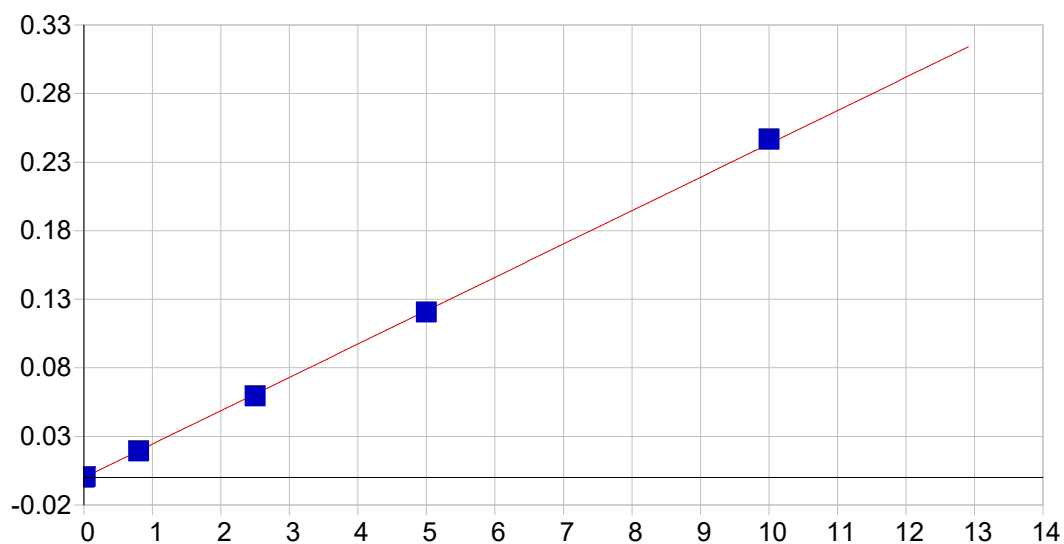


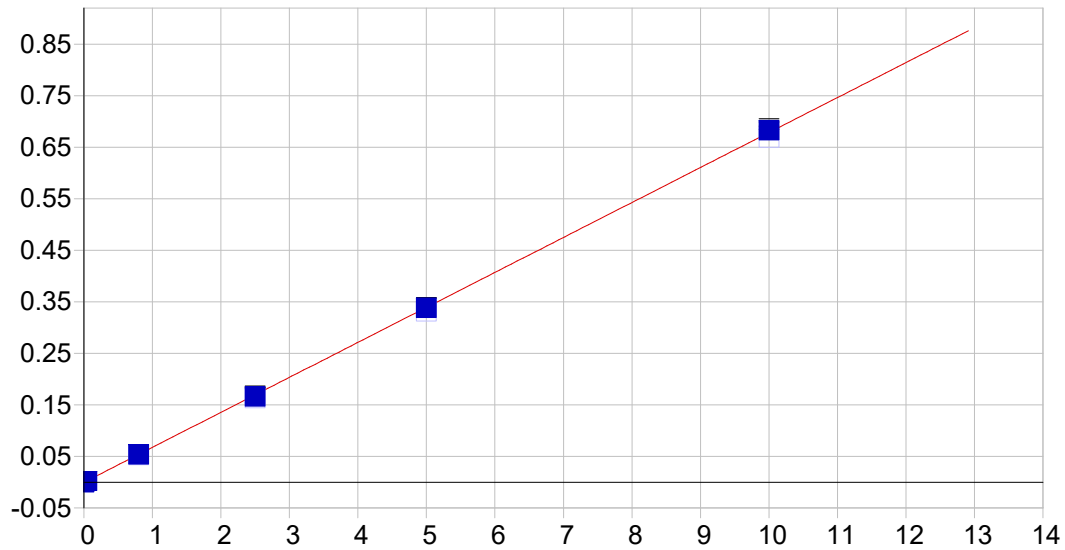


As 189.042 {479}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000098	Re-Slope:	1.000000
A1 (Gain):	0.024316	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999880	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.010500		
Predicted MQL:	0.034999		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.02000	.02168	.002	8.40	.00063	.000	1
S3	2.5000	2.4336	-.066	-2.65	.05937	.000	1
S4	5.0000	4.9475	-.052	-1.05	.12059	.000	1
S5	10.000	10.131	.131	1.31	.24681	.000	1
S2	.80000	.78637	-.014	-1.70	.01925	.000	1

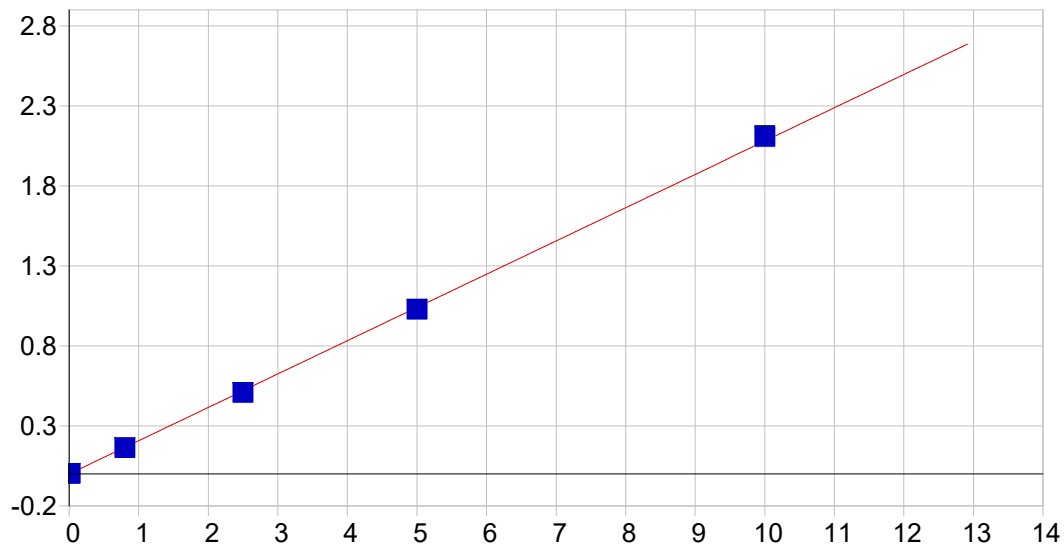


TI 190.856 {477}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000267 Re-Slope: 1.000000
 A1 (Gain): 0.067903 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003844
 Predicted MQL: 0.012814

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.04000	.03793	-.002	-5.18	.00220	.000	1
S3	2.5000	2.4541	-.046	-1.84	.16283	.001	1
S4	5.0000	4.9902	-.010	-.196	.33149	.000	1
S5	10.000	10.066	.066	.659	.66906	.003	1
S2	.80000	.79177	-.008	-1.03	.05236	.000	1

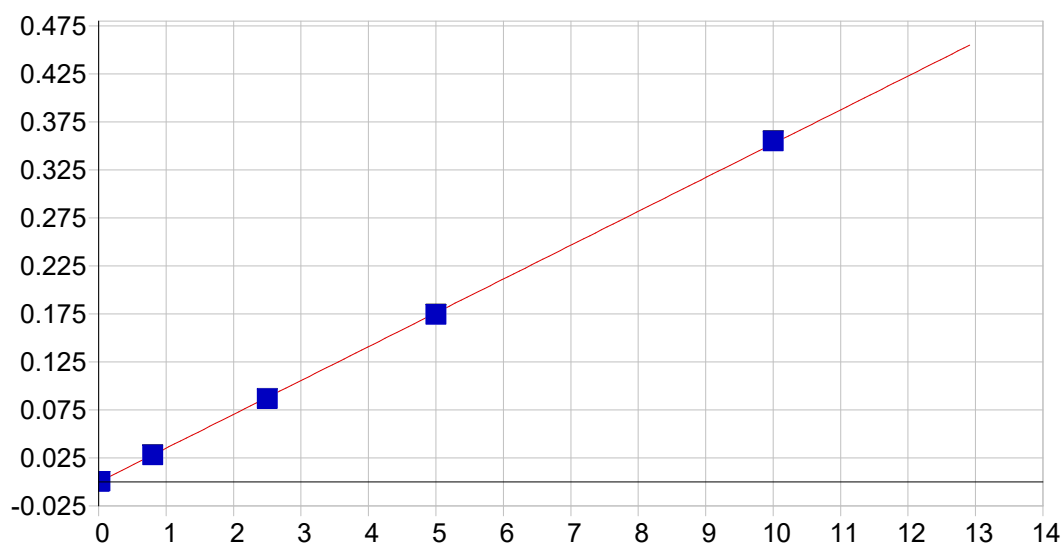


Pb 220.353 {453}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000231	Re-Slope:	1.000000
A1 (Gain):	0.207984	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999885	Status:	OK.
Std Error of Est:	0.000057		
Predicted MDL:	0.002647		
Predicted MQL:	0.008822		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.001	1
S1	.01200	.01084	-.001	-9.64	.00243	.000	1
S3	2.5000	2.4368	-.063	-2.53	.50632	.001	1
S4	5.0000	4.9445	-.056	-1.11	1.0271	.002	1
S5	10.000	10.131	.131	1.31	2.1043	.006	1
S2	.80000	.78898	-.011	-1.38	.16409	.001	1

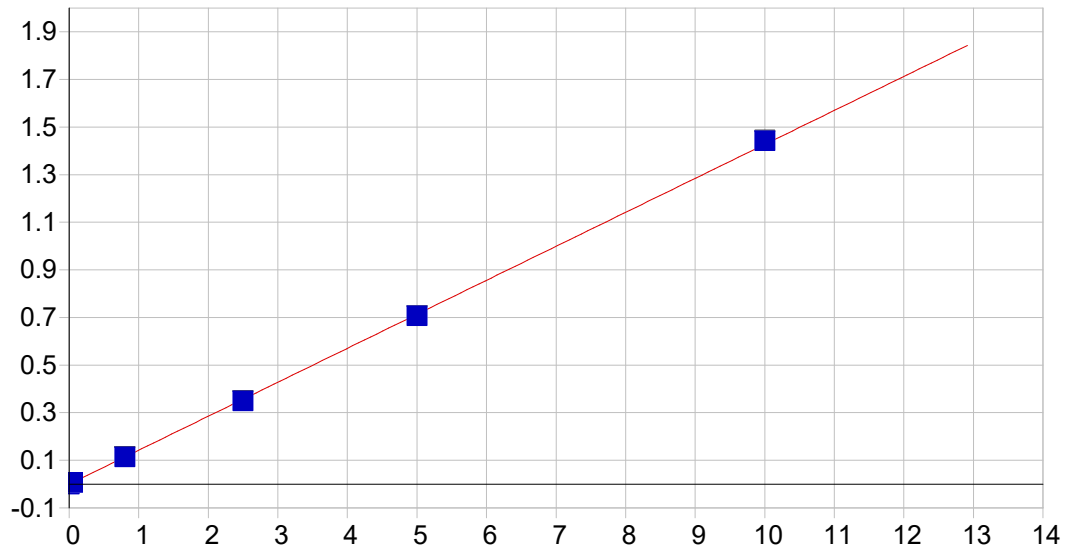


Se 196.090 {472}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000150 Re-Slope: 1.000000
 A1 (Gain): 0.035243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.008722
 Predicted MQL: 0.029073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00015	.000	1
S1	.02000	.02781	.008	39.1	.00083	.000	1
S3	2.5000	2.4647	-.035	-1.41	.08671	.000	1
S4	5.0000	4.9540	-.046	-.919	.17443	.000	1
S5	10.000	10.075	.075	.746	.35488	.001	1
S2	.80000	.79887	-.001	-.142	.02800	.000	1

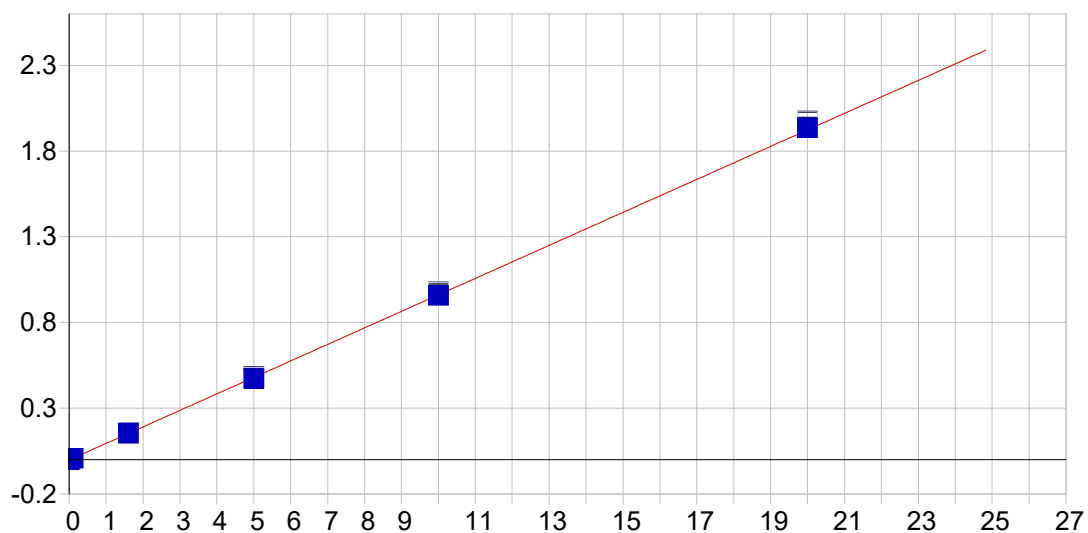


Sb 206.833 {463}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000157 Re-Slope: 1.000000
 A1 (Gain): 0.142726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.002991
 Predicted MQL: 0.009972

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.05000	.04748	-.003	-5.05	.00660	.000	1
S3	2.5000	2.4478	-.052	-2.09	.34917	.001	1
S4	5.0000	4.9495	-.050	-1.01	.70620	.000	1
S5	10.000	10.106	.106	1.06	1.4421	.002	1
S2	.80000	.79951	-.000	-.061	.11394	.001	1

