.000638
Stddev	.038270	.000980	.0005898	.045388	.0022343	.001681
%RSD	8.113449	74.83872	236.5875	14.95760	77.75727	263.7270

#1	-.512229	-.000811	-.000056	-.251135	.0009125	-.000452
#2	-.436186	-.000680	.000929	-.332415	.0053058	-.002404
#3	-.466656	-.002440	-.000125	-.326780	.0024018	.000943

Sample Name: CD 10PPM Acquired: 02/16/2021 14:06:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006328	.0003167	-.000447	-.004759	.0006296	-.013869
Stddev	.0003825	.0034310	.001159	.001770	.0007133	.001157
%RSD	60.43904	1083.188	259.2100	37.19760	113.2891	8.342833
#1	.0009559	-.001766	.000639	-.004466	-.000192	-.012544
#2	.0007320	-.001560	-.001668	-.006658	.000996	-.014382
#3	.0002105	.004277	-.000313	-.003154	.001086	-.014681

Elem	Sr4077
Units	ppm
Avg	-.000001
Stddev	.000018
%RSD	1412.225
#1	-.000016
#2	-.000006
#3	.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.502	42886.79	9677.642	1557.835	2866.426
Stddev	1.558	73.33	26.618	9.314	3.452
%RSD	.0705117	.1709781	.2750464	.5978868	.1204206
#1	2207.711	42955.37	9677.400	1561.783	2869.346
#2	2210.251	42809.49	9651.146	1547.197	2867.316
#3	2210.544	42895.52	9704.380	1564.525	2862.617

Sample Name: TL 50PPM Acquired: 02/16/2021 14:10:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002871	F 49.26326	-.000107	.0060686	.0023620	-.007678
Stddev	.004888	.02384	.002672	.0005063	.0016326	.005575
%RSD	170.2456	.0484026	2507.913	8.342273	69.12110	72.61140

#1	-.001517	49.27520	-.002432	.0054840	.0007320	-.012261
#2	.001197	49.23581	.002812	.0063538	.0039973	-.009303
#3	-.008293	49.27878	-.000700	.0063679	.0023567	-.001471

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003306	-.000084	.0000058	.0033332	-.000111	.0002342
Stddev	.000451	.000032	.0000609	.0035000	.000719	.0005253
%RSD	13.65585	38.03722	1050.009	105.0047	646.8656	224.3263

#1	-.002795	-.000113	.0000525	.0069269	-.000905	-.000356
#2	-.003651	-.000091	.0000280	-.000065	.000077	.000652
#3	-.003471	-.000049	-.000063	.003137	.000495	.000406

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003821	-.002616	-.000321	-.000509	.0084013	.0008653
Stddev	.001381	.002366	.000266	.014996	.0003241	.0005261
%RSD	36.13730	90.45608	82.77435	2946.870	3.857885	60.79663

#1	-.002417	-.003679	-.000328	-.015881	.0084000	.0004437
#2	-.003869	-.004264	-.000052	.014079	.0080778	.0006974
#3	-.005178	.000095	-.000584	.000276	.0087260	.0014549

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.182614	.0026034	-.002101	-.307813	.0007064	-.000363
Stddev	.070038	.0045565	.001191	.050852	.0021403	.000504
%RSD	38.35294	175.0224	56.65857	16.52044	302.9950	138.9791

#1	-.104890	.0053936	-.002748	-.282045	-.000574	.000067
#2	-.202125	.0050714	-.000727	-.275004	-.000485	-.000237
#3	-.240828	-.002655	-.002828	-.366392	.003177	-.000917

Sample Name: TL 50PPM Acquired: 02/16/2021 14:10:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001085	-.001162	-.000589	-.003664	.0002367	.0015557
Stddev	.0003575	.001590	.001888	.000734	.0007652	.0007776
%RSD	329.4307	136.8397	320.4239	20.02298	323.3228	49.98696

#1	.0002366	.000057	-.001759	-.004501	-.000632	.0006799
#2	-.000295	-.000583	.001589	-.003361	.000530	.0021654
#3	.000384	-.002960	-.001598	-.003131	.000812	.0018218

Elem	Sr4077
Units	ppm
Avg	-.000039
Stddev	.000055
%RSD	140.7694

#1	-.000093
#2	-.000040
#3	.000016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.144	42758.07	9660.616	1558.813	2867.667
Stddev	6.587	99.30	44.395	11.661	5.810
%RSD	.2981608	.2322384	.4595485	.7480874	.2026118

#1	2211.552	42678.19	9613.060	1570.548	2867.603
#2	2214.188	42869.25	9700.970	1558.665	2873.510
#3	2201.692	42726.78	9667.818	1547.227	2861.890

Sample Name: CCV098 Acquired: 02/16/2021 14:24:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.056305	5.001225	24.68260	4.984645	5.119198	397.0682	10.54758
Stddev	.004773	.013694	.00395	.019026	.004504	3.2426	.02872
%RSD	.0944019	.2738114	.0159859	.3816915	.0879922	.8166243	.2723258

#1	5.054785	4.989900	24.68072	4.973310	5.123835	394.2603	10.54904
#2	5.061653	5.016444	24.67994	5.006610	5.114839	396.3271	10.51816
#3	5.052477	4.997330	24.68713	4.974014	5.118921	400.6171	10.57555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4937153	2.490341	415.1334	15.44165	2.518486	15.88288	399.1257
Stddev	.0017250	.001392	1.7070	.03396	.000947	.05135	2.1932
%RSD	.3493813	.0558880	.4111853	.2199431	.0375945	.3233166	.5494946

#1	.4935979	2.488771	414.2276	15.45969	2.518951	15.88096	399.7058
#2	.4920520	2.490828	414.0701	15.46279	2.517396	15.83251	396.7007
#3	.4954959	2.491423	417.1023	15.40247	2.519110	15.93516	400.9704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.56374	396.9007	2.472033	1.306211	398.8798	2.545548	16.17898
Stddev	.04544	1.6102	.001382	.002491	1.2578	.014662	.13789
%RSD	.2919545	.4057037	.0559232	.1907410	.3153207	.5759951	.8523013

#1	15.53298	396.9868	2.470927	1.303524	399.2792	2.558348	16.32008
#2	15.54231	395.2491	2.473583	1.306666	397.4708	2.529551	16.17234
#3	15.61593	398.4661	2.471589	1.308444	399.8893	2.548744	16.04453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.9501	5.182744	5.151847	4.777114	5.228134	4.989566	4.916068
Stddev	.5658	.019341	.026222	.011106	.011578	.028561	.007204
%RSD	.3628132	.3731759	.5089874	.2324929	.2214632	.5724158	.1465393

#1	155.9987	5.182325	5.149769	4.766347	5.238851	5.003327	4.915786
#2	155.3615	5.202290	5.126726	4.788532	5.215853	4.956729	4.923409
#3	156.4900	5.163616	5.179047	4.776463	5.229699	5.008641	4.909009

Sample Name: CCV098 Acquired: 02/16/2021 14:24:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.224598	5.329103	5.337934
Stddev	.023065	.015472	.031860
%RSD	.4414774	.2903224	.5968687

#1	5.221597	5.329734	5.374723
#2	5.203179	5.313325	5.319708
#3	5.249016	5.344249	5.319371

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.919	38577.90	9339.591	1326.476	2222.848
Stddev	2.254	191.49	54.164	12.759	1.371
%RSD	.1190610	.4963796	.5799396	.9618473	.0616638

#1	1895.431	38381.38	9308.947	1314.012	2221.744
#2	1892.252	38588.37	9402.130	1325.906	2222.417
#3	1891.074	38763.94	9307.695	1339.510	2224.382

Sample Name: CCB098 Acquired: 02/16/2021 14:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001037	.0002748	.0001905	.0042368	.0036184	-.000570	-.004026
Stddev	.004670	.0023897	.0020489	.0037533	.0021674	.002179	.000752
%RSD	450.4866	869.7581	1075.749	88.58908	59.89859	382.0395	18.67728

#1	.002841	.0023486	.0013459	-.000095	.0012760	-.001803	-.004009
#2	-.006221	-.002339	-.002175	.006281	.0040265	-.001853	-.004787
#3	.000270	.000814	.001401	.006524	.0055527	.001945	-.003283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000167	-.000117	-.005648	.0004510	.0003677	-.003356	.0044994
Stddev	.0000649	.000072	.001891	.0004901	.0000622	.001135	.0037271
%RSD	388.3344	61.56891	33.47886	108.6761	16.90744	33.80808	82.83603

#1	-.000037	-.000076	-.004387	.0010160	.0003156	-.002148	.0076589
#2	.000089	-.000200	-.007823	.0001967	.0004365	-.003520	.0054503
#3	-.000002	-.000075	-.004735	.0001403	.0003509	-.004399	.0003889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000613	-.013301	.0010675	.0005650	-.280040	.0013830	-.001575
Stddev	.000152	.024653	.0005128	.0004410	.307911	.0006255	.001163
%RSD	24.82691	185.3408	48.04059	78.05174	109.9523	45.23016	73.85684

#1	-.000777	-.008276	.0015008	.0000715	-.393254	.0020709	-.001711
#2	-.000585	-.040080	.0012005	.0007028	.068450	.0008485	-.000350
#3	-.000477	.008452	.0005013	.0009205	-.515317	.0012294	-.002664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.212094	.0007481	.0074572	.0004009	-.007450	.0003498	-.004734
Stddev	.018678	.0016003	.0006344	.0001069	.004679	.0001616	.002005
%RSD	8.806559	213.9197	8.507227	26.65259	62.80058	46.19085	42.36376

#1	-.213503	.0003253	.0080898	.0005223	-.002704	.0004995	-.004013
#2	-.230028	-.000598	.0074607	.0003210	-.012058	.0001785	-.003188
#3	-.192752	.002517	.0068210	.0003594	-.007587	.0003714	-.007000

Sample Name: CCB098 Acquired: 02/16/2021 14:32:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010124	-.008943	-.000052
Stddev	.0006563	.001428	.000082
%RSD	64.83262	15.96790	156.8076

#1	.0017279	-.007298	-.000127
#2	.0008709	-.009660	-.000066
#3	.0004383	-.009870	.000036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.185	42441.12	9688.406	1540.690	2856.210
Stddev	1.438	96.92	9.821	1.014	4.654
%RSD	.0651884	.2283588	.1013660	.0657874	.1629398

#1	2206.446	42336.34	9688.440	1539.950	2854.219
#2	2203.619	42459.44	9698.210	1541.845	2861.529
#3	2205.489	42527.56	9678.569	1540.273	2852.883

Sample Name: NA 500PPM Acquired: 02/16/2021 14:39:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011140	.0008607	.0002457	.0052105	.0018682	.0376818
Stddev	.0003299	.0036691	.0015831	.0035551	.0021218	.0086077
%RSD	29.61543	426.2741	644.3967	68.22965	113.5751	22.84320

#1	.0014475	.0021650	-.000290	.0092745	.0017169	.0279396
#2	.0007878	-.003282	-.001000	.0026770	-.000174	.0442588
#3	.0011066	.003700	.002027	.0036800	.004062	.0408471

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003818	.0001067	-.000131	.0488890	.0009811	.0002697
Stddev	.000398	.0000658	.000037	.0030003	.0002394	.0003119
%RSD	10.41702	61.63372	27.96781	6.137042	24.40008	115.6633

#1	-.003783	.0001552	-.000171	.0520253	.0009543	.0003406
#2	-.003440	.0001330	-.000099	.0460463	.0012327	-.000072
#3	-.004233	.0000319	-.000122	.0485954	.0007562	.000540

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002032	.0662863	-.000101	.0948928	.0008801	.0009636
Stddev	.002559	.0078626	.000380	.0142974	.0007139	.0002125
%RSD	125.9128	11.86158	377.5644	15.06685	81.11885	22.05723

#1	-.004917	.0738405	.000299	.0812681	.0016197	.0009426
#2	-.001143	.0581479	-.000458	.1097792	.0008255	.0011858
#3	-.000037	.0668704	-.000144	.0936310	.0001950	.0007623

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 528.5549	.0009200	.0002752	-.104951	.0019950	.0034872
Stddev	2.7731	.0022043	.0011469	.043091	.0035569	.0009028
%RSD	.5246576	239.5917	416.7826	41.05830	178.2938	25.88971

#1	525.3776	-.001560	.0015926	-.059028	.0056506	.0044550
#2	529.7992	.002656	-.000267	-.144501	-.001454	.0026677
#3	530.4879	.001664	-.000500	-.111325	.001789	.0033387

Sample Name: NA 500PPM Acquired: 02/16/2021 14:39:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005276	.0000356	.0010686	-.004229	-.000172	.0014350
Stddev	.0003850	.0088329	.0001375	.000773	.000719	.0022665
%RSD	72.96125	24829.95	12.86920	18.27348	418.8746	157.9413

#1	.0003945	.0014839	.0011781	-.003467	-.000859	-.000362
#2	.0009615	-.009432	.0009143	-.005012	-.000232	.000686
#3	.0002269	.008055	.0011135	-.004209	.000576	.003981

Elem	Sr4077
Units	ppm
Avg	-.000025
Stddev	.000057
%RSD	224.2577

#1	-.000090
#2	.000019
#3	-.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.530	39729.77	9351.010	1460.171	2521.737
Stddev	7.098	166.22	79.420	4.437	5.129
%RSD	.3387305	.4183842	.8493195	.3038471	.2034070

#1	2087.365	39907.87	9439.387	1464.761	2516.051
#2	2098.987	39578.74	9285.616	1459.848	2523.144
#3	2100.237	39702.71	9328.028	1455.905	2526.017

Sample Name: ZN 50PPM Acquired: 02/16/2021 14:43:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.012277	.0012593	.0095742	.0057872	.0003770	.0268038
Stddev	.003933	.0013564	.0023422	.0067440	.0023413	.0121331
%RSD	32.03196	107.7134	24.46311	116.5323	620.9765	45.26640

#1	-.008094	.0002162	.0082087	.0082516	.0021902	.0225200
#2	-.012838	.0007690	.0122787	.0109524	-.002266	.0173937
#3	-.015899	.0027928	.0082354	-.001842	.001207	.0404978

