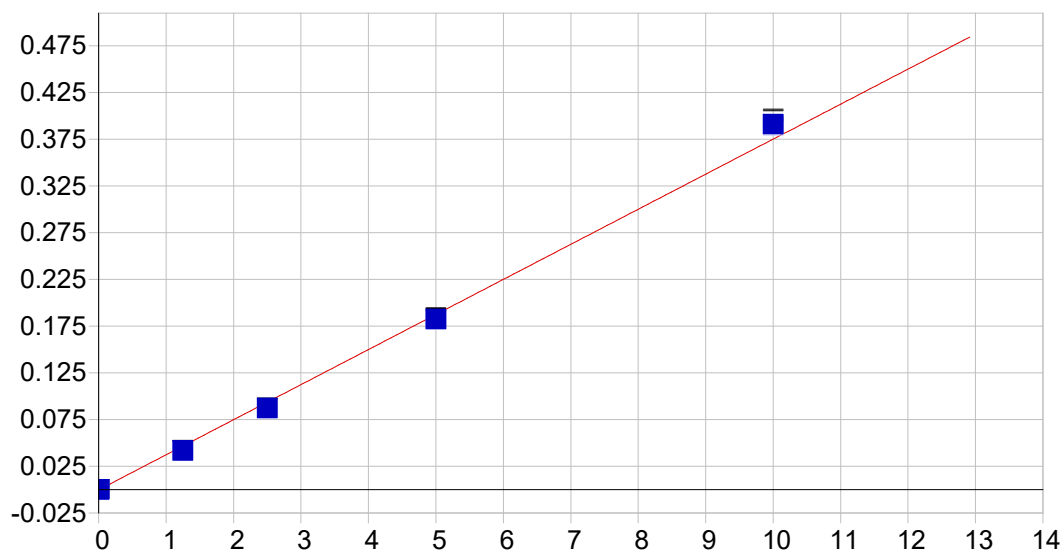


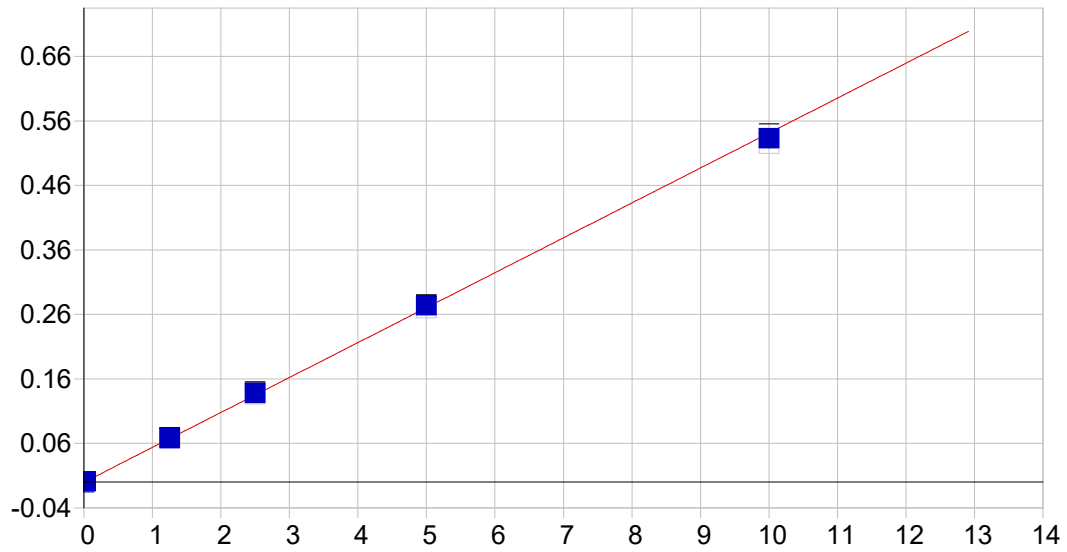


As 189.042 {479}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000178 Re-Slope: 1.000000
 A1 (Gain): 0.037529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998707 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.006686
 Predicted MQL: 0.022286

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.01121	.001	12.1	.00024	.000	1
S2	1.2500	1.1162	-.134	-10.7	.04150	.000	1
S3	2.5000	2.3280	-.172	-6.88	.08677	.000	1
S4	5.0000	4.8730	-.127	-2.54	.18186	.001	1
S5	10.000	10.432	.432	4.32	.38961	.005	1

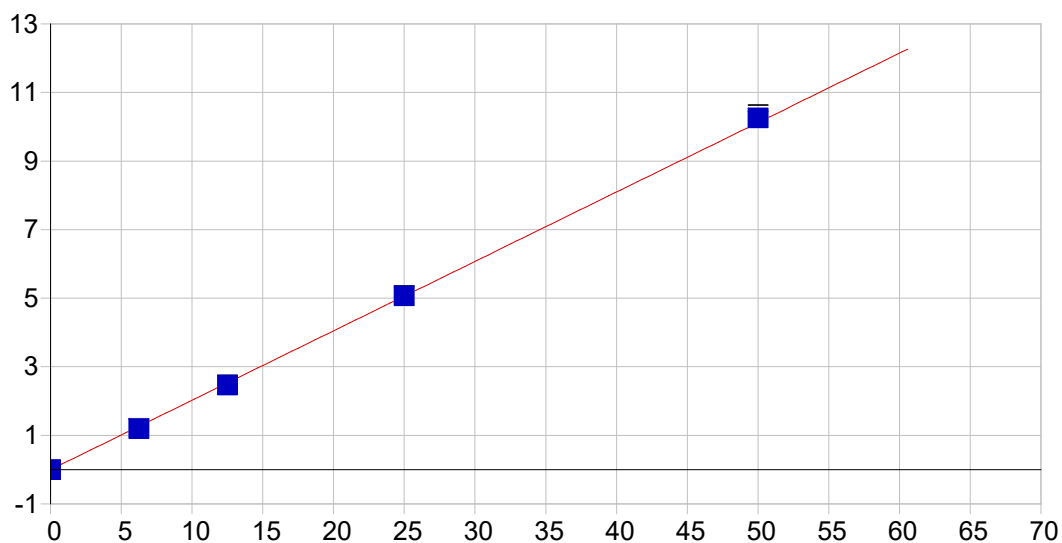


TI 190.856 {477}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000301 Re-Slope: 1.000000
 A1 (Gain): 0.054151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.003769
 Predicted MQL: 0.012564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00030	.000	1
S1	.02500	.03089	.006	23.5	.00132	.000	1
S2	1.2500	1.2676	.018	1.41	.06729	.001	1
S3	2.5000	2.5607	.061	2.43	.13627	.002	1
S4	5.0000	5.0648	.065	1.30	.26977	.001	1
S5	10.000	9.8511	-.149	-1.49	.52477	.007	1

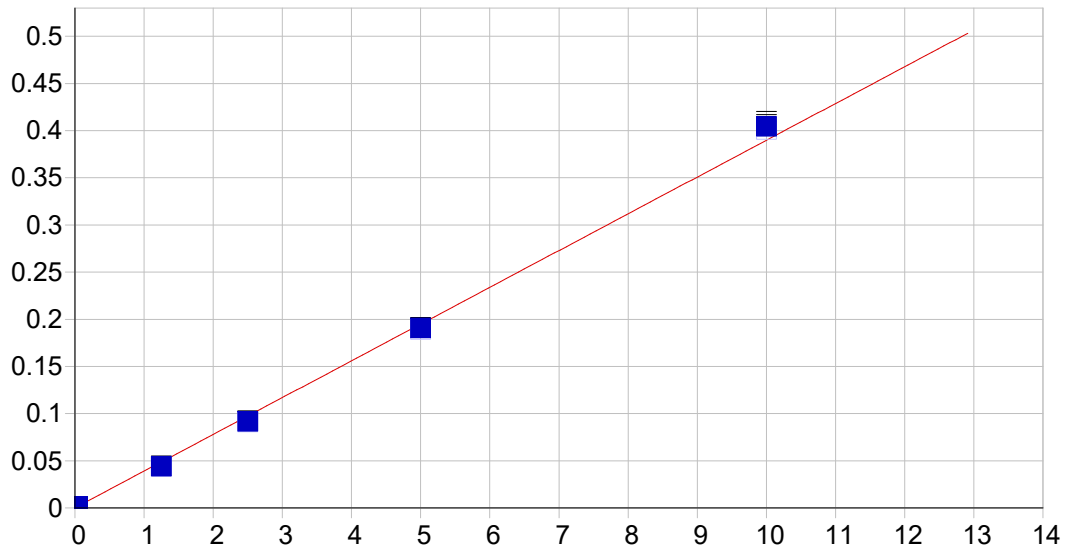


Pb 220.353 {453}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000417	Re-Slope:	1.000000
A1 (Gain):	0.202440	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999797	Status:	OK.
Std Error of Est:	0.000153		
Predicted MDL:	0.002091		
Predicted MQL:	0.006971		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00042	.000	1
S1	.01000	.01349	.003	34.9	.00230	.000	1
S2	6.2500	5.9035	-.346	-5.54	1.1938	.008	1
S3	12.500	12.167	-.333	-2.67	2.4609	.005	1
S4	25.000	25.020	.020	.078	5.0610	.010	1
S5	50.000	50.657	.657	1.31	10.247	.095	1

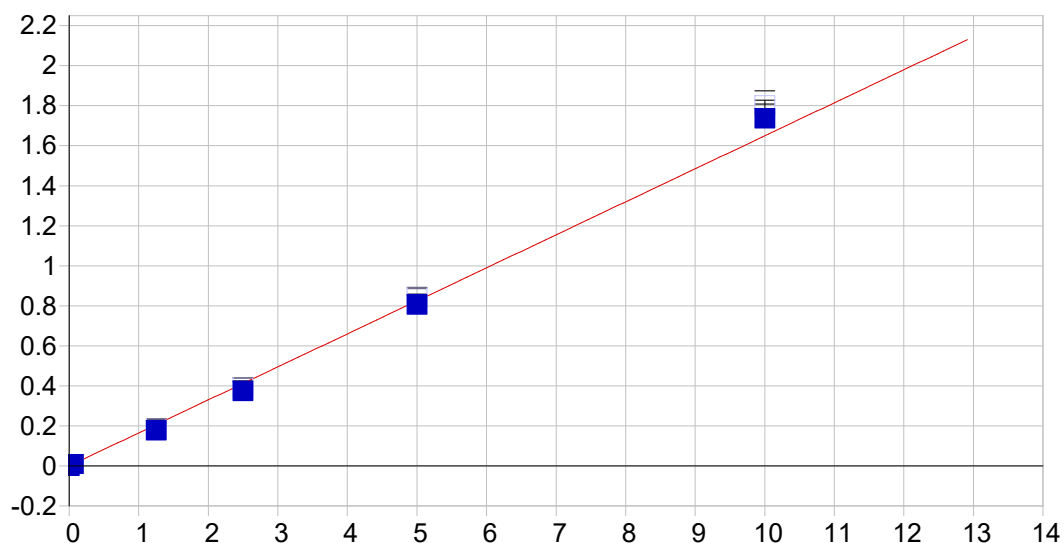


Se 196.090 {472}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.038971 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998995 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.006943
 Predicted MQL: 0.023143

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.03500	.03521	.000	.598	.00145	.000	1
S2	1.2500	1.1304	-.120	-9.57	.04370	.000	1
S3	2.5000	2.3525	-.148	-5.90	.09091	.000	1
S4	5.0000	4.8869	-.113	-2.26	.18883	.001	1
S5	10.000	10.380	.380	3.80	.40120	.005	1

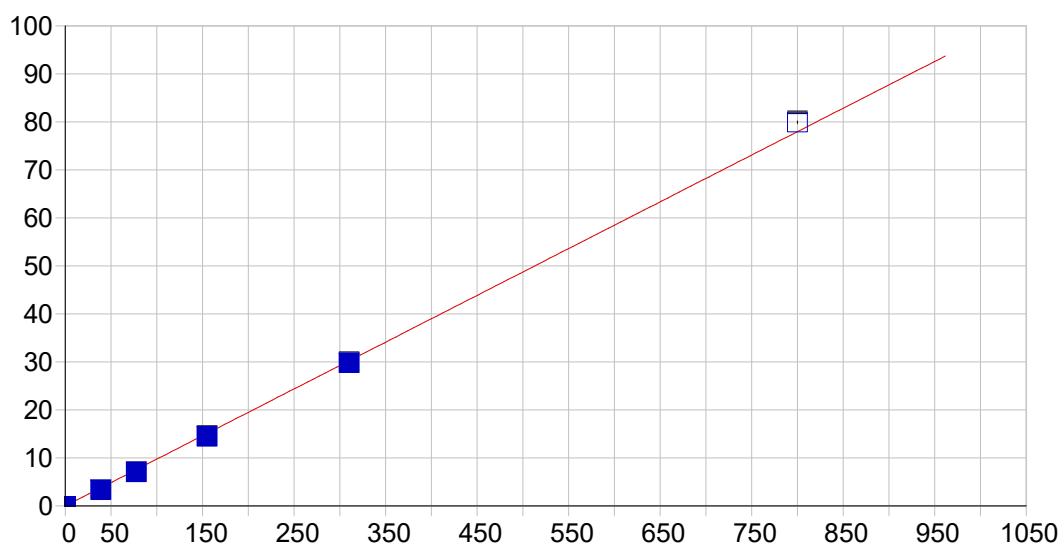


Sb 206.833 {463}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000094	Re-Slope:	1.000000
A1 (Gain):	0.164962	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998108	Status:	OK.
Std Error of Est:	0.000434		
Predicted MDL:	0.002376		
Predicted MQL:	0.007922		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00009	.000	1
S1	.06000	.05534	-.005	-7.76	.00904	.001	1
S2	1.2500	1.0739	-.176	-14.1	.18518	.002	1
S3	2.5000	2.2661	-.234	-9.36	.38999	.000	1
S4	5.0000	4.8895	-.110	-2.21	.83901	.003	1
S5	10.000	10.525	.525	5.25	1.8012	.023	1

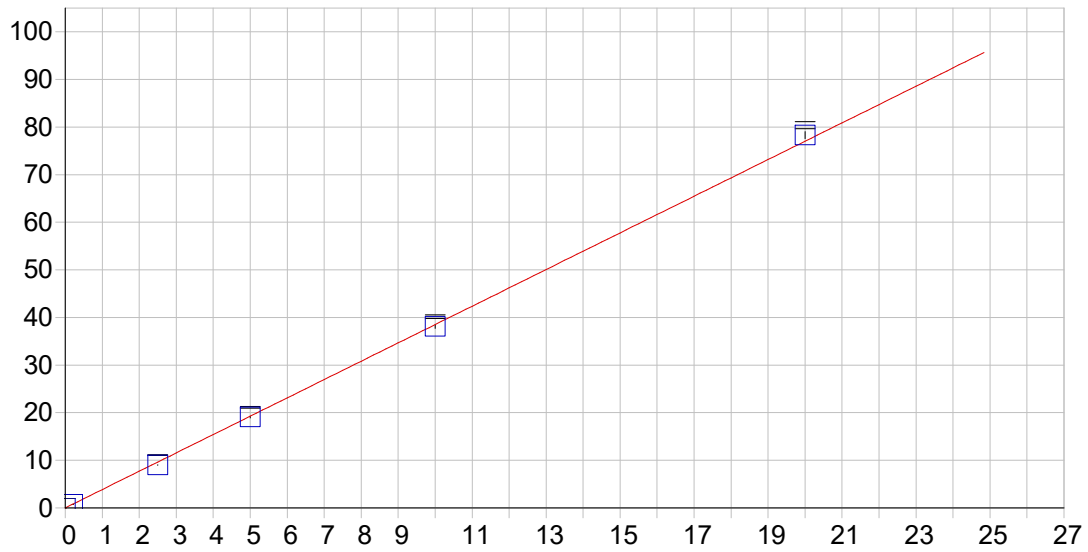


AI 396.152 { 85}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001143 Re-Slope: 1.000000
 A1 (Gain): 0.097466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999409 Status: OK.
 Std Error of Est: 0.002086
 Predicted MDL: 0.007551
 Predicted MQL: 0.025169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00115	.000	1
S1	.20000	.18490	-.015	-7.55	.01920	.000	1
S2	38.750	34.488	-4.26	-11.0	3.3667	.004	1
S3	77.500	72.332	-5.17	-6.67	7.0592	.039	1
S4	155.00	148.75	-6.25	-4.03	14.516	.067	1
S5	310.00	305.57	-4.43	-1.43	29.817	.175	1
S6	800.00	820.15	20.1	2.52	79.938	.292	1

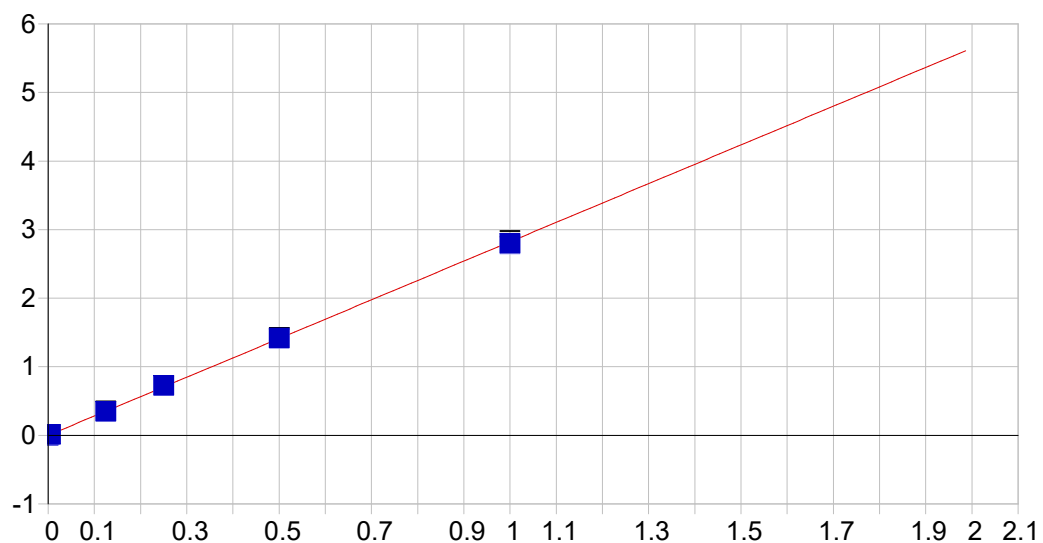


Ba 493.409 { 68}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.008433	Re-Slope:	1.000000
A1 (Gain):	3.850992	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999753	Status:	OK.
Std Error of Est:	0.009093		
Predicted MDL:	0.000388		
Predicted MQL:	0.001292		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00851	.001	1
S1	.20000	.19313	-.007	-3.43	.75219	.008	1
S2	2.5000	2.3338	-.166	-6.65	8.9960	.052	1
S3	5.0000	4.9492	-.051	-1.02	19.068	.178	1
S4	10.000	9.8896	-.110	-1.10	38.093	.359	1
S5	20.000	20.334	.334	1.67	78.315	.746	1

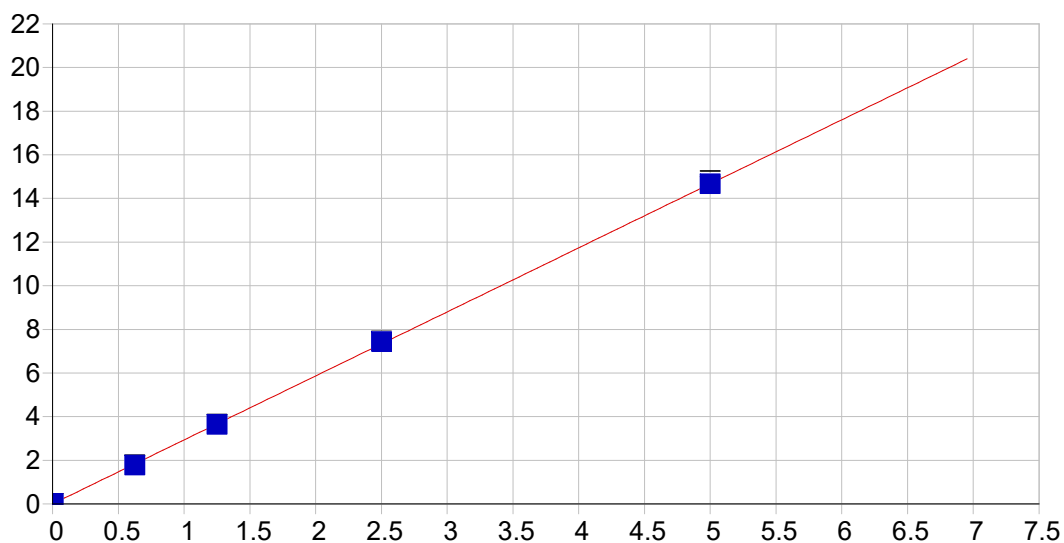


Be 234.861 {144}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000545	Re-Slope:	1.000000
A1 (Gain):	2.823776	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.000133		
Predicted MDL:	0.000087		
Predicted MQL:	0.000289		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00055	.000	1
S1	.00500	.00533	.000	6.52	.01448	.000	1
S2	.12500	.12406	-.001	-.750	.34816	.004	1
S3	.25000	.25680	.007	2.72	.72136	.004	1
S4	.50000	.50226	.002	.452	1.4113	.009	1
S5	1.0000	.99155	-.008	-.845	2.7864	.041	1