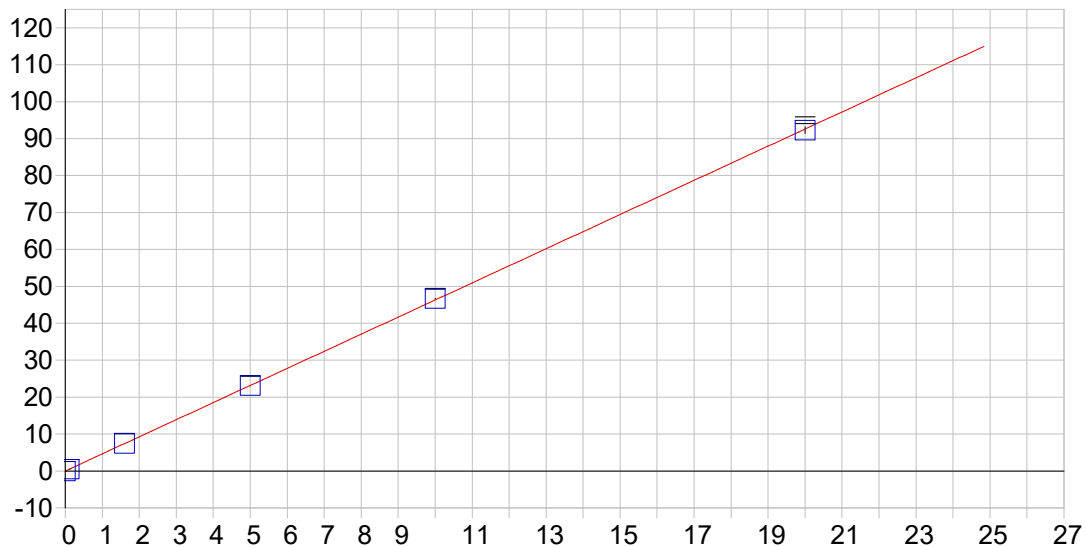


AI 396.152 { 85}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001622 Re-Slope: 1.000000
 A1 (Gain): 0.096254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.008804
 Predicted MQL: 0.029346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00162	.001	1
S1	.10000	.09585	-.004	-4.15	.00832	.001	1
S3	5.0000	4.9127	-.087	-1.75	.48019	.003	1
S4	10.000	9.9653	-.035	-.347	.97547	.003	1
S5	20.000	20.121	.121	.607	1.9709	.003	1
S2	1.6000	1.6049	.005	.304	.15571	.002	1

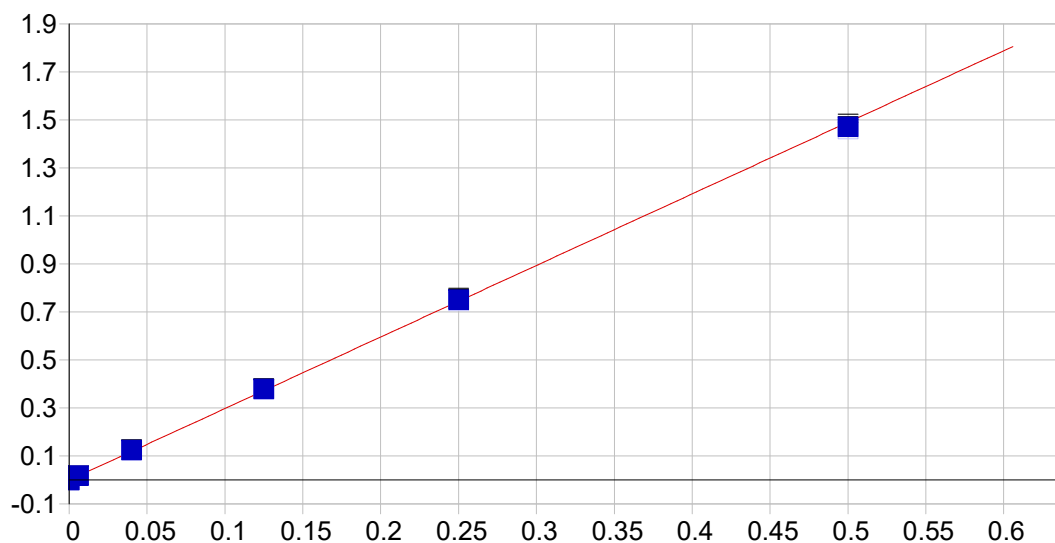


Ba 493.409 { 68}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000711 Re-Slope: 1.000000
 A1 (Gain): 4.629500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.001735
 Predicted MDL: 0.000376
 Predicted MQL: 0.001253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00071	.001	1
S1	.10000	.09963	-.000	-.375	.46050	.002	1
S3	5.0000	4.9815	-.019	-.370	23.061	.047	1
S4	10.000	10.079	.079	.785	46.658	.092	1
S5	20.000	19.933	-.067	-.333	92.281	.892	1
S2	1.6000	1.6069	.007	.432	7.4385	.060	1

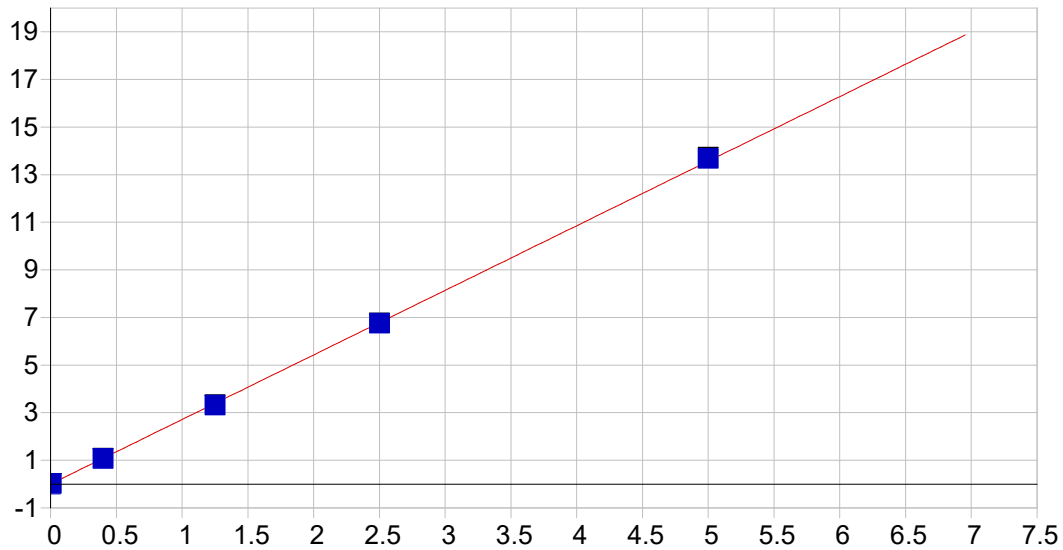


Be 234.861 {144}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000964 Re-Slope: 1.000000
 A1 (Gain): 2.981836 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.000100
 Predicted MQL: 0.000334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.00600	.00635	.000	5.85	.01777	.000	1
S3	.12500	.12718	.002	1.74	.37575	.002	1
S4	.25000	.25205	.002	.821	.74560	.007	1
S5	.50000	.49370	-.006	-1.26	1.4612	.011	1
S2	.04000	.04172	.002	4.30	.12264	.002	1

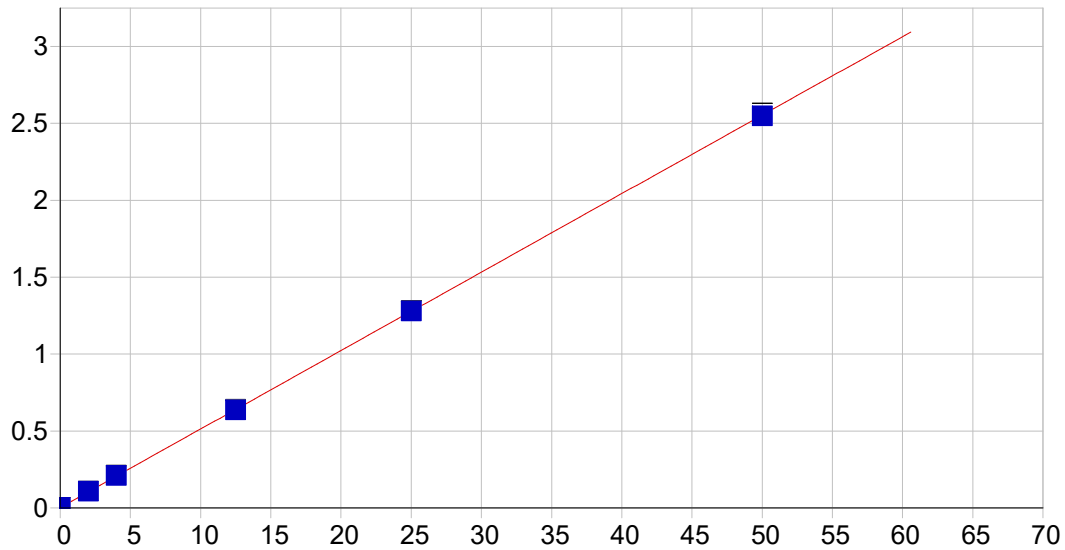


Cd 214.438 {457}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000409	Re-Slope:	1.000000
A1 (Gain):	2.713584	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000265		
Predicted MDL:	0.000140		
Predicted MQL:	0.000468		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.001	1
S1	.00600	.00645	.000	7.45	.01791	.000	1
S3	1.2500	1.2223	-.028	-2.22	3.3174	.009	1
S4	2.5000	2.4893	-.011	-.429	6.7557	.004	1
S5	5.0000	5.0413	.041	.826	13.681	.048	1
S2	.40000	.39668	-.003	-.830	1.0769	.003	1

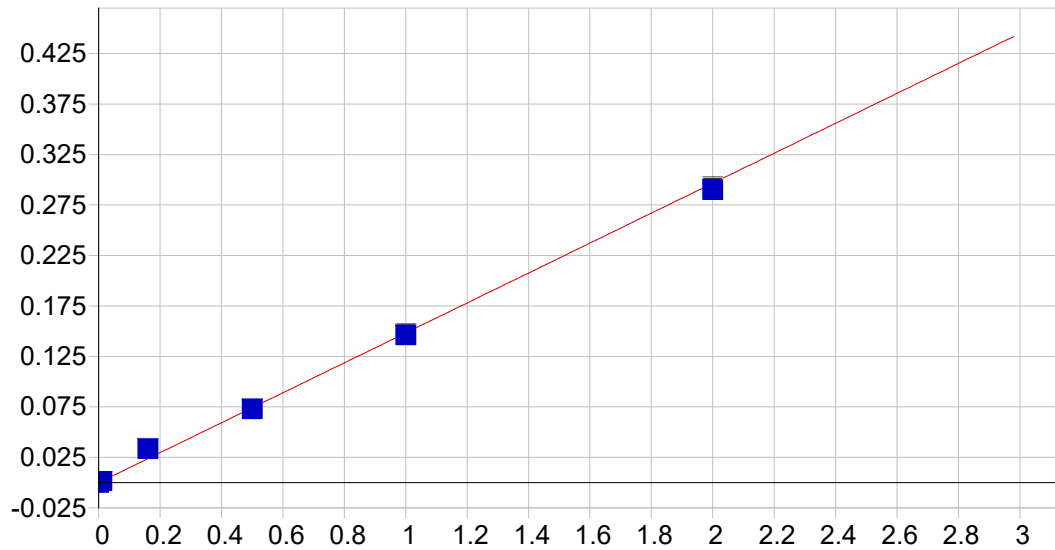


Ca 373.690 { 90}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002628 Re-Slope: 1.000000
 A1 (Gain): 0.051023 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.011893
 Predicted MQL: 0.039644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.00262	.000	1
S2	4.0000	4.0679	.068	1.70	.21010	.002	1
S3	12.500	12.435	-.065	-.519	.63684	.004	1
S4	25.000	25.047	.047	.187	1.2801	.004	1
S5	50.000	49.892	-.108	-.217	2.5472	.019	1
S1	2.0000	2.0587	.059	2.93	.10766	.001	1