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002236	.0001443	.0016661	.0658280	.0082342	.0005820
Stddev	.000265	.0001138	.0000300	.0073288	.0002398	.0002203
%RSD	11.85780	78.82512	1.797576	11.13320	2.912260	37.85863

#1	-.002076	.0001563	.0016355	.0742612	.0080916	.0004525
#2	-.002090	.0002517	.0016953	.0622215	.0085111	.0008364
#3	-.002542	.0000251	.0016676	.0610014	.0081000	.0004571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190736	F .1415607	.0120005	.0282726	.0098248	.0015131
Stddev	.0022413	.0041457	.0003938	.0141506	.0005075	.0006745
%RSD	11.75087	2.928568	3.281460	50.05063	5.165623	44.57422

#1	.0210558	.1462980	.0123448	.0126068	.0092729	.0022287
#2	.0166414	.1397885	.0115711	.0320835	.0099303	.0008892
#3	.0195237	.1385957	.0120857	.0401276	.0102714	.0014215

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.268235	.0008554	F 52.07020	-.182580	.0001866	.0019639
Stddev	.365343	.0048256	.30348	.043209	.0010717	.0008973
%RSD	136.2028	564.1425	.5828381	23.66591	574.3048	45.69203

#1	-.493723	-.000077	51.71985	-.227380	-.001036	.0022374
#2	-.464265	-.003436	52.23857	-.141161	.000633	.0026926
#3	.153284	.006079	52.25217	-.179199	.000963	.0009616

Sample Name: ZN 50PPM Acquired: 02/16/2021 14:43:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027833	.0005214	.0026770	-.003144	.0009865	-.005259
Stddev	.0000866	.0069890	.0007478	.000260	.0009619	.001296
%RSD	3.110812	1340.337	27.93251	8.283827	97.50683	24.64842

#1	.0028789	-.004749	.0031530	-.003217	.0018852	-.005381
#2	.0027100	-.002136	.0018152	-.003361	-.000028	-.006490
#3	.0027612	.008449	.0030629	-.002855	.001102	-.003906

Elem	Sr4077
Units	ppm
Avg	.0012909
Stddev	.0000828
%RSD	6.410048

#1	.0013853
#2	.0012560
#3	.0012313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.249	42601.80	9631.639	1543.582	2827.623
Stddev	3.838	88.91	54.886	5.311	2.520
%RSD	.1736662	.2087078	.5698492	.3440929	.0891206

#1	2205.931	42652.50	9598.390	1549.392	2828.115
#2	2213.274	42653.76	9694.990	1538.977	2829.861
#3	2211.542	42499.13	9601.538	1542.378	2824.893

Sample Name: SE 25PPM Acquired: 02/16/2021 14:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004109	.0023986	-.003990	F 25.04431	.0032152	-.001604
Stddev	.0017761	.0035462	.001373	.05246	.0009626	.008583
%RSD	432.2280	147.8455	34.41986	.2094745	29.94030	535.2157

#1	-.000417	.0004621	-.002430	25.01168	.0021073	-.010232
#2	-.000800	.0064915	-.004521	25.01644	.0038477	-.001513
#3	.002450	.0002422	-.005017	25.10483	.0036905	.006934

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003868	-.000003	-.000035	.0079606	.0006835	.0006237
Stddev	.000855	.000051	.000151	.0068748	.0006024	.0003110
%RSD	22.10897	2009.070	436.8976	86.36005	88.12968	49.86622

#1	-.004272	-.000015	.000041	.0097254	.0008354	.0002652
#2	-.002886	-.000047	.000064	.0003755	.0000197	.0007851
#3	-.004446	.000054	-.000209	.0137809	.0011954	.0008208

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003382	-.001996	-.000116	-.025776	.0019570	.0009232
Stddev	.002244	.005515	.000336	.016130	.0003916	.0004223
%RSD	66.33813	276.2966	289.3800	62.57744	20.00888	45.74198

#1	-.002972	-.001837	.000184	-.035199	.0017205	.0004475
#2	-.005803	.003438	-.000053	-.007151	.0017415	.0010685
#3	-.001372	-.007589	-.000479	-.034979	.0024090	.0012537

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.515259	.0026360	-.001334	-.149295	.0002844	.0010315
Stddev	.201766	.0012525	.002236	.056497	.0015956	.0009003
%RSD	39.15816	47.51570	167.6138	37.84230	561.1043	87.28055

#1	-.285730	.0028621	-.003503	-.106704	.0016783	.0019753
#2	-.595426	.0037600	.000964	-.213385	.0006308	.0001822
#3	-.664620	.0012858	-.001463	-.127796	-.001456	.0009369

Sample Name: SE 25PPM Acquired: 02/16/2021 14:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004527	-.005770	.0048661	-.004844	.0019100	-.012947
Stddev	.0005468	.005849	.0005047	.001469	.0006777	.001893
%RSD	120.7823	101.3814	10.37232	30.32841	35.48216	14.61885

#1	.0002069	-.010392	.0052559	-.006009	.0011278	-.013983
#2	.0010792	-.007723	.0050465	-.005329	.0023204	-.010763
#3	.0000719	.000807	.0042960	-.003193	.0022820	-.014097

Elem	Sr4077
Units	ppm
Avg	-.000006
Stddev	.000079
%RSD	1325.529

#1	.000012
#2	.000063
#3	-.000093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.315	42069.00	9435.024	1531.563	2847.424
Stddev	1.127	106.55	9.674	5.295	4.460
%RSD	.0513128	.2532722	.1025298	.3457550	.1566210

#1	2195.481	42190.89	9442.830	1537.251	2842.278
#2	2197.597	42022.59	9438.040	1530.662	2849.830
#3	2195.867	41993.54	9424.201	1526.776	2850.163

Sample Name: NI 50PPM Acquired: 02/16/2021 15:04:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007364	.0059029	.0026062	.0015198	-.002853	-.011908
Stddev	.0028579	.0027447	.0025834	.0048830	.002590	.009373
%RSD	388.0809	46.49855	99.12555	321.3001	90.78468	78.71023

#1	-.001718	.0084088	.0000082	-.003139	-.005552	-.001559
#2	.003874	.0029695	.0026356	.001098	-.002620	-.014339
#3	.000053	.0063303	.0051748	.006600	-.000387	-.019825

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003902	-.000298	-.000448	.1013259	.0000694	.0081016
Stddev	.000234	.000124	.000072	.0040493	.0001641	.0003941
%RSD	5.989705	41.57290	15.96999	3.996287	236.5826	4.864372

#1	-.003769	-.000156	-.000366	.1039934	.0000699	.0085524
#2	-.004172	-.000387	-.000491	.0966665	.0002331	.0079298
#3	-.003766	-.000349	-.000488	.1033178	-.000095	.0078225

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003580	-.000585	-.000016	-.007932	F 47.20706	.0009433
Stddev	.001685	.002206	.000041	.009412	.03728	.0001174
%RSD	47.05862	376.8954	247.5689	118.6588	.0789808	12.44641

#1	-.005264	-.001780	.000027	-.008636	47.21036	.0010054
#2	-.001895	-.001936	-.000054	.001812	47.16824	.0008079
#3	-.003580	.001960	-.000023	-.016972	47.24259	.0010167

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.286852	.0019651	F .2265795	-.236176	F .0773990	-.000661
Stddev	.184223	.0024418	.0020686	.059783	.0043602	.000150
%RSD	64.22250	124.2576	.9129612	25.31284	5.633409	22.66254

#1	-.490251	.0025687	.2246594	-.215579	.0726980	-.000491
#2	-.131210	-.000722	.2287700	-.189415	.0813105	-.000773
#3	-.239094	.004049	.2263093	-.303534	.0781885	-.000717

Sample Name: NI 50PPM Acquired: 02/16/2021 15:04:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005509	-.004765	-.000088	-.005116	-.057457	-.013690
Stddev	.0001688	.005587	.000360	.000656	.001410	.001025
%RSD	30.64431	117.2599	410.3107	12.81367	2.454096	7.484340

#1	.0006360	.001060	.000089	-.005864	-.056015	-.013265
#2	.0003565	-.005275	-.000503	-.004843	-.058833	-.014859
#3	.0006603	-.010079	.000150	-.004641	-.057523	-.012946

Elem	Sr4077
Units	ppm
Avg	-.000046
Stddev	.000029
%RSD	64.23492

#1	-.000056
#2	-.000013
#3	-.000069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.111	42167.79	9561.657	1535.171	2847.599
Stddev	1.295	140.39	38.952	7.896	.502
%RSD	.0589058	.3329365	.4073726	.5143725	.0176449

#1	2200.103	42225.40	9545.480	1541.019	2847.811
#2	2199.584	42270.22	9606.090	1538.306	2847.962
#3	2197.645	42007.76	9533.400	1526.189	2847.026

Sample Name: B 50PPM Acquired: 02/16/2021 15:08:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030674	.0023212	-.001684	.0055002	.0026733	-.004142
Stddev	.0015919	.0058863	.001516	.0027100	.0007036	.003882
%RSD	51.89616	253.5841	90.04503	49.27096	26.32044	93.72559

#1	.0029399	-.001783	-.000571	.0057741	.0025027	-.006119
#2	.0015431	-.000319	-.001070	.0080628	.0034466	.000331
#3	.0047192	.009065	-.003411	.0026636	.0020707	-.006637

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003884	-.000078	-.000051	.0022464	.0000662	.0003427
Stddev	.000706	.000131	.000179	.0009598	.0003848	.0002469
%RSD	18.17909	167.9693	350.4933	42.72445	580.9774	72.06456

#1	-.004501	.000044	-.000135	.0015069	.0004444	.0003490
#2	-.004035	-.000216	.000155	.0019014	.0000793	.0005864
#3	-.003114	-.000061	-.000173	.0033310	-.000325	.0000926

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004949	-.000413	-.000107	-.028721	.0017253	.0004578
Stddev	.001457	.008059	.000228	.015970	.0002041	.0003418
%RSD	29.43470	1952.060	212.8175	55.60357	11.82884	74.65717

#1	-.006297	-.007234	.000126	-.042547	.0015098	.0002037
#2	-.003403	-.002484	-.000117	-.011240	.0019156	.0008465
#3	-.005146	.008480	-.000329	-.032377	.0017504	.0003233

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.481028	-.000943	-.000023	-.287550	.0011505	F 57.84458
Stddev	.082701	.001697	.002640	.035274	.0015007	.48270
%RSD	17.19257	179.9467	11565.37	12.26693	130.4399	.8344823

#1	-.569373	-.000731	-.002812	-.283716	.0017199	57.36193
#2	-.405457	.000638	.002437	-.324584	.0022831	57.84446
#3	-.468255	-.002737	.000307	-.254350	-.000552	58.32734

Sample Name: B 50PPM Acquired: 02/16/2021 15:08:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002840	-.002150	-.021917	-.004215	-.000289	-.012256
Stddev	.0004227	.006065	.001207	.000652	.001435	.001386
%RSD	148.8511	282.0551	5.505213	15.46551	497.0093	11.30638

#1	.0003822	-.007776	-.021192	-.003623	-.001855	-.010669
#2	-.000179	-.002949	-.023310	-.004914	.000024	-.013222
#3	.000649	.004275	-.021248	-.004108	.000964	-.012879

Elem	Sr4077
Units	ppm
Avg	-.000073
Stddev	.000093
%RSD	126.3844

#1	-.000138
#2	.000033
#3	-.000116

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.576	42419.68	9565.490	1542.638	2854.166
Stddev	2.814	123.46	48.356	6.807	3.053
%RSD	.1273076	.2910538	.5055264	.4412270	.1069579

#1	2211.412	42283.17	9607.400	1534.848	2856.176
#2	2207.439	42452.33	9576.487	1545.630	2850.653
#3	2212.878	42523.54	9512.582	1547.436	2855.669

Sample Name: CCV099 Acquired: 02/16/2021 15:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.113298	5.025810	24.93697	5.013554	5.130725	409.8799	10.73564
Stddev	.013660	.003365	.00983	.017929	.012268	2.4863	.00488
%RSD	.2671458	.0669454	.0394081	.3576064	.2391077	.6065951	.0454910

#1	5.103981	5.023647	24.93753	5.034252	5.143784	407.0142	10.73997
#2	5.106934	5.029687	24.94651	5.003591	5.119441	411.4635	10.73035
#3	5.128979	5.024097	24.92688	5.002820	5.128950	411.1619	10.73660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5086935	2.518864	428.3422	15.63146	2.542063	16.29593	405.6759
Stddev	.0022527	.002822	.8481	.04565	.002349	.01021	.3523
%RSD	.4428356	.1120340	.1979944	.2920532	.0924166	.0626679	.0868403

#1	.5112461	2.521713	428.9951	15.61411	2.544728	16.30619	405.3348
#2	.5078507	2.516070	428.6479	15.68324	2.540293	16.29584	405.6543
#3	.5069837	2.518810	427.3837	15.59703	2.541168	16.28577	406.0384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.08414	405.0175	2.491469	1.327186	406.2589	2.611213	16.44463
Stddev	.06256	.3857	.002921	.001870	.5982	.007089	.05700
%RSD	.3889345	.0952262	.1172295	.1408930	.1472477	.2714698	.3466382

#1	16.15624	404.6465	2.492761	1.325069	406.3735	2.603701	16.38067
#2	16.05197	404.9895	2.488125	1.327878	405.6117	2.612155	16.46315
#3	16.04423	405.4164	2.493521	1.328611	406.7915	2.617784	16.49006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.9794	5.205519	5.457660	4.747037	5.277111	5.180543	4.909542
Stddev	.4223	.010568	.027003	.009713	.007741	.019358	.007568
%RSD	.2656221	.2030183	.4947698	.2046162	.1466832	.3736742	.1541463

#1	158.9984	5.216449	5.488409	4.749821	5.269454	5.202894	4.905764
#2	158.5479	5.195355	5.446755	4.736236	5.276946	5.169685	4.918255
#3	159.3918	5.204752	5.437814	4.755054	5.284933	5.169052	4.904607