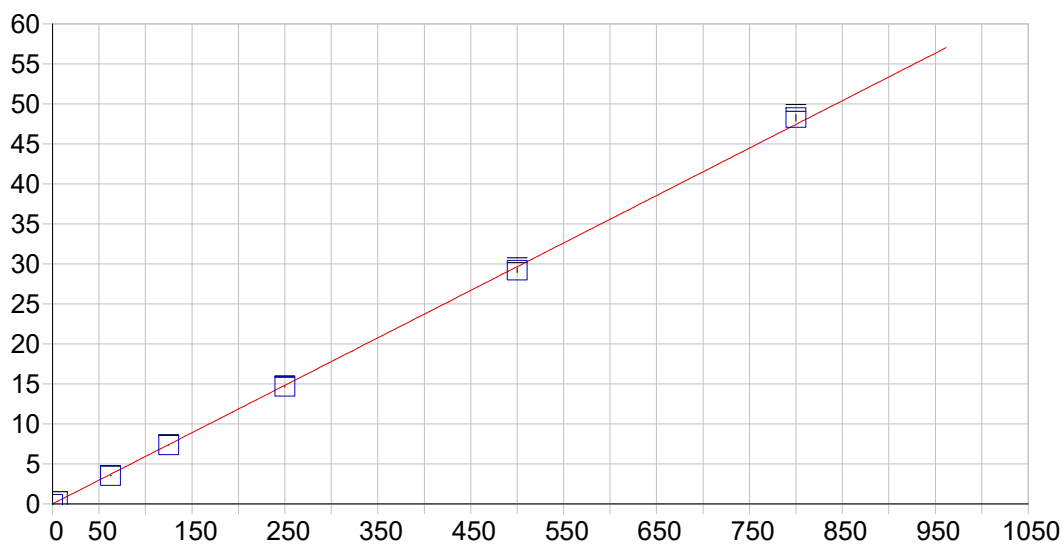


Cd 214.438 {457}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000818	Re-Slope:	1.000000
A1 (Gain):	2.933747	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000291		
Predicted MDL:	0.000100		
Predicted MQL:	0.000333		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.000	1
S1	.00500	.00510	.000	1.98	.01583	.000	1
S2	.62500	.60245	-.023	-3.61	1.7711	.011	1
S3	1.2500	1.2413	-.009	-.693	3.6482	.006	1
S4	2.5000	2.5331	.033	1.32	7.4435	.019	1
S5	5.0000	4.9980	-.002	-.040	14.686	.132	1

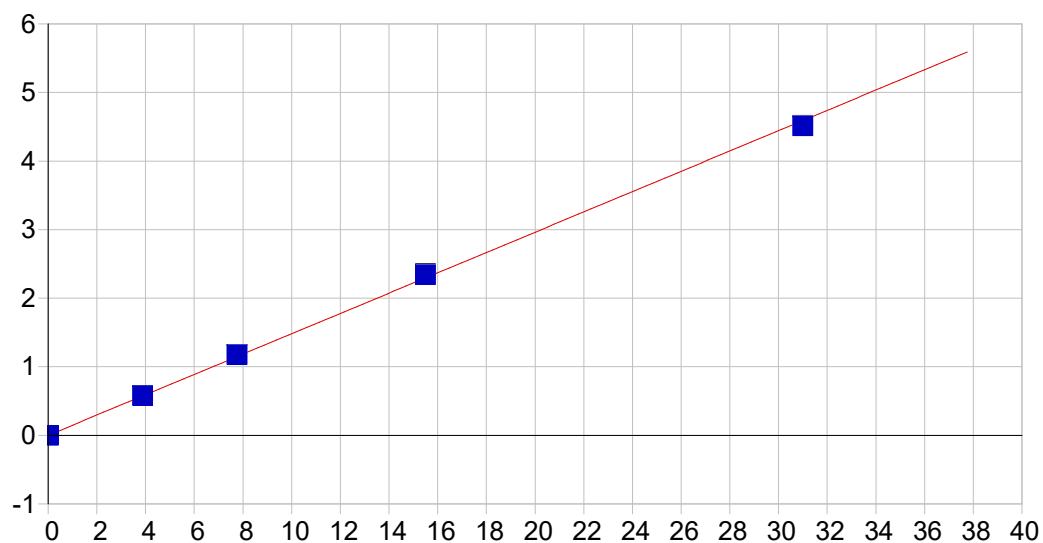


Ca 373.690 { 90}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001862 Re-Slope: 1.000000
 A1 (Gain): 0.059300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.003626
 Predicted MDL: 0.009900
 Predicted MQL: 0.033000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	.00188	.000	1
S1	5.0000	5.0556	.056	1.11	.30166	.003	1
S2	62.500	59.455	-3.05	-4.87	3.5275	.012	1
S3	125.00	124.21	-.795	-.636	7.3672	.049	1
S4	250.00	247.44	-2.56	-1.02	14.675	.085	1
S5	500.00	492.46	-7.54	-1.51	29.205	.303	1
S6	800.00	813.88	13.9	1.73	48.265	.433	1

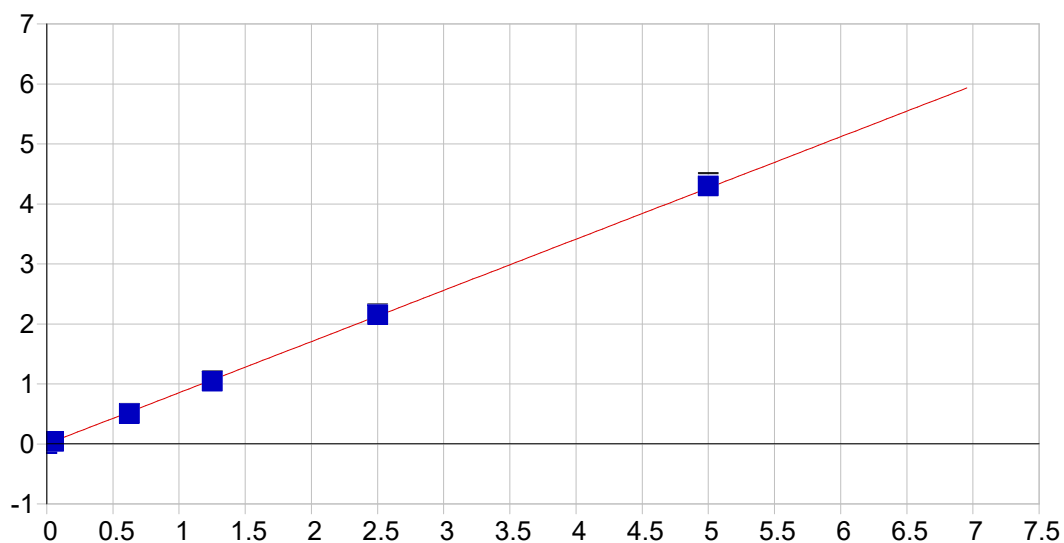


Cr 267.716 {126}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000052	Re-Slope:	1.000000
A1 (Gain):	0.148096	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999817	Status:	OK.
Std Error of Est:	0.000084		
Predicted MDL:	0.000501		
Predicted MQL:	0.001670		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01092	.001	9.20	.00167	.000	1
S2	3.8750	3.9084	.033	.863	.57932	.002	1
S3	7.7500	7.9468	.197	2.54	1.1778	.003	1
S4	15.500	15.814	.314	2.03	2.3438	.009	1
S5	31.000	30.455	-.545	-1.76	4.5138	.005	1

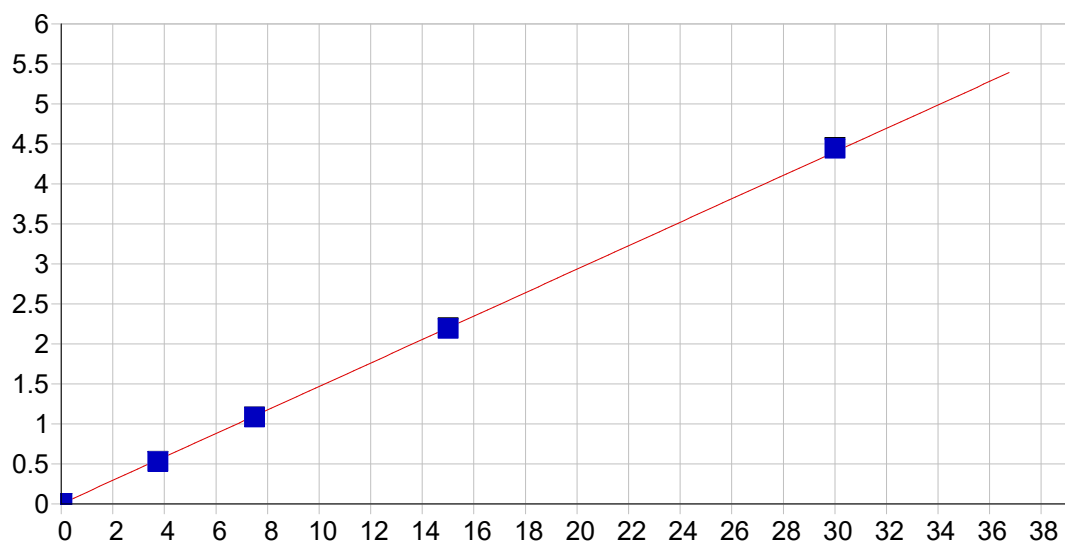


Co 228.616 {448}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000798 Re-Slope: 1.000000
 A1 (Gain): 0.853292 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000422
 Predicted MDL: 0.000342
 Predicted MQL: 0.001140

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00079	.000	1
S1	.05000	.04737	-.003	-5.25	.03976	.000	1
S2	.62500	.58889	-.036	-5.78	.50341	.003	1
S3	1.2500	1.2252	-.025	-1.99	1.0481	.002	1
S4	2.5000	2.5260	.026	1.04	2.1615	.005	1
S5	5.0000	5.0376	.038	.752	4.3115	.041	1

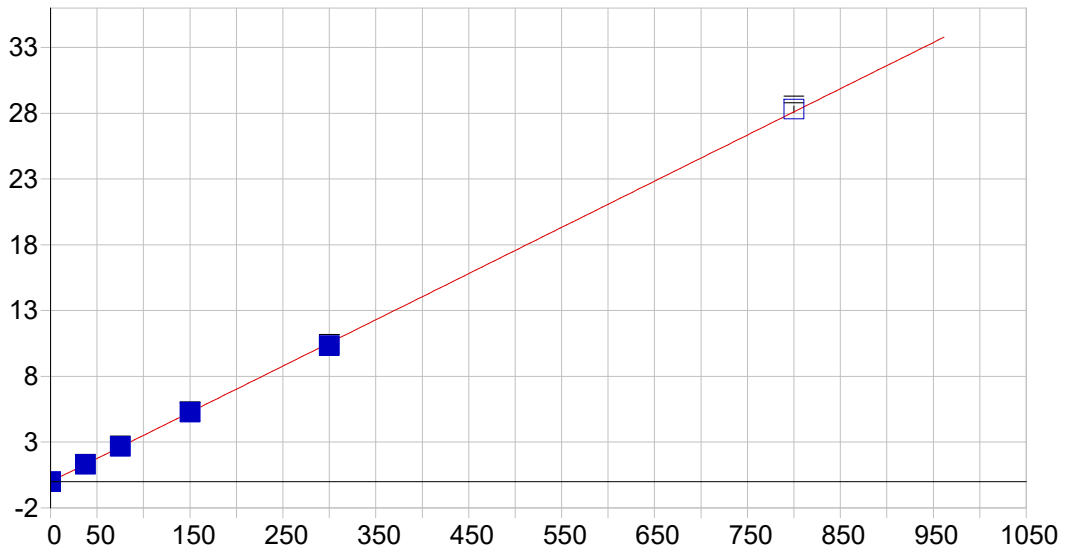


Cu 324.754 {104}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001033	Re-Slope:	1.000000
A1 (Gain):	0.146645	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.002411		
Predicted MQL:	0.008036		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00103	.000	1
S1	.02500	.02762	.003	10.5	.00508	.000	1
S2	3.7500	3.6053	-.145	-3.86	.52967	.001	1
S3	7.5000	7.3805	-.120	-1.59	1.0832	.001	1
S4	15.000	14.954	-.046	-.305	2.1938	.007	1
S5	30.000	30.307	.307	1.02	4.4450	.011	1

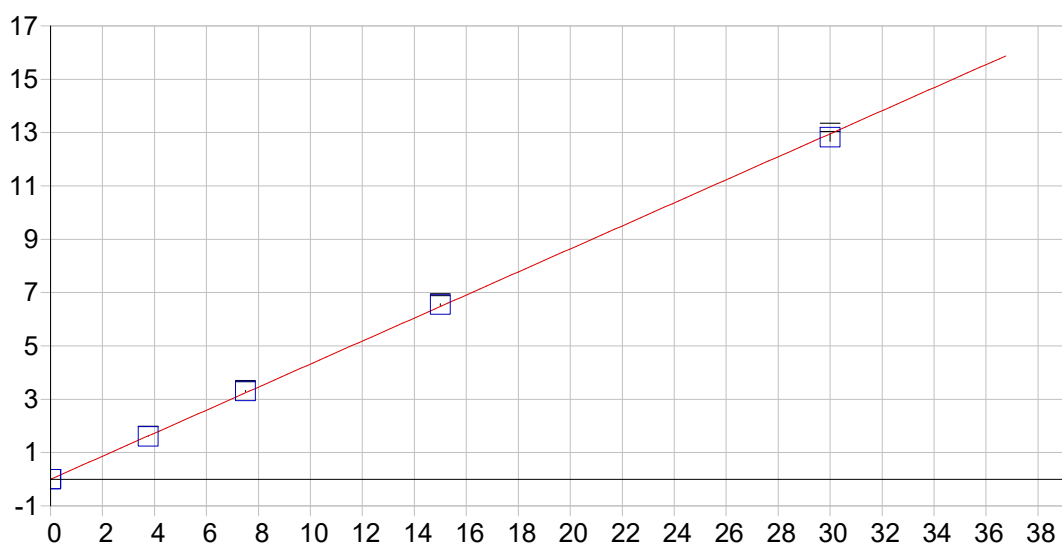


Fe 259.837 {130}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000096 Re-Slope: 1.000000
 A1 (Gain): 0.035138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.005954
 Predicted MQL: 0.019847

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00010	.000	1
S1	.10000	.10728	.007	7.28	.00387	.000	1
S2	37.500	37.055	-.445	-1.19	1.3024	.002	1
S3	75.000	75.945	.945	1.26	2.6693	.017	1
S4	150.00	150.19	.190	.127	5.2787	.025	1
S5	300.00	293.84	-6.16	-2.05	10.328	.106	1
S6	800.00	805.46	5.46	.683	28.303	.264	1

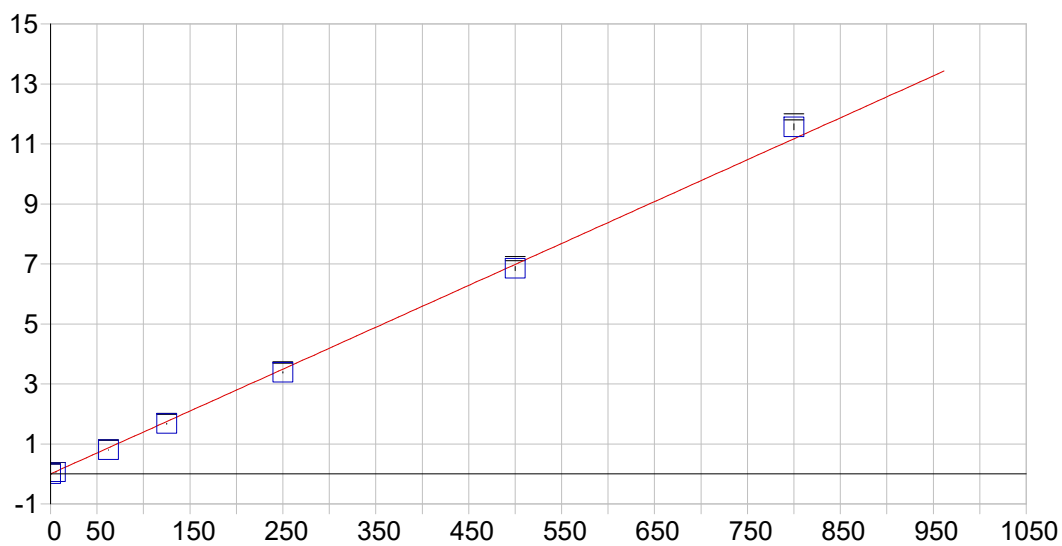


Mn 257.610 {131}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.431868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000189
 Predicted MDL: 0.000427
 Predicted MQL: 0.001424

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.01500	.01629	.001	8.62	.00720	.000	1
S2	3.7500	3.7219	-.028	-.749	1.6075	.003	1
S3	7.5000	7.6605	.161	2.14	3.3085	.022	1
S4	15.000	15.164	.164	1.09	6.5491	.039	1
S5	30.000	29.702	-.298	-.993	12.828	.156	1

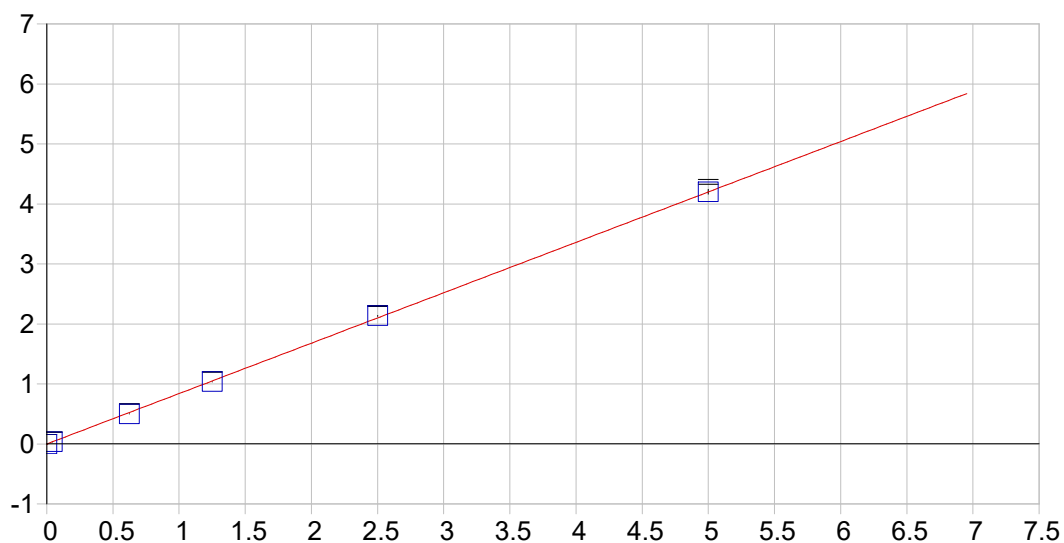


Mg 279.079 {121}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.013964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999386 Status: OK.
 Std Error of Est: 0.001709
 Predicted MDL: 0.017933
 Predicted MQL: 0.059778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00096	.001	.000	.00011	.000	1
S1	5.0000	4.7547	-.245	-4.91	.06649	.001	1
S2	62.500	57.105	-5.39	-8.63	.79752	.002	1
S3	125.00	119.76	-5.24	-4.20	1.6724	.012	1
S4	250.00	242.21	-7.79	-3.12	3.3823	.025	1
S5	500.00	490.23	-9.77	-1.95	6.8457	.074	1
S6	800.00	828.45	28.4	3.56	11.569	.104	1

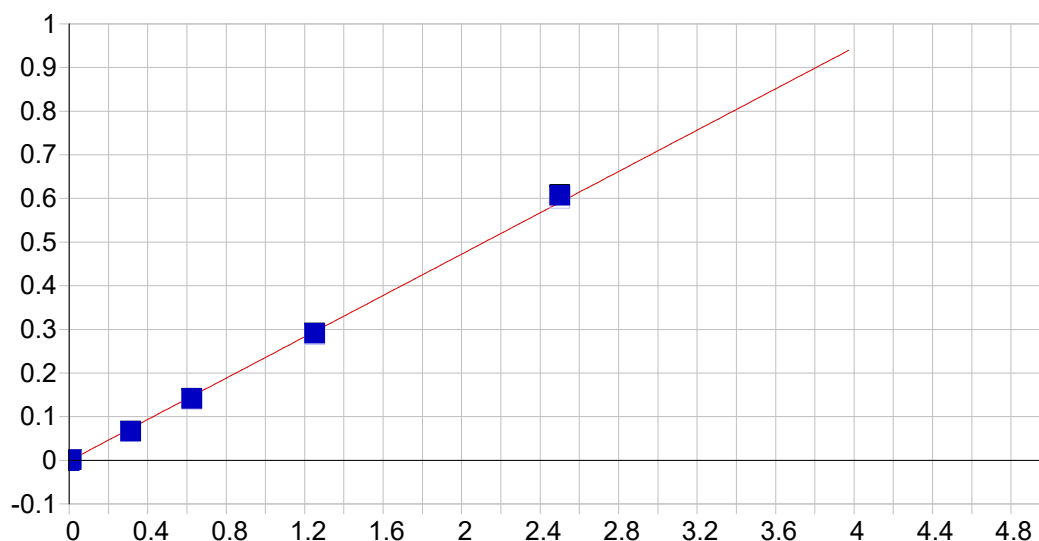


Ni 231.604 {446}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000595	Re-Slope:	1.000000
A1 (Gain):	0.839962	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000310		
Predicted MDL:	0.000448		
Predicted MQL:	0.001493		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00059	.000	1
S1	.04000	.03894	-.001	-2.65	.03211	.000	1
S2	.62500	.59674	-.028	-4.52	.50064	.004	1
S3	1.2500	1.2328	-.017	-1.37	1.0349	.004	1
S4	2.5000	2.5426	.043	1.70	2.1351	.007	1
S5	5.0000	5.0039	.004	.078	4.2025	.039	1