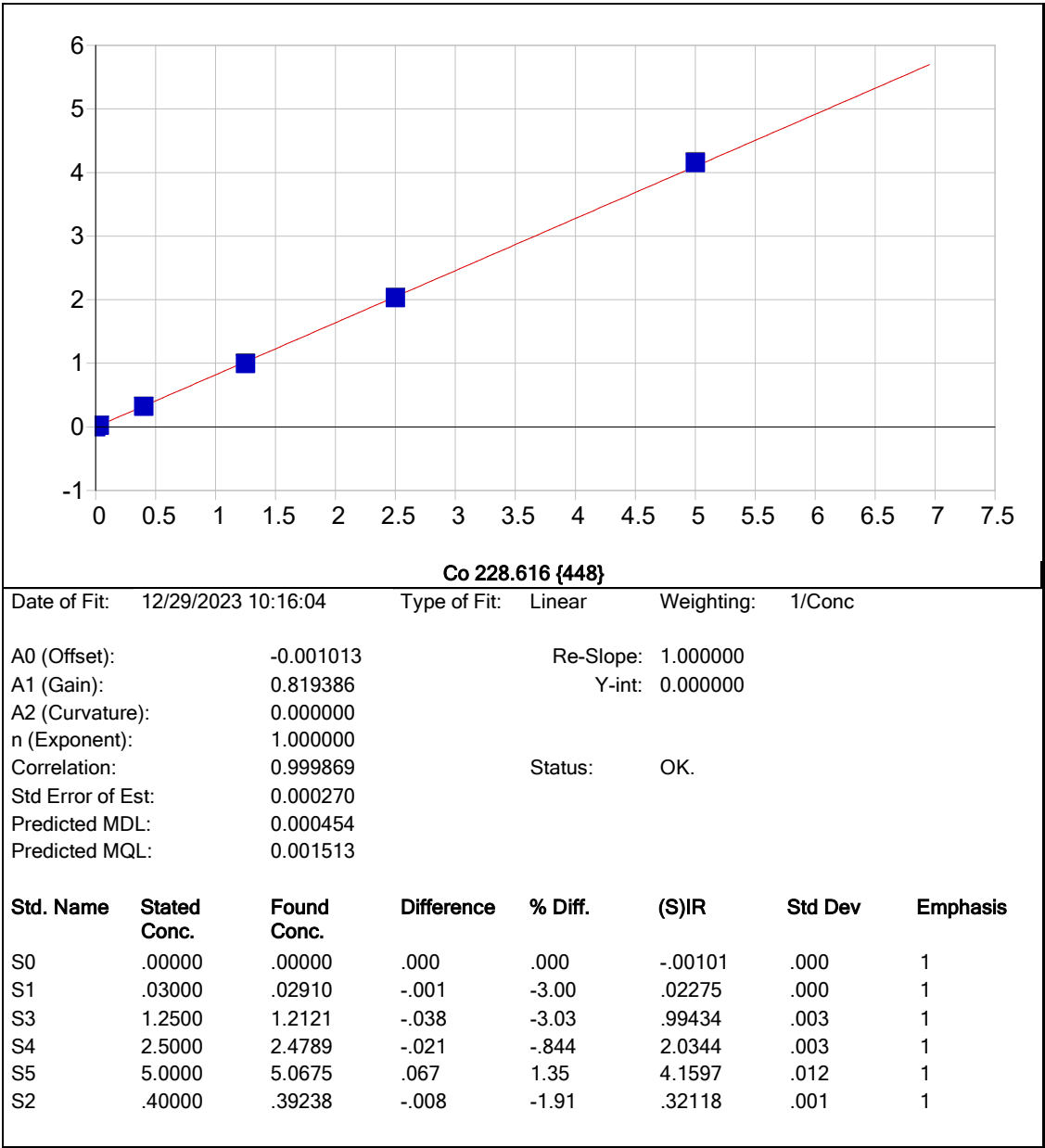


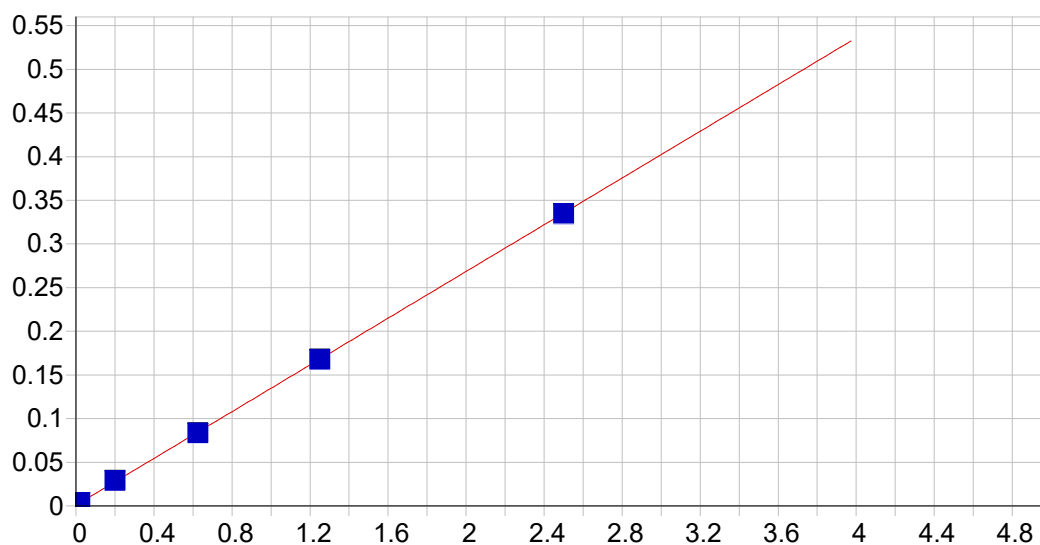
Cr 267.716 {126}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.148287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996092 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.000519
 Predicted MQL: 0.001731

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.00988	-.000	-1.19	.00151	.000	1
S3	.50000	.49179	-.008	-1.64	.07347	.000	1
S4	1.0000	.98582	-.014	-1.42	.14725	.000	1
S5	2.0000	1.9557	-.044	-2.22	.29211	.001	1
S2	.16000	.22686	.067	41.8	.03383	.000	1



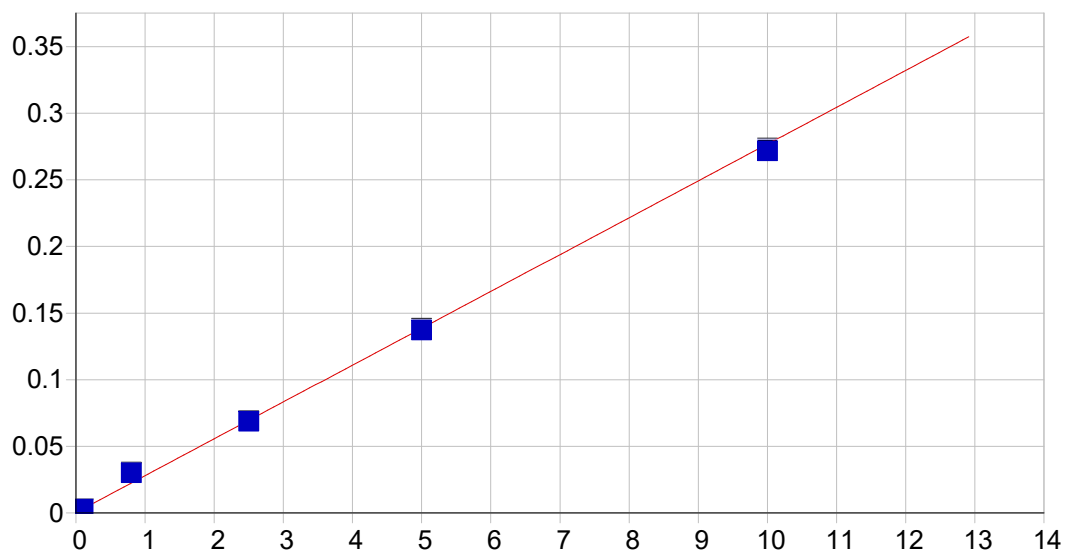


Cu 324.754 {104}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000883	Re-Slope:	1.000000
A1 (Gain):	0.133810	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999895	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.002902		
Predicted MQL:	0.009675		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00088	.000	1
S1	.02000	.02272	.003	13.6	.00392	.000	1
S3	.62500	.61729	-.008	-1.23	.08310	.000	1
S4	1.2500	1.2486	-.001	-.109	.16719	.000	1
S5	2.5000	2.4965	-.004	-.140	.33340	.000	1
S2	.20000	.20985	.010	4.92	.02884	.000	1

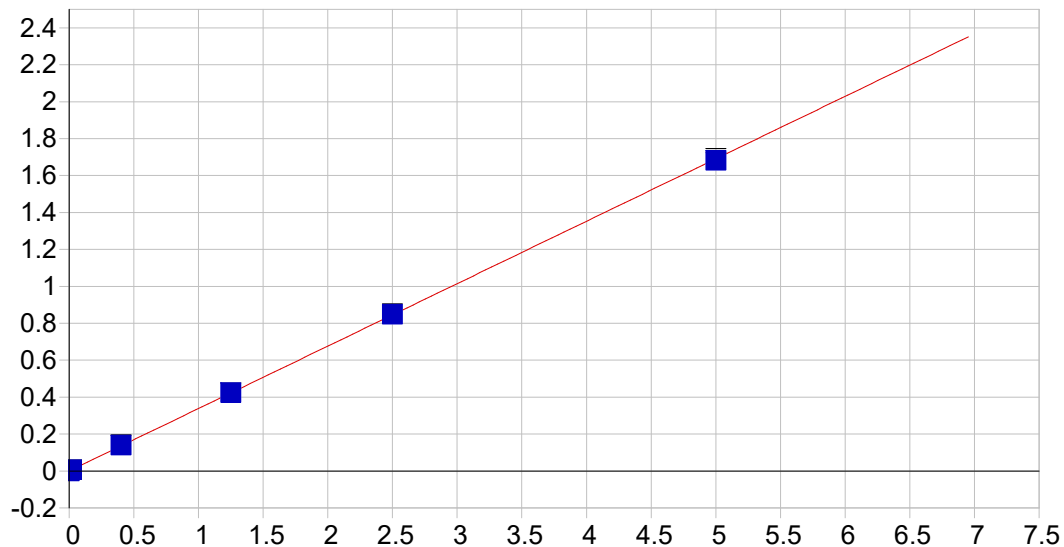


Fe 259.837 {130}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000374 Re-Slope: 1.000000
 A1 (Gain): 0.027647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997458 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.008166
 Predicted MQL: 0.027220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00037	.000	1
S1	.10000	.09503	-.005	-4.97	.00301	.000	1
S3	2.5000	2.4695	-.030	-1.22	.06899	.000	1
S4	5.0000	4.9523	-.048	-.954	.13797	.001	1
S5	10.000	9.8144	-.186	-1.86	.27306	.001	1
S2	.80000	1.0687	.269	33.6	.03003	.000	1

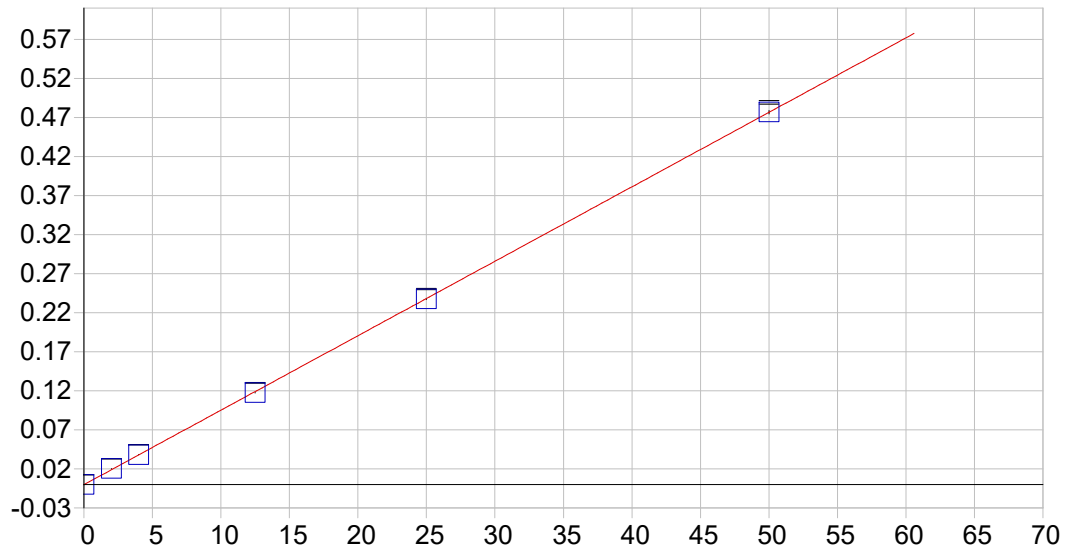


Mn 257.610 {131}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.338137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.000586
 Predicted MQL: 0.001954

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.02000	.02078	.001	3.88	.00701	.000	1
S3	1.2500	1.2518	.002	.142	.42333	.001	1
S4	2.5000	2.5114	.011	.455	.84933	.001	1
S5	5.0000	4.9725	-.027	-.550	1.6817	.012	1
S2	.40000	.41355	.014	3.39	.13985	.001	1

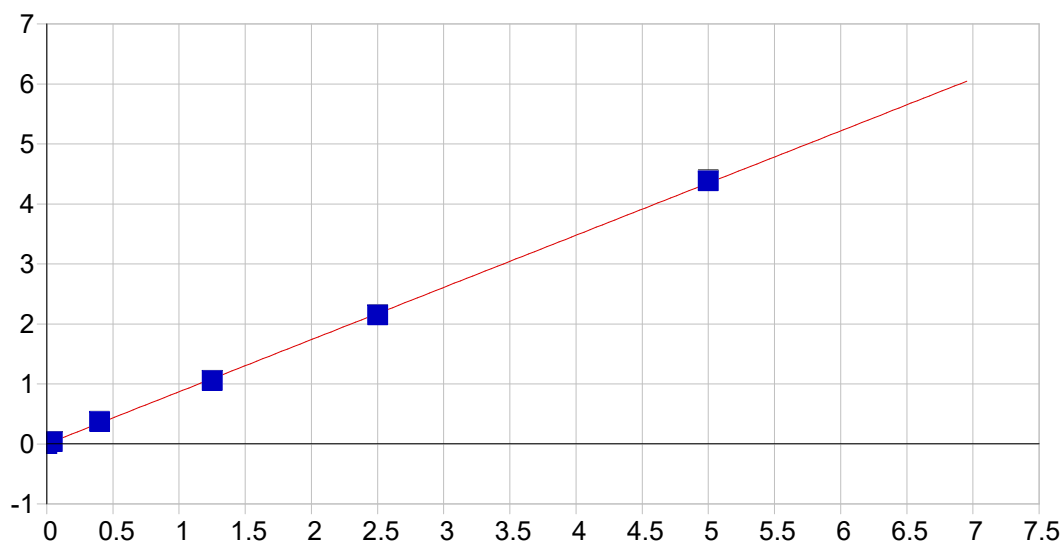


Mg 279.079 {121}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000236 Re-Slope: 1.000000
 A1 (Gain): 0.009534 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.028500
 Predicted MQL: 0.095002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	-.00024	.000	1
S2	4.0000	4.0316	.032	.790	.03820	.000	1
S3	12.500	12.353	-.147	-1.18	.11754	.001	1
S4	25.000	24.948	-.052	-.209	.23762	.001	1
S5	50.000	50.018	.018	.036	.47665	.002	1
S1	2.0000	2.1499	.150	7.49	.02026	.000	1