Sample Name: CCV099 Acquired: 02/16/2021 15:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.362212	5.403438	5.473980
Stddev	.003901	.003276	.011161
%RSD	.0727423	.0606247	.2038988

#1	5.365156	5.401137	5.470077
#2	5.363692	5.401989	5.465295
#3	5.357788	5.407189	5.486569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.000	37659.31	8970.609	1299.160	2188.624
Stddev	4.998	50.56	29.020	2.665	5.052
%RSD	.2671182	.1342687	.3235023	.2051486	.2308292

#1	1865.396	37623.16	8937.183	1297.437	2183.065
#2	1874.995	37637.67	8985.279	1302.230	2189.873
#3	1872.609	37717.09	8989.366	1297.814	2192.934

Sample Name: CCB099 Acquired: 02/16/2021 15:47:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.004329	-.001731	.0064506	.0007523	-.007769
Stddev	.003733	.001766	.000534	.0010869	.0018538	.007986
%RSD	13378.77	40.80159	30.82412	16.85033	246.4152	102.7962

#1	.003733	-.003760	-.002324	.0067259	-.001388	.001449
#2	-.000084	-.002917	-.001290	.0073733	.001774	-.012138
#3	-.003733	-.006310	-.001579	.0052524	.001870	-.012618

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003591	-.000184	-.000184	.0042740	.0000705	.0003690
Stddev	.000533	.000069	.000142	.0067460	.0005189	.0002001
%RSD	14.83959	37.58880	77.20212	157.8380	736.0780	54.23524

#1	-.004092	-.000244	-.000051	-.002064	.0004504	.0004362
#2	-.003031	-.000108	-.000333	.011365	-.000521	.0001439
#3	-.003651	-.000200	-.000166	.003522	.000282	.0005269

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005997	-.002413	-.000374	-.017797	.0009738	.0011135
Stddev	.000853	.004894	.000089	.023617	.0005944	.0004666
%RSD	14.22535	202.7907	23.73423	132.7045	61.03787	41.90806

#1	-.005074	-.005233	-.000307	.000411	.0006808	.0006406
#2	-.006757	-.005244	-.000474	-.009319	.0016578	.0011263
#3	-.006160	.003238	-.000341	-.044483	.0005828	.0015737

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.409745	-.000950	-.001470	-1.41479	.0025400	.0079528
Stddev	.135715	.001218	.002794	.00924	.0010513	.0017336
%RSD	33.12182	128.2135	189.9821	.6532861	41.39114	21.79901

#1	-.522609	.000339	.000081	-1.42212	.0016671	.0091753
#2	-.259160	-.001108	.000203	-1.41784	.0037071	.0087144
#3	-.447466	-.002081	-.004695	-1.40440	.0022459	.0059688

Sample Name: CCB099 Acquired: 02/16/2021 15:47:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1434) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002805	-.006189	-.005022	-.005487	-.000567	F -.021056
Stddev	.0003472	.006860	.001486	.001025	.000234	.000507
%RSD	123.7758	110.8370	29.57968	18.68454	41.17835	2.406927

#1	.0000548	-.007787	-.003547	-.004350	-.000344	-.020851
#2	.0001064	-.012109	-.005001	-.006342	-.000549	-.020683
#3	.0006802	.001329	-.006518	-.005769	-.000810	-.021633

Elem	Sr4077
Units	ppm
Avg	-.000048
Stddev	.000047
%RSD	98.22909

#1	.000004
#2	-.000062
#3	-.000087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.368	42719.13	9534.322	1542.693	2885.823
Stddev	3.697	100.55	43.680	7.214	2.954
%RSD	.1659666	.2353737	.4581384	.4676174	.1023660

#1	2228.579	42832.65	9489.126	1542.605	2882.526
#2	2230.306	42683.43	9537.530	1535.523	2888.228
#3	2223.217	42641.30	9576.310	1549.950	2886.715

Sample Name: FE 100PPM Acquired: 02/16/2021 16:16:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000868	-.001365	-.002008	.0064536	.0034818	-.006647
Stddev	.001885	.001562	.002053	.0021583	.0027303	.003434
%RSD	217.0676	114.4694	102.2228	33.44409	78.41412	51.65919

#1	-.002983	.000377	-.003380	.0041872	.0018913	-.004725
#2	.000634	-.001830	-.002996	.0066888	.0066344	-.004604
#3	-.000256	-.002642	.000352	.0084846	.0019198	-.010611

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004348	.0005962	.0006309	-.006028	.0002533	.0017822
Stddev	.000913	.0000957	.0000423	.015007	.0003726	.0005114
%RSD	20.99423	16.04410	6.712925	248.9527	147.1037	28.69448

#1	-.005387	.0005276	.0006618	-.022870	.0001111	.0011953
#2	-.003980	.0005556	.0006483	-.001140	.0006760	.0020193
#3	-.003676	.0007055	.0005826	.005925	-.000027	.0021320

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001756	F 97.26983	-.000524	-.022944	.0011215	.0017223
Stddev	.002150	.51029	.000270	.041039	.0004158	.0007806
%RSD	122.4235	.5246125	51.54115	178.8652	37.07713	45.32182

#1	-.004178	96.77402	-.000832	.023695	.0012463	.0009456
#2	-.001021	97.79346	-.000411	-.038999	.0014606	.0025067
#3	-.000071	97.24199	-.000329	-.053529	.0006575	.0017147

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.331896	.0015835	.0086627	-.143646	.0020951	.0010787
Stddev	.274731	.0005422	.0023820	.061368	.0020027	.0025217
%RSD	82.77630	34.24312	27.49775	42.72209	95.58966	233.7757

#1	-.408659	.0013734	.0061578	-.072916	.0024396	.0006503
#2	-.560082	.0011777	.0108991	-.175255	.0039031	-.001201
#3	-.026948	.0021993	.0089311	-.182766	-.000058	.003787

Sample Name: FE 100PPM Acquired: 02/16/2021 16:16:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001594	-.007950	-.004213	-.003232	-.000218	-.010223
Stddev	.000582	.004015	.001251	.001107	.001504	.002053
%RSD	36.48498	50.50035	29.70362	34.26120	689.3161	20.08627

#1	-.001129	-.010566	-.005307	-.003577	-.001904	-.008620
#2	-.002246	-.003328	-.002849	-.001993	.000266	-.009511
#3	-.001407	-.009957	-.004482	-.004125	.000984	-.012537

Elem	Sr4077
Units	ppm
Avg	.0000087
Stddev	.0000674
%RSD	777.4522

#1	.0000035
#2	-.000056
#3	.000079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.487	41052.34	9136.257	1491.410	2779.294
Stddev	3.816	20.59	45.144	6.556	6.889
%RSD	.1763008	.0501598	.4941246	.4395812	.2478567

#1	2160.225	41076.10	9145.922	1497.351	2771.347
#2	2167.588	41039.58	9087.063	1484.376	2782.966
#3	2165.648	41041.35	9175.787	1492.504	2783.569

Sample Name: FE 250PPM Acquired: 02/16/2021 16:20:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010766	.0025478	-.004215	.0105858	.0107245	.0092625
Stddev	.0051193	.0045779	.002317	.0075862	.0012236	.0065399
%RSD	475.5026	179.6856	54.97794	71.66401	11.40973	70.60545

#1	.0011824	.0003810	-.003713	.0146723	.0117367	.0018714
#2	.0061421	.0078068	-.002190	.0018324	.0110721	.0142991
#3	-.004095	-.000545	-.006742	.0152527	.0093646	.0116171

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003790	.0020624	.0011384	-.041008	.0001241	.0038758
Stddev	.000452	.0001321	.0001589	.017734	.0005388	.0003080
%RSD	11.92889	6.402880	13.95691	43.24569	434.1158	7.947246

#1	-.003605	.0020496	.0011574	-.037570	.0006934	.0042050
#2	-.003460	.0022004	.0012869	-.060209	-.000378	.0038279
#3	-.004306	.0019372	.0009709	-.025244	.000057	.0035946

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016495	F 250.6952	-.000963	-.021668	.0007930	.0031411
Stddev	.0007467	.9527	.000245	.027712	.0005101	.0002989
%RSD	45.27013	.3800043	25.48432	127.8953	64.32371	9.516822

#1	.0020572	251.5604	-.000775	-.029811	.0009180	.0034845
#2	.0021037	249.6743	-.001241	.009204	.0012289	.0029388
#3	.0007877	250.8510	-.000874	-.044395	.0002320	.0030000

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075728	.0047585	.0233842	-.082318	.0067431	.0079156
Stddev	.328301	.0022880	.0023467	.050069	.0032347	.0046564
%RSD	433.5257	48.08292	10.03550	60.82358	47.97075	58.82573

#1	-.289929	.0025628	.0221661	-.107323	.0101629	.0078197
#2	.302241	.0071289	.0218970	-.114959	.0037325	.0033079
#3	-.239496	.0045839	.0260895	-.024672	.0063337	.0126193

Sample Name: FE 250PPM Acquired: 02/16/2021 16:20:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002597	-.013981	-.015884	-.002953	-.000413	-.013355
Stddev	.000161	.004039	.000960	.000512	.000988	.001779
%RSD	6.186851	28.88992	6.043284	17.34903	239.2117	13.32209

#1	-.002629	-.013687	-.016567	-.002445	.000725	-.014158
#2	-.002423	-.010097	-.014787	-.003470	-.001057	-.014591
#3	-.002739	-.018159	-.016299	-.002943	-.000907	-.011316

Elem	Sr4077
Units	ppm
Avg	-.000063
Stddev	.000066
%RSD	104.0541

#1	-.000138
#2	-.000014
#3	-.000038

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2172.305	41123.29	9218.480	1489.854	2772.257
Stddev	3.841	47.66	34.294	6.030	2.385
%RSD	.1768395	.1158956	.3720189	.4047694	.0860169

#1	2167.884	41084.72	9179.686	1489.391	2772.547
#2	2174.833	41108.58	9244.761	1496.103	2774.483
#3	2174.197	41176.58	9230.994	1484.068	2769.741

Sample Name: CA 250PPM Acquired: 02/16/2021 16:24:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001663	-.003484	-.000290	.0071612	.0056167	.1004555
Stddev	.001777	.002846	.003313	.0002938	.0018962	.0076236
%RSD	106.8557	81.68403	1142.918	4.102517	33.76057	7.588993

#1	-.003317	-.001543	.001464	.0069847	.0066087	.1087913
#2	-.001889	-.006751	-.004111	.0075003	.0034303	.0987380
#3	.000216	-.002158	.001778	.0069985	.0068112	.0938372

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004786	-.000158	-.000060	F 271.6028	.0015735	-.001858
Stddev	.000871	.000099	.000022	.1572	.0005943	.000044
%RSD	18.20346	62.62940	36.21330	.0578615	37.76961	2.354323

#1	-.004643	-.000052	-.000048	271.7675	.0008886	-.001908
#2	-.003995	-.000174	-.000085	271.4545	.0019526	-.001838
#3	-.005719	-.000247	-.000046	271.5863	.0018794	-.001828

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003417	.0608046	.0004118	.0164582	.0017297	.0009721
Stddev	.000417	.0105164	.0001392	.0284087	.0002998	.0001024
%RSD	12.20620	17.29547	33.79204	172.6118	17.33182	10.53080

#1	-.003799	.0516250	.0002615	.0480328	.0019859	.0009576
#2	-.003480	.0722789	.0005361	.0083739	.0018031	.0010809
#3	-.002972	.0585099	.0004378	-.007032	.0014000	.0008777

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.571098	.0008962	.0009499	-.187370	.0018501	.0041033
Stddev	.167183	.0014180	.0005856	.020173	.0024571	.0004765
%RSD	29.27404	158.2224	61.64539	10.76616	132.8050	11.61364

#1	-.751427	.0004979	.0007174	-.167886	-.000883	.0045914
#2	-.421257	.0024707	.0016160	-.186057	.002556	.0040791
#3	-.540609	-.000280	.0005163	-.208167	.003877	.0036393

Sample Name: CA 250PPM Acquired: 02/16/2021 16:24:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001475	-.011050	.0021279	-.000116	-.008613	-.006820
Stddev	.000253	.001963	.0002422	.000669	.000891	.000740
%RSD	17.13848	17.76263	11.38392	578.3248	10.34975	10.85716

#1	-.001437	-.012295	.0018600	.000222	-.007803	-.006753
#2	-.001242	-.012068	.0023315	-.000887	-.009568	-.007591
#3	-.001744	-.008788	.0021922	.000317	-.008467	-.006115

Elem	Sr4077
Units	ppm
Avg	.0006748
Stddev	.0000626
%RSD	9.284019

#1	.0006328
#2	.0006447
#3	.0007468

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.223	40199.99	9119.879	1445.338	2637.265
Stddev	4.344	196.87	71.470	12.744	4.000
%RSD	.2076425	.4897320	.7836765	.8817020	.1516704

#1	2093.378	39984.63	9040.167	1430.627	2638.988
#2	2095.874	40244.62	9178.243	1452.389	2640.115
#3	2087.418	40370.71	9141.226	1452.999	2632.692

Sample Name: MG 250PPM Acquired: 02/16/2021 16:28:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003646	-.001467	-.001808	.0074146	.0015550	.0153795
Stddev	.0048722	.000511	.000107	.0026534	.0007742	.0054064
%RSD	1336.235	34.81914	5.920216	35.78706	49.78458	35.15316

#1	-.004476	-.000886	-.001730	.0067569	.0024263	.0208323
#2	.000303	-.001848	-.001930	.0103350	.0012926	.0100208
#3	.005268	-.001667	-.001764	.0051518	.0009462	.0152852

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004517	-.000157	-.000143	.1072372	-.000201	.0002895
Stddev	.000960	.000178	.000129	.0011108	.000169	.0003450
%RSD	21.24420	113.7509	89.56281	1.035835	83.81364	119.1546

#1	-.005585	.000048	-.000268	.1081672	-.000009	.0004189
#2	-.004237	-.000279	-.000012	.1060072	-.000325	-.000101
#3	-.003729	-.000240	-.000150	.1075373	-.000269	.000551