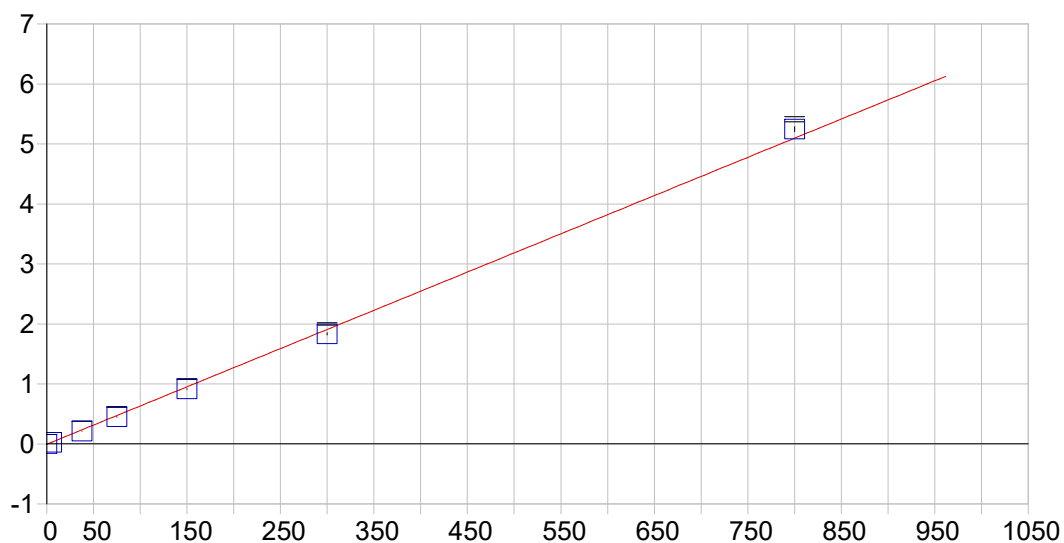


Ag 328.068 {103}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001262	Re-Slope:	1.000000
A1 (Gain):	0.236805	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999414	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.000486		
Predicted MQL:	0.001621		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00126	.000	1
S1	.01000	.01029	.000	2.89	.00117	.000	1
S2	.31250	.28571	-.027	-8.57	.06551	.000	1
S3	.62500	.60039	-.025	-3.94	.13914	.001	1
S4	1.2500	1.2327	-.017	-1.38	.28711	.001	1
S5	2.5000	2.5684	.068	2.73	.59983	.002	1

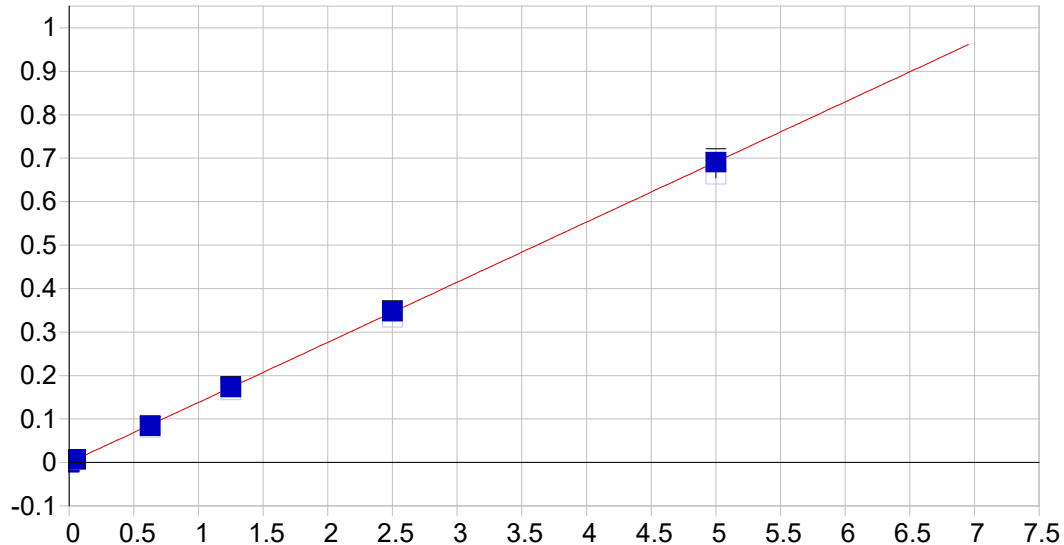


Na 818.326 { 41}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.005201	Re-Slope:	1.000000
A1 (Gain):	0.006375	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999346	Status:	OK.
Std Error of Est:	0.000713		
Predicted MDL:	0.203206		
Predicted MQL:	0.677352		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00092	.001	.000	-.00520	.001	1
S1	5.0000	4.9613	-.039	-.773	.02643	.001	1
S2	37.500	34.245	-3.25	-8.68	.21313	.002	1
S3	75.000	71.883	-3.12	-4.16	.45309	.006	1
S4	150.00	144.23	-5.77	-3.84	.91436	.005	1
S5	300.00	288.40	-11.6	-3.87	1.8335	.019	1
S6	800.00	823.78	23.8	2.97	5.2468	.043	1

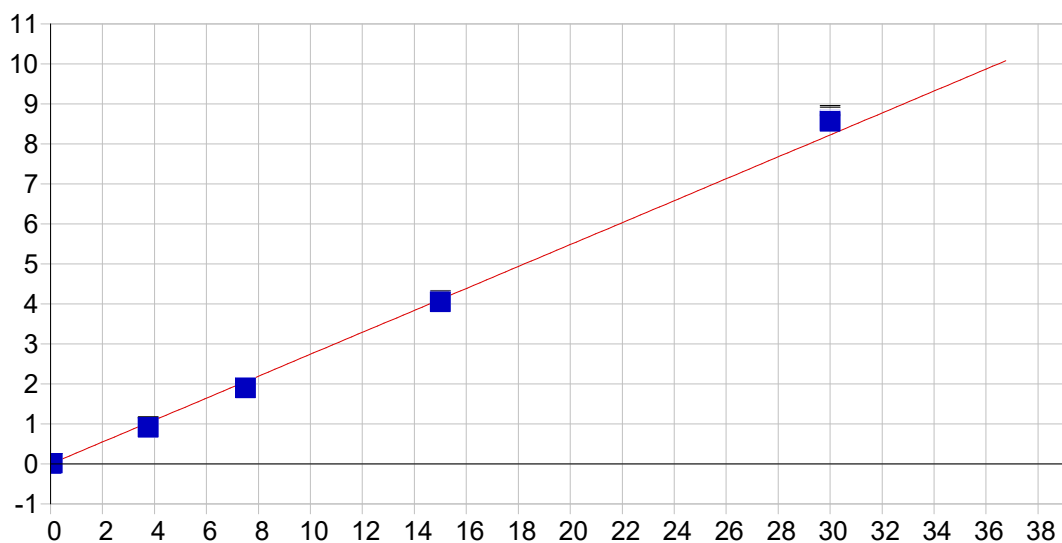


V 292.402 {115}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000231	Re-Slope:	1.000000
A1 (Gain):	0.138289	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.002175		
Predicted MQL:	0.007249		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.05000	.05097	.001	1.94	.00680	.000	1
S2	.62500	.60796	-.017	-2.73	.08038	.000	1
S3	1.2500	1.2533	.003	.265	.16616	.002	1
S4	2.5000	2.5164	.016	.658	.33391	.002	1
S5	5.0000	4.9963	-.004	-.075	.66299	.008	1

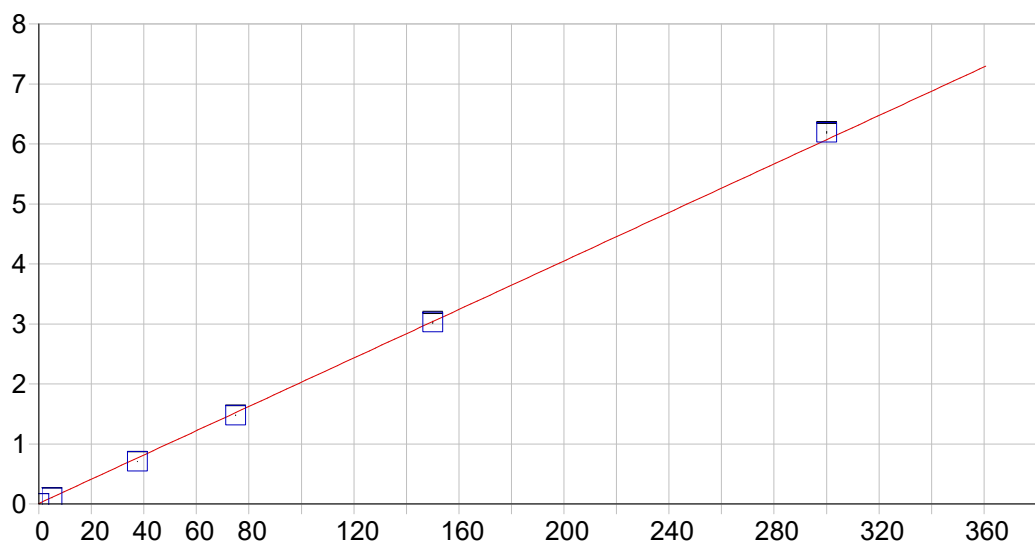


Zn 213.856 {158}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000851 Re-Slope: 1.000000
 A1 (Gain): 0.274191 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998713 Status: OK.
 Std Error of Est: 0.000996
 Predicted MDL: 0.002531
 Predicted MQL: 0.008435

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00085	.000	1
S1	.06000	.05644	-.004	-5.94	.01468	.001	1
S2	3.7500	3.3227	-.427	-11.4	.91524	.014	1
S3	7.5000	6.9271	-.573	-7.64	1.9086	.006	1
S4	15.000	14.773	-.227	-1.51	4.0698	.015	1
S5	30.000	31.231	1.23	4.10	8.6026	.107	1

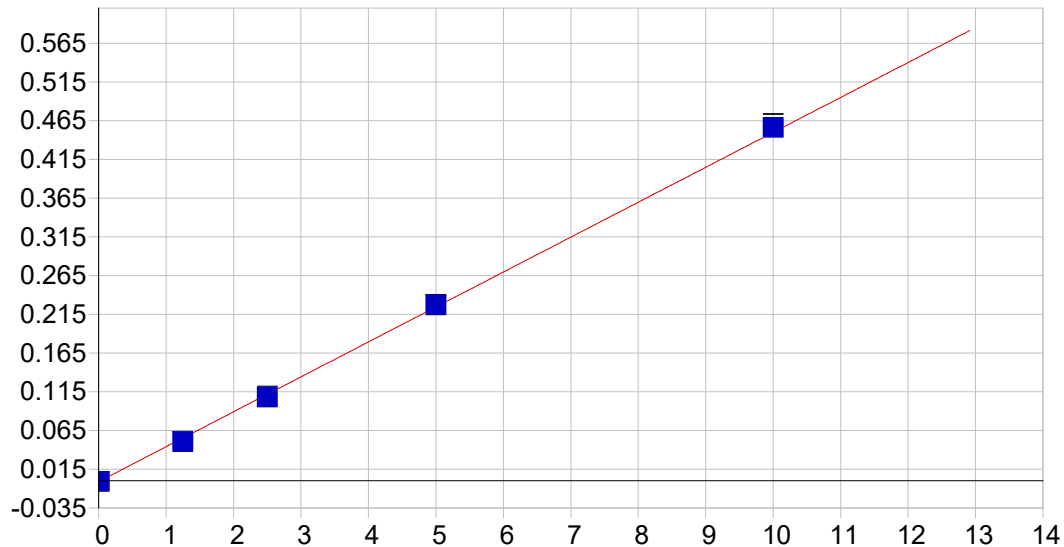


K 769.896 { 44}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.007260	Re-Slope:	1.000000
A1 (Gain):	0.020210	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999625	Status:	OK.
Std Error of Est:	0.001141		
Predicted MDL:	0.059702		
Predicted MQL:	0.199006		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00068	.001	.000	.00727	.000	1
S1	5.0000	4.7753	-.225	-4.49	.10377	.000	1
S2	37.500	34.620	-2.88	-7.68	.70691	.002	1
S3	75.000	72.657	-2.34	-3.12	1.4756	.005	1
S4	150.00	149.48	-.523	-.349	3.0281	.019	1
S5	300.00	305.97	5.97	1.99	6.1908	.016	1

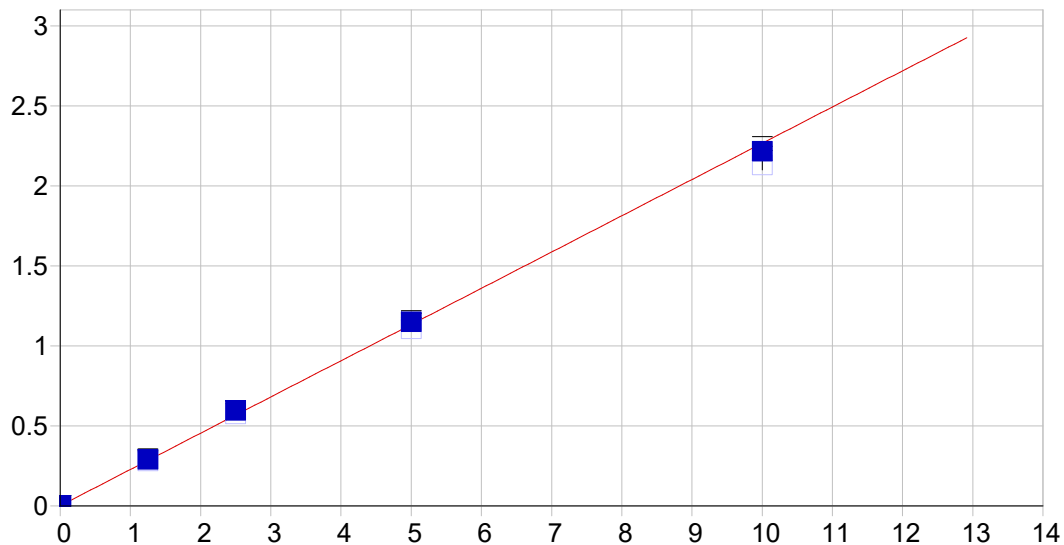


P 177.495 {490}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001068 Re-Slope: 1.000000
 A1 (Gain): 0.045100 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999600 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003913
 Predicted MQL: 0.013043

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00107	.000	1
S1	.01000	.00950	-.000	-4.95	-.00064	.000	1
S2	1.2500	1.1398	-.110	-8.82	.05026	.001	1
S3	2.5000	2.4174	-.083	-3.31	.10779	.001	1
S4	5.0000	5.0558	.056	1.12	.22662	.001	1
S5	10.000	10.138	.138	1.38	.45548	.005	1

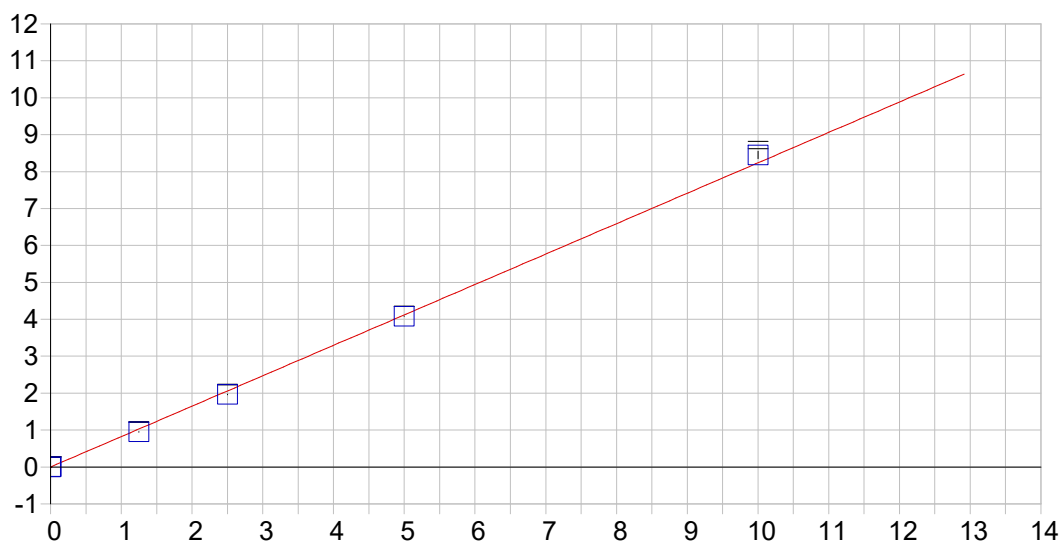


B 249.678 {135}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001128 Re-Slope: 1.000000
 A1 (Gain): 0.226519 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.001214
 Predicted MQL: 0.004046

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00113	.000	1
S1	.01000	.01055	.001	5.53	.00351	.000	1
S2	1.2500	1.2790	.029	2.32	.28008	.004	1
S3	2.5000	2.6219	.122	4.88	.57351	.002	1
S4	5.0000	5.0681	.068	1.36	1.1061	.008	1
S5	10.000	9.7804	-.220	-2.20	2.1304	.030	1

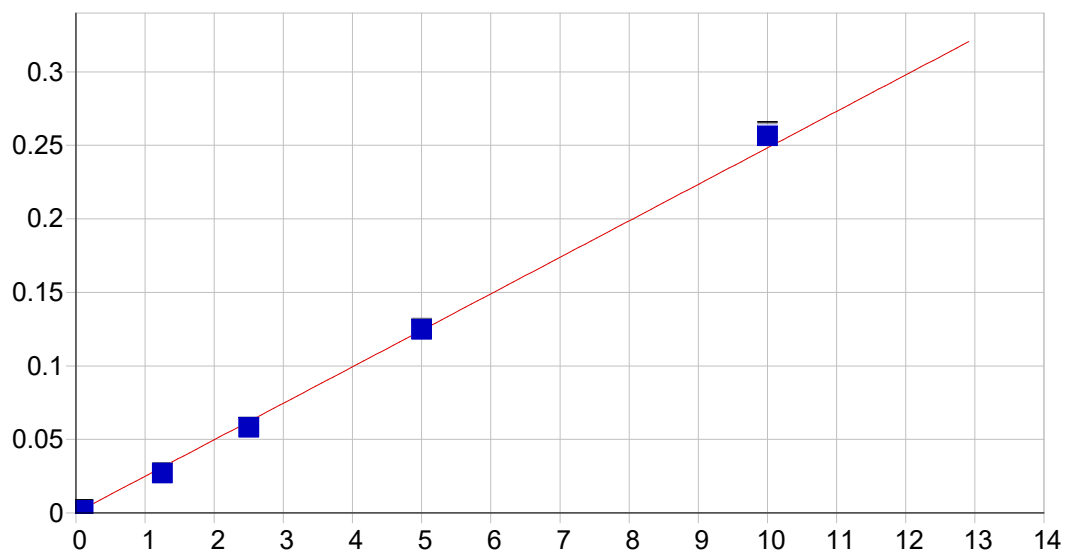


Mo 202.030 {467}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000262 Re-Slope: 1.000000
 A1 (Gain): 0.823772 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999469 Status: OK.
 Std Error of Est: 0.000450
 Predicted MDL: 0.000420
 Predicted MQL: 0.001399

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.01015	.000	1.48	.00810	.000	1
S2	1.2500	1.1530	-.097	-7.76	.94955	.006	1
S3	2.5000	2.3844	-.116	-4.62	1.9640	.004	1
S4	5.0000	4.9544	-.046	-.911	4.0811	.003	1
S5	10.000	10.258	.258	2.58	8.4500	.103	1

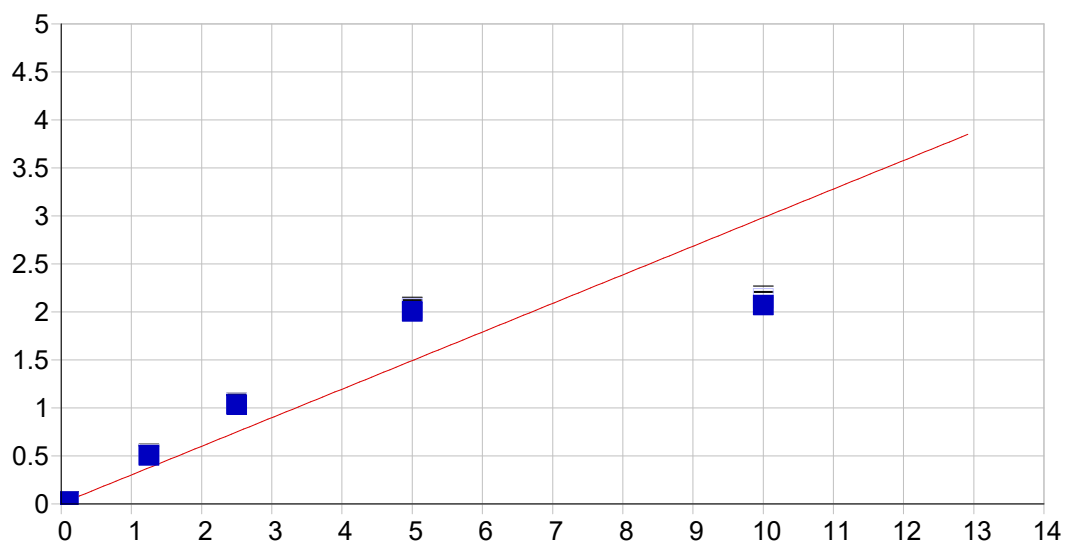


S 182.034 {485}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000132	Re-Slope:	1.000000
A1 (Gain):	0.024815	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998707	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.006552		
Predicted MQL:	0.021839		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00013	.000	1
S1	.10000	.07636	-.024	-23.6	.00203	.000	1
S2	1.2500	1.0865	-.164	-13.1	.02719	.000	1
S3	2.5000	2.3332	-.167	-6.67	.05823	.000	1
S4	5.0000	5.0235	.023	.469	.12519	.000	1
S5	10.000	10.330	.330	3.30	.25728	.002	1

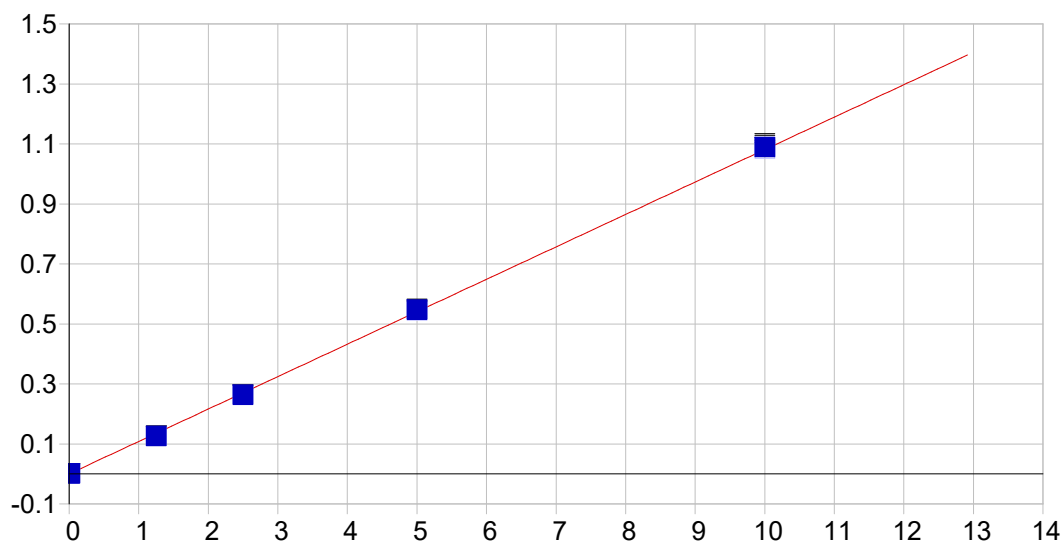


Si 251.611 {134}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004383 Re-Slope: 1.000000
 A1 (Gain): 0.297723 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.951876 Status: OK.
 Std Error of Est: 0.005209
 Predicted MDL: 0.000962
 Predicted MQL: 0.003205