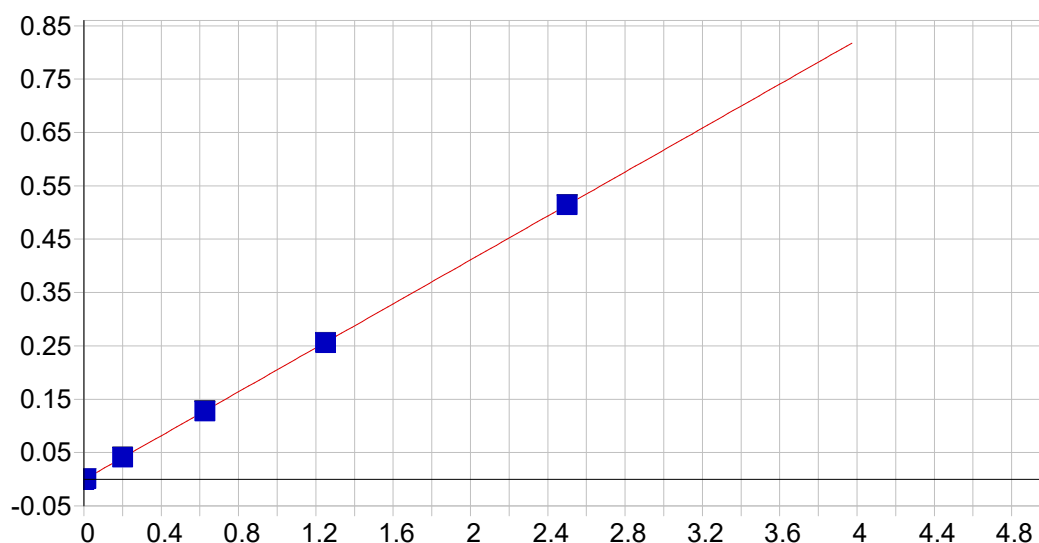


Ni 231.604 {446}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000441	Re-Slope:	1.000000
A1 (Gain):	0.869474	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999782	Status:	OK.
Std Error of Est:	0.000426		
Predicted MDL:	0.000553		
Predicted MQL:	0.001842		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00044	.000	1
S1	.04000	.03905	-.001	-2.37	.03355	.000	1
S3	1.2500	1.2126	-.037	-2.99	1.0549	.003	1
S4	2.5000	2.4701	-.030	-1.20	2.1494	.002	1
S5	5.0000	5.0385	.038	.769	4.3845	.015	1
S2	.40000	.42978	.030	7.45	.37358	.001	1

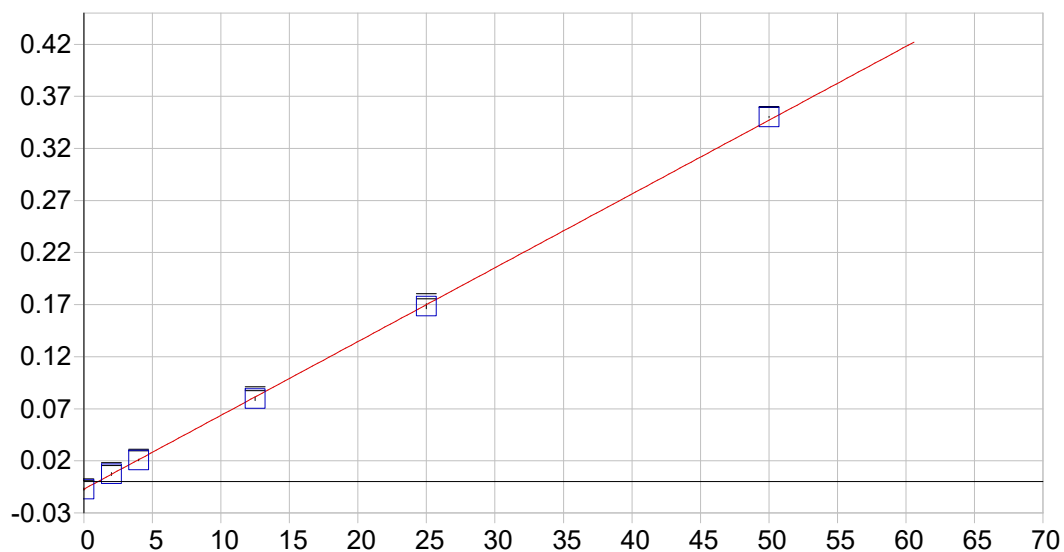


Ag 328.068 {103}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000826	Re-Slope:	1.000000
A1 (Gain):	0.205973	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.000565		
Predicted MQL:	0.001884		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00083	.000	1
S1	.01000	.01015	.000	1.49	.00126	.000	1
S3	.62500	.62428	-.001	-.116	.12762	.001	1
S4	1.2500	1.2463	-.004	-.292	.25561	.001	1
S5	2.5000	2.5004	.000	.018	.51365	.001	1
S2	.20000	.20378	.004	1.89	.04110	.000	1

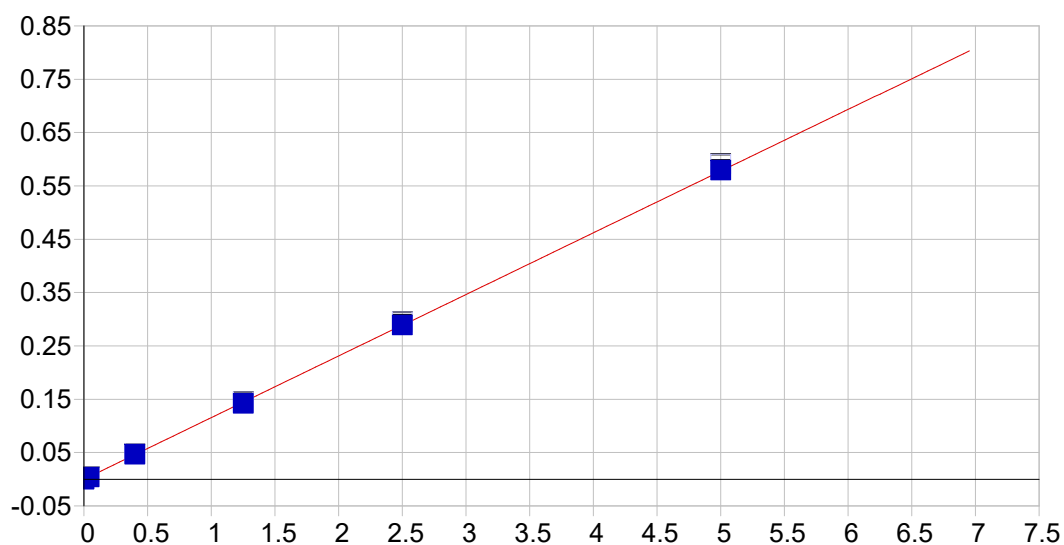


Na 818.326 { 41}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007164 Re-Slope: 1.000000
 A1 (Gain): 0.007085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.225925
 Predicted MQL: 0.753082

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00716	.001	1
S2	4.0000	3.9471	-.053	-1.32	.02080	.001	1
S3	12.500	12.276	-.224	-1.80	.07981	.002	1
S4	25.000	24.794	-.206	-.825	.16850	.002	1
S5	50.000	50.433	.433	.867	.35016	.000	1
S1	2.0000	2.0502	.050	2.51	.00736	.001	1

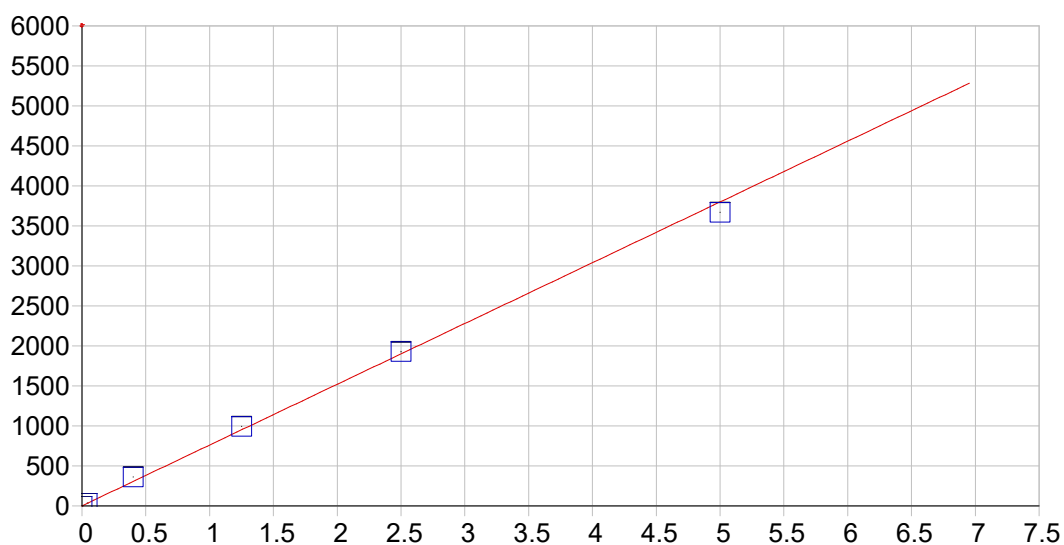


V 292.402 {115}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000095	Re-Slope:	1.000000
A1 (Gain):	0.115553	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.002805		
Predicted MQL:	0.009351		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.04000	.03767	-.002	-5.83	.00449	.001	1
S3	1.2500	1.2302	-.020	-1.58	.14494	.001	1
S4	2.5000	2.5019	.002	.076	.29476	.001	1
S5	5.0000	5.0145	.014	.289	.59085	.001	1
S2	.40000	.40581	.006	1.45	.04772	.000	1

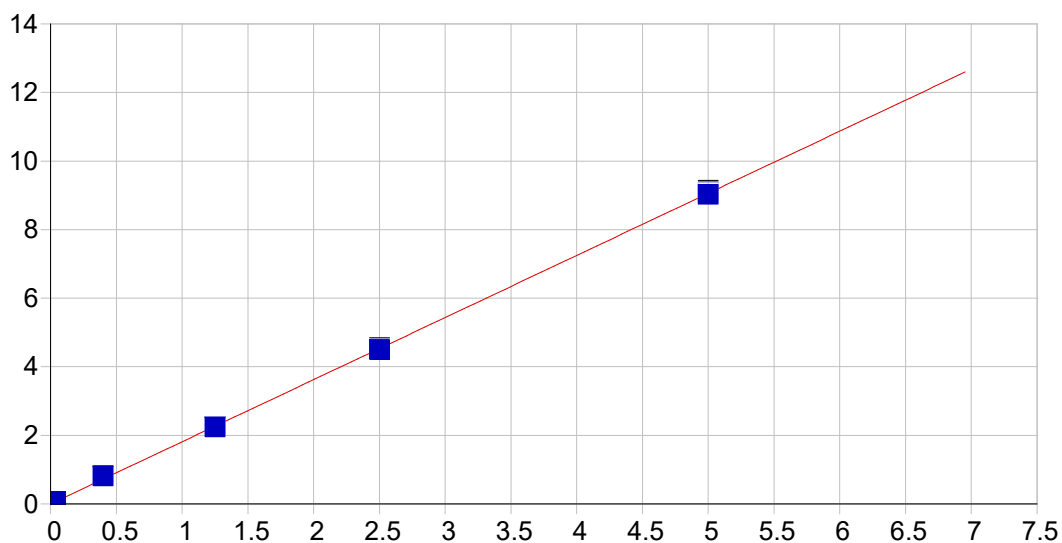


Zn 206.200 {464}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.269810 Re-Slope: 1.000000
 A1 (Gain): 759.667536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998731 Status: OK.
 Std Error of Est: 0.898902
 Predicted MDL: 0.000555
 Predicted MQL: 0.001852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	1.2598	.031	1
S1	.04000	.04467	.005	11.7	35.205	.460	1
S3	1.2500	1.3067	.057	4.53	993.90	2.40	1
S4	2.5000	2.5352	.035	1.41	1927.2	4.69	1
S5	5.0000	4.8289	-.171	-3.42	3669.6	2.72	1
S2	.40000	.47455	.075	18.6	361.77	.655	1

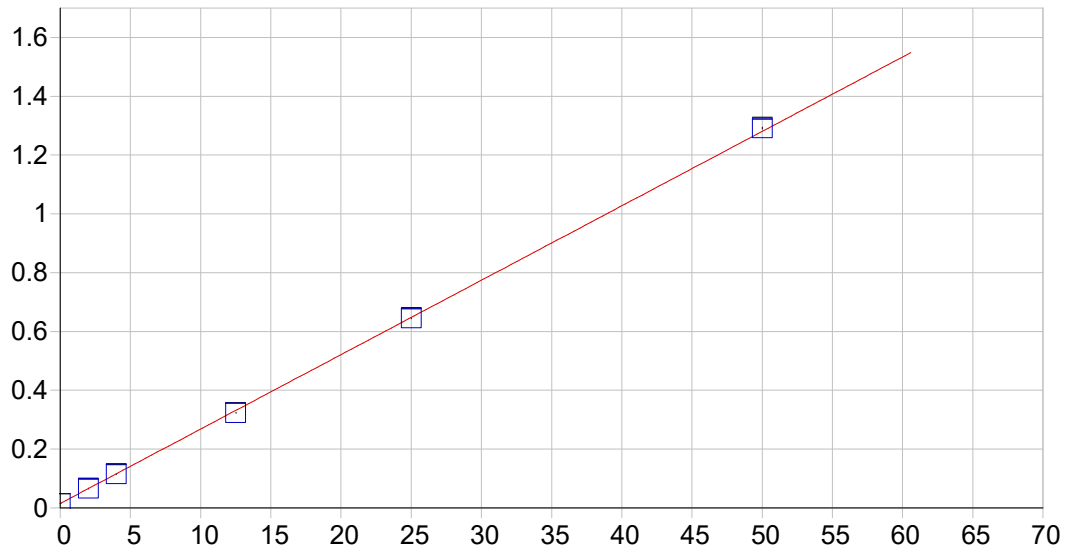


Zn 213.856 {158}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001023 Re-Slope: 1.000000
 A1 (Gain): 1.811682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999692 Status: OK.
 Std Error of Est: 0.001061
 Predicted MDL: 0.000618
 Predicted MQL: 0.002061

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00101	.001	1
S1	.04000	.04125	.001	3.12	.07617	.001	1
S3	1.2500	1.2368	-.013	-1.05	2.2546	.008	1
S4	2.5000	2.4826	-.017	-.697	4.5242	.029	1
S5	5.0000	4.9830	-.017	-.340	9.0797	.068	1
S2	.40000	.44634	.046	11.6	.81373	.004	1