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003670	.0172151	-.000029	F 254.5558	.0005990	.0009086
Stddev	.001603	.0030996	.000667	.9758	.0002553	.0005120
%RSD	43.67128	18.00486	2327.123	.3833431	42.61803	56.34586

#1	-.001820	.0141898	.000732	253.7896	.0008223	.0005265
#2	-.004575	.0170716	-.000303	254.2234	.0003207	.0014903
#3	-.004616	.0203839	-.000515	255.6544	.0006540	.0007090

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.469191	.0014497	.0019622	-.182504	.0010126	.0029103
Stddev	.149978	.0034831	.0008180	.032073	.0031475	.0004400
%RSD	31.96518	240.2659	41.68562	17.57379	310.8410	15.11761

#1	-.489001	.0051946	.0022751	-.148479	-.001902	.0032890
#2	-.310293	-.001693	.0025776	-.212182	.004350	.0024277
#3	-.608280	.000848	.0010340	-.186851	.000589	.0030142

Sample Name: MG 250PPM Acquired: 02/16/2021 16:28:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001205	-.000810	-.000205	-.004172	.0004340	-.011173
Stddev	.000556	.003687	.002128	.000899	.0014722	.001045
%RSD	46.17834	455.3707	1037.268	21.54911	339.1789	9.353316

#1	-.001513	-.005003	.002170	-.005142	.0017142	-.009977
#2	-.000562	.001923	-.001937	-.004006	-.001175	-.011631
#3	-.001538	.000651	-.000849	-.003367	.000763	-.011910

Elem	Sr4077
Units	ppm
Avg	.0001275
Stddev	.0001035
%RSD	81.21019

#1	.0002392
#2	.0001082
#3	.0000349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.998	40567.07	9184.186	1474.949	2639.474
Stddev	2.097	39.59	7.490	6.705	1.688
%RSD	.0992379	.0975879	.0815551	.4546054	.0639387

#1	2110.625	40579.86	9181.382	1482.600	2637.525
#2	2114.601	40522.67	9178.502	1472.157	2640.465
#3	2113.768	40598.68	9192.673	1470.092	2640.431

Sample Name: AL 250PPM Acquired: 02/16/2021 16:33:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000126	-.002749	.0003684	.0001802	.0067351	F 236.7135
Stddev	.003289	.001204	.0013230	.0063683	.0017977	.7646
%RSD	2614.549	43.78310	359.1097	3533.833	26.69104	.3230275

#1	.002208	-.002285	.0018226	.0002755	.0053476	235.8672
#2	.001302	-.004116	-.000764	-.006235	.0087659	237.3546
#3	-.003888	-.001847	.000047	.006500	.0060917	236.9186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004220	-.000204	-.000639	.0504334	.0012068	.0003879
Stddev	.000368	.000138	.000109	.0049659	.0002676	.0003949
%RSD	8.718656	67.52960	17.13171	9.846372	22.17059	101.8099

#1	-.003908	-.000164	-.000693	.0559439	.0008986	.0004549
#2	-.004626	-.000090	-.000711	.0490510	.0013429	.0007449
#3	-.004126	-.000357	-.000513	.0463052	.0013790	-.000036

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003520	-.015859	.0006674	.0476454	.0015917	.0010553
Stddev	.003102	.004902	.0002122	.0156647	.0002461	.0006081
%RSD	88.14715	30.90880	31.79372	32.87770	15.46170	57.62445

#1	-.006980	-.011662	.0009100	.0309529	.0013102	.0004604
#2	-.002590	-.021246	.0005165	.0620252	.0016993	.0016758
#3	-.000988	-.014668	.0005757	.0499581	.0017658	.0010298

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.412808	-.000852	.0010284	-.212961	.0042876	.0025244
Stddev	.384618	.000406	.0006767	.061895	.0023158	.0014029
%RSD	93.17112	47.64654	65.80065	29.06383	54.01096	55.57146

#1	-.662194	-.000960	.0013803	-.237900	.0054855	.0025034
#2	.030139	-.000403	.0014566	-.142488	.0057591	.0011322
#3	-.606369	-.001193	.0002482	-.258496	.0016183	.0039377

Sample Name: AL 250PPM Acquired: 02/16/2021 16:33:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001807	.0018884	.0057316	-.004295	.0001586	-.010819
Stddev	.000337	.0045544	.0016655	.000757	.0003799	.001870
%RSD	18.63702	241.1720	29.05756	17.62518	239.4750	17.28283

#1	-.002187	.0069111	.0045524	-.003852	-.000168	-.012480
#2	-.001687	-.001973	.0076368	-.005169	.000069	-.008794
#3	-.001546	.000727	.0050056	-.003863	.000575	-.011184

Elem	Sr4077
Units	ppm
Avg	.0090315
Stddev	.0000860
%RSD	.9518671

#1	.0090276
#2	.0089476
#3	.0091194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.646	40894.64	9381.115	1515.001	2765.155
Stddev	4.174	39.55	25.908	4.181	1.181
%RSD	.1905518	.0967063	.2761678	.2759622	.0427086

#1	2195.461	40867.33	9401.179	1512.800	2765.341
#2	2188.431	40876.61	9390.300	1512.380	2763.891
#3	2188.045	40939.99	9351.866	1519.822	2766.231

Sample Name: MN 50PPM Acquired: 02/16/2021 16:37:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000806	-.006677	.0020439	.0335880	.0033140	.0288822
Stddev	.000872	.003637	.0019302	.0008407	.0018915	.0004188
%RSD	108.1394	54.46975	94.43616	2.502885	57.07691	1.450083

#1	.000170	-.010629	.0020671	.0326668	.0027961	.0283994
#2	-.001507	-.005931	.0001022	.0343138	.0054104	.0290995
#3	-.001082	-.003471	.0039624	.0337834	.0017353	.0291477

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004280	-.002480	.0000287	.0782756	.0097828	.0005083
Stddev	.000233	.000175	.0000556	.0105765	.0007131	.0001278
%RSD	5.439722	7.069437	193.8387	13.51191	7.289534	25.13826

#1	-.004017	-.002305	-.000021	.0821933	.0091620	.0004768
#2	-.004462	-.002655	.000089	.0863344	.0096247	.0006490
#3	-.004360	-.002479	.000018	.0662992	.0105617	.0003993

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006204	.0140396	F 56.73128	-.139893	.0018164	-.000657
Stddev	.001711	.0056949	.21915	.010370	.0004938	.000557
%RSD	27.57817	40.56326	.3862984	7.412557	27.18789	84.74448

#1	-.008032	.0137103	56.52061	-.129202	.0013913	-.000221
#2	-.004642	.0198921	56.95803	-.149909	.0016997	-.001284
#3	-.005938	.0085165	56.71521	-.140568	.0023581	-.000466

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.437577	.0119287	.0008745	-.302355	-.001004	.0026782
Stddev	.042816	.0018585	.0014289	.065575	.000806	.0010355
%RSD	9.784746	15.57967	163.3956	21.68795	80.21775	38.66389

#1	-.431292	.0138096	.0004899	-.359093	-.001874	.0023203
#2	-.398251	.0118830	-.000323	-.317411	-.000857	.0038452
#3	-.483187	.0100935	.002456	-.230562	-.000283	.0018691

Sample Name: MN 50PPM Acquired: 02/16/2021 16:37:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002861	-.015624	.0046069	-.003910	.0013012	-.013824
Stddev	.000267	.005722	.0004926	.000553	.0007471	.002385
%RSD	9.324225	36.62116	10.69218	14.15193	57.41331	17.25198

#1	-.002554	-.015720	.0040381	-.004444	.0020917	-.016251
#2	-.002999	-.009855	.0048871	-.003339	.0012050	-.011484
#3	-.003031	-.021296	.0048953	-.003948	.0006069	-.013738

Elem	Sr4077
Units	ppm
Avg	-.000018
Stddev	.000069
%RSD	388.3803

#1	.000021
#2	-.000097
#3	.000023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.315	41635.87	9283.151	1529.835	2831.826
Stddev	5.204	117.08	55.218	3.939	7.618
%RSD	.2369207	.2811938	.5948222	.2574876	.2690149

#1	2190.591	41554.55	9341.594	1532.600	2823.154
#2	2197.594	41770.06	9231.853	1531.581	2834.885
#3	2200.760	41583.00	9276.006	1525.325	2837.438

Sample Name: CR 50PPM Acquired: 02/16/2021 16:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010921	.0119841	-.005185	.0132536	.0030953	-.000893
Stddev	.0045321	.0027824	.001009	.0071094	.0034383	.015481
%RSD	414.9771	23.21743	19.45785	53.64130	111.0821	1734.390

#1	.0000206	.0090624	-.006043	.0123988	-.000067	-.000412
#2	-.002808	.0122874	-.005438	.0207518	.006755	.014343
#3	.006064	.0146023	-.004074	.0066103	.002598	-.016609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003693	-.000513	-.002411	.0090061	F 48.42237	.0013820
Stddev	.000345	.000052	.000089	.0127960	.18134	.0001723
%RSD	9.336125	10.09475	3.682620	142.0806	.3744922	12.46725

#1	-.003911	-.000505	-.002512	-.004710	48.26095	.0012292
#2	-.003295	-.000466	-.002346	.020623	48.38759	.0015688
#3	-.003871	-.000568	-.002375	.011106	48.61858	.0013479

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004545	.0065700	.0035573	-.024386	-.000339	.0007827
Stddev	.000832	.0007739	.0005089	.036282	.000759	.0004484
%RSD	18.30057	11.77962	14.30582	148.7784	223.7551	57.29222

#1	-.004245	.0074162	.0041403	-.004448	-.001193	.0012757
#2	-.003905	.0063956	.0033296	-.002446	-.000087	.0003992
#3	-.005485	.0058981	.0032020	-.066265	.000261	.0006731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.382044	-.005703	-.000151	-.258549	.0046486	.0013063
Stddev	.103061	.002516	.001513	.004933	.0010402	.0010449
%RSD	26.97614	44.12284	1001.286	1.908122	22.37734	79.99344

#1	-.458118	-.008333	-.001680	-.257414	.0047504	.0012695
#2	-.264754	-.005457	-.000120	-.254281	.0035613	.0002802
#3	-.423260	-.003319	.001346	-.263951	.0056343	.0023691

Sample Name: CR 50PPM Acquired: 02/16/2021 16:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003539	-.005786	-.000884	-.005925	-.001676	-.012762
Stddev	.0005373	.003030	.000863	.000561	.001549	.000689
%RSD	151.8141	52.37147	97.63815	9.466562	92.42996	5.396494
#1	.0009223	-.002405	-.000166	-.006542	.000047	-.013546
#2	.0002851	-.008258	-.001842	-.005786	-.002954	-.012254
#3	-.000146	-.006694	-.000645	-.005446	-.002121	-.012487

Elem	Sr4077
Units	ppm
Avg	.0002226
Stddev	.0000145
%RSD	6.524096
#1	.0002276
#2	.0002062
#3	.0002339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.934	41606.48	9288.500	1312.999	2854.855
Stddev	5.511	53.36	53.406	2.020	5.007
%RSD	.2813206	.1282557	.5749641	.1538521	.1753928
#1	1956.466	41664.13	9250.728	1311.296	2857.016
#2	1965.248	41596.48	9265.170	1315.231	2858.419
#3	1955.089	41558.82	9349.601	1312.470	2849.130

Sample Name: V 50PPM Acquired: 02/16/2021 16:45:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043253	-.002439	-.005909	.0123059	-.006092	-.008825
Stddev	.0015630	.099393	.000964	.0031270	.007381	.003029
%RSD	36.13640	4075.245	16.31171	25.41078	121.1562	34.32652

#1	.0033615	-.058882	-.006714	.0159137	-.012056	-.008013
#2	.0034858	-.060761	-.006173	.0103750	-.008382	-.012178
#3	.0061287	.112326	-.004841	.0106290	.002162	-.006284

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003800	-.000037	-.000102	.0593829	.0074834	.0007531
Stddev	.000593	.000059	.000116	.0052167	.0004102	.0001022
%RSD	15.59590	159.5061	114.0452	8.784845	5.481460	13.57419

#1	-.003119	-.000094	-.000209	.0646605	.0075938	.0006530
#2	-.004082	-.000038	.000022	.0542293	.0078271	.0007491
#3	-.004199	.000023	-.000118	.0592590	.0070293	.0008573

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013186	.0002317	.0004874	-.036898	.0019814	-.001342
Stddev	.003636	.0053575	.0006195	.011691	.0008324	.000138
%RSD	27.57362	2311.913	127.1067	31.68492	42.01227	10.28796

#1	-.009901	.0063666	.0010816	-.048674	.0015924	-.001455
#2	-.017093	-.003525	-.000155	-.025294	.0014147	-.001188
#3	-.012564	-.002146	.000535	-.036725	.0029371	-.001382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.552582	F 47.85896	-.002235	-.225695	.0028815	-.000575
Stddev	.229852	.04739	.000882	.082338	.0032242	.000421
%RSD	41.59600	.0990111	39.46316	36.48188	111.8924	73.23349

#1	-.289232	47.88946	-.001945	-.206254	.0003819	-.001021
#2	-.655670	47.88305	-.001535	-.316014	.0017419	-.000185
#3	-.712843	47.80437	-.003226	-.154818	.0065208	-.000519

Sample Name: V 50PPM Acquired: 02/16/2021 16:45:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003302	-.012977	.0002561	-.004020	-.021006	-.014625
Stddev	.000162	.004819	.0011068	.000143	.001923	.002095
%RSD	4.900902	37.13742	432.1571	3.564451	9.152910	14.32601

#1	-.003479	-.008007	-.000002	-.003855	-.022863	-.014520
#2	-.003163	-.017630	-.000699	-.004105	-.019023	-.012584
#3	-.003263	-.013294	.001469	-.004101	-.021133	-.016770

Elem	Sr4077
Units	ppm
Avg	-.000010
Stddev	.000045
%RSD	448.9698

#1	.000031
#2	-.000058
#3	-.000003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.632	41936.39	9355.549	1524.383	2950.424
Stddev	131.779	126.96	40.361	4.021	170.725
%RSD	5.790872	.3027500	.4314129	.2637789	5.786464