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00437	.000	1
S1	.10000	.06589	-.034	-34.1	.02442	.000	1
S2	1.2500	1.6775	.427	34.2	.51225	.006	1
S3	2.5000	3.4523	.952	38.1	1.0491	.002	1
S4	5.0000	6.7133	1.71	34.3	2.0369	.013	1
S5	10.000	6.9408	-3.06	-30.6	2.1384	.029	1

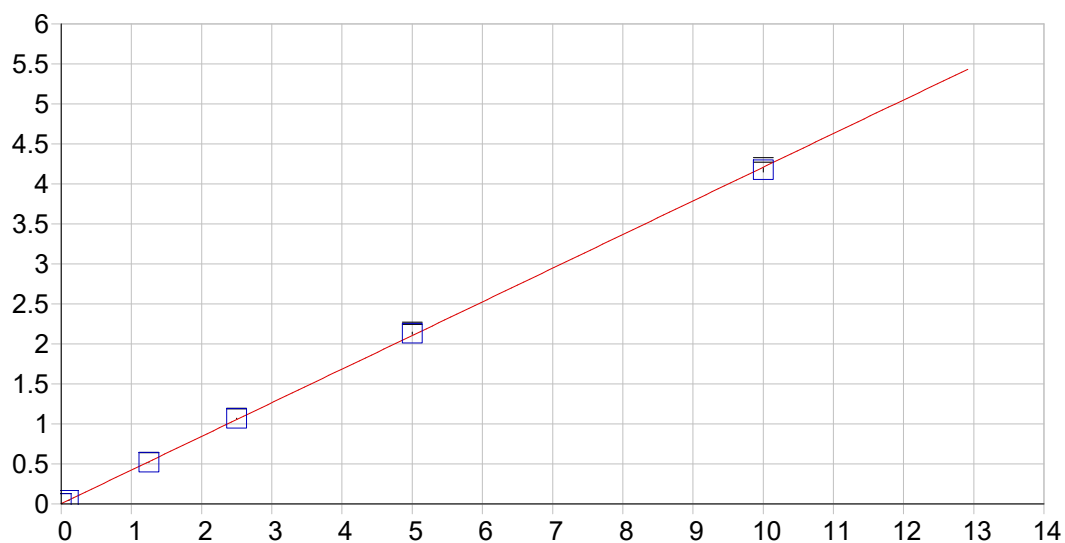


Sn 189.989 {478}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.108101 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.001671
 Predicted MQL: 0.005571

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.00700	.00769	.001	9.85	.00087	.000	1
S2	1.2500	1.1679	-.082	-6.57	.12565	.001	1
S3	2.5000	2.4420	-.058	-2.32	.26270	.001	1
S4	5.0000	5.0601	.060	1.20	.54437	.002	1
S5	10.000	10.079	.079	.794	1.0842	.012	1

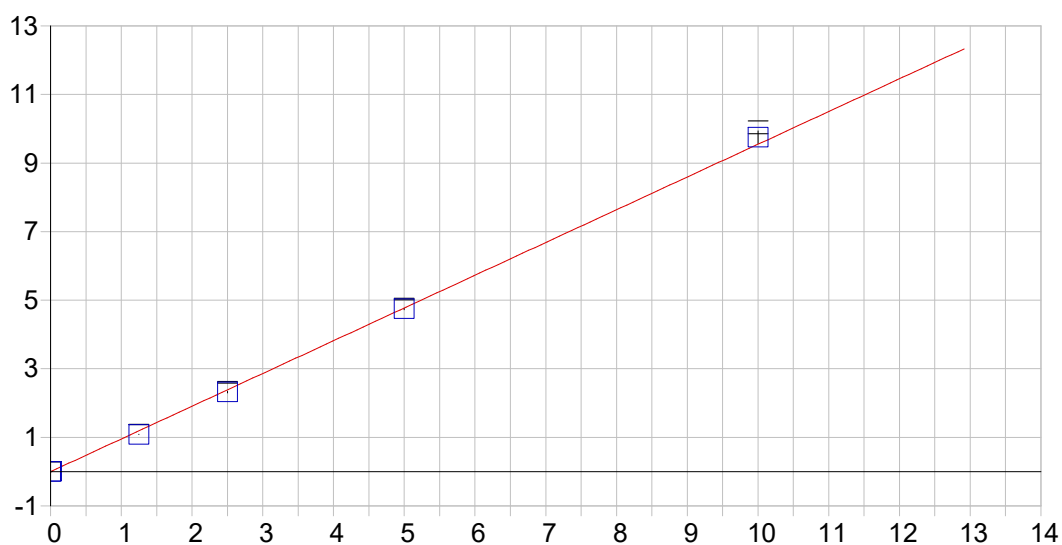


Ti 336.121 {100}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002639	Re-Slope:	1.000000
A1 (Gain):	0.420537	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.000245		
Predicted MDL:	0.000949		
Predicted MQL:	0.003162		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00264	.000	1
S1	.10000	.10114	.001	1.14	.04517	.000	1
S2	1.2500	1.2274	-.023	-1.81	.51882	.002	1
S3	2.5000	2.5313	.031	1.25	1.0672	.004	1
S4	5.0000	5.0661	.066	1.32	2.1331	.014	1
S5	10.000	9.9240	-.076	-.760	4.1760	.027	1



Li 670.784 { 50}

Date of Fit: 11/18/2023 16:37:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002134 Re-Slope: 1.000000
 A1 (Gain): 0.955006 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999556 Status: OK.
 Std Error of Est: 0.000585
 Predicted MDL: 0.001415
 Predicted MQL: 0.004717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00213	.001	1
S5	10.000	10.211	.211	2.11	9.7497	.188	1
S4	5.0000	4.9707	-.029	-.585	4.7449	.021	1
S3	2.5000	2.4308	-.069	-2.77	2.3193	.021	1
S2	1.2500	1.1376	-.112	-8.99	1.0843	.007	1
S1	.01500	.01461	-.000	-2.59	.01182	.000	1







Y 224.306 {150}*

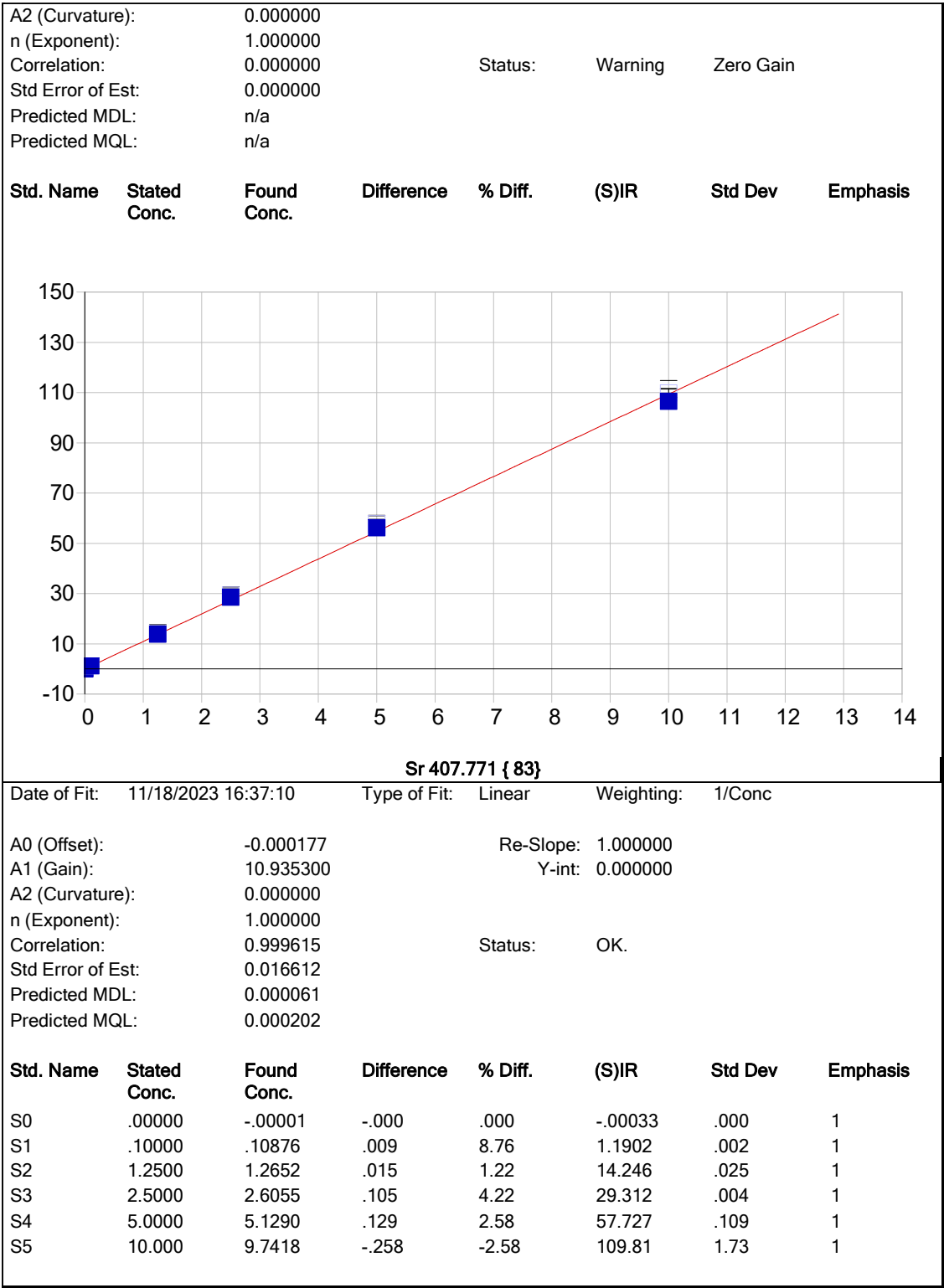
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 11/18/2023 13:07:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	-.00018	-.00030	-.00042	.00008	-.00009	.00115	.00851	-.00055
Stddev	.00015	.00008	.00049	.00007	.00044	.00015	.00102	.00024
%RSD	85.633	25.816	117.15	94.464	482.46	13.259	11.987	43.655
#1	-.00007	-.00039	-.00062	.00001	.00032	.00110	.00823	-.00046
#2	-.00035	-.00026	.00014	.00007	-.00003	.00103	.00965	-.00082
#3	-.00011	-.00026	-.00077	.00015	-.00055	.00132	.00767	-.00037
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	.00082	.00188	.00005	-.00079	.00103	.00010	.00017	.00011
Stddev	.00011	.00044	.00005	.00018	.00019	.00015	.00029	.00025
%RSD	14.028	23.592	106.52	22.634	18.181	159.26	172.78	229.14
#1	.00072	.00146	.00010	-.00072	.00107	.00027	.00036	.00024
#2	.00078	.00234	-.00001	-.00100	.00120	-.00001	-.00016	.00027
#3	.00095	.00183	.00007	-.00066	.00083	.00003	.00030	-.00018
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	-.00059	-.00126	-.00520	-.00023	-.00085	.00727	-.00107	.00113
Stddev	.00017	.00003	.00075	.00033	.00044	.00012	.00011	.00026
%RSD	28.847	2.2023	14.402	142.52	51.612	1.6074	10.199	22.789
#1	-.00043	-.00127	-.00606	.00010	-.00117	.00716	-.00098	.00137
#2	-.00058	-.00123	-.00480	-.00024	-.00035	.00727	-.00104	.00086
#3	-.00077	-.00128	-.00473	-.00056	-.00102	.00739	-.00119	.00115
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	-.00026	.00013	.00437	.00008	.00264	-.00213	-.00033	
Stddev	.00019	.00013	.00014	.00012	.00017	.00144	.00040	
%RSD	73.755	95.149	3.2101	163.74	6.4466	67.563	122.06	
#1	-.00008	.00028	.00432	.00007	.00270	-.00322	-.00070	
#2	-.00047	.00008	.00453	-.00004	.00245	-.00268	-.00039	
#3	-.00024	.00004	.00426	.00020	.00277	-.00050	.00010	

Sample Name: S0 Acquired: 11/18/2023 13:07:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	1338.2	49932.	8991.5	1242.5	1952.7
Stddev	2.2	230.	42.4	9.1	.3
%RSD	.16510	.46118	.47181	.72874	.01464
#1	1335.6	49755.	8977.7	1247.1	1952.5
#2	1339.0	49850.	9039.1	1232.0	1953.0
#3	1339.8	50193.	8957.7	1248.2	1952.7

Sample Name: S1 Acquired: 11/18/2023 13:11:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	.00024	.00132	.00230	.00145	.00904	.01920	.75219	.01448
Stddev	.00010	.00013	.00044	.00007	.00067	.00004	.00816	.00029
%RSD	43.108	9.7318	19.116	5.0047	7.4339	.19825	1.0852	2.0055

#1	.00016	.00127	.00281	.00150	.00860	.01924	.76144	.01461
#2	.00036	.00147	.00199	.00136	.00982	.01918	.74912	.01415
#3	.00021	.00122	.00212	.00148	.00871	.01917	.74601	.01468

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	.01583	.30166	.00167	.03976	.00508	.00387	.00720	.06649
Stddev	.00013	.00296	.00004	.00033	.00038	.00014	.00013	.00061
%RSD	.81495	.98176	2.3807	.83266	7.4549	3.5041	1.7523	.92181

#1	.01576	.30506	.00164	.04008	.00506	.00397	.00714	.06699
#2	.01598	.30029	.00165	.03942	.00546	.00391	.00712	.06668
#3	.01575	.29963	.00172	.03979	.00471	.00371	.00735	.06581

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	.03211	.00117	.02643	.00680	.01468	.10377	-.00064	.00351
Stddev	.00024	.00008	.00056	.00010	.00070	.00037	.00013	.00009
%RSD	.73266	7.1760	2.1260	1.4606	4.7433	.35568	20.637	2.5762

#1	.03211	.00111	.02646	.00682	.01456	.10415	-.00052	.00347
#2	.03235	.00114	.02585	.00689	.01404	.10341	-.00078	.00344
#3	.03188	.00127	.02698	.00669	.01542	.10374	-.00062	.00361

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	.00810	.00203	.02442	.00087	.04517	.01182	1.1902	
Stddev	.00018	.00010	.00019	.00020	.00015	.00047	.0024	
%RSD	2.2176	4.8977	.79249	22.316	.34159	3.9566	.20048	

#1	.00830	.00212	.02463	.00110	.04531	.01234	1.1885	
#2	.00800	.00192	.02425	.00080	.04500	.01145	1.1929	
#3	.00799	.00204	.02439	.00073	.04521	.01166	1.1892	

Sample Name: S1 Acquired: 11/18/2023 13:11:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	1321.6	49268.	9011.6	1237.1	1889.2
Stddev	3.0	299.	62.0	12.7	3.8
%RSD	.22892	.60711	.68826	1.0246	.19984
#1	1318.8	49389.	8940.9	1231.2	1885.3
#2	1321.1	48927.	9056.9	1228.3	1889.4
#3	1324.8	49487.	9037.0	1251.6	1892.9

Sample Name: S2 Acquired: 11/18/2023 13:15:37 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	.04150	.06729	1.1938	.04370	.18518	3.3667	8.9960	.34816
Stddev	.00040	.00082	.0081	.00048	.00159	.0043	.0518	.00397
%RSD	.97437	1.2239	.67872	1.0940	.85686	.12757	.57626	1.1409
#1	.04193	.06700	1.1923	.04397	.18516	3.3649	8.9793	.35267
#2	.04114	.06665	1.1866	.04315	.18361	3.3716	9.0541	.34520
#3	.04143	.06822	1.2026	.04399	.18678	3.3635	8.9546	.34661
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	1.7711	3.5275	.57932	.50341	.52967	1.3024	1.6075	.79752
Stddev	.0111	.0120	.00165	.00328	.00110	.0022	.0026	.00164
%RSD	.62880	.33995	.28489	.65203	.20730	.16598	.16420	.20566
#1	1.7703	3.5301	.58116	.50274	.53081	1.3006	1.6078	.79733
#2	1.7604	3.5380	.57883	.50051	.52959	1.3048	1.6100	.79924
#3	1.7826	3.5144	.57797	.50698	.52862	1.3019	1.6048	.79598
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	.50064	.06551	.21313	.08038	.91524	.70691	.05026	.28008
Stddev	.00351	.00012	.00216	.00047	.01356	.00215	.00073	.00354
%RSD	.70123	.18994	1.0133	.58118	1.4811	.30406	1.4492	1.2643
#1	.49892	.06537	.21280	.07991	.89962	.70939	.04981	.28405
#2	.49832	.06553	.21544	.08039	.92208	.70582	.04986	.27897
#3	.50468	.06562	.21115	.08084	.92401	.70552	.05110	.27723
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	.94955	.02719	.51225	.12565	.51882	1.0843	14.246	
Stddev	.00596	.00029	.00613	.00139	.00176	.0073	.025	
%RSD	.62771	1.0511	1.1975	1.1027	.33908	.67740	.17215	
#1	.94811	.02713	.51918	.12572	.51934	1.0839	14.274	
#2	.94444	.02695	.51003	.12423	.52026	1.0918	14.235	
#3	.95610	.02751	.50753	.12700	.51686	1.0771	14.229	

Sample Name: S2 Acquired: 11/18/2023 13:15:37 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	1240.0	47062.	8927.0	1167.7	1649.2
Stddev	1.3	193.	57.6	6.3	5.7
%RSD	.10095	.41008	.64518	.53823	.34544
#1	1240.6	47283.	8868.3	1174.9	1652.8
#2	1240.9	46925.	8929.1	1164.7	1652.2
#3	1238.6	46979.	8983.5	1163.5	1642.7

Sample Name: S3 Acquired: 11/18/2023 13:19:31 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	.08677	.13627	2.4609	.09091	.38999	7.0592	19.068	.72136
Stddev	.00018	.00169	.0046	.00047	.00037	.0390	.178	.00385
%RSD	.20735	1.2381	.18674	.51663	.09590	.55197	.93380	.53403

#1	.08692	.13605	2.4569	.09036	.38989	7.0294	18.906	.71703
#2	.08657	.13470	2.4598	.09117	.38967	7.0450	19.039	.72263
#3	.08681	.13805	2.4659	.09119	.39040	7.1033	19.258	.72441

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6482	7.3672	1.1778	1.0481	1.0832	2.6693	3.3085	1.6724
Stddev	.0064	.0494	.0034	.0022	.0013	.0167	.0224	.0118
%RSD	.17619	.67008	.28557	.20944	.11679	.62593	.67578	.70454

#1	3.6421	7.3155	1.1794	1.0466	1.0819	2.6563	3.2873	1.6625
#2	3.6476	7.3722	1.1801	1.0470	1.0844	2.6634	3.3064	1.6692
#3	3.6549	7.4138	1.1740	1.0506	1.0833	2.6881	3.3319	1.6854

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	1.0349	.13914	.45309	.16616	1.9086	1.4756	.10779	.57351
Stddev	.0036	.00078	.00557	.00172	.0059	.0055	.00138	.00163
%RSD	.35112	.55732	1.2303	1.0351	.30863	.36972	1.2805	.28354

#1	1.0308	.13926	.44828	.16465	1.9048	1.4778	.10734	.57186
#2	1.0367	.13984	.45179	.16580	1.9055	1.4694	.10670	.57357
#3	1.0374	.13831	.45920	.16803	1.9153	1.4797	.10934	.57511

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	1.9640	.05823	1.0491	.26270	1.0672	2.3193	29.312
Stddev	.0044	.00019	.0019	.00122	.0039	.0207	.004
%RSD	.22443	.31973	.18000	.46265	.36853	.89405	.01527

#1	1.9614	.05811	1.0471	.26183	1.0631	2.2974	29.312
#2	1.9614	.05813	1.0495	.26219	1.0674	2.3219	29.307
#3	1.9691	.05844	1.0508	.26409	1.0710	2.3386	29.316

Sample Name: S3 Acquired: 11/18/2023 13:19:31 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	1183.8	45274.	8682.0	1115.3	1545.3
Stddev	1.9	213.	27.8	3.3	2.3
%RSD	.15686	.47030	.32001	.29468	.15016
#1	1184.3	45075.	8695.3	1111.8	1546.4
#2	1181.8	45248.	8700.6	1118.3	1542.7
#3	1185.4	45499.	8650.1	1115.7	1546.9

Sample Name: S4 Acquired: 11/18/2023 13:23:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	.18186	.26977	5.0610	.18883	.83901	14.516	38.093	1.4113
Stddev	.00136	.00101	.0098	.00072	.00333	.067	.359	.0086
%RSD	.74960	.37406	.19362	.38004	.39737	.46467	.94278	.61024

#1	.18044	.27093	5.0594	.18898	.83551	14.438	37.834	1.4042
#2	.18196	.26908	5.0522	.18946	.83937	14.558	37.943	1.4087
#3	.18316	.26932	5.0716	.18805	.84215	14.551	38.503	1.4208

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.4435	14.675	2.3438	2.1615	2.1938	5.2787	6.5491	3.3823
Stddev	.0192	.085	.0093	.0047	.0073	.0249	.0387	.0249
%RSD	.25777	.57975	.39487	.21911	.33288	.47080	.59131	.73568

#1	7.4451	14.577	2.3488	2.1602	2.1866	5.2501	6.5053	3.3544
#2	7.4236	14.714	2.3332	2.1574	2.1934	5.2918	6.5632	3.3903
#3	7.4619	14.733	2.3496	2.1667	2.2012	5.2943	6.5788	3.4022

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	2.1351	.28711	.91436	.33391	4.0698	3.0281	.22662	1.1061
Stddev	.0073	.00091	.00547	.00164	.0151	.0190	.00087	.0079
%RSD	.33953	.31674	.59798	.49159	.37025	.62733	.38400	.71317