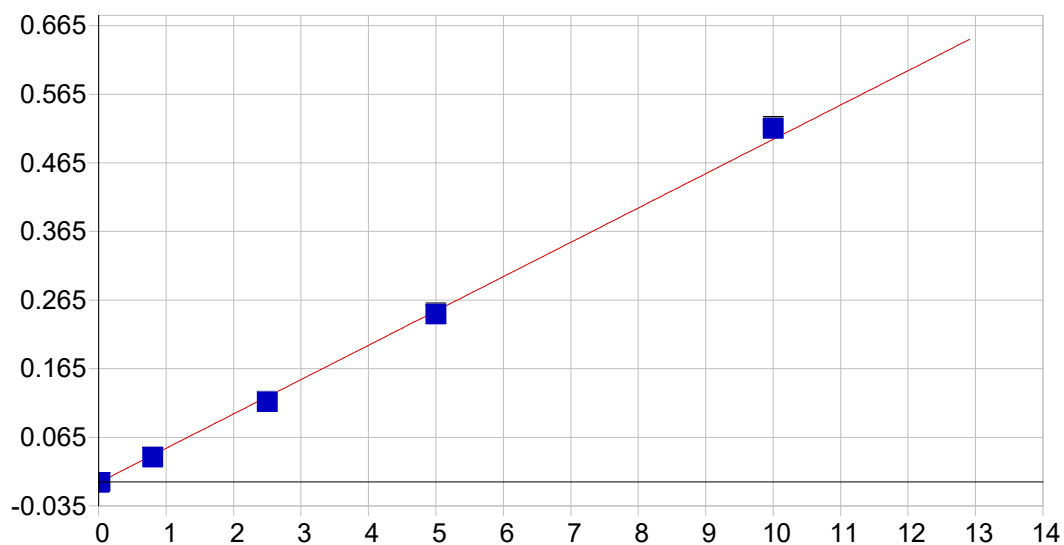


K 769.896 { 44}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015034 Re-Slope: 1.000000
 A1 (Gain): 0.025310 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000160
 Predicted MDL: 0.058489
 Predicted MQL: 0.194962

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.01503	.001	1
S2	4.0000	3.9443	-.056	-1.39	.11486	.001	1
S3	12.500	12.181	-.319	-2.55	.32333	.000	1
S4	25.000	24.913	-.087	-.347	.64558	.002	1
S5	50.000	50.443	.443	.887	1.2917	.003	1
S1	2.0000	2.0180	.018	.898	.06611	.002	1

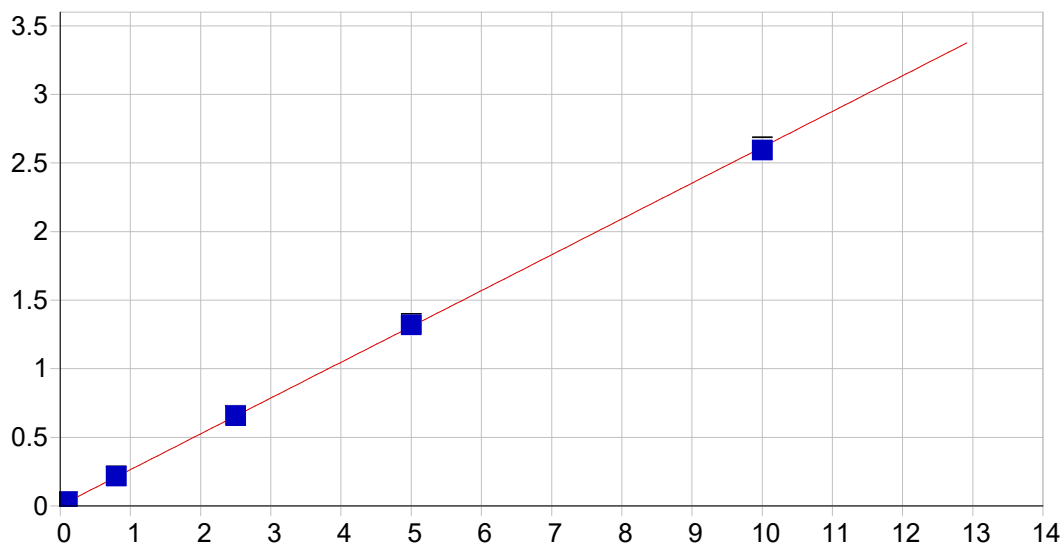


P 177.495 {490}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001037 Re-Slope: 1.000000
 A1 (Gain): 0.050034 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999309 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.005115
 Predicted MQL: 0.017048

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00104	.000	1
S1	.02000	.01789	-.002	-10.6	-.00013	.000	1
S3	2.5000	2.3546	-.145	-5.82	.11706	.001	1
S4	5.0000	4.9020	-.098	-1.96	.24481	.001	1
S5	10.000	10.310	.310	3.10	.51597	.002	1
S2	.80000	.73536	-.065	-8.08	.03585	.000	1

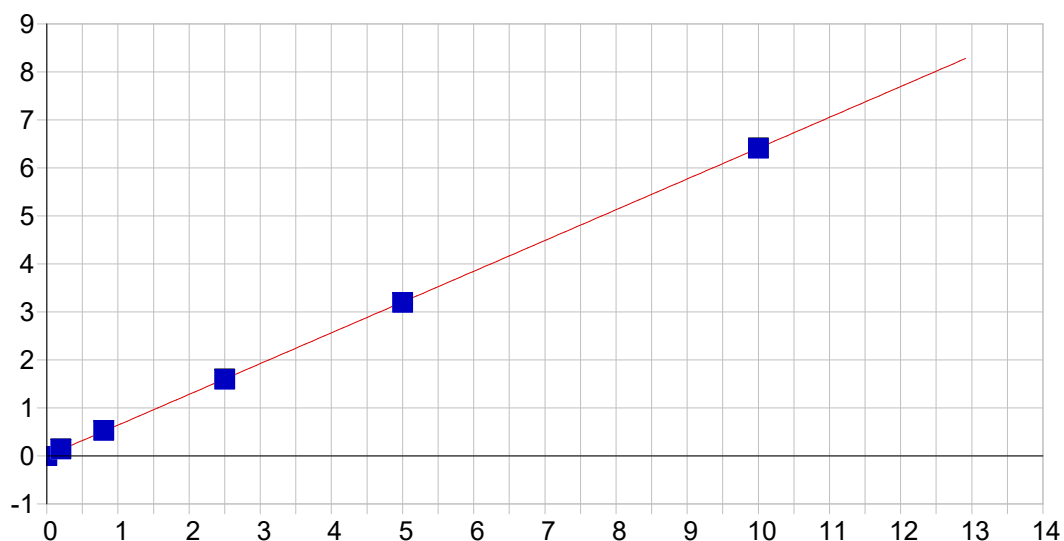


B 249.678 {135}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002524 Re-Slope: 1.000000
 A1 (Gain): 0.261205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.001356
 Predicted MQL: 0.004519

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00252	.000	1
S1	.10000	.10271	.003	2.71	.02925	.000	1
S3	2.5000	2.5118	.012	.472	.65713	.001	1
S4	5.0000	5.0423	.042	.845	1.3166	.011	1
S5	10.000	9.9265	-.074	-.735	2.5894	.023	1
S2	.80000	.81677	.017	2.10	.21539	.002	1

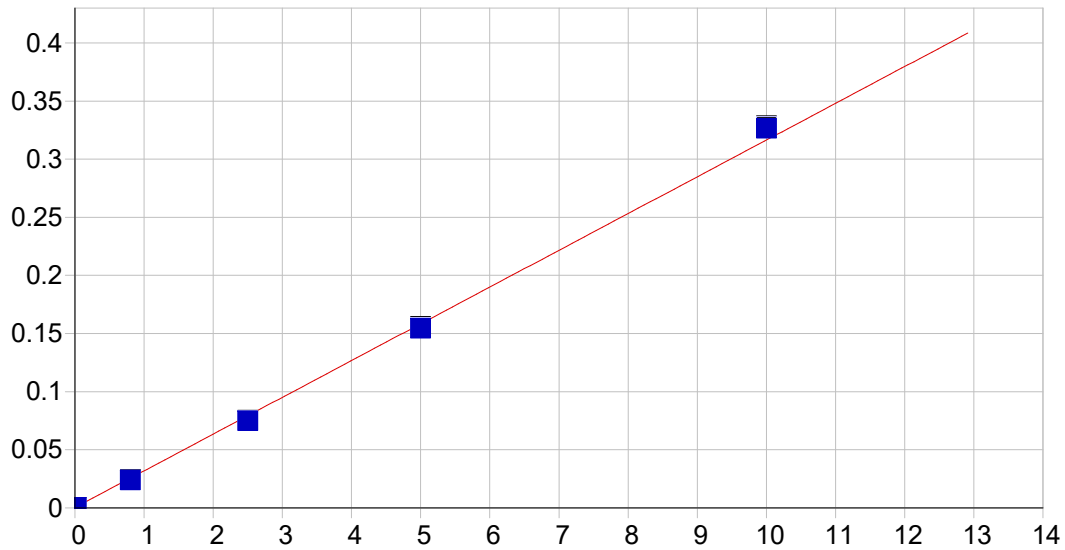


Mo 202.030 {467}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000480 Re-Slope: 1.000000
 A1 (Gain): 0.641185 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000559
 Predicted MDL: 0.000594
 Predicted MQL: 0.001980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00049	.000	1
S1	.20000	.21860	.019	9.30	.13970	.002	1
S3	2.5000	2.4897	-.010	-.413	1.5962	.003	1
S4	5.0000	4.9769	-.023	-.462	3.1913	.002	1
S5	10.000	9.9920	-.008	-.080	6.4077	.008	1
S2	.80000	.82282	.023	2.85	.52721	.002	1

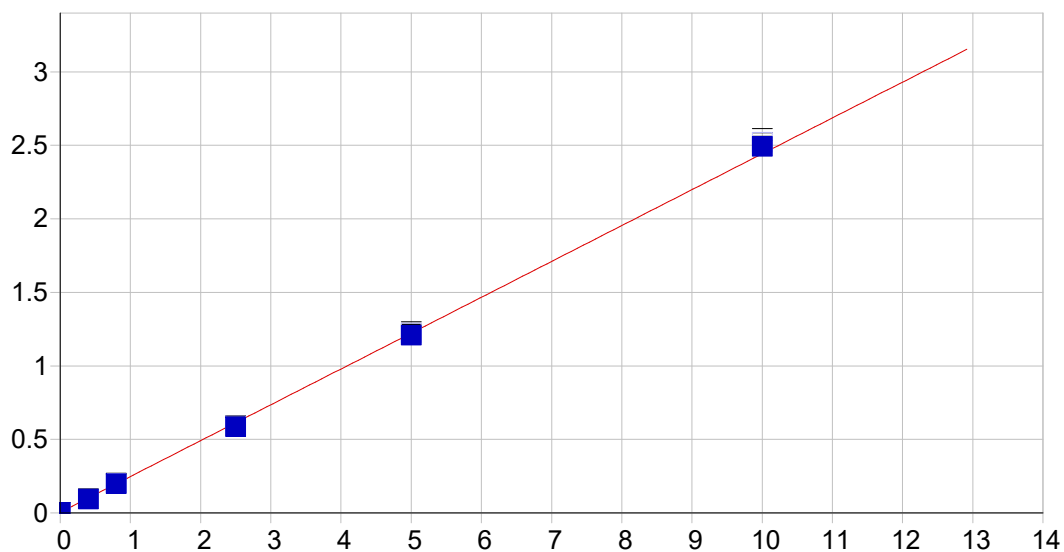


S 182.034 {485}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000292	Re-Slope:	1.000000
A1 (Gain):	0.031614	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999300	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.008002		
Predicted MQL:	0.026672		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00029	.000	1
S1	.02000	.01512	-.005	-24.4	.00075	.000	1
S3	2.5000	2.3591	-.141	-5.63	.07526	.000	1
S4	5.0000	4.8758	-.124	-2.48	.15522	.001	1
S5	10.000	10.322	.322	3.22	.32816	.000	1
S2	.80000	.74808	-.052	-6.49	.02407	.000	1

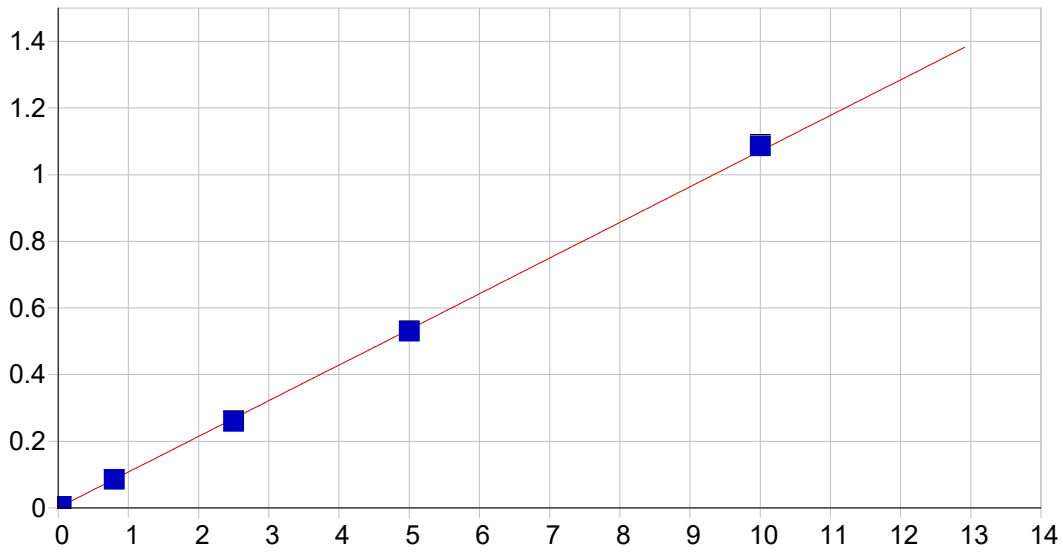


Si 251.611 {134}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003423 Re-Slope: 1.000000
 A1 (Gain): 0.243902 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999682 Status: OK.
 Std Error of Est: 0.000659
 Predicted MDL: 0.001414
 Predicted MQL: 0.004713

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00343	.000	1
S1	.40000	.36979	-.030	-7.55	.09408	.001	1
S3	2.5000	2.3861	-.114	-4.56	.59258	.001	1
S4	5.0000	4.9431	-.057	-1.14	1.2234	.009	1
S5	10.000	10.202	.202	2.02	2.5203	.026	1
S2	.80000	.79921	-.001	-.099	.20065	.002	1