#1	2198.550	41847.96	9316.580	1526.245	2848.863
#2	2200.553	41879.35	9352.894	1519.768	2854.879
#3	2427.793	42081.87	9397.171	1527.135	3147.530

Sample Name: CO 50PPM Acquired: 02/16/2021 16:49:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012834	-.014842	-.003365	-.018089	-.000777	-.015371
Stddev	.0025084	.001932	.001362	.003343	.000301	.007103
%RSD	195.4437	13.01631	40.47095	18.48097	38.72851	46.20776

#1	.0022211	-.012985	-.004786	-.014859	-.000439	-.022045
#2	.0031879	-.014700	-.002071	-.017873	-.001016	-.016163
#3	-.001559	-.016841	-.003238	-.021535	-.000876	-.007906

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003840	-.000013	-.000063	.0128814	.0072420	F 49.19183
Stddev	.000579	.000030	.000150	.0132845	.0002486	.06344
%RSD	15.07844	226.8811	237.1805	103.1289	3.432752	.1289574

#1	-.004261	-.000045	-.000128	.0149816	.0070986	49.19351
#2	-.004079	.000014	.000108	-.001328	.0075290	49.12756
#3	-.003180	-.000008	-.000170	.024991	.0070982	49.25440

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001082	.0041113	.0000902	-.054259	-.000375	.0006243
Stddev	.002924	.0060516	.0002782	.018295	.000487	.0001310
%RSD	270.1048	147.1933	308.2625	33.71850	129.9081	20.98953

#1	-.001146	.0018196	-.000226	-.034208	-.000937	.0004771
#2	-.003974	-.000460	.000197	-.070046	-.000092	.0007281
#3	.001872	.010974	.000299	-.058522	-.000095	.0006678

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.615120	.0038864	.0003416	-.209916	.0066063	.0052467
Stddev	.225493	.0001552	.0015719	.035640	.0010839	.0015406
%RSD	36.65837	3.993264	460.0747	16.97819	16.40667	29.36348

#1	-.764583	.0040369	-.000369	-.222732	.0070481	.0068133
#2	-.355746	.0038953	-.000749	-.169640	.0073996	.0051933
#3	-.725031	.0037269	.002143	-.237375	.0053713	.0037335

Sample Name: CO 50PPM Acquired: 02/16/2021 16:49:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001159	.0209664	.0035265	-.002028	-.012134	-.014040
Stddev	.000255	.0042844	.0011168	.001377	.000247	.000439
%RSD	21.96730	20.43468	31.66976	67.92323	2.035061	3.129974

#1	-.001071	.0210060	.0039293	-.002951	-.012387	-.014470
#2	-.000960	.0166624	.0043861	-.002687	-.011894	-.013592
#3	-.001446	.0252309	.0022641	-.000445	-.012120	-.014057

Elem	Sr4077
Units	ppm
Avg	-.000057
Stddev	.000040
%RSD	70.99146

#1	-.000013
#2	-.000093
#3	-.000065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.392	41654.24	9288.986	1504.961	2866.282
Stddev	1.470	57.56	81.063	5.969	3.296
%RSD	.0674288	.1381860	.8726745	.3966025	.1149860

#1	2179.452	41714.42	9219.109	1499.143	2863.760
#2	2182.086	41599.72	9269.990	1511.070	2870.011
#3	2179.638	41648.57	9377.860	1504.669	2865.075

Sample Name: CU 50PPM Acquired: 02/16/2021 16:53:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011588	.0013549	.0026741	.0029114	.0051789	.0017049
Stddev	.0063330	.0034871	.0030667	.0022461	.0012258	.0088900
%RSD	546.5168	257.3761	114.6830	77.14946	23.66892	521.4429

#1	.0075144	-.000366	.0043502	.0005822	.0060954	.0011312
#2	.0011134	-.000937	-.000865	.0050641	.0056549	.0108678
#3	-.005151	.005368	.004537	.0030878	.0037865	-.006884

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003158	-.000183	.0001548	.0119598	.0009301	.0062489
Stddev	.000220	.000028	.0000625	.0025943	.0000980	.0002164
%RSD	6.965531	15.28574	40.37606	21.69220	10.54051	3.462276

#1	-.003341	-.000160	.0001811	.0132470	.0010380	.0060124
#2	-.003219	-.000174	.0000834	.0089736	.0008464	.0062973
#3	-.002914	-.000214	.0001998	.0136588	.0009060	.0064369

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.06438	.0122704	.0011198	-.008121	.0018050	.0007503
Stddev	.08023	.0082235	.0005161	.020307	.0003405	.0005329
%RSD	.1405998	67.01940	46.09198	250.0527	18.86530	71.03270

#1	56.99462	.0067990	.0016516	.008605	.0016217	.0001354
#2	57.15206	.0082849	.0010868	-.030717	.0021980	.0010797
#3	57.04647	.0217273	.0006210	-.002252	.0015955	.0010357

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.438720	.0012158	.0278662	-.220132	.0043672	-.000522
Stddev	.109658	.0017218	.0023013	.015313	.0141008	.000225
%RSD	24.99507	141.6202	8.258264	6.956070	322.8760	43.15467

#1	-.316994	.0007451	.0253350	-.202659	-.011898	-.000395
#2	-.529784	-.000222	.0298322	-.226522	.013136	-.000389
#3	-.469382	.003124	.0284314	-.231214	.011864	-.000782

Sample Name: CU 50PPM Acquired: 02/16/2021 16:53:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000488	.0125867	.0017861	-.000400	-.000274	-.013812
Stddev	.000034	.0042556	.0012588	.001029	.000724	.002782
%RSD	7.046254	33.81018	70.47376	257.4263	264.3613	20.14106

#1	-.000524	.0122411	.0003492	-.000789	-.000047	-.011968
#2	-.000455	.0170045	.0023153	-.001178	-.001085	-.012456
#3	-.000486	.0085144	.0026939	.000767	.000309	-.017012

Elem	Sr4077
Units	ppm
Avg	-.000049
Stddev	.000129
%RSD	266.6533

#1	-.000177
#2	-.000050
#3	.000082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.489	41690.21	9310.575	1514.863	2845.220
Stddev	2.021	73.77	28.372	9.252	1.903
%RSD	.0924587	.1769597	.3047277	.6107748	.0668682

#1	2185.265	41619.24	9329.121	1504.497	2847.314
#2	2187.612	41766.50	9277.914	1517.811	2843.598
#3	2183.589	41684.89	9324.691	1522.283	2844.747

Sample Name: PB 50PPM Acquired: 02/16/2021 16:58:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011816	-.000057	F 49.70430	.0017117	.0028230	-.000808
Stddev	.0034107	.003020	.04487	.0076258	.0013964	.003258
%RSD	288.6436	5294.850	.0902837	445.5232	49.46410	403.0923

#1	.0051023	-.003209	49.65630	.0101940	.0025110	-.000404
#2	-.001101	.000226	49.71137	-.000483	.0043489	.002229
#3	-.000456	.002811	49.74521	-.004576	.0016090	-.004249

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003970	-.000100	.0000356	.0041138	.0002795	.0006968
Stddev	.000344	.000087	.0000931	.0033871	.0000777	.0002788
%RSD	8.667492	86.70525	261.5761	82.33542	27.80903	40.01646

#1	-.004273	-.000112	.0000966	.0079188	.0003690	.0009495
#2	-.003596	-.000008	.0000818	.0029951	.0002285	.0003977
#3	-.004042	-.000181	-.000072	.0014276	.0002410	.0007431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035880	.0045917	.0007285	-.014500	.0093327	.0009821
Stddev	.0023312	.0100544	.0000238	.010113	.0006238	.0003045
%RSD	64.97191	218.9677	3.271010	69.74623	6.684517	31.00741

#1	.0062264	-.003625	.0007028	-.009244	.0094228	.0012210
#2	.0018066	.015803	.0007328	-.026158	.0086687	.0010861
#3	.0027309	.001597	.0007498	-.008097	.0099066	.0006392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.378023	.0003678	.0014582	-.174204	.0046360	.0003406
Stddev	.094008	.0030639	.0019174	.071256	.0020272	.0007037
%RSD	24.86842	833.1534	131.4930	40.90359	43.72646	206.5996

#1	-.378770	.0001193	.0008844	-.249666	.0051703	.0001732
#2	-.283644	-.002564	.0035970	-.164873	.0023952	.0011129
#3	-.471656	.003548	-.000107	-.108074	.0063425	-.000264

Sample Name: PB 50PPM Acquired: 02/16/2021 16:58:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001502	-.002992	.0010582	-.004686	.0003046	-.014625
Stddev	.000642	.004424	.0009812	.000983	.0011403	.000669
%RSD	42.70896	147.8407	92.72406	20.97333	374.3113	4.571147
#1	-.000839	-.003024	.0010108	-.005675	-.000770	-.014940
#2	-.002119	-.007400	.0020622	-.003710	.001501	-.013857
#3	-.001549	.001447	.0001016	-.004674	.000183	-.015077

Elem	Sr4077
Units	ppm
Avg	-.000004
Stddev	.000066
%RSD	1591.401
#1	.000055
#2	-.000076
#3	.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.293	41696.39	9283.344	1515.477	2829.894
Stddev	4.008	121.34	93.715	2.141	2.730
%RSD	.1828120	.2910087	1.009498	.1412854	.0964835
#1	2190.723	41582.77	9373.830	1513.177	2827.338
#2	2196.848	41682.19	9289.500	1515.841	2832.770
#3	2189.308	41824.20	9186.703	1517.413	2829.575

Sample Name: CCV001 Acquired: 02/16/2021 17:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.109692	4.916120	24.92829	5.061942	5.098883	410.7936
Stddev	.021766	.025141	.06819	.037035	.012358	2.4561
%RSD	.4259799	.5114062	.2735287	.7316432	.2423663	.5978859

#1	5.130865	4.942581	24.90444	5.103459	5.110567	410.0965
#2	5.110832	4.913230	24.87524	5.050066	5.085946	413.5229
#3	5.087378	4.892548	25.00520	5.032302	5.100135	408.7615

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.70329	.5161610	2.525195	430.2289	15.54784	2.525601
Stddev	.03320	.0020889	.003638	.7586	.03780	.003678
%RSD	.3101920	.4046909	.1440656	.1763178	.2431518	.1456310

#1	10.74162	.5140692	2.524931	431.0391	15.50420	2.524592
#2	10.68342	.5161668	2.521696	429.5356	15.57061	2.522533
#3	10.68483	.5182469	2.528958	430.1120	15.56872	2.529679

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.40227	408.5381	16.15382	409.8191	2.471603	1.323049
Stddev	.03519	1.9205	.01811	2.0458	.006370	.007320
%RSD	.2145605	.4700992	.1120917	.4991952	.2577407	.5532633

#1	16.42694	407.6239	16.16261	408.6724	2.474376	1.317167
#2	16.36197	407.2454	16.16586	408.6039	2.464316	1.320734
#3	16.41790	410.7449	16.13300	412.1811	2.476116	1.331247

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.6739	2.631591	16.34743	159.8263	5.135563	5.445225
Stddev	1.2490	.013656	.11981	.2334	.031561	.023162
%RSD	.3056205	.5189278	.7329102	.1460080	.6145572	.4253707

#1	409.2714	2.626792	16.48496	159.9065	5.167207	5.418481
#2	407.2385	2.620983	16.26569	159.5634	5.135397	5.458357
#3	409.5120	2.646999	16.29163	160.0089	5.104086	5.458837

Sample Name: CCV001 Acquired: 02/16/2021 17:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923460	5.130980	5.279447	4.856533	5.417730	F 5.568641
Stddev	.008415	.016804	.030949	.006569	.020430	.024576
%RSD	.1709219	.3275083	.5862248	.1352606	.3770870	.4413291

#1	4.915143	5.138795	5.250859	4.855970	5.417102	5.580502
#2	4.931970	5.111691	5.275171	4.850263	5.397622	5.540385
#3	4.923268	5.142454	5.312313	4.863365	5.438467	5.585037

Elem	Sr4077
Units	ppm
Avg	5.487464
Stddev	.033426
%RSD	.6091334

#1	5.458450
#2	5.479928
#3	5.524015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.840	37727.38	8875.884	1294.848	2205.416
Stddev	2.472	53.21	8.740	10.461	3.870
%RSD	.1315524	.1410381	.0984739	.8079150	.1754839

#1	1876.973	37712.20	8883.028	1284.005	2203.702
#2	1877.904	37683.41	8878.487	1295.657	2209.847
#3	1881.643	37786.53	8866.138	1304.880	2202.699

Sample Name: CCB001 Acquired: 02/16/2021 17:06:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024965	.0001440	-.002809	.0045922	.0009733	-.005285
Stddev	.0031368	.0029552	.001372	.0030575	.0022000	.012698
%RSD	125.6494	2051.634	48.86268	66.57901	226.0373	240.2892

#1	.0059233	.0031255	-.003057	.0011242	-.001530	.009372
#2	-.000233	-.002784	-.004040	.0068986	.002598	-.012260
#3	.001799	.000091	-.001329	.0057539	.001852	-.012966

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003623	-.000101	-.000108	.0007031	.0000220	.0004919
Stddev	.000397	.000033	.000198	.0030989	.0004421	.0002748
%RSD	10.94550	32.81123	184.1965	440.7793	2005.610	55.86839

#1	-.003166	-.000140	-.000156	-.002801	-.000063	.0008058
#2	-.003878	-.000082	-.000277	.001827	-.000371	.0003757
#3	-.003825	-.000082	.000110	.003083	.000501	.0002943

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022663	.0054298	-.000070	-.005441	.0011668	.0006210
Stddev	.0015197	.0037428	.000319	.024424	.0005128	.0003328
%RSD	67.05840	68.93140	452.5354	448.8544	43.95328	53.58775

#1	.0034381	.0095084	.000153	.008960	.0017065	.0003552
#2	.0005491	.0021526	.000071	-.033642	.0011079	.0005135
#3	.0028116	.0046283	-.000436	.008358	.0006859	.0009942