#1	2.1343	.28658	.90825	.33220	4.0645	3.0074	.22717	1.1034
#2	2.1282	.28659	.91602	.33547	4.0869	3.0324	.22707	1.0999
#3	2.1427	.28816	.91880	.33407	4.0582	3.0446	.22562	1.1150

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.0811	.12519	2.0369	.54437	2.1331	4.7449	57.727	
Stddev	.0034	.00039	.0126	.00234	.0136	.0212	.109	
%RSD	.08413	.31161	.61944	.43067	.63640	.44720	.18911	

#1	4.0810	.12560	2.0347	.54238	2.1184	4.7211	57.605	
#2	4.0777	.12483	2.0255	.54377	2.1358	4.7518	57.815	
#3	4.0845	.12514	2.0504	.54695	2.1452	4.7619	57.762	

Sample Name: S4 Acquired: 11/18/2023 13:23:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	1087.5	43685.	8745.3	1045.4	1410.7
Stddev	.5	158.	52.1	7.0	1.6
%RSD	.04439	.36155	.59587	.67346	.11237
#1	1087.5	43854.	8805.2	1048.6	1409.9
#2	1088.0	43542.	8710.5	1037.3	1412.5
#3	1087.0	43658.	8720.2	1050.2	1409.6

Sample Name: S5 Acquired: 11/18/2023 13:27:33 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	.38961	.52477	10.247	.40120	1.8012	29.817	78.315	2.7864
Stddev	.00543	.00666	.095	.00544	.0229	.175	.746	.0410
%RSD	1.3945	1.2693	.92710	1.3549	1.2734	.58728	.95291	1.4718

#1	.38645	.52261	10.192	.39713	1.7844	29.973	79.013	2.8213
#2	.38651	.51945	10.194	.39910	1.7918	29.628	77.529	2.7412
#3	.39589	.53224	10.357	.40738	1.8273	29.849	78.404	2.7967

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.686	29.205	4.5138	4.3115	4.4450	10.328	12.828	6.8457
Stddev	.133	.303	.0049	.0409	.0109	.106	.156	.0737
%RSD	.90219	1.0364	.10932	.94834	.24518	1.0249	1.2189	1.0771

#1	14.618	29.510	4.5193	4.2873	4.4325	10.422	12.967	6.9135
#2	14.602	28.904	4.5123	4.2885	4.4528	10.213	12.658	6.7672
#3	14.839	29.200	4.5099	4.3587	4.4496	10.347	12.857	6.8564

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	4.2025	.59983	1.8335	.66299	8.6026	6.1908	.45548	2.1304
Stddev	.0387	.00240	.0187	.00808	.1065	.0157	.00497	.0303
%RSD	.92151	.39978	1.0208	1.2191	1.2385	.25277	1.0901	1.4233

#1	4.1795	.60183	1.8527	.67101	8.5048	6.1902	.45393	2.1564
#2	4.1808	.60050	1.8154	.65484	8.7161	6.1755	.45148	2.0971
#3	4.2472	.59717	1.8324	.66311	8.5871	6.2068	.46104	2.1378

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	8.4500	.25728	2.1384	1.0842	4.1760	9.7497	109.81	
Stddev	.1025	.00220	.0288	.0119	.0275	.1879	1.73	
%RSD	1.2132	.85583	1.3488	1.0962	.65849	1.9276	1.5758	

#1	8.3805	.25596	2.1590	1.0782	4.2041	9.9230	110.62	
#2	8.4017	.25606	2.1054	1.0766	4.1491	9.5499	107.82	
#3	8.5677	.25982	2.1507	1.0979	4.1749	9.7762	110.98	

Sample Name: S5 Acquired: 11/18/2023 13:27:33 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	950.71	41083.	8454.1	933.35	1269.3
Stddev	8.86	87.	104.0	5.35	9.9
%RSD	.93214	.21270	1.2298	.57343	.78298
#1	956.79	41157.	8385.3	939.51	1274.4
#2	954.80	40987.	8573.7	930.77	1275.8
#3	940.54	41106.	8403.3	929.78	1257.9

Sample Name: S6 Acquired: 11/18/2023 13:31:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) 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	79.938	48.265	28.303	11.569	5.2468
Stddev	.292	.433	.264	.104	.0430
%RSD	.36483	.89628	.93398	.89913	.81918

#1	79.642	48.257	28.123	11.503	5.2331
#2	79.947	47.836	28.179	11.515	5.2123
#3	80.225	48.701	28.606	11.689	5.2949

Int. Std.	Y_3710
Units	Cts/S
Avg	8174.3
Stddev	28.4
%RSD	.34804

#1	8192.6
#2	8188.8
#3	8141.5

Sample Name: ICV003 Acquired: 11/18/2023 14:09:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .8870485	1.012568	.9561295	.9296374	.9020291	2.395253
Stddev	.0017919	.004506	.0019435	.0111706	.0044566	.033730
%RSD	.2020018	.4449723	.2032693	1.201607	.4940613	1.408208

#1	.8890860	1.013204	.9567004	.9184040	.9005196	2.381352
#2	.8863416	1.016723	.9577237	.9407441	.9070444	2.433712
#3	.8857180	1.007779	.9539645	.9297640	.8985234	2.370694

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5308392	.5316553	.4799967	9.973794	.5354120	.4725700
Stddev	.0116090	.0093105	.0006403	.161131	.0023014	.0024283
%RSD	2.186916	1.751236	.1333930	1.615542	.4298317	.5138496

#1	.5261334	.5299372	.4794701	9.894171	.5332050	.4700167
#2	.5440623	.5417053	.4807094	10.15924	.5377973	.4748502
#3	.5223220	.5233235	.4798106	9.86798	.5352336	.4728432

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5010341	10.61650	.5466706	5.450190	.4852152	.2390061
Stddev	.0041454	.14189	.0076594	.067171	.0019724	.0003627
%RSD	.8273771	1.336460	1.401108	1.232458	.4065036	.1517329

#1	.4969513	10.53538	.5435057	5.443284	.4844130	.2385874
#2	.5052395	10.78033	.5554053	5.520548	.4874623	.2392089
#3	.5009114	10.53378	.5411008	5.386739	.4837702	.2392220

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.541473	.5134005	F .8533523	9.232994	F -.002922	5.184828
Stddev	.116910	.0066822	.0215633	.028277	.002126	.076004
%RSD	1.225286	1.301565	2.526899	.3062574	72.74269	1.465887

#1	9.603168	.5081687	.8417368	9.200940	-.003397	5.173812
#2	9.614613	.5209280	.8400867	9.254407	-.000599	5.265739
#3	9.406639	.5111048	.8782333	9.243634	-.004771	5.114933

Sample Name: ICV003 Acquired: 11/18/2023 14:09:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000477	F .0049059	F -.008491	F .0011306	F .0004045	F -.000146
Stddev	.000223	.0026641	.000433	.0006084	.0004659	.000777
%RSD	46.68376	54.30354	5.098739	53.81224	115.1933	532.1822
#1	-.000730	.0021547	-.007996	.0004295	.0002432	-.000950
#2	-.000310	.0050897	-.008680	.0014429	.0009296	-.000088
#3	-.000391	.0074733	-.008798	.0015193	.0000406	.000600

Elem	Sr4077
Units	ppm
Avg	F -.009398
Stddev	.000101
%RSD	1.069832
#1	-.009357
#2	-.009513
#3	-.009325

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1292.960	48924.27	8831.096	1223.224	1807.690
Stddev	4.710	245.64	108.117	16.876	4.930
%RSD	.3642513	.5020790	1.224281	1.379645	.2727402
#1	1296.712	49122.81	8878.239	1228.013	1811.208
#2	1287.675	49000.42	8707.412	1237.188	1802.054
#3	1294.494	48649.57	8907.637	1204.471	1809.807

Sample Name: ICB003 Acquired: 11/18/2023 14:13:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050513	.0027094	.0016713	.0009977	.0051581	F .4323282
Stddev	.0010368	.0034435	.0007138	.0065848	.0004969	.0121314
%RSD	20.52608	127.0941	42.70647	660.0108	9.633614	2.806051

#1	.0057290	-.001141	.0010375	-.006236	.0056170	.4456537
#2	.0055672	.005494	.0024445	.002585	.0046304	.4294063
#3	.0038577	.003776	.0015320	.006644	.0052270	.4219247

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000116	-.000010	-.000006	.0050458	-.000439	.0001064
Stddev	.000157	.000059	.000071	.0019332	.000149	.0000574
%RSD	135.6903	593.6358	1138.110	38.31375	33.87573	53.94264

#1	.000063	-.000021	.000022	.0031215	-.000274	.0001612
#2	-.000234	.000054	-.000087	.0069878	-.000479	.0001111
#3	-.000176	-.000063	.000046	.0050282	-.000564	.0000468

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015381	.0001399	-.000103	-.004513	-.000212	.0002087
Stddev	.0005251	.0009098	.000136	.002853	.000400	.0005007
%RSD	34.14289	650.2888	132.7726	63.20937	188.7304	239.8595

#1	.0021396	.0005265	-.000219	-.001228	-.000647	.0005637
#2	.0011709	.0007925	.000047	-.005953	-.000130	-.000364
#3	.0013037	-.000899	-.000136	-.006360	.000141	.000426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516358	-.000549	.0019634	-.011220	-.002826	.0112453
Stddev	.0814804	.000780	.0010659	.047781	.002232	.0004749
%RSD	157.7984	141.9787	54.28895	425.8472	78.96469	4.223375

#1	.1441136	-.001416	.0024512	-.051413	-.003349	.0117410
#2	-.009601	-.000327	.0026981	.041608	-.004750	.0107942
#3	.020395	.000095	.0007409	-.023856	-.000380	.0112008

Sample Name: ICB003 Acquired: 11/18/2023 14:13:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000201	-.002310	-.008096	.0015795	.0018979	.0002904
Stddev	.000361	.004828	.000290	.0009365	.0000931	.0004855
%RSD	179.1305	209.0200	3.584084	59.29061	4.904217	167.2065

#1	-.000517	.002371	-.008178	.0026101	.0019988	.0007489
#2	-.000279	-.002028	-.008336	.0013474	.0018153	-.000218
#3	.000192	-.007272	-.007773	.0007808	.0018796	.000340

Elem	Sr4077
Units	ppm
Avg	-.000057
Stddev	.000026
%RSD	45.78199

#1	-.000075
#2	-.000027
#3	-.000068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.089	49805.51	8861.458	1235.506	1902.245
Stddev	1.553	203.67	104.985	6.116	1.038
%RSD	.1182970	.4089263	1.184740	.4949796	.0545503

#1	1312.766	49570.74	8744.825	1229.237	1903.326
#2	1314.779	49934.76	8891.150	1241.456	1902.152
#3	1311.723	49911.04	8948.400	1235.826	1901.257

Sample Name: ICSA003 Acquired: 11/18/2023 14:17:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060516	-.011427	.0010445	.0229964	.0017370	255.2581
Stddev	.0120019	.003664	.0024859	.0092868	.0018411	1.5286
%RSD	198.3260	32.06453	238.0036	40.38401	105.9939	.5988268

#1	.0151684	-.009929	-.001544	.0131807	.0016471	254.1312
#2	-.007546	-.015603	.003414	.0316438	.0036215	256.9980
#3	.010532	-.008750	.001263	.0241646	-.000058	254.6449

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065705	.0013362	-.000307	253.9691	.0529837	-.000927
Stddev	.0005746	.0001033	.000121	2.8714	.0005703	.000943
%RSD	8.745097	7.728808	39.30216	1.130604	1.076362	101.8095

#1	.0062056	.0014546	-.000418	252.2892	.0536200	-.001981
#2	.0072328	.0012647	-.000179	257.2846	.0528123	-.000636
#3	.0062730	.0012892	-.000325	252.3336	.0525188	-.000163

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012615	105.2135	.0108505	246.7784	.0025710	-.007697
Stddev	.001637	.8186	.0005906	2.4412	.0006494	.000379
%RSD	12.97527	.7780621	5.443526	.9892375	25.25826	4.927124

#1	-.011531	104.7922	.0115196	245.4812	.0024351	-.007959
#2	-.011816	106.1570	.0106305	249.5944	.0020003	-.007870
#3	-.014498	104.6914	.0104015	245.2596	.0032776	-.007262

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2154285	.0008758	-.036082	-.108091	-.006686	F -.038902
Stddev	.2378752	.0026241	.000515	.030282	.002553	.001788
%RSD	110.4195	299.6067	1.428424	28.01523	38.18057	4.597099

#1	-.047848	.0012462	-.036490	-.143057	-.004813	-.040596
#2	.414881	-.001914	-.035503	-.090449	-.009593	-.037032
#3	.279252	.003295	-.036253	-.090767	-.005651	-.039077

Sample Name: ICSA003 Acquired: 11/18/2023 14:17:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001844	.0034670	-.012917	.0010508	.0005829	.0016492
Stddev	.000657	.0096005	.000121	.0019475	.0006509	.0007164
%RSD	35.62816	276.9128	.9389752	185.3451	111.6631	43.44002

#1	-.002217	-.003006	-.012814	-.000008	.0003990	.0009674
#2	-.001085	.014497	-.012887	.003298	.0013060	.0015844
#3	-.002228	-.001090	-.013050	-.000138	.0000438	.0023958

Elem	Sr4077
Units	ppm
Avg	.0020115
Stddev	.0009706
%RSD	48.25128

#1	.0023637
#2	.0009140
#3	.0027568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1172.544	44270.04	8648.096	1114.628	1469.752
Stddev	10.264	103.86	78.196	11.110	11.890
%RSD	.8753989	.2346018	.9042001	.9967018	.8090039

#1	1161.605	44361.24	8684.087	1119.517	1456.950
#2	1181.965	44291.88	8558.385	1122.454	1480.449
#3	1174.062	44157.00	8701.816	1101.912	1471.857

Sample Name: ICSAB003 Acquired: 11/18/2023 14:21:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969150	.0898888	.0552963	.0779446	.5929799	257.7915
Stddev	.0090538	.0026131	.0022773	.0087613	.0058379	.1402
%RSD	9.342032	2.907083	4.118335	11.24048	.9845095	.0543799

#1	.0989658	.0902113	.0532139	.0829341	.5921825	257.7739
#2	.1047676	.0871294	.0577281	.0830716	.5875816	257.6610
#3	.0870117	.0923257	.0549469	.0678282	.5991756	257.9398

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5670258	.5386216	1.041563	256.6284	.5929229	.5112263
Stddev	.0016448	.0051274	.011990	.6052	.0023156	.0056027
%RSD	.2900817	.9519492	1.151123	.2358285	.3905402	1.095936

#1	.5664815	.5385932	1.034724	256.3711	.5953608	.5075540
#2	.5657220	.5335084	1.034558	256.1945	.5907530	.5084499
#3	.5688737	.5437631	1.055408	257.3198	.5926548	.5176751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924940	106.4638	.5597183	249.5766	1.035008	.1968538
Stddev	.0028404	.1845	.0011289	.3717	.012428	.0004051
%RSD	.5767438	.1732610	.2016970	.1489229	1.200759	.2057664

#1	.4919187	106.3328	.5584911	249.4695	1.028812	.1965179
#2	.4899853	106.3839	.5599513	249.2703	1.026896	.1967397
#3	.4955781	106.6748	.5607126	249.9901	1.049316	.1973036

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1395788	.5311076	.9283335	-.177601	-.005951	F -.043622
Stddev	.0837209	.0023380	.0088545	.048794	.006772	.002061
%RSD	59.98113	.4402090	.9538063	27.47385	113.7965	4.723625

#1	.0430844	.5336615	.9251294	-.189451	-.009954	-.043121
#2	.1929072	.5305884	.9383440	-.123974	.001868	-.045887
#3	.1827448	.5290728	.9215270	-.219379	-.009765	-.041858

Sample Name: ICSAB003 Acquired: 11/18/2023 14:21:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002525	.0041019	-.011366	.0006205	-.001021	.0023981
Stddev	.000749	.0108807	.000567	.0009003	.001091	.0014925
%RSD	29.64827	265.2593	4.986772	145.0968	106.8541	62.23967

#1	-.002860	.0142043	-.011639	.0016162	-.002094	.0009273
#2	-.003047	.0055197	-.011744	.0003815	-.001058	.0039114
#3	-.001667	-.007418	-.010714	-.000136	.000088	.0023555

Elem	Sr4077
Units	ppm
Avg	.0003686
Stddev	.0003335
%RSD	90.48733

#1	.0007407
#2	.0002682
#3	.0000968

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.803	44627.44	8731.151	1117.861	1465.823
Stddev	10.696	85.77	61.561	4.673	13.535
%RSD	.9135995	.1921965	.7050713	.4180275	.9233425

#1	1178.302	44562.55	8736.175	1120.685	1474.319
#2	1175.553	44595.09	8790.046	1112.468	1472.936
#3	1158.554	44724.68	8667.232	1120.431	1450.215

Sample Name: CCV020 Acquired: 11/18/2023 14:25:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.549708	4.557216	23.83593	4.693099	4.837363	392.4129
Stddev	.024261	.017343	.03542	.007450	.024699	4.4997
%RSD	.5332430	.3805596	.1485858	.1587533	.5105798	1.146685

#1	4.571338	4.542466	23.80285	4.696028	4.856918	395.8881
#2	4.554312	4.552859	23.83166	4.698640	4.845564	394.0205
#3	4.523476	4.576321	23.87329	4.684629	4.809607	387.3302

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.63378	.4984318	2.393319	406.3312	14.88880	2.432775
Stddev	.15865	.0024457	.004326	1.8088	.18078	.007043
%RSD	1.491942	.4906873	.1807681	.4451471	1.214206	.2895177

#1	10.45625	.4969629	2.388829	407.1882	14.69031	2.428761
#2	10.76170	.5012551	2.393668	407.5521	15.04401	2.428657
#3	10.68338	.4970773	2.397460	404.2532	14.93209	2.440908

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.19878	408.6913	15.09626	397.5142	2.447078	1.271143
Stddev	.04730	1.4081	.05249	.7608	.005663	.015763
%RSD	.3330922	.3445346	.3477149	.1913990	.2314084	1.240068

#1	14.16015	409.5866	15.11724	397.6995	2.443789	1.253323
#2	14.25153	409.4189	15.13501	398.1653	2.443828	1.283263
#3	14.18468	407.0682	15.03652	396.6779	2.453616	1.276844

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.8311	2.521658	14.43832	149.1475	4.811616	4.770977
Stddev	1.5614	.010987	.15039	.3393	.034425	.011535
%RSD	.3954560	.4357111	1.041575	.2274672	.7154541	.2417735

#1	396.1478	2.534304	14.30951	149.4580	4.779364	4.758130
#2	395.2394	2.516221	14.60358	149.1991	4.807620	4.780445
#3	393.1061	2.514450	14.40188	148.7854	4.847865	4.774357

Sample Name: CCV020 Acquired: 11/18/2023 14:25:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.687453	4.935194	F 6.510999	4.921922	4.953533	5.367080
Stddev	.006970	.012693	.032703	.008568	.009551	.029936
%RSD	.1486854	.2571859	.5022729	.1740832	.1928090	.5577728
#1	4.691886	4.936986	6.479664	4.919994	4.956792	5.393057
#2	4.691053	4.921701	6.544917	4.914482	4.961028	5.373842
#3	4.679420	4.946896	6.508415	4.931290	4.942779	5.334341

Elem	Sr4077
Units	ppm
Avg	4.663425
Stddev	.081056
%RSD	1.738126
#1	4.742994
#2	4.666322
#3	4.580960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.871	40518.41	8279.933	971.4879	1287.951
Stddev	3.566	449.20	45.145	13.0579	1.958
%RSD	.3490129	1.108621	.5452329	1.344118	.1520350
#1	1018.187	40964.58	8286.352	979.5205	1287.845
#2	1022.119	40066.25	8231.922	956.4209	1289.959
#3	1025.307	40524.40	8321.525	978.5222	1286.047

Sample Name: CCB020 Acquired: 11/18/2023 14:29:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025548	.0015447	.0014726	.0043696	-.000367	.0125756	.0002779
Stddev	.0042820	.0028179	.0005774	.0016070	.001059	.0031085	.0001922
%RSD	167.6069	182.4279	39.21281	36.77641	288.1832	24.71839	69.13742

#1	.0061851	.0032205	.0008177	.0038852	.000855	.0145454	.0002971
#2	.0036468	-.001709	.0016914	.0061630	-.000959	.0141893	.0004598
#3	-.002167	.003122	.0019087	.0030605	-.000998	.0089921	.0000769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000396	-.000011	.0124592	.0000896	.0003195	.0037418	.0199593
Stddev	.0000583	.000062	.0129987	.0003860	.0001895	.0019511	.0133859
%RSD	147.1600	573.0104	104.3303	430.8423	59.29802	52.14359	67.06606

#1	.0001064	-.000042	.0238038	.0004912	.0002852	.0021249	.0252058
#2	.0000141	.000060	.0152981	.0000561	.0001495	.0031917	.0299272
#3	-.000002	-.000050	-.001724	-.000279	.0005238	.0059090	.0047448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007968	.0170225	-.000272	-.000083	-.009250	-.000657	.0001474
Stddev	.0000927	.0283162	.000063	.000505	.232394	.001125	.0004805
%RSD	11.63224	166.3456	23.15408	607.4800	2512.351	171.1929	325.9220

#1	.0006903	.0115707	-.000343	-.000630	.244611	.000303	.0002417
#2	.0008587	-.008171	-.000225	.000014	-.060861	-.000379	-.000373
#3	.0008415	.047668	-.000248	.000366	-.211500	-.001896	.000574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016408	-.001186	.0072356	.0010673	-.004705	-.010098	.0020865
Stddev	.060465	.002361	.0009274	.0002089	.004398	.001421	.0008854
%RSD	368.5114	199.0651	12.81787	19.57285	93.45752	14.07176	42.43288

#1	.033381	.001222	.0069390	.0012906	-.004732	-.009383	.0030949
#2	-.083692	-.001283	.0082750	.0008766	-.000295	-.009178	.0014368
#3	.001087	-.003497	.0064926	.0010348	-.009090	-.011735	.0017278