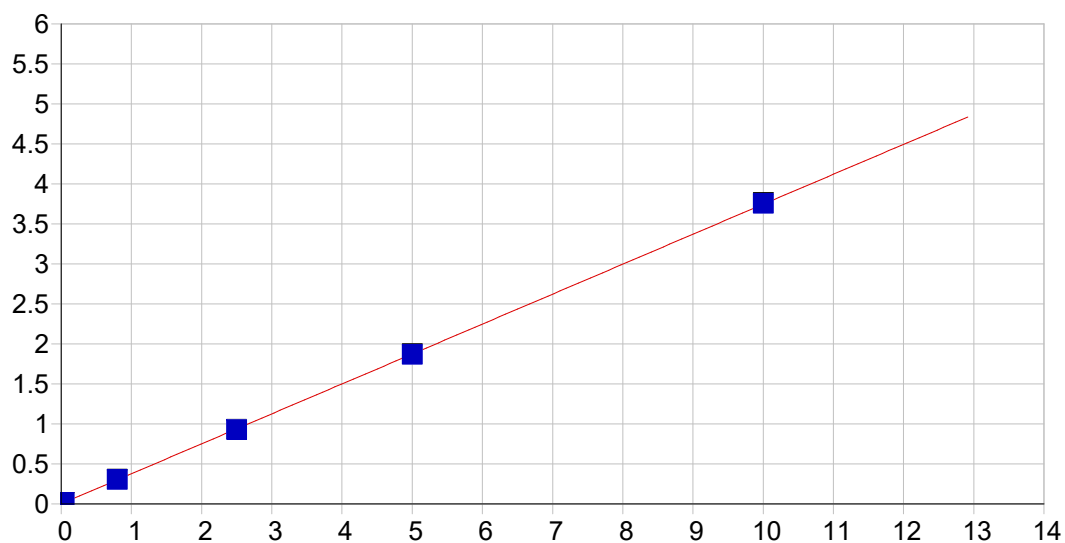


Sn 189.989 {478}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000585 Re-Slope: 1.000000
A1 (Gain): 0.107011 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999840 Status: OK.
Std Error of Est: 0.000064
Predicted MDL: 0.002305
Predicted MQL: 0.007683

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.04000	.03760	-.002	-5.99	.00461	.000	1
S3	2.5000	2.4147	-.085	-3.41	.25877	.002	1
S4	5.0000	4.9474	-.053	-1.05	.52959	.001	1
S5	10.000	10.148	.148	1.48	1.0857	.004	1
S2	.80000	.79225	-.008	-.968	.08530	.000	1

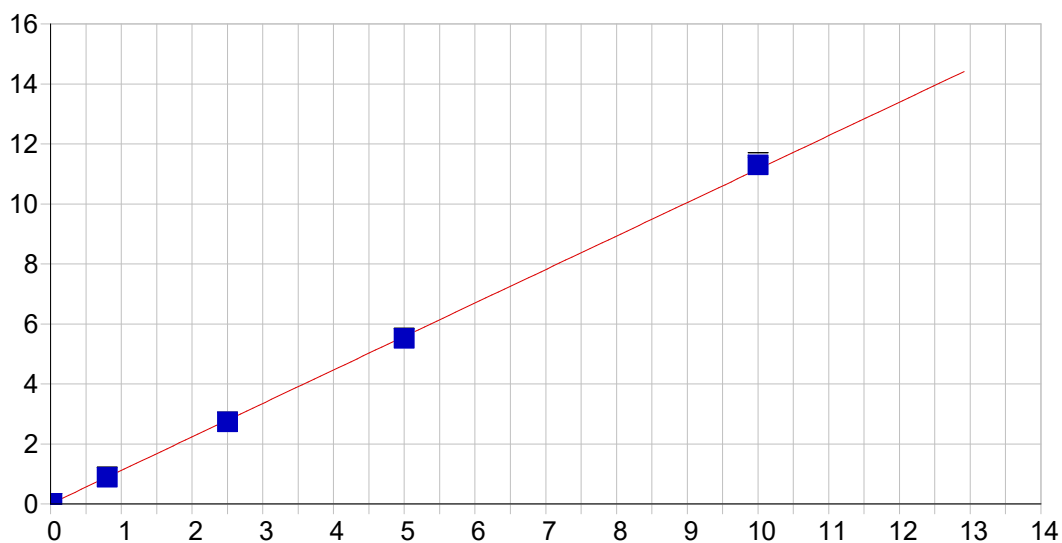


Ti 336.121 {100}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002193 Re-Slope: 1.000000
 A1 (Gain): 0.374329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001169
 Predicted MQL: 0.003896

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00219	.000	1
S1	.04000	.03907	-.001	-2.33	.01681	.000	1
S3	2.5000	2.4759	-.024	-.963	.92869	.002	1
S4	5.0000	4.9871	-.013	-.258	1.8684	.006	1
S5	10.000	10.032	.032	.323	3.7563	.008	1
S2	.80000	.80556	.006	.695	.30364	.003	1



Li 670.784 { 50}

Date of Fit: 12/29/2023 10:16:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001848 Re-Slope: 1.000000
 A1 (Gain): 1.115779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000370
 Predicted MDL: 0.001477
 Predicted MQL: 0.004923

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00185	.001	1
S5	10.000	10.125	.125	1.25	11.302	.075	1
S4	5.0000	4.9406	-.059	-1.19	5.5156	.014	1
S3	2.5000	2.4436	-.056	-2.26	2.7289	.006	1
S1	.02000	.01996	-.000	-.208	.02414	.001	1
S2	.80000	.79042	-.010	-1.20	.88396	.010	1







Y 371.030 { 91}*

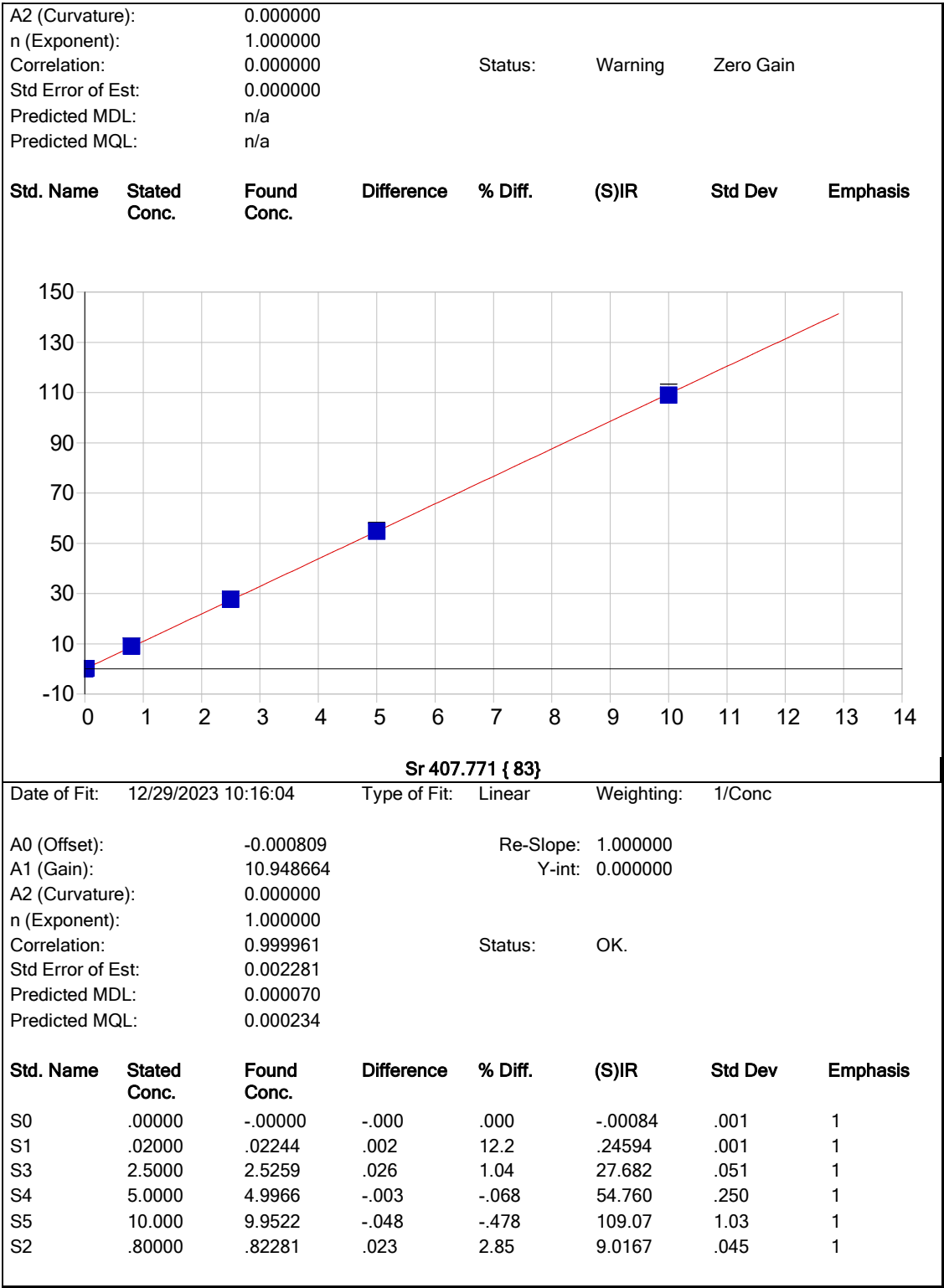
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 12/29/2023 9:52:14 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.00010	-.00027	.00023	-.00015	-.00016	-.00162	-.00071	-.00097
Stddev	.00018	.00024	.00081	.00041	.00039	.00069	.00070	.00013
%RSD	182.96	91.534	351.23	272.17	247.85	42.244	97.838	13.304

#1	.00030	-.00002	.00092	-.00051	-.00035	-.00083	.00002	-.00082
#2	.00003	-.00050	-.00066	-.00023	-.00041	-.00204	-.00136	-.00105
#3	-.00004	-.00028	.00044	.00029	.00029	-.00199	-.00080	-.00103

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	.00041	.00262	.00002	-.00101	.00088	.00037	-.00002	-.00024
Stddev	.00056	.00050	.00005	.00014	.00040	.00012	.00015	.00009
%RSD	136.48	18.979	210.24	13.449	45.139	33.039	845.31	37.200

#1	-.00014	.00318	.00005	-.00088	.00088	.00027	.00007	-.00014
#2	.00098	.00222	.00006	-.00101	.00048	.00051	-.00019	-.00025
#3	.00039	.00247	-.00003	-.00115	.00128	.00034	.00007	-.00032

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	-.00044	-.00083	-.00716	-.00009	.00101	.01503	-.00104	.00252
Stddev	.00029	.00006	.00103	.00024	.00080	.00077	.00020	.00010
%RSD	65.989	7.4975	14.327	251.74	78.605	5.1519	19.446	3.9626

#1	-.00073	-.00076	-.00598	.00016	.00049	.01468	-.00123	.00257
#2	-.00044	-.00085	-.00783	-.00031	.00193	.01592	-.00083	.00259
#3	-.00015	-.00087	-.00768	-.00014	.00062	.01450	-.00104	.00241

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	-.00049	.00029	.00343	.00059	.00219	.00185	-.00084	
Stddev	.00021	.00011	.00048	.00014	.00023	.00147	.00056	
%RSD	41.736	37.971	14.107	24.522	10.505	79.290	66.273	

#1	-.00028	.00039	.00366	.00045	.00211	.00163	-.00070	
#2	-.00069	.00032	.00377	.00074	.00245	.00341	-.00037	
#3	-.00052	.00017	.00288	.00056	.00201	.00050	-.00146	

Sample Name: S0 Acquired: 12/29/2023 9:52:14 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	947.92	1102.5	43098.	6622.3	1330.3
Stddev	10.52	1.5	274.	18.8	1.3
%RSD	1.1095	.13501	.63674	.28353	.10048
#1	940.10	1104.1	42889.	6640.1	1328.8
#2	943.78	1102.2	42998.	6624.2	1331.3
#3	959.88	1101.2	43409.	6602.6	1330.9

Sample Name: S1 Acquired: 12/29/2023 9:56:17 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.00063	.00220	.00243	.00083	.00660	.00832	.46050	.01777
Stddev	.00005	.00008	.00047	.00018	.00022	.00053	.00213	.00016
%RSD	8.4045	3.8108	19.529	21.816	3.3455	6.4007	.46230	.90822

#1	.00057	.00221	.00266	.00076	.00674	.00771	.45820	.01777
#2	.00068	.00211	.00274	.00103	.00670	.00867	.46239	.01794
#3	.00065	.00227	.00188	.00069	.00634	.00858	.46092	.01761

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	.01791	.10766	.00151	.02275	.00392	.00301	.00701	.02026
Stddev	.00026	.00118	.00007	.00033	.00030	.00014	.00017	.00012
%RSD	1.4605	1.0931	4.4551	1.4450	7.7688	4.7719	2.3762	.60595

#1	.01782	.10636	.00155	.02288	.00357	.00306	.00720	.02016
#2	.01821	.10795	.00155	.02238	.00412	.00285	.00688	.02022
#3	.01771	.10866	.00143	.02300	.00407	.00312	.00695	.02040

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	.03355	.00126	.00736	.00449	.07617	.06611	-.00013	.02925
Stddev	.00043	.00001	.00149	.00061	.00096	.00157	.00016	.00030
%RSD	1.2857	.70446	20.209	13.511	1.2569	2.3763	122.47	1.0293

#1	.03335	.00127	.00591	.00469	.07712	.06506	-.00019	.02911
#2	.03404	.00125	.00888	.00497	.07616	.06535	.00005	.02904
#3	.03325	.00126	.00730	.00381	.07521	.06791	-.00025	.02960

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	.13970	.00075	.09408	.00461	.01681	.02414	.24594	
Stddev	.00156	.00013	.00060	.00009	.00033	.00133	.00098	
%RSD	1.1154	16.582	.64007	2.0115	1.9856	5.5253	.39938	

#1	.14104	.00077	.09475	.00472	.01643	.02260	.24529	
#2	.14006	.00087	.09391	.00456	.01693	.02485	.24707	
#3	.13799	.00062	.09359	.00456	.01707	.02496	.24546	

Sample Name: S1 Acquired: 12/29/2023 9:56:17 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	948.45	1084.5	42914.	6660.1	1313.0
Stddev	9.01	2.4	232.	16.0	2.4
%RSD	.95012	.21684	.53994	.24061	.17988
#1	939.76	1082.9	42748.	6645.0	1311.9
#2	947.84	1083.4	42816.	6658.6	1311.4
#3	957.75	1087.2	43179.	6676.9	1315.7