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.145065	-.001208	-.001151	-.069594	.0001068	F .0131255
Stddev	.241744	.001427	.001320	.011032	.0033810	.0015225
%RSD	166.6450	118.1336	114.7140	15.85176	3167.180	11.59953

#1	-.307667	-.000217	-.002468	-.080581	.0028127	.0143515
#2	-.260259	-.000564	-.001158	-.058518	-.003683	.0114213
#3	.132731	-.002844	.000173	-.069682	.001191	.0136037

Sample Name: CCB001 Acquired: 02/16/2021 17:06:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000065	-.006485	.0014738	-.002990	.0001491	-.006151
Stddev	.000603	.005674	.0010508	.001210	.0005411	.002272
%RSD	930.7351	87.49261	71.29846	40.47399	362.9277	36.93978
#1	.000476	.000066	.0005049	-.003639	.0005131	-.006086
#2	.000044	-.009801	.0013258	-.003736	.0004069	-.003911
#3	-.000714	-.009720	.0025908	-.001593	-.000473	-.008454

Elem	Sr4077
Units	ppm
Avg	.0000357
Stddev	.0000233
%RSD	65.42218
#1	.0000129
#2	.0000596
#3	.0000345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.642	41799.43	9228.440	1525.434	2835.950
Stddev	2.445	122.43	41.512	11.841	2.100
%RSD	.1116807	.2929047	.4498217	.7762580	.0740564
#1	2191.525	41725.22	9244.025	1513.636	2834.479
#2	2190.525	41940.75	9181.391	1537.318	2838.355
#3	2186.878	41732.33	9259.902	1525.349	2835.015

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)	Correlation
As 189.042 {479}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.001002	0.037116	0.000000	1.000000	0.999707
Tl 190.856 {477}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.002733	0.061707	0.000000	1.000000	0.999865
Pb 220.353 {453}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.000396	0.145094	0.000000	1.000000	0.999960
Se 196.090 {472}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.001009	0.037578	0.000000	1.000000	0.999944
Sb 206.833 {463}	02/17/2021 10:11:13	02/16/2021 11:45:09	Curvili	1/Conc	0.000912	0.128128	0.000959	1.000000	0.999972
Al 396.152 { 85}	02/17/2021 10:11:13	02/16/2021 11:49:34	Linear	1/Conc	0.001003	0.078632	0.000000	1.000000	0.999319
Ba 493.409 { 68}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.013903	2.836655	0.000000	1.000000	0.999874
Be 234.861 {144}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.004665	2.693071	0.000000	1.000000	0.999692
Cd 214.438 {457}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.000355	1.998937	0.000000	1.000000	0.999985
Ca 373.690 { 90}	02/17/2021 10:11:13	02/16/2021 11:49:34	Linear	1/Conc	0.001067	0.049777	0.000000	1.000000	0.999857
Cr 267.716 {126}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.000038	0.145018	0.000000	1.000000	0.999751
Co 228.616 {448}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.001762	0.642438	0.000000	1.000000	0.999973
Cu 324.754 {104}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.002740	0.172697	0.000000	1.000000	0.999955
Fe 259.837 {130}	02/17/2021 10:11:13	02/16/2021 11:49:34	Linear	1/Conc	0.000202	0.026329	0.000000	1.000000	0.999877
Mn 257.610 {131}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.000476	0.522492	0.000000	1.000000	0.999783
Mg 279.079 {121}	02/17/2021 10:11:13	02/16/2021 11:49:34	Curvili	1/Conc	0.000066	0.009175	0.000001	1.000000	0.999888
Ni 231.604 {446}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.005346	0.598197	0.000000	1.000000	0.999978
Ag 328.068 {103}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.000820	0.189541	0.000000	1.000000	0.999846
Na 818.326 { 41}	02/17/2021 10:11:13	02/16/2021 11:49:34	Linear	1/Conc	0.002552	0.004134	0.000000	1.000000	0.999549
V 292.402 {115}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.000328	0.106192	0.000000	1.000000	0.999855
Zn 206.200 {464}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	3.269619	1304.5311	0.000000	1.000000	0.996178
Zn 213.856 {158}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.000215	0.306086	0.000000	1.000000	0.999477
K 769.896 { 44}	02/17/2021 10:11:13	02/16/2021 11:45:09	Curvili	1/Conc	0.022452	0.016843	0.000004	1.000000	0.999996
P 177.495 {490}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.001359	0.039151	0.000000	1.000000	0.999618
B 249.678 {135}	02/17/2021 10:11:13	02/16/2021 11:45:09	Full Fit	1/Conc	0.001147	0.177367	-0.000289	0.970000	0.999994
Mo 202.030 {467}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.001089	0.586334	0.000000	1.000000	0.999960
S 182.034 {485}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	-0.000139	0.019430	0.000000	1.000000	0.999089
Si 251.611 {134}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.003331	0.231187	0.000000	1.000000	0.999145
Sn 189.989 {478}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.000481	0.098556	0.000000	1.000000	0.999924
Ti 336.121 {100}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.000654	0.306204	0.000000	1.000000	0.999932
Li 670.784 { 50}	02/17/2021 10:11:13	02/16/2021 11:45:09	Full Fit	1/Conc	0.018826	0.758527	0.001566	1.030000	0.999967
Y 224.306 {450}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 360.073 { 94}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 371.030 { 91}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 224.306 {150}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
In 230.606 {446}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Sr 407.771 { 83}	02/17/2021 10:11:13	02/16/2021 11:45:09	Linear	1/Conc	0.000548	6.337730	0.000000	1.000000	0.999927

Sample Name: TI 50PPM Acquired: 02/16/2021 17:10:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034999	.0010880	-.004957	.0093776	.0069492	-.001072
Stddev	.0036000	.0035010	.002133	.0042106	.0012507	.005936
%RSD	102.8613	321.7947	43.02573	44.90089	17.99853	553.5425

#1	.0074185	-.002470	-.005820	.0138331	.0083538	-.002962
#2	.0003390	.004529	-.002528	.0088356	.0065379	-.005833
#3	.0027422	.001205	-.006523	.0054643	.0059558	.005579

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007211	-.000103	-.000232	.0101075	.0024162	-.001342
Stddev	.000283	.000120	.000021	.0139508	.0005482	.000170
%RSD	3.929406	117.2064	8.979214	138.0240	22.68863	12.65457

#1	-.006940	-.000112	-.000218	.0098905	.0028921	-.001167
#2	-.007505	-.000218	-.000256	.0241655	.0018168	-.001355
#3	-.007188	.000022	-.000221	-.003734	.0025398	-.001506

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009676	.0072105	.0002587	-.117254	.0013553	-.004353
Stddev	.001700	.0074295	.0002410	.010323	.0003332	.000320
%RSD	17.57041	103.0381	93.14097	8.803753	24.58793	7.344043

#1	-.011599	.0045101	.0005358	-.129146	.0010233	-.004224
#2	-.008376	.0015088	.0001425	-.112004	.0013527	-.004117
#3	-.009051	.0156125	.0000979	-.110610	.0016898	-.004717

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.370854	.0125685	-.003229	-.309085	.0044792	.0046453
Stddev	.094893	.0022222	.000635	.034190	.0029447	.0008490
%RSD	25.58776	17.68103	19.66259	11.06160	65.74099	18.27568

#1	-.477268	.0146834	-.003705	-.328234	.0044102	.0037065
#2	-.295023	.0127696	-.002508	-.329410	.0015696	.0048702
#3	-.340272	.0102525	-.003474	-.269612	.0074577	.0053592

Sample Name: TI 50PPM Acquired: 02/16/2021 17:10:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.005244	.0504421	.0015616	F 53.72773	-.012158
Stddev	.000407	.005089	.0119680	.0025638	.25872	.002221
%RSD	4112.096	97.05777	23.72617	164.1737	.4815331	18.27072

#1	-.000480	-.010864	.0384329	-.000182	53.53144	-.009594
#2	.000222	-.003920	.0505249	.000362	53.63085	-.013375
#3	.000228	-.000947	.0623684	.004505	54.02091	-.013505

Elem	Sr4077
Units	ppm
Avg	-.000012
Stddev	.000028
%RSD	233.8751

#1	-.000030
#2	.000020
#3	-.000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.230	41752.76	9264.355	1527.533	2860.975
Stddev	.925	126.61	5.894	.824	3.636
%RSD	.0419092	.3032466	.0636253	.0539477	.1270985

#1	2206.759	41882.72	9262.997	1528.275	2857.326
#2	2205.163	41629.78	9259.257	1527.677	2864.598
#3	2206.769	41745.76	9270.809	1526.646	2861.002

Sample Name: MO 50PPM Acquired: 02/16/2021 17:17:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031074	-.000899	-.003340	.0223162	-.023305	-.023752
Stddev	.0059051	.001570	.001382	.0051846	.000999	.012364
%RSD	190.0362	174.5935	41.36722	23.23261	4.286332	52.05581

#1	-.003690	.000066	-.004763	.0271873	-.022735	-.021868
#2	.006971	-.002711	-.002003	.0228946	-.022721	-.012438
#3	.006041	-.000053	-.003254	.0168666	-.024458	-.036950

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004088	-.000177	-.001898	-.008870	-.001529	-.004415
Stddev	.000404	.000130	.000072	.009562	.000640	.000618
%RSD	9.894474	73.68177	3.815342	107.7995	41.83626	13.99363

#1	-.004345	-.000027	-.001868	-.002176	-.002112	-.003972
#2	-.004297	-.000263	-.001981	-.019821	-.001629	-.004152
#3	-.003622	-.000240	-.001846	-.004612	-.000845	-.005121

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128026	-.005098	-.001663	-.511109	.0007570	.0007813
Stddev	.0016135	.004933	.000303	.006516	.0002314	.0002486
%RSD	12.60254	96.76472	18.22193	1.274788	30.57061	31.81139

#1	.0125108	-.004106	-.001953	-.518046	.0005086	.0009540
#2	.0113549	-.010452	-.001348	-.505118	.0007960	.0008935
#3	.0145420	-.000737	-.001689	-.510164	.0009664	.0004964

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.298158	-.021988	-.003225	-.268618	.0054752	.0091584
Stddev	.158107	.002928	.000525	.011113	.0002700	.0012184
%RSD	53.02779	13.31478	16.26420	4.137097	4.931527	13.30409

#1	-.318532	-.025026	-.003825	-.278476	.0054595	.0085433
#2	-.445091	-.021752	-.002999	-.270802	.0052134	.0083701
#3	-.130852	-.019185	-.002852	-.256575	.0057528	.0105618

Sample Name: MO 50PPM Acquired: 02/16/2021 17:17:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.36156	-.001660	.0114750	-.005067	.0117620	-.012238
Stddev	.03109	.008284	.0020426	.000896	.0004831	.001916
%RSD	.0656399	499.0992	17.80062	17.68494	4.107383	15.65752

#1	47.33008	.006632	.0098664	-.004846	.0118100	-.010702
#2	47.36236	-.009937	.0137731	-.006052	.0122193	-.011625
#3	47.39224	-.001675	.0107854	-.004301	.0112567	-.014385

Elem	Sr4077
Units	ppm
Avg	-.000005
Stddev	.000025
%RSD	532.5635

#1	-.000031
#2	.000019
#3	-.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.337	41991.62	9350.621	1523.540	2660.150
Stddev	9.885	101.71	66.724	5.314	2.227
%RSD	.4552569	.2422093	.7135790	.3488012	.0837215

#1	2164.328	41900.40	9377.053	1517.405	2661.589
#2	2167.040	42101.29	9274.730	1526.709	2657.585
#3	2182.644	41973.17	9400.080	1526.506	2661.278

Sample Name: BA 50PPM Acquired: 02/16/2021 17:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002330	-.000437	.0072613	.0044115	.0025126	-.002891
Stddev	.003347	.001773	.0007996	.0066301	.0008402	.001087
%RSD	143.6621	405.4879	11.01111	150.2909	33.43819	37.59136

#1	-.002674	.001606	.0071483	-.000689	.0034686	-.002127
#2	-.005491	-.001571	.0081113	.002018	.0018916	-.004135
#3	.001176	-.001347	.0065243	.011906	.0021776	-.002411

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.12994	-.000299	-.000181	.0070647	.0001497	-.007422
Stddev	.31231	.000092	.000179	.0009168	.0002319	.000595
%RSD	.6488895	30.92341	98.77767	12.97774	154.9120	8.012751

#1	47.77873	-.000271	-.000295	.0078052	.0004062	-.006869
#2	48.37642	-.000224	-.000273	.0073498	.0000880	-.007344
#3	48.23469	-.000402	.000025	.0060392	-.000045	-.008051

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003265	.0058346	-.000027	-.018978	.0031331	.0007177
Stddev	.000789	.0111878	.000235	.018349	.0002954	.0005042
%RSD	24.17680	191.7491	859.6539	96.68359	9.428876	70.24742

#1	-.003564	.0156187	-.000266	-.036282	.0034726	.0012991
#2	-.003861	.0082481	-.000022	.000262	.0029915	.0004017
#3	-.002370	-.006363	.000205	-.020914	.0029351	.0004523

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.119695	-.000245	.0017371	-.218747	.0013429	.0019199
Stddev	.181122	.000355	.0008876	.040142	.0028883	.0007828
%RSD	151.3195	144.8554	51.09684	18.35094	215.0790	40.77384

#1	-.325756	.000048	.0011594	-.179831	.0007924	.0019579
#2	-.047636	-.000641	.0027591	-.216399	-.001231	.0011188
#3	.014307	-.000143	.0012928	-.260012	.004467	.0026830

Sample Name: BA 50PPM Acquired: 02/16/2021 17:21:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101979	-.001374	.0019027	-.003611	.0006030	.0053662
Stddev	.0015397	.004482	.0010391	.001279	.0016111	.0029907
%RSD	15.09801	326.2742	54.61224	35.40972	267.1867	55.73299

#1	.0119647	-.002379	.0029876	-.004994	.0020034	.0054603
#2	.0094860	-.005267	.0018038	-.002472	.0009633	.0023295
#3	.0091430	.003526	.0009165	-.003366	-.001158	.0083087