Sample Name: CCB020 Acquired: 11/18/2023 14:29:47 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB020 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017512	.0009125	.0001173
Stddev	.0005431	.0012067	.0000742
%RSD	31.01096	132.2445	63.30665

#1	.0022606	.0008366	.0001822
#2	.0011798	-.000254	.0000363
#3	.0018134	.002155	.0001332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.526	49683.58	8900.742	1238.237	1907.875
Stddev	2.563	200.44	41.422	7.079	2.346
%RSD	.1952831	.4034289	.4653761	.5717033	.1229856

#1	1310.645	49724.78	8888.425	1235.718	1905.167
#2	1311.487	49860.22	8866.875	1246.231	1909.313
#3	1315.445	49465.75	8946.925	1232.762	1909.144

Sample Name: PB157033BL Acquired: 11/18/2023 14:33:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006805	.0024485	.0021665	.0033163	.0016031	-.007481	-.000294
Stddev	.0028361	.0018548	.0014139	.0077357	.0011429	.006849	.000362
%RSD	416.7540	75.75254	65.26407	233.2669	71.29346	91.55609	123.0967

#1	-.000594	.0007283	.0036480	-.004427	.0023181	-.008702	-.000453
#2	-.001295	.0022037	.0008317	.011045	.0002850	-.013638	.000120
#3	.003930	.0044136	.0020197	.003331	.0022063	-.000104	-.000548

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000160	-.000053	.0061807	-.000092	.0000942	.0022116	.0011828
Stddev	.0000430	.000066	.0070396	.000069	.0001905	.0011440	.0023951
%RSD	268.6437	125.5769	113.8977	74.39072	202.2737	51.72680	202.4911

#1	.0000006	.000013	.0136598	-.000043	-.000102	.0017262	.0001687
#2	.0000646	-.000120	-.000316	-.000063	.000106	.0035182	-.000538
#3	-.000017	-.000051	.005199	-.000170	.000278	.0013903	.003918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000612	-.009139	.0000350	.0002358	.0890579	-.001295	.0000835
Stddev	.000110	.010713	.0002052	.0001704	.1992655	.002067	.0008130
%RSD	17.93645	117.2229	585.8176	72.28602	223.7483	159.6050	973.6539

#1	-.000566	.002470	.0000742	.0001092	-.040947	-.000879	-.000793
#2	-.000533	-.011244	.0002178	.0004296	-.010350	-.003538	.000231
#3	-.000737	-.018644	-.000187	.0001686	.318471	.000533	.000813

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.113180	.0018352	.0055645	.0002678	-.008093	-.008762	.0000423
Stddev	.033591	.0019541	.0013632	.0000963	.003242	.000895	.0006448
%RSD	29.67905	106.4827	24.49804	35.94557	40.05930	10.21603	1525.493

#1	-.102891	.0036372	.0067293	.0003586	-.010587	-.008630	.0005980
#2	-.085937	-.000242	.0058991	.0002781	-.009265	-.007940	-.000665
#3	-.150712	.002110	.0040652	.0001668	-.004428	-.009716	.000194

Sample Name: PB157033BL Acquired: 11/18/2023 14:33:56 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009338	-.000276	-.000023
Stddev	.0004537	.000213	.000027
%RSD	48.58741	77.02198	119.3223

#1	.0004227	-.000515	-.000041
#2	.0010895	-.000206	.000008
#3	.0012891	-.000107	-.000035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.843	49684.67	8672.425	1241.948	1905.230
Stddev	3.611	369.18	281.642	19.442	3.325
%RSD	.2760712	.7430406	3.247558	1.565418	.1745244

#1	1303.685	50065.11	8353.500	1262.612	1901.757
#2	1310.184	49661.00	8776.775	1224.019	1908.384
#3	1309.661	49327.89	8887.000	1239.214	1905.550

Sample Name: PB157033BS Acquired: 11/18/2023 14:38:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259596	.0510841	.0210576	.0709169	.1130640	.4126452
Stddev	.0099559	.0029299	.0018424	.0077230	.0015566	.0090823
%RSD	38.35147	5.735521	8.749521	10.89018	1.376786	2.200998

#1	.0293212	.0517422	.0194655	.0636264	.1137126	.4067214
#2	.0147580	.0536290	.0206316	.0790097	.1112879	.4081123
#3	.0337994	.0478810	.0230757	.0701144	.1141915	.4231017

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4269557	.0108767	.0099790	10.52946	.0216714	.0955996
Stddev	.0030725	.0000882	.0000523	.06886	.0003588	.0002907
%RSD	.7196169	.8104426	.5240544	.6539296	1.655450	.3040844

#1	.4237492	.0108282	.0100370	10.45210	.0218444	.0957876
#2	.4272442	.0108235	.0099644	10.55224	.0212589	.0952647
#3	.4298737	.0109784	.0099355	10.58404	.0219108	.0957463

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547995	.2157640	.0344056	9.746747	.0785562	.0210343
Stddev	.0018203	.0075231	.0002038	.061729	.0002547	.0005261
%RSD	3.321794	3.486711	.5923470	.6333321	.3242438	2.500893

#1	.0547560	.2239487	.0344365	9.728317	.0787560	.0215640
#2	.0530014	.2091509	.0341881	9.696332	.0786432	.0210269
#3	.0566412	.2141922	.0345921	9.815592	.0782694	.0205120

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.855543	.1063194	.1089647	9.667282	F .0135539	F .2423982
Stddev	.167441	.0031458	.0040081	.059676	.0036306	.0030590
%RSD	1.698957	2.958849	3.678308	.6173012	26.78603	1.261995

#1	9.735202	.1038867	.1117516	9.700232	.0121842	.2388950
#2	10.04677	.1051996	.1107713	9.598395	.0176700	.2437580
#3	9.78466	.1098719	.1043714	9.703218	.0108074	.2445416

Sample Name: PB157033BS Acquired: 11/18/2023 14:38:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS033 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204994	.1667562	F .1367523	.0137800	.2054686	.0302933
Stddev	.0002020	.0115302	.0030013	.0020504	.0004473	.0006145
%RSD	.9851897	6.914424	2.194671	14.87970	.2177052	2.028470

#1	.0205140	.1648259	.1334371	.0142189	.2050345	.0297747
#2	.0206938	.1563129	.1375355	.0155754	.2059281	.0301331
#3	.0202906	.1791298	.1392843	.0115457	.2054433	.0309720

Elem	Sr4077
Units	ppm
Avg	.2110231
Stddev	.0003828
%RSD	.1814069

#1	.2106189
#2	.2113802
#3	.2110703

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.336	48279.46	8781.502	1222.909	1801.558
Stddev	1.225	520.71	42.479	17.362	3.989
%RSD	.0952747	1.078542	.4837292	1.419703	.2214111

#1	1285.941	47729.70	8816.605	1202.897	1797.282
#2	1283.927	48343.50	8793.620	1231.879	1805.178
#3	1286.142	48765.20	8734.281	1233.951	1802.214

Sample Name: PB157034BL Acquired: 11/18/2023 14:44:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068954	.0044544	.0011659	.0094657	-.000681	-.004563	-.000384
Stddev	.0063695	.0021348	.0017516	.0016651	.001677	.004551	.000163
%RSD	92.37413	47.92585	150.2375	17.59118	246.2375	99.73793	42.42286

#1	.0115031	.0068254	-.000611	.0088703	-.001021	-.000385	-.000197
#2	-.000373	.0038527	.001218	.0113466	-.002162	-.003892	-.000498
#3	.009556	.0026849	.002891	.0081801	.001140	-.009412	-.000456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000405	-.000033	-.003195	-.000057	.0004182	.0027539	.0016851
Stddev	.0000210	.000085	.003668	.000055	.0003707	.0012789	.0035095
%RSD	51.96986	259.2090	114.8059	96.26153	88.65137	46.43918	208.2651

#1	.0000601	.000039	-.000251	.000005	-.000006	.0041076	-.000494
#2	.0000183	-.000011	-.002030	-.000098	.000580	.0025879	.005734
#3	.0000430	-.000126	-.007305	-.000079	.000681	.0015661	-.000184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000218	-.012710	-.000279	.0003429	.0674028	.0004073	.0014890
Stddev	.000408	.009795	.000285	.0003764	.0853994	.0013920	.0019952
%RSD	186.7659	77.06993	102.0424	109.7769	126.7001	341.7486	133.9963

#1	-.000017	-.014388	-.000576	.0007632	.1232240	.0018691	-.000775
#2	.000049	-.002184	-.000008	.0000367	.1098916	.0002553	.002253
#3	-.000687	-.021558	-.000253	.0002289	-.030907	-.000902	.002989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064754	.0012182	.0021877	-.000630	-.006168	-.009287	-.000029
Stddev	.014022	.0012070	.0011807	.000220	.006354	.000529	.001582
%RSD	21.65476	99.07752	53.97265	35.00613	103.0160	5.691795	5421.340

#1	-.048657	.0024766	.0034882	-.000375	-.002736	-.009554	.000782
#2	-.071294	.0011078	.0011830	-.000760	-.013499	-.008679	.000983
#3	-.074312	.0000702	.0018918	-.000754	-.002268	-.009630	-.001852

Sample Name: PB157034BL Acquired: 11/18/2023 14:44:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW034 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012518	-.000939	-.000046
Stddev	.0004208	.000606	.000023
%RSD	33.61598	64.54438	49.26956

#1	.0009540	-.001546	-.000056
#2	.0017333	-.000938	-.000020
#3	.0010682	-.000334	-.000063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.273	49736.85	8955.733	1238.100	1894.704
Stddev	1.915	77.19	39.188	4.608	1.755
%RSD	.1465165	.1552042	.4375761	.3721725	.0926315

#1	1306.871	49804.67	8918.150	1239.386	1896.375
#2	1309.358	49753.04	8996.350	1241.929	1892.876
#3	1305.591	49652.85	8952.700	1232.986	1894.862

Sample Name: PB157034BS Acquired: 11/18/2023 14:48:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229834	.0513325	.0216105	.0710263	.1143792	.3841971
Stddev	.0018330	.0024785	.0015636	.0041041	.0024161	.0079938
%RSD	7.975536	4.828343	7.235279	5.778261	2.112346	2.080656

#1	.0246861	.0540349	.0227446	.0684338	.1155381	.3823560
#2	.0232209	.0507971	.0198268	.0688871	.1116020	.3929509
#3	.0210432	.0491654	.0222600	.0757581	.1159975	.3772845

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4294703	.0107738	.0100248	10.44461	.0209510	.0958439
Stddev	.0080623	.0002884	.0000134	.15937	.0005622	.0002227
%RSD	1.877256	2.677362	.1336287	1.525831	2.683423	.2323721

#1	.4213037	.0104507	.0100275	10.28360	.0210940	.0959723
#2	.4374240	.0110053	.0100103	10.60228	.0203311	.0955868
#3	.4296832	.0108654	.0100367	10.44794	.0214279	.0959727

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545958	.2197760	.0341496	9.700466	.0792143	.0206266
Stddev	.0043199	.0103801	.0005662	.104640	.0004266	.0002530
%RSD	7.912524	4.723012	1.658025	1.078711	.5385202	1.226658

#1	.0501424	.2100381	.0341651	9.588988	.0788158	.0209133
#2	.0587685	.2306968	.0347079	9.796566	.0791630	.0205319
#3	.0548766	.2185931	.0335758	9.715844	.0796643	.0204346

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.812046	.1091610	.1106955	9.604598	F .0137328	F .2328740
Stddev	.138811	.0021983	.0024033	.096531	.0033375	.0040755
%RSD	1.414705	2.013773	2.171092	1.005046	24.30295	1.750075

#1	9.682196	.1097290	.1118242	9.497758	.0099042	.2285881
#2	9.795591	.1110194	.1079356	9.685533	.0160279	.2367000
#3	9.958352	.1067344	.1123266	9.630503	.0152664	.2333340

Sample Name: PB157034BS Acquired: 11/18/2023 14:48:23 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS034 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198244	.1672839	F .1328216	.0151793	.2034989	.0321685
Stddev	.0006733	.0059982	.0031986	.0005653	.0014083	.0020773
%RSD	3.396398	3.585616	2.408193	3.724196	.6920306	6.457679
#1	.0194291	.1656884	.1295784	.0157692	.2033342	.0301843
#2	.0194422	.1739184	.1359737	.0146423	.2049823	.0343279
#3	.0206018	.1622448	.1329127	.0151263	.2021803	.0319932

Elem	Sr4077
Units	ppm
Avg	.2073270
Stddev	.0000683
%RSD	.0329348
#1	.2074020
#2	.2073104
#3	.2072685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1287.880	48431.15	8909.330	1219.015	1790.687
Stddev	1.590	217.43	135.766	7.162	2.016
%RSD	.1234809	.4489466	1.523862	.5875061	.1125709
#1	1289.291	48443.54	9065.856	1216.426	1791.994
#2	1288.192	48642.12	8823.521	1227.112	1791.701
#3	1286.156	48207.79	8838.612	1213.508	1788.366

Sample Name: O5146-16A Acquired: 11/18/2023 14:52:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045208	-.001010	.0208020	.0021199	-.000219	.2959414	.1794688
Stddev	.0062216	.001683	.0011553	.0060247	.001882	.0395280	.0019398
%RSD	137.6214	166.6350	5.553759	284.2039	859.7193	13.35671	1.080882

#1	.0110372	-.000110	.0219382	.0080535	-.000681	.2504902	.1804117
#2	.0038821	-.002951	.0196285	-.003992	-.001826	.3222873	.1807570
#3	-.001357	.000032	.0208393	.002298	.001851	.3150466	.1772378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	-.000114	113.1889	.0311712	-.002404	.0077893	.1046911
Stddev	.000053	.000075	1.0098	.0000467	.000259	.0025053	.0024647
%RSD	67.63299	65.89974	.8921478	.1497410	10.78034	32.16403	2.354267

#1	-.000129	-.000093	113.5225	.0311823	-.002166	.0086362	.1028627
#2	-.000023	-.000198	113.9897	.0311200	-.002680	.0049702	.1037166
#3	-.000082	-.000052	112.0545	.0312113	-.002366	.0097614	.1074941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158624	31.78793	.0009334	.0004474	117.9595	.0056441	.0911406
Stddev	.0006746	.30091	.0005698	.0004720	1.2208	.0015055	.0006593
%RSD	4.253085	.9466115	61.04745	105.5087	1.034899	26.67436	.7233653

#1	.0159870	31.76488	.0010687	.0000351	118.8011	.0073818	.0910226
#2	.0151341	32.09969	.0003081	.0009623	118.5181	.0047304	.0905482
#3	.0164659	31.49920	.0014234	.0003447	116.5594	.0048201	.0918509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.928766	.0101803	.0834945	.0004293	27.88610	17.12484	-.001136
Stddev	.057872	.0030366	.0008290	.0003235	.09160	.17363	.000829
%RSD	.9761267	29.82766	.9928922	75.37120	.3284898	1.013935	72.97749

#1	5.885235	.0135514	.0834016	.0000861	27.80451	17.31919	-.000808
#2	5.906623	.0076594	.0827159	.0004729	27.98519	17.07032	-.002078
#3	5.994440	.0093303	.0843661	.0007288	27.86859	16.98501	-.000521

Sample Name: O5146-16A Acquired: 11/18/2023 14:52:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000277	.0033639	1.157926
Stddev	.000566	.0007077	.001430
%RSD	204.4193	21.03848	.1234915

#1	.000161	.0041811	1.158896
#2	-.000916	.0029563	1.156284
#3	-.000076	.0029544	1.158598

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.806	45486.80	8687.269	1128.191	1609.626
Stddev	.546	369.69	66.139	7.300	4.923
%RSD	.0454342	.8127394	.7613290	.6470751	.3058311

#1	1202.869	45785.00	8664.838	1135.147	1608.234
#2	1203.319	45073.17	8635.263	1120.589	1605.550
#3	1202.231	45602.22	8761.706	1128.838	1615.095

Sample Name: O5147-05A Acquired: 11/18/2023 14:56:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDX8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035590	-.004448	.0155689	.0015381	-.002619	.1936031	.1579996
Stddev	.0049131	.004849	.0014936	.0048723	.002696	.0090046	.0011670
%RSD	138.0498	108.9966	9.593489	316.7738	102.9134	4.651045	.7385920

#1	-.001765	.000779	.0139337	-.003391	-.005176	.1978033	.1584123
#2	.007917	-.008798	.0168612	.001654	-.002878	.1997402	.1589041
#3	.004525	-.005327	.0159117	.006351	.000197	.1832658	.1566824

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000170	101.5457	.2921098	-.001647	.0039990	.1545494
Stddev	.000071	.000043	.7648	.0005911	.000246	.0019860	.0019535
%RSD	578.4739	25.34020	.7532054	.2023439	14.92533	49.66289	1.264024

#1	.000020	-.000212	101.7385	.2927560	-.001382	.0056226	.1555105
#2	-.000093	-.000126	102.1957	.2915966	-.001868	.0045899	.1523015
#3	.000037	-.000171	100.7029	.2919768	-.001691	.0017846	.1558362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087841	29.29090	.0114533	.0001869	93.65400	.0069821	.0056297
Stddev	.0002152	.29146	.0007290	.0003209	.45014	.0004467	.0025338
%RSD	2.450384	.9950569	6.365187	171.6841	.4806423	6.397369	45.00779

#1	.0085675	29.43317	.0120136	.0003668	93.81189	.0074411	.0083133
#2	.0087867	29.48391	.0106291	-.000184	94.00392	.0065489	.0032785
#3	.0089980	28.95563	.0117172	.000378	93.14618	.0069564	.0052972

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.381573	.0162007	.0499045	.0004438	23.11161	16.64843	-.002901
Stddev	.031604	.0046747	.0008370	.0001887	.06026	.26706	.003379
%RSD	.5872678	28.85509	1.677147	42.52899	.2607562	1.604095	116.4808

#1	5.408059	.0121107	.0498314	.0002614	23.16853	16.52872	-.004072
#2	5.390071	.0212965	.0507756	.0006383	23.04848	16.95440	.000908
#3	5.346588	.0151950	.0491065	.0004315	23.11783	16.46218	-.005538

Sample Name: O5147-05A Acquired: 11/18/2023 14:56:47 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYCDX8A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006761	.0046695	1.090602
Stddev	.0006190	.0014086	.004443
%RSD	91.54750	30.16611	.4074238

#1	.0012884	.0062035	1.085834
#2	.0000507	.0043712	1.094628
#3	.0006893	.0034340	1.091343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.916	45988.40	8725.441	1141.340	1641.834
Stddev	1.265	411.84	96.289	8.705	3.820
%RSD	.1043007	.8955407	1.103547	.7626756	.2326938

#1	1211.471	45664.00	8753.984	1142.340	1638.736
#2	1213.455	46451.75	8618.107	1149.502	1640.664
#3	1213.822	45849.45	8804.232	1132.179	1646.103

Sample Name: O5150-01 Acquired: 11/18/2023 15:09:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCE14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078467	.0024853	.0014089	.0042976	-.001010	.0199127	.0004919
Stddev	.0034321	.0007932	.0010447	.0044209	.001261	.0061779	.0000668
%RSD	43.73916	31.91751	74.14991	102.8701	124.8048	31.02495	13.57574

#1	.0115069	.0032477	.0024342	-.000404	-.002168	.0193997	.0004219
#2	.0073322	.0016645	.0003459	.004927	.000333	.0140074	.0004988
#3	.0047009	.0025437	.0014466	.008370	-.001197	.0263312	.0005549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000476	-.000054	.0539560	.0000736	.0002288	.0012556	.0079275
Stddev	.0000551	.000084	.0029917	.0003233	.0004405	.0021930	.0090318
%RSD	115.6953	155.1553	5.544714	439.2589	192.4843	174.6526	113.9301

#1	.0000913	-.000036	.0540274	.0003117	.0003179	-.001125	.0058340
#2	-.000014	.000019	.0509293	-.000294	-.000249	.003193	.0001263
#3	.000066	-.000145	.0569114	.000204	.000618	.001699	.0178223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041038	-.012723	.0006085	.0005733	-.059809	-.001723	.0121784
Stddev	.0002648	.010288	.0005784	.0002109	.127438	.000985	.0022373
%RSD	6.452517	80.85740	95.05139	36.78891	213.0741	57.17426	18.37121

#1	.0038360	-.003657	.0012758	.0007298	-.044662	-.000587	.0145785
#2	.0041099	-.023904	.0002979	.0003335	-.194144	-.002345	.0101505
#3	.0043655	-.010609	.0002518	.0006568	.059378	-.002236	.0118063

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.175413	-.000609	.0018283	-.000311	.0044898	-.008384	-.000777
Stddev	.050074	.003438	.0011404	.000115	.0020720	.001393	.001172
%RSD	28.54634	564.2451	62.37477	36.86494	46.14909	16.61016	150.8171

#1	-.152345	.003160	.0016831	-.000211	.0066785	-.008954	-.002113
#2	-.232864	-.001414	.0007675	-.000285	.0042324	-.009401	-.000296
#3	-.141031	-.003573	.0030343	-.000436	.0025586	-.006797	.000078

Sample Name: O5150-01 Acquired: 11/18/2023 15:09:15 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYCE14 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021426	-.000882	.0002124
Stddev	.0007836	.000320	.0000146
%RSD	36.57171	36.23425	6.892266

#1	.0015884	-.000823	.0002276
#2	.0018003	-.000596	.0002114
#3	.0030390	-.001227	.0001983

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.597	51453.70	8915.392	1307.297	2005.786
Stddev	2.210	325.24	498.749	13.780	4.905
%RSD	.1603165	.6321096	5.594250	1.054113	.2445452

#1	1376.242	51080.59	9214.250	1291.534	2000.381
#2	1380.625	51603.10	9192.300	1317.059	2009.955
#3	1378.925	51677.39	8339.625	1313.299	2007.023

Sample Name: O5150-02 Acquired: 11/18/2023 15:13:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCE15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036757	-.000447	.0008561	.0037519	.0010042	.0669271	-.000029
Stddev	.0012487	.002037	.0011399	.0002082	.0008369	.0052230	.000344
%RSD	33.97044	455.4215	133.1518	5.548805	83.33368	7.804058	1176.817