Sample Name: S2 Acquired: 12/29/2023 10:00:19 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.01925	.05236	.16409	.02800	.11394	.15571	7.4385	.12264
Stddev	.00029	.00030	.00060	.00018	.00052	.00159	.0597	.00158
%RSD	1.4875	.57858	.36798	.64523	.45532	1.0188	.80184	1.2905

#1	.01954	.05233	.16369	.02783	.11368	.15431	7.3871	.12160
#2	.01925	.05268	.16380	.02798	.11361	.15539	7.5039	.12446
#3	.01896	.05208	.16478	.02819	.11454	.15744	7.4245	.12186

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	1.0769	.21010	.03383	.32118	.02884	.03003	.13985	.03820
Stddev	.0027	.00191	.00015	.00138	.00041	.00049	.00147	.00038
%RSD	.25032	.90730	.45309	.42956	1.4147	1.6290	1.0503	1.0040

#1	1.0741	.20829	.03395	.31999	.02841	.02957	.13833	.03782
#2	1.0772	.21209	.03366	.32086	.02922	.03054	.14126	.03859
#3	1.0794	.20992	.03389	.32269	.02889	.02997	.13995	.03819

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	.37358	.04110	.02080	.04772	.81373	.11486	.03585	.21539
Stddev	.00135	.00015	.00079	.00025	.00409	.00132	.00026	.00213
%RSD	.36233	.37211	3.8219	.51387	.50233	1.1525	.73178	.98722

#1	.37202	.04104	.02078	.04744	.80911	.11454	.03557	.21471
#2	.37422	.04099	.02160	.04786	.81520	.11373	.03588	.21777
#3	.37449	.04128	.02001	.04786	.81688	.11632	.03609	.21369

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	.52721	.02407	.20065	.08530	.30364	.88396	9.0167	
Stddev	.00200	.00009	.00204	.00026	.00339	.01015	.0450	
%RSD	.37866	.36678	1.0161	.30460	1.1169	1.1481	.49957	

#1	.52540	.02399	.20001	.08518	.29974	.87705	8.9653	
#2	.52689	.02404	.20293	.08560	.30594	.89561	9.0495	
#3	.52935	.02416	.19900	.08512	.30523	.87922	9.0351	

Sample Name: S2 Acquired: 12/29/2023 10:00:19 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	932.13	1071.1	42424.	6592.9	1283.6
Stddev	1.92	1.4	90.	64.4	1.2
%RSD	.20583	.13214	.21140	.97645	.09150
#1	933.18	1070.5	42386.	6624.6	1284.9
#2	933.29	1072.8	42526.	6518.8	1283.2
#3	929.92	1070.1	42359.	6635.3	1282.6

Sample Name: S3 Acquired: 12/29/2023 10:04:16 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.05937	.16283	.50632	.08671	.34917	.48019	23.061	.37575
Stddev	.00008	.00111	.00129	.00029	.00081	.00254	.047	.00155
%RSD	.13988	.67935	.25408	.33973	.23318	.52818	.20327	.41316

#1	.05928	.16156	.50631	.08703	.34998	.47764	23.076	.37704
#2	.05944	.16360	.50504	.08646	.34836	.48021	23.009	.37619
#3	.05938	.16333	.50761	.08662	.34916	.48271	23.099	.37403

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	3.3174	.63684	.07347	.99434	.08310	.06899	.42333	.11754
Stddev	.0092	.00389	.00020	.00341	.00008	.00016	.00127	.00053
%RSD	.27791	.61026	.26762	.34273	.09211	.23342	.30112	.44952

#1	3.3075	.63758	.07325	.99097	.08301	.06883	.42227	.11760
#2	3.3190	.63264	.07362	.99426	.08311	.06897	.42298	.11698
#3	3.3257	.64030	.07355	.99779	.08317	.06916	.42475	.11803

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	1.0549	.12762	.07981	.14494	2.2546	.32333	.11706	.65713
Stddev	.0029	.00053	.00185	.00093	.0083	.00043	.00050	.00093
%RSD	.27174	.41464	2.3210	.64079	.36751	.13219	.43077	.14182

#1	1.0542	.12786	.07768	.14424	2.2638	.32289	.11648	.65690
#2	1.0525	.12798	.08101	.14459	2.2477	.32375	.11740	.65633
#3	1.0581	.12701	.08074	.14599	2.2522	.32336	.11729	.65815

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	1.5962	.07526	.59258	.25877	.92869	2.7289	27.682	
Stddev	.0034	.00028	.00073	.00174	.00202	.0063	.051	
%RSD	.21600	.37802	.12257	.67409	.21798	.23083	.18564	

#1	1.5983	.07556	.59324	.25774	.92650	2.7330	27.662	
#2	1.5922	.07500	.59180	.25779	.92905	2.7216	27.644	
#3	1.5981	.07523	.59270	.26079	.93050	2.7320	27.741	

Sample Name: S3 Acquired: 12/29/2023 10:04:16 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	933.70	1068.5	42340.	6619.7	1254.5
Stddev	5.04	2.9	181.	21.2	1.4
%RSD	.53996	.26878	.42717	.32095	.10933
#1	928.07	1065.5	42272.	6595.9	1255.7
#2	937.80	1071.2	42202.	6626.4	1254.9
#3	935.23	1068.7	42545.	6636.8	1253.0

Sample Name: S4 Acquired: 12/29/2023 10:08:07 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.12059	.33149	1.0271	.17443	.70620	.97547	46.658	.74560
Stddev	.00023	.00034	.0017	.00020	.00019	.00285	.092	.00654
%RSD	.18744	.10325	.16451	.11366	.02720	.29237	.19807	.87725

#1	.12081	.33139	1.0264	.17454	.70610	.97410	46.715	.75082
#2	.12060	.33188	1.0259	.17455	.70642	.97874	46.707	.74773
#3	.12036	.33122	1.0291	.17420	.70608	.97356	46.551	.73827

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	6.7557	1.2801	.14725	2.0344	.16719	.13797	.84933	.23762
Stddev	.0043	.0037	.00036	.0025	.00016	.00066	.00119	.00082
%RSD	.06445	.28678	.24630	.12478	.09337	.47916	.13953	.34381

#1	6.7513	1.2816	.14706	2.0319	.16701	.13723	.84834	.23790
#2	6.7556	1.2827	.14702	2.0370	.16727	.13851	.85064	.23826
#3	6.7600	1.2759	.14767	2.0344	.16729	.13816	.84899	.23670

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	2.1494	.25561	.16850	.29476	4.5242	.64558	.24481	1.3166
Stddev	.0024	.00076	.00248	.00092	.0289	.00187	.00140	.0114
%RSD	.11170	.29609	1.4730	.31147	.63797	.28965	.57383	.86915

#1	2.1477	.25474	.17071	.29435	4.5497	.64351	.24394	1.3245
#2	2.1483	.25599	.16898	.29581	4.4929	.64713	.24405	1.3218
#3	2.1521	.25610	.16581	.29412	4.5301	.64612	.24643	1.3035

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	3.1913	.15522	1.2234	.52959	1.8684	5.5156	54.760	
Stddev	.0017	.00077	.0085	.00095	.0056	.0138	.250	
%RSD	.05271	.49482	.69772	.18031	.29997	.25086	.45596	

#1	3.1929	.15605	1.2275	.53004	1.8740	5.5216	54.549	
#2	3.1896	.15454	1.2291	.53024	1.8684	5.5255	55.036	
#3	3.1915	.15506	1.2136	.52850	1.8628	5.4998	54.695	

Sample Name: S4 Acquired: 12/29/2023 10:08:07 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	908.67	1042.5	41217.	6544.7	1192.5
Stddev	5.71	1.1	157.	40.3	.6
%RSD	.62855	.10656	.38114	.61612	.04947
#1	905.88	1041.9	41344.	6514.0	1192.6
#2	915.24	1041.9	41265.	6529.7	1191.8
#3	904.90	1043.8	41041.	6590.4	1193.0

Sample Name: S5 Acquired: 12/29/2023 10:12:06 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.24681	.66906	2.1043	.35488	1.4421	1.9709	92.281	1.4612
Stddev	.00022	.00309	.0059	.00055	.0025	.0033	.892	.0114
%RSD	.08954	.46151	.28080	.15459	.17083	.16651	.96675	.77859

#1	.24686	.67091	2.1004	.35544	1.4406	1.9700	91.587	1.4532
#2	.24657	.66549	2.1015	.35434	1.4407	1.9746	93.287	1.4742
#3	.24700	.67077	2.1111	.35485	1.4449	1.9682	91.969	1.4560

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	13.681	2.5472	.29211	4.1597	.33340	.27306	1.6817	.47665
Stddev	.048	.0188	.00068	.0123	.00005	.00082	.0116	.00227
%RSD	.34831	.73812	.23124	.29524	.01543	.29971	.68947	.47685

#1	13.650	2.5327	.29147	4.1550	.33340	.27228	1.6725	.47422
#2	13.658	2.5684	.29282	4.1505	.33345	.27391	1.6947	.47872
#3	13.736	2.5405	.29204	4.1737	.33334	.27300	1.6778	.47700

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	4.3845	.51365	.35016	.59085	9.0797	1.2917	.51597	2.5894
Stddev	.0149	.00090	.00045	.00126	.0676	.0030	.00226	.0230
%RSD	.33980	.17428	.12914	.21245	.74467	.22923	.43773	.88712

#1	4.3773	.51423	.35042	.58959	9.0907	1.2904	.51778	2.5720
#2	4.3747	.51409	.34963	.59210	9.1411	1.2951	.51344	2.6154
#3	4.4017	.51262	.35041	.59087	9.0072	1.2897	.51671	2.5808

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	6.4077	.32816	2.5203	1.0857	3.7563	11.302	109.07
Stddev	.0083	.00048	.0264	.0044	.0083	.075	1.03
%RSD	.12910	.14626	1.0487	.40510	.22020	.66462	.94880

#1	6.4012	.32848	2.4918	1.0836	3.7604	11.298	107.88
#2	6.4048	.32761	2.5440	1.0828	3.7617	11.379	109.73
#3	6.4170	.32840	2.5252	1.0908	3.7468	11.229	109.61

Sample Name: S5 Acquired: 12/29/2023 10:12:06 Type: Cal
Method: NON EPA-6010-200.7(v183) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	876.63	1005.3	40421.	6548.6	1120.6
Stddev	7.29	1.3	124.	45.6	1.4
%RSD	.83122	.12627	.30567	.69560	.12220
#1	871.06	1006.0	40301.	6572.3	1121.7
#2	873.95	1003.9	40415.	6496.0	1121.1
#3	884.88	1006.1	40548.	6577.4	1119.1

Sample Name: ICV01 Acquired: 12/29/2023 10:16:10 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042172	1.027477	1.012278	1.047169	.9672097	2.530974
Stddev	.008265	.010003	.008206	.008547	.0012003	.014357
%RSD	.7930210	.9735719	.8106167	.8161721	.1240962	.5672427

#1	1.034548	1.016113	1.002972	1.040342	.9683376	2.515080
#2	1.041014	1.031367	1.015386	1.044411	.9659482	2.543003
#3	1.050955	1.034951	1.018475	1.056754	.9673433	2.534838

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5203309	.5089974	.5127366	10.03840	.5056354	.4986722
Stddev	.0004863	.0015058	.0010594	.03227	.0004073	.0011426
%RSD	.0934629	.2958420	.2066196	.3215023	.0805455	.2291245

#1	.5198581	.5107061	.5115189	10.00559	.5055124	.4975336
#2	.5208297	.5084223	.5132441	10.03949	.5053039	.4986643
#3	.5203049	.5078639	.5134468	10.07011	.5060900	.4998187

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5184022	10.28591	.5229781	5.945998	F .5005434	.2542769
Stddev	.0019205	.01719	.0036156	.045129	.0020849	.0012262
%RSD	.3704665	.1671337	.6913548	.7589837	.4165307	.4822181

#1	.5184569	10.26918	.5213360	5.909959	.4981398	.2556380
#2	.5164549	10.30353	.5204748	5.996614	.5016270	.2539342
#3	.5202947	10.28502	.5271233	5.931420	.5018633	.2532586

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.905881	.4811502	1.003768	9.743892	F 2.356340	2.491961
Stddev	.139532	.0042340	.004339	.065949	.005487	.007187
%RSD	1.408579	.8799727	.4322752	.6768212	.2328619	.2884252

#1	10.04910	.4776008	1.004691	9.668966	2.350113	2.499424
#2	9.77036	.4800133	1.007571	9.769573	2.358441	2.491374
#3	9.89818	.4858366	.999041	9.793136	2.360466	2.485085

Sample Name: ICV01 Acquired: 12/29/2023 10:16:10 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.460670	2.405564	F 2.219381	F 2.364144	2.474413	2.543245
Stddev	.003675	.014985	.008415	.007221	.005228	.004634
%RSD	.1493386	.6229292	.3791730	.3054450	.2112846	.1822017

#1	2.461005	2.422830	2.229048	2.356009	2.471302	2.538139
#2	2.456839	2.397914	2.215398	2.366625	2.471488	2.544414
#3	2.464165	2.395948	2.213696	2.369798	2.480449	2.547182

Elem	Sr4077
Units	ppm
Avg	F 2.635682
Stddev	.002376
%RSD	.0901391

#1	2.635249
#2	2.638244
#3	2.633552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	913.2344	1052.076	41856.57	6622.283	1247.468
Stddev	5.5481	2.864	100.36	37.924	.655
%RSD	.6075244	.2722108	.2397593	.5726724	.0525062

#1	908.7777	1048.890	41744.68	6578.795	1247.600
#2	911.4770	1054.436	41886.38	6639.571	1246.757
#3	919.4483	1052.903	41938.64	6648.482	1248.047

Sample Name: LLICV01 Acquired: 12/29/2023 10:25:09 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166884	.0447376	.0127365	F .0275150	.0521107	.1019605
Stddev	.0007970	.0006520	.0019911	.0068720	.0019777	.0013807
%RSD	4.775964	1.457348	15.63281	24.97547	3.795283	1.354129

#1	.0163654	.0451087	.0125007	.0200654	.0518967	.1019756
#2	.0175962	.0451192	.0148351	.0336066	.0502486	.1033336
#3	.0161036	.0439847	.0108739	.0288731	.0541867	.1005724

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042975	.0062415	.0062065	2.105499	.0097892	.0287641
Stddev	.0002503	.0000016	.0000609	.024544	.0003704	.0005593
%RSD	.2399634	.0254121	.9816177	1.165709	3.784137	1.944477