Elem	Sr4077
Units	ppm
Avg	.0001053
Stddev	.0000906
%RSD	86.01155

#1	.0000019
#2	.0001704
#3	.0001437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.091	41590.04	9239.203	1524.200	2859.935
Stddev	3.379	78.43	30.881	4.450	3.566
%RSD	.1540195	.1885751	.3342424	.2919812	.1246743

#1	2196.760	41565.95	9204.190	1528.576	2862.528
#2	2195.221	41677.68	9262.560	1524.345	2861.409
#3	2190.291	41526.48	9250.859	1519.679	2855.869

Sample Name: BE 10PPM Acquired: 02/16/2021 17:25:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000878	.0032384	-.001417	.0020799	.0007143	-.003076
Stddev	.002031	.0013647	.001966	.0017797	.0021852	.004467
%RSD	231.1412	42.14088	138.7776	85.56950	305.9328	145.2090

#1	-.000015	.0038351	-.002958	.0020975	.0022205	.001246
#2	.000578	.0042030	.000797	.0002914	-.001792	-.007675
#3	-.003198	.0016770	-.002089	.0038507	.001714	-.002799

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028471	F 10.81087	-.000089	.0052170	.0000173	.0007359
Stddev	.0003700	.07396	.000147	.0081195	.0001306	.0002309
%RSD	12.99696	.6841499	165.0430	155.6341	755.8503	31.38155

#1	.0024586	10.89175	.000014	-.004150	-.000009	.0009723
#2	.0031953	10.74667	-.000257	.009554	-.000098	.0007244
#3	.0028874	10.79420	-.000024	.010247	.000159	.0005109

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003244	-.005531	-.000208	-.010049	.0006498	.0009181
Stddev	.001482	.011906	.000403	.014170	.0002593	.0003552
%RSD	45.68019	215.2433	193.3065	141.0094	39.91308	38.68786

#1	-.002616	-.001419	.000017	.006302	.0009408	.0013282
#2	-.002179	.003773	.000031	-.017698	.0004431	.0007061
#3	-.004936	-.018948	-.000674	-.018750	.0005655	.0007201

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.636325	.0011160	.0003480	-.272215	.0047362	.0018927
Stddev	.161418	.0009598	.0006980	.075282	.0034331	.0005486
%RSD	25.36722	86.00163	200.5759	27.65526	72.48579	28.98429

#1	-.453782	.0000748	.0001104	-.227418	.0038134	.0016224
#2	-.694976	.0013080	.0011338	-.359129	.0018588	.0025240
#3	-.760218	.0019653	-.000200	-.230097	.0085363	.0015318

Sample Name: BE 10PPM Acquired: 02/16/2021 17:25:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003175	-.002564	.0022248	-.003461	.0007451	-.012616
Stddev	.0003452	.002247	.0004723	.000852	.0003983	.001383
%RSD	108.7306	87.64583	21.22970	24.62073	53.44895	10.96519

#1	.0002609	-.004227	.0027691	-.003930	.0002916	-.011095
#2	.0006875	-.000007	.0019830	-.002477	.0010378	-.012953
#3	.0000041	-.003457	.0019224	-.003975	.0009059	-.013799

Elem	Sr4077
Units	ppm
Avg	-.000041
Stddev	.000024
%RSD	58.18016

#1	-.000023
#2	-.000033
#3	-.000069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.239	41997.92	9260.771	1531.330	2882.300
Stddev	3.265	30.45	27.501	11.598	1.801
%RSD	.1473217	.0724944	.2969616	.7573750	.0624847

#1	2213.068	41990.76	9230.392	1538.084	2884.275
#2	2219.591	42031.31	9283.969	1537.969	2881.876
#3	2216.058	41971.69	9267.952	1517.939	2880.749

Sample Name: CD 10PPM Acquired: 02/16/2021 17:29:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001881	-.001840	-.002046	.0090175	.0024359	-.002488
Stddev	.003139	.001786	.001543	.0021860	.0015018	.019469
%RSD	166.8734	97.06649	75.40560	24.24210	61.65331	782.4680

#1	-.001430	-.001404	-.001723	.0065134	.0008478	-.015291
#2	-.005221	-.003805	-.003724	.0105452	.0038332	.019917
#3	.001008	-.000313	-.000690	.0099938	.0026268	-.012091

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002536	.0008593	F 9.013822	-.002476	-.000661	.0007390
Stddev	.000304	.0001854	.013825	.005954	.000552	.0002378
%RSD	12.00419	21.56857	.1533788	240.4901	83.62183	32.17899

#1	-.002871	.0007011	9.004737	-.006332	-.000338	.0009373
#2	-.002460	.0010633	9.006997	.004381	-.001298	.0004754
#3	-.002277	.0008136	9.029733	-.005476	-.000345	.0008042

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003675	.0063812	-.000253	-.030199	.0009398	.0005589
Stddev	.000827	.0035816	.000226	.018324	.0005992	.0004131
%RSD	22.49679	56.12622	89.34162	60.67549	63.76481	73.91254

#1	-.002919	.0062942	-.000359	-.010584	.0011114	.0001823
#2	-.003547	.0100056	-.000407	-.046877	.0002735	.0004937
#3	-.004558	.0028440	.000007	-.033137	.0014345	.0010008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.460486	.0014445	.0001042	-.230741	.0020862	.0006727
Stddev	.071849	.0035816	.0017881	.096632	.0015140	.0007938
%RSD	15.60274	247.9459	1716.198	41.87888	72.57420	117.9886

#1	-.504237	.0023586	-.000622	-.219270	.0035361	.0006299
#2	-.499657	-.002506	-.001206	-.332597	.0022072	.0014871
#3	-.377565	.004480	.002141	-.140357	.0005153	-.000099

Sample Name: CD 10PPM Acquired: 02/16/2021 17:29:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000405	-.002669	.0018001	-.005673	.0008303	-.013957
Stddev	.000590	.001753	.0008791	.000184	.0016773	.001676
%RSD	145.7756	65.67879	48.83446	3.239744	202.0064	12.00558

#1	-.001082	-.001812	.0027612	-.005847	.0027666	-.012822
#2	-.000124	-.001509	.0016023	-.005481	-.000100	-.015881
#3	-.000007	-.004686	.0010368	-.005692	-.000175	-.013166

Elem	Sr4077
Units	ppm
Avg	-.000097
Stddev	.000078
%RSD	80.28343

#1	-.000171
#2	-.000106
#3	-.000015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.604	41734.78	9184.725	1517.018	2849.966
Stddev	6.736	143.73	33.146	3.571	3.028
%RSD	.3058330	.3443922	.3608777	.2354095	.1062582

#1	2203.531	41577.39	9183.064	1513.353	2847.902
#2	2195.453	41859.08	9218.670	1520.488	2848.554
#3	2208.829	41767.87	9152.441	1517.213	2853.443

Sample Name: TL 50PPM Acquired: 02/16/2021 17:33:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001306	F 48.15233	-.000956	.0042845	.0010091	-.006323
Stddev	.003713	.16911	.001239	.0071295	.0004234	.008179
%RSD	284.2301	.3511943	129.5730	166.4001	41.96176	129.3410

#1	-.001526	48.21659	-.002293	.0011429	.0009457	.002833
#2	-.004905	48.27989	-.000728	.0124453	.0014606	-.012905
#3	.002512	47.96051	.000153	-.000735	.0006209	-.008897

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003383	-.000067	.0009958	-.008203	-.000208	.0003910
Stddev	.001046	.000081	.0000769	.010617	.000300	.0004017
%RSD	30.93376	120.8472	7.720125	129.4275	144.0920	102.7535

#1	-.004498	-.000092	.0010072	-.015183	-.000031	-.000018
#2	-.002423	.000023	.0009139	-.013440	-.000554	.000407
#3	-.003227	-.000132	.0010664	.004015	-.000039	.000785

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004311	-.003062	.0000824	-.013034	.0073885	.0008224
Stddev	.001352	.002835	.0004503	.013525	.0003255	.0002780
%RSD	31.35750	92.58470	546.2451	103.7733	4.404924	33.80611

#1	-.004109	-.003473	.0005936	-.026996	.0073083	.0008381
#2	-.005752	-.000044	-.000091	-.012113	.0077466	.0005369
#3	-.003071	-.005668	-.000255	.000008	.0071107	.0010923

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.618006	-.000566	-.000539	-.224800	.0044577	.0005168
Stddev	.342903	.001950	.001503	.069900	.0009793	.0006710
%RSD	55.48533	344.6998	278.9270	31.09421	21.96827	129.8427

#1	-.306296	-.000515	-.001498	-.296401	.0042431	-.000085
#2	-.562415	.001358	.001193	-.156737	.0036035	.001240
#3	-.985308	-.002540	-.001312	-.221261	.0055264	.000395

Sample Name: TL 50PPM Acquired: 02/16/2021 17:33:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000803	-.004376	.0012882	-.004784	.0003284	.0065616
Stddev	.000148	.007324	.0015862	.000854	.0013906	.0003411
%RSD	18.41527	167.3492	123.1341	17.86007	423.3951	5.198268

#1	-.000635	-.001981	-.000529	-.005254	.0011466	.0062000
#2	-.000915	-.012598	.001997	-.003798	-.001277	.0066072
#3	-.000858	.001450	.002397	-.005301	.001116	.0068776

Elem	Sr4077
Units	ppm
Avg	-.000030
Stddev	.000003
%RSD	11.80744

#1	-.000034
#2	-.000028
#3	-.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.191	41877.68	9176.924	1531.654	2864.710
Stddev	4.331	159.16	51.164	15.691	5.565
%RSD	.1957626	.3800609	.5575261	1.024436	.1942484

#1	2210.249	41715.00	9203.252	1524.771	2862.107
#2	2217.153	42033.07	9209.563	1549.610	2871.099
#3	2209.172	41884.99	9117.958	1520.582	2860.924

Sample Name: NA 500PPM Acquired: 02/16/2021 17:38:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002173	-.001600	.0008108	.0055194	.0039466	.0396558
Stddev	.002269	.004366	.0007009	.0032615	.0010133	.0107048
%RSD	104.4240	272.8281	86.44254	59.09078	25.67448	26.99431

#1	-.000390	.003259	.0000302	.0024961	.0049035	.0338630
#2	-.004727	-.002866	.0013862	.0050864	.0028851	.0520087
#3	-.001402	-.005194	.0010160	.0089757	.0040513	.0330957

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003472	-.000182	-.000070	.0650031	.0009395	.0001206
Stddev	.000735	.000096	.000186	.0134407	.0006454	.0003718
%RSD	21.18276	52.81278	264.2398	20.67703	68.69351	308.3474

#1	-.002919	-.000071	-.000132	.0495637	.0009108	.0001684
#2	-.004306	-.000241	-.000218	.0713542	.0003089	.0004662
#3	-.003189	-.000235	.000139	.0740913	.0015986	-.000273

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003451	.0734743	.0003271	.0905922	.0012686	.0009621
Stddev	.002056	.0028964	.0001144	.0623537	.0004388	.0004998
%RSD	59.56838	3.942116	34.95824	68.82895	34.58658	51.95088

#1	-.005583	.0730416	.0002137	.0432106	.0017335	.0004259
#2	-.001481	.0708185	.0003253	.0673340	.0012105	.0014151
#3	-.003289	.0765627	.0004424	.1612321	.0008618	.0010453

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 541.5630	.0002230	.0005652	-.151116	.0065912	.0014440
Stddev	1.7383	.0007871	.0004655	.012211	.0012141	.0006499
%RSD	.3209742	352.9626	82.35223	8.080639	18.42037	45.00804

#1	541.7473	.0010982	.0007061	-.151552	.0070181	.0010753
#2	543.2017	-.000002	.0000456	-.163104	.0075341	.0021944
#3	539.7399	-.000427	.0009439	-.138693	.0052213	.0010622

Sample Name: NA 500PPM Acquired: 02/16/2021 17:38:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001106	-.003078	.0027499	-.005070	-.000293	-.006807
Stddev	.000502	.009075	.0011790	.001028	.002193	.002293
%RSD	45.40255	294.8437	42.87510	20.27957	747.6338	33.68004

#1	-.001509	-.003934	.0015294	-.004758	.002139	-.009231
#2	-.000543	.006395	.0028378	-.004234	-.002120	-.006517
#3	-.001267	-.011694	.0038824	-.006218	-.000899	-.004674

Elem	Sr4077
Units	ppm
Avg	-.000021
Stddev	.000017
%RSD	78.19399

#1	-.000007
#2	-.000017
#3	-.000039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.806	39942.42	9040.281	1473.907	2569.352
Stddev	5.480	176.18	62.392	8.609	5.116
%RSD	.2571948	.4410861	.6901533	.5840847	.1991242

#1	2131.639	39750.73	9031.733	1465.798	2572.837
#2	2135.822	40097.26	8982.604	1472.980	2571.740
#3	2124.957	39979.27	9106.506	1482.941	2563.478

Sample Name: ZN 50PPM Acquired: 02/16/2021 17:42:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023999	.0001043	.0095316	.0064647	.0005969	.0317119
Stddev	.0011073	.0008903	.0028101	.0014934	.0018015	.0083938
%RSD	46.13738	853.7598	29.48233	23.10086	301.8197	26.46910

#1	.0030866	.0001670	.0101506	.0051713	-.001470	.0227262
#2	.0029907	-.000816	.0119806	.0080991	.001835	.0330584
#3	.0011226	.000962	.0064636	.0061237	.001425	.0393510

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002092	-.000109	.0015807	.0687041	.0084674	.0007503
Stddev	.000820	.000104	.0000881	.0051419	.0001689	.0000350
%RSD	39.16996	95.32420	5.571610	7.484103	1.995064	4.661542

#1	-.001862	-.000185	.0016615	.0680198	.0083933	.0007880
#2	-.003003	.000009	.0015937	.0741538	.0086608	.0007189
#3	-.001413	-.000151	.0014868	.0639386	.0083483	.0007441

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199302	-.000973	.0118816	.0096264	.0096513	.0010335
Stddev	.0008732	.002371	.0001795	.0053470	.0003530	.0002635
%RSD	4.381406	243.7323	1.510575	55.54539	3.657836	25.49993