#1	.0043281	-.000833	.0001691	.0037788	.0003828	.0666750	.000356
#2	.0022360	-.002263	.0002273	.0039453	.0019558	.0722716	-.000136
#3	.0044631	.001755	.0021719	.0035316	.0006741	.0618346	-.000307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000222	-.000026	.0237585	-.000049	.0000702	.0016689	.0083567
Stddev	.0000407	.000091	.0051018	.000447	.0002860	.0021609	.0009777
%RSD	183.2187	351.7069	21.47338	921.5823	407.1225	129.4781	11.69933

#1	.0000535	-.000047	.0265593	-.000406	-.000039	.0041533	.0089914
#2	.0000370	.000074	.0178698	.000453	.000395	.0006278	.0072309
#3	-.000024	-.000104	.0268464	-.000193	-.000145	.0002257	.0088480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023583	-.008547	.0005000	.0006152	.1243273	.0006534	.0063027
Stddev	.0003231	.016210	.0003882	.0002576	.0887134	.0012090	.0013091
%RSD	13.70035	189.6518	77.64140	41.86971	71.35475	185.0229	20.77068

#1	.0020149	-.022508	.0002344	.0005588	.1546358	.0019482	.0071689
#2	.0026562	.009231	.0003200	.0008962	.0244316	-.000446	.0069425
#3	.0024037	-.012364	.0009455	.0003904	.1939145	.000458	.0047967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201841	-.001020	.0021036	-.000332	.0120128	-.007618	.0006974
Stddev	.052080	.002879	.0005698	.000070	.0008856	.000991	.0003799
%RSD	25.80254	282.3311	27.08869	21.05779	7.372332	13.00811	54.48293

#1	-.150697	-.001541	.0023053	-.000267	.0110657	-.008241	.0002966
#2	-.200018	.002084	.0025451	-.000406	.0121524	-.006475	.0007432
#3	-.254809	-.003603	.0014603	-.000324	.0128203	-.008138	.0010523

Sample Name: O5150-02 Acquired: 11/18/2023 15:13:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCE15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020835	-.001192	.0000279
Stddev	.0009842	.001353	.0000113
%RSD	47.23596	113.5660	40.61941

#1	.0030094	-.002355	.0000355
#2	.0021913	.000294	.0000149
#3	.0010499	-.001514	.0000333

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.175	52043.31	9108.242	1315.823	1956.412
Stddev	28.235	519.20	151.614	12.215	41.993
%RSD	2.092759	.9976227	1.664576	.9283302	2.146418

#1	1355.332	52338.51	8981.250	1327.916	1967.050
#2	1318.369	51443.82	9067.375	1303.489	1910.124
#3	1373.823	52347.60	9276.100	1316.062	1992.064

Sample Name: O5148-16 Acquired: 11/18/2023 15:17:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038460	-.005635	.0195025	.0095103	-.000847	.1032499	.1844521
Stddev	.0066616	.001750	.0023104	.0091335	.001100	.0032965	.0026731
%RSD	173.2115	31.05951	11.84669	96.03799	129.9390	3.192708	1.449192

#1	.0086273	-.004508	.0220879	.0136112	.000006	.1027161	.1813862
#2	.0066737	-.004746	.0187798	.0158747	-.000457	.1002529	.1856760
#3	-.003763	-.007651	.0176399	-.000955	-.002088	.1067807	.1862941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	-.000032	116.7590	.0040699	-.002393	.0087448	.0059998
Stddev	.000029	.000104	1.2358	.0003065	.000210	.0004012	.0030208
%RSD	99.08674	321.8045	1.058459	7.531687	8.777425	4.587348	50.34812

#1	-.000048	.000084	115.3383	.0037327	-.002406	.0086368	.0094801
#2	.000004	-.000115	117.3531	.0043316	-.002176	.0091889	.0040576
#3	-.000044	-.000066	117.5856	.0041455	-.002596	.0084087	.0044617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024433	32.94240	.0006928	.0005783	121.7213	.0063072	.0823534
Stddev	.0001896	.28794	.0001871	.0000688	.9629	.0013575	.0016080
%RSD	7.758470	.8740828	27.00326	11.89885	.7910367	21.52308	1.952547

#1	.0022816	32.62634	.0008972	.0005877	120.6242	.0063092	.0841232
#2	.0026519	33.01103	.0005300	.0005053	122.1133	.0049487	.0809822
#3	.0023965	33.18983	.0006513	.0006419	122.4263	.0076637	.0819549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.144725	.0044585	.0851541	-.000264	28.95397	17.67890	-.004042
Stddev	.026947	.0087254	.0021241	.000356	.01904	.18887	.001794
%RSD	.4385380	195.7040	2.494378	135.1333	.0657646	1.068342	44.38089

#1	6.164488	-.004184	.0856532	-.000627	28.95483	17.47127	-.002960
#2	6.114030	.013265	.0869842	.000085	28.93451	17.72492	-.003053
#3	6.155657	.004294	.0828250	-.000250	28.97256	17.84051	-.006113

Sample Name: O5148-16 Acquired: 11/18/2023 15:17:31 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYCDS7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000854	.0039243	1.198503
Stddev	.000491	.0011889	.002498
%RSD	57.53492	30.29649	.2084583

#1	-.001055	.0036382	1.199343
#2	-.001212	.0029045	1.195693
#3	-.000294	.0052302	1.200473

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1196.736	45386.10	8688.133	1133.374	1597.980
Stddev	2.368	258.31	22.621	5.986	2.895
%RSD	.1978900	.5691366	.2603664	.5281455	.1811736

#1	1194.171	45275.23	8713.527	1126.670	1597.832
#2	1198.839	45201.73	8680.736	1135.267	1600.947
#3	1197.199	45681.33	8670.138	1138.184	1595.162

Sample Name: O5148-17 Acquired: 11/18/2023 15:21:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002405	-.002587	.0193879	.0004190	-.000015	.0766872	.1844918
Stddev	.007036	.006144	.0024055	.0033673	.002582	.0022163	.0011287
%RSD	292.5227	237.4902	12.40729	803.5752	17406.59	2.890080	.6117704

#1	-.002247	.004421	.0166680	-.003414	.002659	.0762345	.1834787
#2	.004550	-.005135	.0212357	.002900	-.002495	.0747322	.1857083
#3	-.009518	-.007047	.0202600	.001771	-.000208	.0790949	.1842883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000072	117.5254	.0047876	-.002199	.0075731	.0355268
Stddev	.000086	.000043	.6106	.0008102	.000214	.0000616	.0053070
%RSD	2305.657	59.52872	.5195318	16.92224	9.714889	.8130380	14.93812

#1	.000061	-.000121	116.9037	.0056469	-.002378	.0075248	.0376329
#2	-.000101	-.000048	118.1242	.0040377	-.002257	.0076424	.0394575
#3	.000029	-.000047	117.5485	.0046781	-.001963	.0075522	.0294900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193641	33.01167	.0014785	.0007768	122.4849	.0055972	.1010520
Stddev	.0004107	.15490	.0004111	.0007800	.6483	.0009938	.0036834
%RSD	2.121139	.4692395	27.80784	100.4130	.5293108	17.75505	3.645006

#1	.0191670	32.83337	.0019455	.0016748	121.8543	.0066419	.1036615
#2	.0198362	33.11322	.0011709	.0003880	123.1496	.0054859	.1026560
#3	.0190890	33.08840	.0013191	.0002676	122.4508	.0046637	.0968387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.241441	.0157096	.0852512	-.000338	28.87754	17.85729	-.003965
Stddev	.053457	.0045948	.0018541	.000143	.11009	.26558	.000846
%RSD	.8564899	29.24829	2.174811	42.27788	.3812404	1.487233	21.32560

#1	6.270518	.0209952	.0843539	-.000207	29.00369	17.58577	-.004937
#2	6.274057	.0126683	.0840165	-.000317	28.82815	17.86960	-.003564
#3	6.179747	.0134652	.0873832	-.000491	28.80080	18.11650	-.003395

Sample Name: O5148-17 Acquired: 11/18/2023 15:21:36 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYCDS7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002521	.0036950	1.201041
Stddev	.0001287	.0005995	.003813
%RSD	51.06422	16.22446	.3175142

#1	.0002783	.0030590	1.201570
#2	.0001123	.0042497	1.196991
#3	.0003657	.0037762	1.204562

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.133	45566.39	8630.407	1133.108	1610.536
Stddev	2.028	228.05	54.853	14.689	3.111
%RSD	.1687408	.5004797	.6355736	1.296364	.1931739

#1	1201.452	45397.96	8692.137	1122.357	1607.044
#2	1204.415	45475.31	8611.822	1127.122	1613.013
#3	1200.534	45825.91	8587.260	1149.846	1611.552

Sample Name: O5148-18 Acquired: 11/18/2023 15:25:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192545	.0430485	.0389389	.0723935	.1128409	.6762117	.6067391
Stddev	.0060295	.0073043	.0027040	.0052868	.0012847	.0369737	.0074411
%RSD	31.31461	16.96769	6.944138	7.302801	1.138525	5.467770	1.226417

#1	.0254868	.0346207	.0408782	.0750904	.1143239	.7113257	.6053774
#2	.0134508	.0469758	.0358501	.0663022	.1121309	.6796859	.6000728
#3	.0188258	.0475490	.0400883	.0757880	.1120680	.6376236	.6147670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099220	.0099402	124.3337	.0259493	.0948680	.0583263	.2482329
Stddev	.0000617	.0002071	1.3632	.0002098	.0018446	.0013006	.0013663
%RSD	.6218588	2.083458	1.096394	.8084299	1.944400	2.229817	.5504228

#1	.0098774	.0101730	124.2825	.0257926	.0969625	.0585158	.2467332
#2	.0099924	.0098711	122.9969	.0261877	.0941560	.0569414	.2494071
#3	.0098961	.0097765	125.7218	.0258677	.0934856	.0595218	.2485584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0385398	41.51162	.0785757	.0202806	128.7597	.1140966	.2001580
Stddev	.0007284	.45043	.0014658	.0001004	1.3971	.0015999	.0063285
%RSD	1.890043	1.085071	1.865417	.4952259	1.085063	1.402224	3.161764

#1	.0391352	41.45922	.0802637	.0202923	128.1226	.1156598	.1928625
#2	.0377276	41.08969	.0776238	.0203747	127.7947	.1124624	.2034418
#3	.0387568	41.98596	.0778397	.0201749	130.3619	.1141677	.2041696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.97414	.0301486	.6128399	.0208948	28.72471	17.36660	.0102904
Stddev	.08551	.0033757	.0009285	.0002555	.55881	.04978	.0019307
%RSD	.5352938	11.19702	.1515034	1.222837	1.945398	.2866428	18.76211

#1	16.00218	.0339769	.6120627	.0211856	29.36914	17.33378	.0096057
#2	15.87813	.0275991	.6125890	.0207924	28.37412	17.34215	.0087954
#3	16.04211	.0288699	.6138681	.0207064	28.43089	17.42388	.0124701

Sample Name: O5148-18 Acquired: 11/18/2023 15:25:41 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYCDS7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2022250	.0343753	1.380663
Stddev	.0017943	.0010694	.002665
%RSD	.8872696	3.111039	.1930109

#1	.2023825	.0347404	1.377922
#2	.2003572	.0331711	1.380822
#3	.2039354	.0352143	1.383244

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.784	45512.02	8713.912	1125.027	1591.371
Stddev	16.657	238.07	46.611	9.641	23.822
%RSD	1.395283	.5230901	.5349029	.8569473	1.496976

#1	1174.557	45301.71	8686.715	1117.406	1563.866
#2	1203.834	45770.48	8767.733	1135.865	1604.798
#3	1202.960	45463.87	8687.288	1121.810	1605.450

Sample Name: O5148-16LX5 Acquired: 11/18/2023 15:29:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097540	.0085512	.0077099	.0142533	.0120500	.4590190	.2842140
Stddev	.0006553	.0014977	.0018468	.0039774	.0008493	.1053016	.0032735
%RSD	6.718679	17.51493	23.95355	27.90517	7.048069	22.94058	1.151764

#1	.0099557	.0091707	.0067439	.0185454	.0128603	.5709534	.2876396
#2	.0102847	.0096399	.0098394	.0106920	.0111665	.4441792	.2838851
#3	.0090215	.0068431	.0065465	.0135224	.0121231	.3619245	.2811175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061433	.0061344	23.68381	.0259308	.0528174	.0342122	.1314614
Stddev	.0000714	.0000282	.29524	.0005207	.0010017	.0004654	.0046577
%RSD	1.161686	.4605502	1.246599	2.008161	1.896619	1.360265	3.543042

#1	.0061809	.0061121	23.95707	.0264095	.0539741	.0347392	.1273707
#2	.0060610	.0061661	23.72372	.0260064	.0522398	.0340397	.1365307
#3	.0061881	.0061248	23.37064	.0253763	.0522382	.0338577	.1304829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0651011	6.756906	.0554978	.0058272	24.03403	.0614399	.0701640
Stddev	.0008268	.058011	.0008294	.0001143	.19929	.0007700	.0027230
%RSD	1.270025	.8585385	1.494399	1.960850	.8291975	1.253262	3.880837

#1	.0658487	6.803620	.0560969	.0057109	24.24582	.0612423	.0697607
#2	.0652417	6.775126	.0558453	.0059393	24.00610	.0622894	.0730660
#3	.0642131	6.691973	.0545512	.0058313	23.85018	.0607879	.0676651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.083069	.0007190	.0514663	.0054721	5.134873	3.637267	.0018176
Stddev	.064463	.0036034	.0013753	.0007127	.157764	.040998	.0016880
%RSD	5.951887	501.1717	2.672176	13.02393	3.072403	1.127168	92.87078

#1	1.148863	.0019845	.0506110	.0060176	5.305512	3.679941	.0021582
#2	1.020024	-.003346	.0530527	.0057329	5.104792	3.633680	-.000015
#3	1.080320	.003519	.0507352	.0046657	4.994316	3.598181	.003309

Sample Name: O5148-16LX5 Acquired: 11/18/2023 15:29:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017285	.0004262	.2399210
Stddev	.0003597	.0011192	.0030551
%RSD	20.80996	262.5800	1.273368

#1	.0018235	-.000450	.2418895
#2	.0020311	.000042	.2414720
#3	.0013308	.001687	.2364016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.566	48915.78	8958.715	1230.719	1790.968
Stddev	1.205	318.57	62.797	8.833	3.185
%RSD	.0935431	.6512553	.7009654	.7176844	.1778445

#1	1288.427	48701.94	8886.203	1222.776	1788.580
#2	1287.436	48763.51	8994.814	1240.231	1794.585
#3	1289.835	49281.91	8995.128	1229.150	1789.740

Sample Name: O5149-02 Acquired: 11/18/2023 15:33:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014650	.0002569	.0161734	.0081450	.0002694	.1000969	.2296285
Stddev	.0016474	.0069018	.0019578	.0042034	.0026911	.0031882	.0045979
%RSD	112.4505	2686.085	12.10491	51.60728	998.8171	3.185155	2.002334

#1	-.000016	-.002382	.0162700	.0046646	-.002837	.1037647	.2286596
#2	.003239	-.004936	.0180811	.0069553	.001741	.0985373	.2255922
#3	.001172	.008089	.0141691	.0128150	.001904	.0979887	.2346337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	-.000219	138.9044	.1174120	-.002171	.0087224	.0443147
Stddev	.000083	.000140	2.1174	.0009196	.000313	.0005404	.0023535
%RSD	81.05736	64.03821	1.524364	.7831931	14.43427	6.196059	5.310841

#1	-.000122	-.000278	138.2617	.1181530	-.002494	.0089344	.0424801
#2	-.000175	-.000320	137.1828	.1177002	-.002152	.0081081	.0469683
#3	-.000012	-.000059	141.2687	.1163829	-.001868	.0091246	.0434957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020259	39.41695	-.000238	.0006233	107.8729	.0062989	.0970665
Stddev	.0001583	.44927	.000357	.0000520	1.2724	.0010136	.0041218
%RSD	7.815401	1.139777	149.8377	8.350627	1.179564	16.09193	4.246350

#1	.0018456	39.17038	.000007	.0006580	107.3798	.0051308	.0925201
#2	.0021420	39.14495	-.000648	.0006484	106.9209	.0069467	.0981202
#3	.0020902	39.93550	-.000074	.0005634	109.3181	.0068192	.1005591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.472028	.0123899	.0311794	-.000559	31.05244	15.81179	-.005175
Stddev	.075752	.0050554	.0001280	.000202	.11377	.09083	.000353
%RSD	1.170448	40.80231	.4103878	36.15435	.3663717	.5744214	6.817552

#1	6.384648	.0066740	.0310718	-.000570	30.92232	15.87839	-.005147
#2	6.519162	.0162739	.0313209	-.000351	31.10185	15.70832	-.005541
#3	6.512274	.0142218	.0311455	-.000755	31.13315	15.84865	-.004837

Sample Name: O5149-02 Acquired: 11/18/2023 15:33:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDQ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019280	.0070589	1.373131
Stddev	.0005482	.0006655	.003730
%RSD	28.43519	9.427827	.2716501

#1	.0025378	.0075702	1.369818
#2	.0014759	.0063064	1.372405
#3	.0017704	.0073001	1.377171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.801	45945.94	8773.965	1139.072	1611.452
Stddev	3.783	218.53	60.833	5.892	6.217
%RSD	.3121960	.4756206	.6933318	.5172341	.3858045

#1	1216.056	45693.75	8756.294	1132.444	1618.520
#2	1208.817	46079.33	8841.677	1141.056	1609.007
#3	1210.530	46064.74	8723.924	1143.715	1606.830

Sample Name: O5149-03 Acquired: 11/18/2023 15:37:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDQ3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002230	-.004429	.0160901	.0158980	.0007051	.0934351	.2278257
Stddev	.007053	.002443	.0019266	.0060748	.0022777	.0083938	.0037415
%RSD	316.2675	55.15197	11.97379	38.21107	323.0320	8.983528	1.642254

#1	.005571	-.003185	.0152128	.0130249	-.001662	.0860432	.2317772
#2	-.004104	-.002859	.0147583	.0228764	.002881	.0917019	.2273626
#3	-.008158	-.007243	.0182992	.0117927	.000897	.1025602	.2243374

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000129	.0000005	138.9445	.1177285	-.002245	.0087483	.0151891
Stddev	.0000760	.0001080	1.4191	.0003858	.000245	.0027663	.0080004
%RSD	590.6660	20209.62	1.021343	.3277337	10.92777	31.62116	52.67215

#1	.0000584	-.000052	140.4422	.1181699	-.002462	.0079923	.0059510
#2	-.000075	-.000071	138.7713	.1175601	-.002293	.0064386	.0197882
#3	.000055	.000125	137.6199	.1174554	-.001979	.0118140	.0198281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211028	39.48022	-.000907	.0003441	107.7366	.0071081	.1034047
Stddev	.0004515	.32179	.000530	.0005423	.7815	.0007391	.0018402
%RSD	2.139615	.8150560	58.46155	157.5771	.7254183	10.39791	1.779645

#1	.0214764	39.80329	-.000324	.0009019	108.6390	.0068407	.1017335
#2	.0212309	39.47765	-.001037	.0003119	107.2943	.0079437	.1053769
#3	.0206010	39.15973	-.001361	-.000181	107.2765	.0065399	.1031036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.511125	.0060317	.0304273	-.000625	31.09394	15.86591	-.004227
Stddev	.011817	.0018394	.0004199	.001139	.04086	.09224	.000464
%RSD	.1814860	30.49500	1.380036	182.2948	.1314006	.5813826	10.97038

#1	6.524635	.0080987	.0303763	-.000985	31.13926	15.91959	-.004762
#2	6.502714	.0054209	.0308704	-.001541	31.08265	15.91875	-.003974
#3	6.506026	.0045753	.0300352	.000651	31.05992	15.75940	-.003945

Sample Name: O5149-03 Acquired: 11/18/2023 15:37:58 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYCDQ3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001184	.0062075	1.382476
Stddev	.000246	.0002797	.001408
%RSD	20.75636	4.505743	.1018204

#1	-.000920	.0060785	1.383524
#2	-.001407	.0060156	1.383027
#3	-.001225	.0065285	1.380876

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1203.391	45676.59	8742.604	1134.112	1607.016
Stddev	1.478	152.05	51.194	6.554	4.766
%RSD	.1228198	.3328759	.5855651	.5778998	.2965883

#1	1201.820	45545.36	8697.109	1127.448	1602.388
#2	1203.599	45843.21	8732.666	1134.339	1611.909
#3	1204.754	45641.20	8798.039	1140.550	1606.751

Sample Name: O5149-04 Acquired: 11/18/2023 15:42:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDQ3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201366	.0440820	.0367239	.0613356	.1116424	.4219815	.6440632
Stddev	.0016084	.0025281	.0046437	.0124389	.0051468	.0049789	.0022806
%RSD	7.987431	5.734944	12.64486	20.27997	4.610085	1.179892	.3540929

#1	.0199073	.0443510	.0313731	.0736321	.1129827	.4276955	.6421434
#2	.0186551	.0464648	.0396990	.0616155	.1059581	.4185747	.6465841
#3	.0218473	.0414301	.0390998	.0487592	.1159865	.4196744	.6434619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099531	.0096244	144.3430	.1347116	.0929832	.0583946	.2577112
Stddev	.0001243	.0001830	.1933	.0001983	.0001652	.0011180	.0066785
%RSD	1.249035	1.901341	.1338955	.1472231	.1776527	1.914537	2.591473

#1	.0098764	.0095845	144.1200	.1345335	.0930204	.0588071	.2579537
#2	.0100965	.0094646	144.4461	.1349253	.0928026	.0592477	.2642652
#3	.0098864	.0098240	144.4628	.1346758	.0931267	.0571290	.2509147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347354	47.52764	.0762992	.0197925	113.6018	.1140094	.2031224
Stddev	.0001571	.07145	.0002420	.0003659	.3182	.0029412	.0068027
%RSD	.4523463	.1503436	.3171304	1.848685	.2801130	2.579828	3.349075

#1	.0345579	47.52253	.0761172	.0200945	113.5512	.1109573	.2106700
#2	.0347914	47.45888	.0762065	.0198975	113.3120	.1142455	.1974639
#3	.0348568	47.60151	.0765738	.0193856	113.9423	.1168256	.2012334

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.08653	.0273503	.5673951	.0199082	30.55127	15.70044	.0089728
Stddev	.04801	.0021270	.0049368	.0003131	.08046	.11367	.0017926
%RSD	.2984733	7.776760	.8700842	1.572539	.2633589	.7240195	19.97838