#1	.0205145	.001260	.0120836	.0058847	.0096932	.0009320
#2	.0189264	-.000718	.0118206	.0072440	.0099815	.0013326
#3	.0203496	-.003462	.0117406	.0157505	.0092792	.0008357

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.309300	.0010428	F 51.82874	-.208579	.0037062	.0000857
Stddev	.370754	.0009126	.24950	.096442	.0009977	.0006034
%RSD	119.8685	87.51489	.4814002	46.23756	26.92033	704.0616

#1	-.105222	.0018253	52.06997	-.194089	.0046354	.0001089
#2	-.085422	.0000403	51.57171	-.311446	.0026518	-.000529
#3	-.737257	.0012629	51.84455	-.120202	.0038315	.000677

Sample Name: ZN 50PPM Acquired: 02/16/2021 17:42:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006134	.0005828	.0034282	-.003311	.0013700	-.007390
Stddev	.0000456	.0062268	.0018668	.001292	.0009737	.000421
%RSD	7.429690	1068.425	54.45420	39.02149	71.07246	5.696478

#1	.0006653	.0010804	.0040524	-.001870	.0024921	-.006905
#2	.0005801	-.005878	.0049030	-.003695	.0007490	-.007653
#3	.0005947	.006546	.0013293	-.004367	.0008688	-.007613

Elem	Sr4077
Units	ppm
Avg	.0013795
Stddev	.0000609
%RSD	4.413604

#1	.0013827
#2	.0014387
#3	.0013170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.248	42619.74	9390.874	1553.966	2871.439
Stddev	3.688	136.09	59.728	3.783	3.947
%RSD	.1648387	.3193071	.6360259	.2434444	.1374729

#1	2241.479	42463.51	9341.750	1550.259	2874.867
#2	2235.553	42712.53	9373.512	1557.821	2867.123
#3	2234.713	42683.17	9457.360	1553.818	2872.327

Sample Name: SE 25PPM Acquired: 02/16/2021 17:46:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021054	.0017916	-.004157	F 24.46493	.0015864	-.006705
Stddev	.0072245	.0005242	.002651	.05920	.0011129	.009979
%RSD	343.1375	29.25976	63.77129	.2419908	70.15033	148.8440

#1	-.001600	.0013439	-.003491	24.52404	.0018413	-.017955
#2	-.002514	.0016625	-.001903	24.40563	.0025497	.001078
#3	.010431	.0023682	-.007078	24.46511	.0003682	-.003236

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002573	-.000258	-.000023	.0028318	.0010304	.0005204
Stddev	.000496	.000077	.000043	.0075862	.0002391	.0000929
%RSD	19.29006	29.66183	189.1998	267.8961	23.20719	17.86072

#1	-.003145	-.000339	-.000068	.0064827	.0007973	.0004992
#2	-.002328	-.000187	-.000018	.0079021	.0010188	.0004398
#3	-.002247	-.000248	.000018	-.005890	.0012751	.0006221

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004939	.0020186	-.000079	-.028703	.0014107	.0008945
Stddev	.002164	.0039604	.000206	.018019	.0004440	.0002416
%RSD	43.80959	196.1991	259.3273	62.77750	31.47272	27.00794

#1	-.007383	.0057134	-.000037	-.007975	.0016690	.0010001
#2	-.004167	-.002163	.000102	-.040631	.0008980	.0010654
#3	-.003267	.002505	-.000303	-.037504	.0016651	.0006181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.489174	.0008534	.0002003	-.191974	.0017770	.0004941
Stddev	.286944	.0010167	.0020717	.077875	.0034948	.0011242
%RSD	58.65894	119.1305	1034.499	40.56519	196.6704	227.5271

#1	-.207454	-.000289	.0022803	-.166111	-.001353	.0017462
#2	-.478996	.001191	-.001863	-.130321	.001136	-.000428
#3	-.781072	.001659	.000183	-.279489	.005548	.000164

Sample Name: SE 25PPM Acquired: 02/16/2021 17:46:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000930	-.003023	.0019353	-.004577	.0056067	-.011504
Stddev	.000143	.002745	.0013896	.001342	.0007827	.002745
%RSD	15.41850	90.80971	71.80299	29.32051	13.96022	23.85666

#1	-.001046	-.000072	.0034411	-.003958	.0052103	-.013213
#2	-.000974	-.003497	.0007024	-.003657	.0065083	-.012962
#3	-.000770	-.005500	.0016624	-.006117	.0051014	-.008339

Elem	Sr4077
Units	ppm
Avg	-.000061
Stddev	.000110
%RSD	180.6851

#1	-.000072
#2	.000054
#3	-.000166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.310	42439.21	9271.310	1549.505	2906.097
Stddev	6.537	135.69	13.471	8.064	2.161
%RSD	.2937528	.3197237	.1452941	.5203965	.0743741

#1	2219.004	42395.30	9256.836	1551.128	2904.173
#2	2232.056	42330.91	9273.615	1540.754	2908.436
#3	2224.870	42591.41	9283.480	1556.634	2905.683

Sample Name: NI 50PPM Acquired: 02/16/2021 17:50:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045751	.0023490	.0029756	.0127750	-.004102	.0178018
Stddev	.0007296	.0007697	.0024934	.0075509	.001100	.0093598
%RSD	15.94633	32.76718	83.79185	59.10692	26.80731	52.57795

#1	.0047825	.0021378	.0040781	.0174901	-.004120	.0070455
#2	.0051785	.0032023	.0047277	.0040659	-.005193	.0240922
#3	.0037643	.0017070	.0001211	.0167690	-.002994	.0222676

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003176	-.000585	-.000487	.0942719	-.000008	.0076691
Stddev	.000953	.000107	.000025	.0073410	.000234	.0001492
%RSD	30.00173	18.32516	5.202315	7.787006	2783.315	1.945802

#1	-.002436	-.000705	-.000484	.1023831	-.000270	.0077984
#2	-.004251	-.000550	-.000463	.0923485	.000064	.0075058
#3	-.002840	-.000499	-.000513	.0880841	.000180	.0077031

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005291	-.002449	-.000348	-.038633	F 46.60853	.0004773
Stddev	.000580	.006430	.000321	.023311	.07781	.0001080
%RSD	10.96914	262.5561	92.35693	60.33895	.1669524	22.62028

#1	-.005562	-.007927	-.000639	-.052657	46.52600	.0004366
#2	-.004624	-.004051	-.000401	-.011724	46.61903	.0003957
#3	-.005686	.004631	-.000003	-.051519	46.68056	.0005998

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.564220	-.000055	.0090709	-.267001	-.003456	-.000048
Stddev	.095447	.003277	.0024049	.015061	.002992	.000403
%RSD	16.91656	5916.726	26.51211	5.640895	86.59288	835.3131

#1	-.457693	.003069	.0116534	-.258843	-.000564	.000321
#2	-.593009	.000230	.0068957	-.257780	-.006539	.000011
#3	-.641959	-.003465	.0086635	-.284382	-.003264	-.000477

Sample Name: NI 50PPM Acquired: 02/16/2021 17:50:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000818	-.005062	.0007454	-.003960	-.058055	-.010661
Stddev	.000078	.004334	.0007152	.001525	.002015	.001781
%RSD	9.550930	85.62010	95.94948	38.52565	3.471657	16.70595

#1	-.000729	-.006459	.0013822	-.005651	-.058376	-.012718
#2	-.000845	-.000202	-.000028	-.003542	-.055899	-.009648
#3	-.000878	-.008525	.000882	-.002687	-.059892	-.009618

Elem	Sr4077
Units	ppm
Avg	-.000027
Stddev	.000069
%RSD	254.6713

#1	-.000106
#2	.000004
#3	.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.680	42480.34	9306.774	1545.892	2910.607
Stddev	1.093	179.21	29.956	9.387	2.421
%RSD	.0489795	.4218698	.3218731	.6072332	.0831955

#1	2230.511	42334.41	9341.080	1536.165	2908.230
#2	2232.677	42680.37	9293.451	1554.898	2913.071
#3	2231.852	42426.23	9285.790	1546.611	2910.521

Sample Name: CCV002 Acquired: 02/16/2021 18:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.864878	4.705738	23.81109	4.839438	4.858098	399.2426	10.23008
Stddev	.021602	.015213	.05104	.009087	.009921	1.4185	.01981
%RSD	.4440374	.3232830	.2143607	.1877745	.2042142	.3552887	.1936752

#1	4.878901	4.696505	23.82579	4.830474	4.869365	398.3958	10.22419
#2	4.875731	4.697413	23.75432	4.848643	4.854260	400.8801	10.25217
#3	4.840001	4.723297	23.85317	4.839196	4.850669	398.4518	10.21389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5117231	2.422401	410.5779	14.93685	2.399089	15.76081	395.4559
Stddev	.0036118	.002845	.5640	.03253	.003912	.03675	3.0904
%RSD	.7058162	.1174263	.1373759	.2177790	.1630640	.2331849	.7814868

#1	.5076168	2.423173	409.9345	14.96977	2.399012	15.71839	392.3674
#2	.5131447	2.419250	410.9869	14.93605	2.395215	15.78316	395.4520
#3	.5144079	2.424779	410.8123	14.90473	2.403038	15.78087	398.5482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51419	400.6047	2.349883	1.249135	391.7512	2.560439	15.41360
Stddev	.02796	3.2253	.003955	.007259	1.2635	.009783	.03515
%RSD	.1802489	.8051188	.1683260	.5811516	.3225354	.3820683	.2280424

#1	15.50057	397.3875	2.351043	1.256175	390.3348	2.549235	15.42060
#2	15.49564	400.5884	2.345477	1.249555	392.7625	2.564795	15.37548
#3	15.54635	403.8381	2.353128	1.241674	392.1565	2.567287	15.44472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.4216	4.894534	5.166287	4.709277	4.849056	5.243278	4.655110
Stddev	.6204	.013516	.040829	.007242	.003326	.052067	.014733
%RSD	.4017801	.2761399	.7903051	.1537759	.0685829	.9930202	.3164812

#1	153.7129	4.896256	5.121374	4.707371	4.845402	5.193950	4.650250
#2	154.8668	4.880239	5.176327	4.717282	4.849862	5.238176	4.643420
#3	154.6851	4.907105	5.201160	4.703180	4.851905	5.297708	4.671658

Sample Name: CCV002 Acquired: 02/16/2021 18:03:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.238876	5.334135	5.310991
Stddev	.028654	.023449	.060156
%RSD	.5469544	.4396034	1.132661

#1	5.208906	5.307058	5.241973
#2	5.241719	5.347583	5.338712
#3	5.266002	5.347763	5.352288

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.630	38405.67	8793.921	1330.285	2262.672
Stddev	2.861	67.52	55.102	5.296	.873
%RSD	.1497470	.1758095	.6265914	.3981120	.0385836

#1	1910.477	38438.68	8851.687	1325.998	2263.319
#2	1907.849	38327.99	8788.135	1336.205	2263.018
#3	1913.565	38450.33	8741.940	1328.651	2261.679

Sample Name: CCB002 Acquired: 02/16/2021 18:07:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004253	.0003337	-.000733	.0113915	.0029697	-.000142
Stddev	.003475	.0013800	.003237	.0024019	.0029330	.003294
%RSD	81.70431	413.4900	441.5816	21.08498	98.76586	2326.209

#1	-.004527	-.000385	.002958	.0131878	.0063554	.001580
#2	-.007584	.001925	-.002069	.0123234	.0012038	-.003940
#3	-.000650	-.000538	-.003088	.0086633	.0013499	.001936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002243	-.000272	-.000110	.0076848	.0003327	.0002370
Stddev	.000600	.000192	.000122	.0052490	.0003876	.0001691
%RSD	26.76471	70.69243	110.7445	68.30394	116.5092	71.36584

#1	-.002330	-.000055	-.000230	.0099685	.0006605	.0001824
#2	-.001604	-.000338	.000014	.0114050	.0004327	.0004267
#3	-.002796	-.000422	-.000115	.0016808	-.000095	.0001020

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000395	.0155862	.0001258	-.005283	.0013457	.0005775
Stddev	.002036	.0045087	.0004253	.027650	.0003705	.0002548
%RSD	515.0002	28.92783	338.0151	523.3612	27.53159	44.11338

#1	-.001113	.0207320	.0005130	-.036365	.0017344	.0008715
#2	-.001975	.0123287	-.000329	.003934	.0009967	.0004395
#3	.001902	.0136977	.000194	.016581	.0013058	.0004215

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.405881	-.000196	.0006256	-.082102	.0018721	F .0152415
Stddev	.152272	.000979	.0031963	.062593	.0027122	.0004246
%RSD	37.51638	500.6190	510.9608	76.23804	144.8709	2.785873

#1	-.237154	-.000692	.0042906	-.084639	.0001468	.0151611
#2	-.533083	-.000828	-.001584	-.143388	.0004714	.0157006
#3	-.447407	.000933	-.000830	-.018279	.0049983	.0148629

Sample Name: CCB002 Acquired: 02/16/2021 18:07:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1435) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000745	-.009034	.0019499	-.003115	.0008730	-.001238
Stddev	.0004030	.004417	.0007812	.001330	.0009267	.000535
%RSD	540.7347	48.88925	40.06452	42.68349	106.1433	43.18434

#1	.0003977	-.009218	.0013294	-.003492	.0014456	-.001642
#2	.0002028	-.013356	.0028272	-.004215	-.000196	-.000632
#3	-.000377	-.004529	.0016931	-.001638	.001370	-.001440

Elem	Sr4077
Units	ppm
Avg	.0000669
Stddev	.0000538
%RSD	80.42604

#1	.0001166
#2	.0000744
#3	.0000098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.612	42448.46	9159.085	1544.899	2901.000
Stddev	5.622	202.90	34.812	6.239	6.109
%RSD	.2533092	.4779953	.3800772	.4038138	.2105966

#1	2214.855	42612.99	9154.089	1539.382	2900.403
#2	2225.817	42221.74	9127.041	1543.646	2907.386
#3	2218.164	42510.66	9196.125	1551.669	2895.211