#1	16.05057	.0248950	.5641611	.0195719	30.55013	15.64506	.0077329
#2	16.06798	.0285289	.5730776	.0199616	30.47139	15.83119	.0081574
#3	16.14106	.0286271	.5649467	.0201911	30.63229	15.62507	.0110282

Sample Name: O5149-04 Acquired: 11/18/2023 15:42:03 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYCDQ3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2016492	.0376151	1.545544
Stddev	.0006190	.0018691	.005345
%RSD	.3069836	4.969122	.3458097

#1	.2013347	.0396989	1.549650
#2	.2012507	.0370600	1.539501
#3	.2023624	.0360864	1.547479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1199.618	45755.49	8666.213	1134.001	1597.908
Stddev	4.520	43.74	58.791	11.360	8.225
%RSD	.3767801	.0955883	.6783941	1.001753	.5147547

#1	1201.558	45727.99	8681.494	1123.901	1602.764
#2	1202.844	45732.55	8601.290	1146.299	1602.549
#3	1194.452	45805.92	8715.855	1131.803	1588.411

Sample Name: O5149-02LX5 Acquired: 11/18/2023 15:46:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDQ3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073307	.0152445	.0097449	.0270927	.0252765	.6736849	.5538966
Stddev	.0072201	.0026799	.0020056	.0028542	.0027473	.0119626	.0042089
%RSD	98.49087	17.57934	20.58153	10.53474	10.86892	1.775697	.7598658

#1	.0137115	.0179328	.0078485	.0249125	.0232693	.6646346	.5534079
#2	-.000507	.0125731	.0095418	.0303232	.0284076	.6872473	.5583284
#3	.008787	.0152274	.0118444	.0260425	.0241527	.6691727	.5499534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126773	.0129484	27.35845	.0743035	.1125937	.0628733	.2677918
Stddev	.0000853	.0001268	.09479	.0008301	.0017574	.0019838	.0042888
%RSD	.6729462	.9789416	.3464573	1.117151	1.560818	3.155213	1.601549

#1	.0126700	.0129501	27.32099	.0747200	.1128916	.0619096	.2646452
#2	.0127660	.0130744	27.46625	.0748428	.1141830	.0615554	.2726769
#3	.0125959	.0128209	27.28813	.0733476	.1107064	.0651548	.2660533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1314717	7.856644	.1158734	.0115997	21.16622	.1269716	.1479855
Stddev	.0002632	.063196	.0011999	.0003091	.33649	.0016491	.0016864
%RSD	.2001892	.8043603	1.035499	2.664285	1.589744	1.298767	1.139592

#1	.1312895	7.783806	.1153889	.0113041	21.28874	.1265167	.1460739
#2	.1313522	7.889230	.1172398	.0115744	21.42428	.1288003	.1486197
#3	.1317734	7.896895	.1149915	.0119207	20.78564	.1255976	.1492629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.218560	-.002168	.0756464	.0109087	5.885120	3.294032	.0010070
Stddev	.006334	.004625	.0007579	.0000659	.081116	.019031	.0013673
%RSD	.5197636	213.3039	1.001962	.6039759	1.378325	.5777396	135.7755

#1	1.225746	-.000795	.0755935	.0109660	5.863065	3.292359	.0002702
#2	1.216147	-.007324	.0764294	.0109235	5.974983	3.313845	.0025847
#3	1.213788	.001615	.0749162	.0108367	5.817312	3.275893	.0001662

Sample Name: O5149-02LX5 Acquired: 11/18/2023 15:46:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDQ3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015111	.0011561	.2674693
Stddev	.0004166	.0007269	.0002087
%RSD	27.56767	62.87589	.0780074

#1	.0010343	.0011407	.2677100
#2	.0016946	.0004371	.2673569
#3	.0018045	.0018907	.2673408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.696	48829.19	8844.621	1219.941	1773.234
Stddev	21.406	331.84	12.772	12.626	29.237
%RSD	1.672726	.6795958	.1443995	1.034987	1.648782

#1	1289.632	49043.42	8833.708	1224.820	1787.003
#2	1255.128	48997.20	8841.487	1229.400	1739.655
#3	1294.327	48446.94	8858.667	1205.603	1793.044

Sample Name: CCV021 Acquired: 11/18/2023 15:54:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.540684	4.535905	24.03167	4.738861	4.898422	396.1143
Stddev	.036495	.040909	.13962	.024165	.029010	2.4765
%RSD	.8037349	.9018937	.5809860	.5099263	.5922229	.6252062

#1	4.559349	4.580681	24.18021	4.756112	4.931886	398.7682
#2	4.498632	4.500482	23.90312	4.711243	4.880400	393.8651
#3	4.564071	4.526551	24.01168	4.749229	4.882979	395.7094

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.53259	.5050432	2.424594	406.6191	14.79034	2.459191
Stddev	.09806	.0033366	.012995	.6086	.06297	.012763
%RSD	.9310102	.6606641	.5359745	.1496629	.4257400	.5189913

#1	10.42274	.5021242	2.439194	406.8530	14.73370	2.473081
#2	10.61131	.5086805	2.414293	405.9283	14.85814	2.447979
#3	10.56371	.5043249	2.420294	407.0760	14.77917	2.456514

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.33588	407.5998	15.10478	398.0604	2.481942	1.258896
Stddev	.01414	.5814	.02483	.7216	.013465	.000295
%RSD	.0986672	.1426349	.1644053	.1812752	.5425159	.0234051

#1	14.34108	408.2542	15.10979	398.8934	2.497250	1.258977
#2	14.31987	407.1427	15.07783	397.6255	2.471929	1.258569
#3	14.34669	407.4026	15.12673	397.6624	2.476648	1.259141

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.6503	2.522091	14.05962	150.9182	4.852872	4.788080
Stddev	.2715	.004174	.09448	.3625	.036217	.024880
%RSD	.0686176	.1655094	.6719861	.2401746	.7462978	.5196199

#1	395.7558	2.522347	14.04112	151.3312	4.893244	4.772966
#2	395.8533	2.526132	13.97577	150.7701	4.823239	4.816796
#3	395.3419	2.517795	14.16198	150.6532	4.842133	4.774479

Sample Name: CCV021 Acquired: 11/18/2023 15:54:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.719957	4.960367	F 6.559861	4.998974	4.937576	5.389463
Stddev	.029274	.032192	.040343	.021147	.005292	.012550
%RSD	.6202249	.6489833	.6150016	.4230361	.1071690	.2328537
#1	4.753460	4.997107	6.524901	5.023194	4.936141	5.403151
#2	4.699316	4.937100	6.604004	4.984170	4.933150	5.378498
#3	4.707094	4.946895	6.550679	4.989558	4.943437	5.386741

Elem	Sr4077
Units	ppm
Avg	4.694199
Stddev	.077269
%RSD	1.646044
#1	4.615877
#2	4.770369
#3	4.696350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1027.575	41225.70	8254.716	983.3703	1292.164
Stddev	7.161	229.90	23.696	8.8896	7.575
%RSD	.6969250	.5576596	.2870603	.9039902	.5862087
#1	1019.328	41001.25	8229.716	981.2562	1283.455
#2	1032.221	41460.68	8276.846	993.1264	1297.220
#3	1031.176	41215.18	8257.585	975.7284	1295.817

Sample Name: CCB021 Acquired: 11/18/2023 15:58:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028550	.0027719	.0015179	.0077656	.0001647	.0370848	.0007927
Stddev	.0045057	.0019223	.0015186	.0098694	.0011421	.0013318	.0000370
%RSD	157.8170	69.34981	100.0443	127.0903	693.5090	3.591216	4.668821

#1	.0040252	.0031342	.0018952	.0150938	-.000149	.0357826	.0007865
#2	-.002120	.0044873	-.000154	-.003457	.001431	.0370276	.0008324
#3	.006660	.0006942	.002812	.011660	-.000788	.0384443	.0007591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000924	.0000275	.0220428	.0009460	.0003398	.0024721	.0378932
Stddev	.0000142	.0000396	.0083939	.0003463	.0002720	.0003396	.0051496
%RSD	15.41307	143.7600	38.08014	36.60939	80.02210	13.73825	13.58979

#1	.0000996	.0000443	.0245900	.0009436	.0003113	.0021092	.0437438
#2	.0001015	-.000018	.0288681	.0006009	.0000833	.0027823	.0358880
#3	.0000760	.000056	.0126703	.0012935	.0006249	.0025248	.0340478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009552	.0363048	.0000570	.0007226	.0399177	-.000911	.0014503
Stddev	.0000211	.0144858	.0005633	.0002535	.0744398	.001112	.0014468
%RSD	2.204067	39.90047	987.7105	35.08459	186.4833	121.9914	99.76053

#1	.0009638	.0471370	-.000562	.0009524	.0055869	-.002188	.0007119
#2	.0009312	.0419266	.000192	.0007646	.1253278	-.000160	.0031172
#3	.0009706	.0198508	.000540	.0004507	-.011162	-.000386	.0005217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027595	-.000959	.0029864	.0010590	.0005947	-.007939	.0010792
Stddev	.024540	.001097	.0005876	.0004564	.0035819	.000551	.0017065
%RSD	88.92805	114.4466	19.67687	43.09553	602.2739	6.938663	158.1370

#1	-.024604	-.001720	.0027907	.0013525	-.000534	-.007560	.0020249
#2	-.004688	.000299	.0025216	.0012914	.004605	-.008570	.0021034
#3	-.053493	-.001456	.0036469	.0005332	-.002287	-.007686	-.000891

Sample Name: CCB021 Acquired: 11/18/2023 15:58:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015992	.0007424	.0002531
Stddev	.0002749	.0012025	.0000306
%RSD	17.19108	161.9563	12.09069

#1	.0013809	.0020441	.0002579
#2	.0015087	-.000327	.0002810
#3	.0019079	.000510	.0002204

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.534	49693.79	9008.442	1246.322	1892.060
Stddev	14.942	925.68	6.538	34.655	24.841
%RSD	1.135800	1.862763	.0725810	2.780621	1.312917

#1	1326.092	50220.69	9001.675	1275.523	1905.653
#2	1322.073	50235.75	9008.925	1255.416	1907.139
#3	1298.438	48624.95	9014.725	1208.026	1863.389

Sample Name: O5148-16A Acquired: 11/18/2023 16:27:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009150	.0004085	.0186723	.0023480	-.000238	.1803131	.1825255
Stddev	.005582	.0034380	.0010373	.0048609	.001424	.0065606	.0025275
%RSD	61.01191	841.5172	5.555508	207.0237	597.2643	3.638442	1.384746

#1	-.007895	-.003507	.0176322	-.000284	-.001791	.1773682	.1850074
#2	-.004301	.001799	.0186777	-.000630	.001006	.1757409	.1799547
#3	-.015253	.002933	.0197069	.007957	.000070	.1878301	.1826143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000361	-.000225	115.1154	.0318946	-.002355	.0066465	.2385537
Stddev	.0000417	.000121	.7587	.0003951	.000504	.0020866	.0032460
%RSD	115.6714	53.64151	.6590495	1.238824	21.41118	31.39346	1.360683

#1	-.000010	-.000342	115.6200	.0317100	-.002861	.0061560	.2369489
#2	.000072	-.000101	114.2429	.0316255	-.002353	.0089346	.2364226
#3	.000046	-.000232	115.4832	.0323482	-.001852	.0048489	.2422894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426396	32.30920	.0011656	.0008502	119.9030	.0043617	.0944540
Stddev	.0004530	.22505	.0002565	.0002498	.5526	.0011853	.0030572
%RSD	1.062332	.6965613	22.01033	29.38534	.4608445	27.17524	3.236674

#1	.0425490	32.42356	.0009694	.0010653	120.1930	.0057174	.0911560
#2	.0422388	32.04993	.0010714	.0005762	119.2659	.0038470	.0950129
#3	.0431310	32.45410	.0014559	.0009093	120.2502	.0035208	.0971932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.097996	.0112643	.0815046	-.000464	28.50105	17.32677	-.004309
Stddev	.035969	.0042804	.0020405	.000315	.10275	.05989	.001533
%RSD	.5898485	37.99946	2.503511	67.98085	.3605068	.3456476	35.56658

#1	6.085816	.0081676	.0831832	-.000168	28.59081	17.38562	-.005933
#2	6.069698	.0161487	.0820972	-.000428	28.52336	17.32880	-.004105
#3	6.138473	.0094766	.0792334	-.000796	28.38898	17.26589	-.002889

Sample Name: O5148-16A Acquired: 11/18/2023 16:27:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDS7A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000096	.0036673	1.177145
Stddev	.001008	.0011428	.000385
%RSD	1053.152	31.16157	.0327465

#1	.001041	.0036916	1.177538
#2	-.000881	.0025126	1.177127
#3	-.000447	.0047978	1.176768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1200.896	45828.40	8713.694	1127.857	1600.542
Stddev	4.408	230.52	88.357	10.630	6.982
%RSD	.3670367	.5030135	1.014006	.9424996	.4362324

#1	1197.873	45563.17	8616.623	1117.222	1596.558
#2	1198.861	45941.46	8735.024	1127.866	1596.465
#3	1205.954	45980.56	8789.433	1138.482	1608.604

Sample Name: O5149-02A Acquired: 11/18/2023 16:31:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDQ3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073361	-.001720	.0164690	.0009902	-.003315	.1191658	.2231956
Stddev	.0050327	.003166	.0024226	.0059977	.002107	.0012351	.0021140
%RSD	68.60255	184.0441	14.70982	605.6978	63.55770	1.036474	.9471353

#1	.0029133	-.004056	.0148012	.0074164	-.004483	.1194090	.2237751
#2	.0062829	.001883	.0192479	-.004459	-.004580	.1202612	.2249594
#3	.0128121	-.002988	.0153581	.000013	-.000883	.1178272	.2208523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000165	136.0685	.4607753	-.002072	.0100150	.2382232
Stddev	.000071	.000061	.9546	.0016278	.000244	.0027930	.0072071
%RSD	526.6439	37.10300	.7015738	.3532793	11.76467	27.88850	3.025343

#1	-.000088	-.000123	136.3644	.4594277	-.002190	.0081470	.2386991
#2	.000051	-.000137	136.8402	.4603144	-.001792	.0132259	.2307900
#3	-.000003	-.000235	135.0010	.4625840	-.002235	.0086722	.2451806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481803	38.75398	-.000409	.0007112	105.4905	.0071257	.1044902
Stddev	.0002750	.18930	.000352	.0001891	.7513	.0020640	.0051158
%RSD	.5707552	.4884577	85.90182	26.58779	.7122175	28.96551	4.895925

#1	.0481753	38.71721	-.000431	.0007093	105.9526	.0068152	.0985982
#2	.0484578	38.95896	-.000047	.0009013	105.8953	.0052346	.1070706
#3	.0479079	38.58577	-.000749	.0005231	104.6236	.0093273	.1078019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.435323	.0118206	.0295391	-.000365	30.63778	15.74098	-.003612
Stddev	.007992	.0017454	.0002231	.000100	.08667	.02532	.001126
%RSD	.1241875	14.76537	.7551134	27.29610	.2828924	.1608560	31.18268

#1	6.429750	.0133913	.0297579	-.000464	30.57030	15.73807	-.003336
#2	6.431739	.0099417	.0295475	-.000365	30.73553	15.71725	-.002650
#3	6.444479	.0121289	.0293120	-.000265	30.60752	15.76763	-.004851

Sample Name: O5149-02A Acquired: 11/18/2023 16:31:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYCDQ3A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000433	.0063373	1.361193
Stddev	.000187	.0012992	.002517
%RSD	43.09124	20.50107	.1849043

#1	-.000250	.0049065	1.358417
#2	-.000623	.0066620	1.361837
#3	-.000426	.0074433	1.363326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.828	45789.47	8653.142	1136.902	1604.002
Stddev	1.556	207.72	71.221	5.984	2.205
%RSD	.1298246	.4536514	.8230669	.5263843	.1374626

#1	1199.639	45627.49	8598.551	1133.179	1604.673
#2	1197.034	45717.26	8627.171	1133.722	1601.540
#3	1199.812	46023.67	8733.704	1143.805	1605.794

Sample Name: CCV022 Acquired: 11/18/2023 16:35:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.480096	F 4.456966	24.04109	4.689109	4.898934	396.0160
Stddev	.040634	.027941	.09900	.020486	.036465	2.6269
%RSD	.9069987	.6268974	.4117788	.4368886	.7443384	.6633226

#1	4.506306	4.428664	23.94450	4.665963	4.859152	397.2477
#2	4.433287	4.457703	24.14233	4.696455	4.930770	397.8008
#3	4.500694	4.484530	24.03645	4.704910	4.906881	392.9996

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60685	.5074676	2.426853	406.4229	15.16131	2.456366
Stddev	.19480	.0037952	.009176	5.6733	.65869	.010129
%RSD	1.836591	.7478671	.3780909	1.395909	4.344565	.4123520

#1	10.49898	.5103087	2.418569	402.8943	15.92183	2.447284
#2	10.83173	.5089366	2.436716	412.9672	14.78983	2.467289
#3	10.48985	.5031575	2.425275	403.4073	14.77226	2.454525

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.29878	408.2393	15.08806	398.8709	2.486417	1.282845
Stddev	.04277	4.2673	.18809	4.4868	.010131	.046108
%RSD	.2990942	1.045288	1.246614	1.124879	.4074334	3.594178

#1	14.32598	405.4736	14.97445	396.0503	2.476985	1.336072
#2	14.32086	413.1539	15.30517	404.0448	2.497125	1.255184
#3	14.24948	406.0905	14.98455	396.5177	2.485142	1.257279

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.1155	2.529578	14.20229	151.1878	4.793004	4.784092
Stddev	4.3905	.027169	.46486	.7286	.033654	.033826
%RSD	1.114025	1.074043	3.273137	.4819225	.7021553	.7070424

#1	392.5386	2.506189	14.73736	150.6117	4.762340	4.803764
#2	399.0767	2.559379	13.97177	152.0068	4.787662	4.803478
#3	390.7312	2.523165	13.89774	150.9449	4.829009	4.745034

Sample Name: CCV022 Acquired: 11/18/2023 16:35:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.695788	4.954095	F 6.553343	5.013329	4.930875	5.365490
Stddev	.009263	.035867	.048991	.035957	.032838	.104915
%RSD	.1972540	.7239873	.7475776	.7172304	.6659721	1.955372

#1	4.685539	4.946188	6.593214	4.973675	4.915069	5.294615
#2	4.703560	4.922842	6.568161	5.043814	4.968628	5.486014
#3	4.698266	4.993256	6.498653	5.022497	4.908930	5.315840

Elem	Sr4077
Units	ppm
Avg	4.672096
Stddev	.063993
%RSD	1.369683

#1	4.598700
#2	4.716200
#3	4.701389

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1031.237	40544.56	8281.313	971.7451	1293.048
Stddev	2.380	1261.96	74.993	28.8065	4.275
%RSD	.2308324	3.112526	.9055695	2.964405	.3305827

#1	1032.437	39087.86	8316.916	939.0080	1295.833
#2	1028.495	41240.35	8195.150	983.0124	1288.127
#3	1032.779	41305.48	8331.873	993.2149	1295.185

Sample Name: CCB022 Acquired: 11/18/2023 16:39:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041374	.0059761	.0022628	-.000219	.0007892	.0323663	.0004917
Stddev	.0040776	.0010561	.0003909	.003243	.0002340	.0087818	.0001766
%RSD	98.55459	17.67217	17.27321	1480.867	29.65106	27.13258	35.92440

#1	.0002388	.0065726	.0026945	-.002262	.0007087	.0231574	.0006934
#2	.0083730	.0047567	.0019328	.003520	.0006061	.0332943	.0003646
#3	.0038004	.0065989	.0021612	-.001915	.0010528	.0406473	.0004171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001242	.0001100	.0300560	.0013572	.0001986	.0024145	.0455548
Stddev	.0000437	.0001648	.0088137	.0004669	.0002519	.0026727	.0044527
%RSD	35.16689	149.7833	29.32435	34.40023	126.8183	110.6944	9.774386

#1	.0000973	.0002182	.0199259	.0008303	.0002462	.0028339	.0444214
#2	.0001746	.0001915	.0359682	.0017193	-.000074	.0048528	.0504646
#3	.0001007	-.000080	.0342739	.0015222	.000423	-.000443	.0417783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014150	.0216061	.0001571	.0005864	.0209717	-.000617	.0004398
Stddev	.0001527	.0239810	.0001297	.0001601	.1714344	.000259	.0018091
%RSD	10.78951	110.9919	82.53667	27.31024	817.4558	41.98774	411.3638

#1	.0012547	.0137944	.0002680	.0006201	-.141867	-.000619	.0004611
#2	.0015587	.0485190	.0000145	.0007269	.199871	-.000357	.0022381
#3	.0014317	.0025050	.0001888	.0004120	.004911	-.000875	-.001380

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057773	.0010014	.0037562	.0018632	-.002037	-.007964	.0005100
Stddev	.019805	.0039173	.0012231	.0001411	.002834	.000370	.0003630
%RSD	34.27999	391.1814	32.56310	7.574243	139.0989	4.646816	71.17955

#1	-.070525	-.000682	.0024306	.0019546	-.004953	-.007583	.0007983
#2	-.067836	.005479	.0048411	.0019344	-.001867	-.007987	.0001023
#3	-.034957	-.001792	.0039969	.0017007	.000708	-.008322	.0006292

Sample Name: CCB022 Acquired: 11/18/2023 16:39:39 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v476) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB022 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018696	.0014296	.0003271
Stddev	.0007666	.0004656	.0000201
%RSD	41.00345	32.57174	6.143350

#1	.0010706	.0010669	.0003465
#2	.0019393	.0012672	.0003063
#3	.0025990	.0019547	.0003284

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.481	50394.89	9096.975	1264.463	1899.405
Stddev	3.113	642.34	40.929	24.968	5.425
%RSD	.2357152	1.274619	.4499170	1.974571	.2855902

#1	1322.769	50129.12	9143.775	1247.802	1900.693
#2	1321.738	49928.08	9067.875	1252.416	1904.070
#3	1316.937	51127.47	9079.275	1293.170	1893.453