#1	.1045267	.0062397	.0061695	2.077788	.0097812	.0286350
#2	.1040305	.0062424	.0062768	2.124499	.0094228	.0282806
#3	.1043355	.0062425	.0061732	2.114210	.0101636	.0293766

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223524	.0956121	.0214536	2.145351	.0390894	.0106429
Stddev	.0030765	.0034836	.0001248	.021281	.0002480	.0000913
%RSD	13.76375	3.643495	.5815095	.9919716	.6344773	.8581010

#1	.0196103	.0975639	.0215117	2.138101	.0392505	.0106517
#2	.0256794	.0915901	.0215387	2.169310	.0392140	.0105475
#3	.0217673	.0976822	.0213104	2.128642	.0388038	.0107295

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.105740	.0374962	.0414110	1.961814	F .0134507	.1109282
Stddev	.078320	.0018663	.0016917	.042697	.0045419	.0008454
%RSD	3.719367	4.977365	4.085117	2.176387	33.76721	.7621319

#1	2.034008	.0369533	.0406779	1.912523	.0091334	.1118859
#2	2.189303	.0359615	.0433456	1.985563	.0181881	.1102855
#3	2.093908	.0395738	.0402096	1.987356	.0130307	.1106132

Sample Name: LLICV01 Acquired: 12/29/2023 10:25:09 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2182163	F .0101420	.3720079	.0368240	.0397110	.0189913
Stddev	.0017381	.0012402	.0025888	.0021341	.0003254	.0004523
%RSD	.7965161	12.22802	.6958980	5.795290	.8195238	2.381731

#1	.2162116	.0110956	.3743396	.0386071	.0398714	.0184870
#2	.2193035	.0105904	.3692221	.0374054	.0393365	.0191258
#3	.2191337	.0087400	.3724622	.0344595	.0399251	.0193612

Elem	Sr4077
Units	ppm
Avg	.0223011
Stddev	.0000709
%RSD	.3180110

#1	.0223234
#2	.0223582
#3	.0222217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.8467	1060.553	42339.18	6618.987	1292.339
Stddev	7.9258	2.832	162.18	25.541	1.443
%RSD	.8579088	.2670646	.3830515	.3858680	.1116252

#1	924.1116	1063.175	42207.63	6593.350	1291.921
#2	915.7918	1057.549	42289.54	6619.180	1293.944
#3	931.6367	1060.935	42520.38	6644.430	1291.151

Sample Name: ICB01 Acquired: 12/29/2023 10:29:12 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.008289	.0030805	.0006656	.0033089	.0007240	.0054271
Stddev	.005085	.0013160	.0014658	.0054015	.0023273	.0021894
%RSD	61.34262	42.72062	220.2262	163.2419	321.4651	40.34170

#1	-.002645	.0020595	-.000798	.0082683	.0032688	.0047978
#2	-.009709	.0045657	.000661	-.002446	-.001296	.0078621
#3	-.012513	.0026162	.002134	.004105	.000199	.0036212

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	.0000636	-.000110	-.010012	-.000062	.0002866
Stddev	.000169	.0000683	.000079	.006432	.000349	.0003579
%RSD	383.8229	107.2835	71.75783	64.24026	562.4792	124.8646

#1	-.000171	.0000093	-.000060	-.016513	-.000060	.0004884
#2	-.000109	.0000413	-.000200	-.009872	.000286	-.000127
#3	.000148	.0001402	-.000069	-.003652	-.000412	.000498

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018085	-.001777	-.000115	.0157649	.0002503	.0002156
Stddev	.0009684	.008564	.000353	.0123913	.0002242	.0001343
%RSD	53.54707	481.8231	306.1121	78.60028	89.56709	62.30903

#1	.0025398	-.007567	-.000513	.0016611	.0003908	.0002139
#2	.0021755	-.005825	.000160	.0207297	-.000008	.0003507
#3	.0007103	.008060	.000008	.0249039	.000368	.0000821

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057577	-.000879	-.000880	-.085407	-.005270	.0049965
Stddev	.083983	.001658	.000258	.032671	.003478	.0015251
%RSD	145.8620	188.6087	29.29334	38.25283	65.99852	30.52369

#1	.038240	-.000482	-.001086	-.056591	-.001663	.0067098
#2	-.118423	.000544	-.000591	-.120901	-.008603	.0037871
#3	-.092548	-.002699	-.000965	-.078730	-.005545	.0044926

Sample Name: ICB01 Acquired: 12/29/2023 10:29:12 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004879	.0030705	.0030473	.0023067	.0001100	-.002031
Stddev	.0007197	.0074846	.0002526	.0011065	.0002104	.000526
%RSD	147.5122	243.7607	8.288033	47.96987	191.2640	25.90431

#1	.0013161	-.004896	.0028993	.0035451	.0002880	-.002638
#2	.0001326	.009956	.0029036	.0019599	.0001642	-.001711
#3	.0000149	.004151	.0033389	.0014151	-.000122	-.001743

Elem	Sr4077
Units	ppm
Avg	-.000012
Stddev	.000025
%RSD	209.8887

#1	-.000032
#2	-.000020
#3	.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.2348	1059.819	42394.49	6538.540	1298.588
Stddev	3.5055	2.383	146.18	45.167	4.314
%RSD	.3821784	.2248387	.3448016	.6907803	.3322413

#1	914.2793	1057.072	42275.78	6497.580	1296.147
#2	916.3174	1061.339	42349.93	6531.060	1296.047
#3	921.1078	1061.045	42557.76	6586.980	1303.570

Sample Name: CRI01 Acquired: 12/29/2023 10:33:18 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153491	.0386996	.0134301	.0256156	.0508302	.1012890	.1046239
Stddev	.0151446	.0009213	.0014671	.0014682	.0026128	.0046111	.0009067
%RSD	98.66744	2.380694	10.92374	5.731581	5.140261	4.552445	.8665919

#1	.0303452	.0380089	.0117433	.0264767	.0535714	.1023008	.1047961
#2	.0000603	.0383443	.0144085	.0264497	.0505510	.0962560	.1054321
#3	.0156418	.0397457	.0141385	.0239203	.0483682	.1053103	.1036435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063743	.0060751	2.095585	.0094377	.0291979	.0234811	.0938884
Stddev	.0000525	.0000856	.006396	.0005127	.0003840	.0018523	.0035970
%RSD	.8229024	1.408282	.3052360	5.432474	1.315191	7.888299	3.831172

#1	.0064316	.0060871	2.100630	.0098264	.0295278	.0219160	.0933540
#2	.0063626	.0059842	2.088391	.0096300	.0287763	.0255261	.0977228
#3	.0063287	.0061540	2.097734	.0088566	.0292894	.0230013	.0905885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211581	2.202671	.0393049	.0107003	1.960231	.0401962	.0420501
Stddev	.0005575	.056926	.0003081	.0002220	.104370	.0012215	.0010036
%RSD	2.635107	2.584389	.7838040	2.074540	5.324388	3.038886	2.386547

#1	.0207647	2.143046	.0392043	.0109566	2.037252	.0407701	.0426918
#2	.0217962	2.256445	.0396507	.0105759	1.841446	.0387934	.0408936
#3	.0209135	2.208521	.0390596	.0105685	2.001995	.0410251	.0425648

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.974667	.0158807	.1081257	.2200899	.0225024	.3708031	.0384845
Stddev	.030473	.0030253	.0013116	.0003570	.0054426	.0038083	.0007494
%RSD	1.543198	19.05041	1.213061	.1622047	24.18658	1.027051	1.947384

#1	2.005896	.0173721	.1096144	.2204468	.0215434	.3727058	.0382226
#2	1.973095	.0123992	.1076226	.2200902	.0176031	.3732851	.0379012
#3	1.945010	.0178708	.1071401	.2197328	.0283608	.3664183	.0393298

Sample Name: CRI01 Acquired: 12/29/2023 10:33:18 Type: Unk
 Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0403664	.0194730	.0223944
Stddev	.0011165	.0008538	.0000634
%RSD	2.765843	4.384632	.2832974

#1	.0415522	.0198231	.0224416
#2	.0402116	.0200962	.0223223
#3	.0393354	.0184998	.0224193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.3189	1053.384	42148.04	6600.070	1290.334
Stddev	7.5458	2.561	148.20	42.675	2.790
%RSD	.8243875	.2431587	.3516288	.6465891	.2162300

#1	907.8658	1050.770	42131.44	6584.890	1289.052
#2	922.9541	1055.889	42303.84	6567.060	1293.534
#3	915.1367	1053.493	42008.83	6648.260	1288.415

Sample Name: ICSA01 Acquired: 12/29/2023 10:37:21 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014962	-.000804	.0051298	F -.023179	-.003175	265.0948
Stddev	.001348	.004639	.0009785	.009180	.002714	.6518
%RSD	9.010530	577.2421	19.07589	39.60364	85.46959	.2458838

#1	-.015409	.001327	.0055180	-.015283	-.005174	264.3665
#2	-.013447	.002387	.0040167	-.033251	-.004267	265.6236
#3	-.016030	-.006125	.0058547	-.021003	-.000086	265.2942

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058281	.0011943	-.000262	252.1795	.0459412	-.002050
Stddev	.0001611	.0000407	.000228	.8521	.0004715	.000193
%RSD	2.763775	3.406990	86.88577	.3378967	1.026394	9.426463

#1	.0060090	.0011481	-.000401	251.1964	.0463203	-.001944
#2	.0057005	.0012248	.000001	252.6352	.0454132	-.002273
#3	.0057747	.0012100	-.000386	252.7068	.0460902	-.001933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002444	99.95107	.0120100	268.7473	.0022302	-.004525
Stddev	.002071	.21115	.0001972	1.0126	.0003021	.000630
%RSD	84.72144	.2112564	1.642270	.3767669	13.54717	13.91790

#1	-.004620	99.70789	.0118969	267.5866	.0025724	-.004119
#2	-.002215	100.0574	.0118952	269.4494	.0020005	-.005250
#3	-.000498	100.0879	.0122377	269.2059	.0021176	-.004206

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1623982	.0015731	.0005661	-.207200	-.011780	.0991138
Stddev	.1353064	.0019673	.0002940	.041804	.011151	.0005571
%RSD	83.31762	125.0639	51.93539	20.17555	94.66144	.5620786

#1	.2386166	.0037443	.0007458	-.229066	-.023810	.0984982
#2	.0061752	.0010660	.0002268	-.158998	-.009742	.0995834
#3	.2424029	-.000091	.0007258	-.233536	-.001788	.0992597

Sample Name: ICSA01 Acquired: 12/29/2023 10:37:21 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002293	-.008661	-.003776	-.010258	-.001127	F -.020453
Stddev	.000611	.003841	.000146	.003253	.000450	.000829
%RSD	26.65726	44.34857	3.862232	31.71261	39.92226	4.051901

#1	-.002992	-.013096	-.003882	-.011997	-.001381	-.019516
#2	-.001856	-.006378	-.003610	-.012273	-.000608	-.020752
#3	-.002031	-.006510	-.003837	-.006505	-.001392	-.021091

Elem	Sr4077
Units	ppm
Avg	.0082362
Stddev	.0005037
%RSD	6.115119

#1	.0081292
#2	.0087848
#3	.0077947

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	827.5039	958.8066	38031.92	6312.961	1048.845
Stddev	1.7634	.3143	58.15	4.687	.922
%RSD	.2131002	.0327792	.1528929	.0742393	.0879185

#1	825.8368	958.4789	37988.89	6309.982	1049.187
#2	829.3500	958.8355	38008.80	6318.363	1047.800
#3	827.3250	959.1055	38098.07	6310.538	1049.547

Sample Name: ICSAB01 Acquired: 12/29/2023 10:41:22 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0938494	.1105108	.0562848	F .0190340	.6023492	263.0490
Stddev	.0141398	.0023652	.0048593	.0015006	.0029323	1.0259
%RSD	15.06649	2.140260	8.633347	7.883554	.4868102	.3900162

#1	.1043080	.1090691	.0612462	.0207643	.6039849	261.8792
#2	.0777620	.1092227	.0515345	.0182481	.6040988	263.7956
#3	.0994780	.1132404	.0560738	.0180896	.5989639	263.4723

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5324209	.5110569	1.022291	249.9135	.5288935	.4978254
Stddev	.0017144	.0023811	.002093	1.1787	.0030244	.0010227
%RSD	.3220052	.4659188	.2047109	.4716488	.5718325	.2054401

#1	.5305952	.5097173	1.019875	248.6222	.5294257	.4967021
#2	.5339966	.5138061	1.023465	250.9317	.5316165	.4987028
#3	.5326708	.5096474	1.023534	250.1865	.5256384	.4980713

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5016618	98.86493	.5194600	265.0668	.9889252	.2042866
Stddev	.0026410	.56270	.0044657	1.3727	.0012520	.0006549
%RSD	.5264444	.5691576	.8596734	.5178633	.1265984	.3205812

#1	.5018594	98.33409	.5160155	263.5293	.9876081	.2045692
#2	.5041985	99.45483	.5245055	266.1692	.9900998	.2047528
#3	.4989277	98.80588	.5178592	265.5018	.9890678	.2035378

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674552	.5040685	1.013842	-.195499	1.053969	1.083611
Stddev	.1909281	.0066899	.003405	.033061	.008080	.007557
%RSD	283.0443	1.327184	.3358269	16.91110	.7666194	.6973877

#1	-.021072	.4972531	1.010060	-.178833	1.045643	1.079760
#2	.286578	.5106255	1.014804	-.233577	1.054486	1.092318
#3	-.063141	.5043268	1.016663	-.174089	1.061778	1.078756

Sample Name: ICSAB01 Acquired: 12/29/2023 10:41:22 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9802826	1.053524	F .8413368	.9933473	1.004400	1.102615
Stddev	.0050405	.018182	.0022888	.0043996	.002379	.002843
%RSD	.5141929	1.725817	.2720495	.4429064	.2368870	.2578519

#1	.9788943	1.034893	.8401319	.9934210	1.001690	1.099937
#2	.9760817	1.071221	.8439764	.9889113	1.005363	1.105598
#3	.9858718	1.054458	.8399021	.9977095	1.006146	1.102311

Elem	Sr4077
Units	ppm
Avg	1.031551
Stddev	.001765
%RSD	.1711387

#1	1.029780
#2	1.033310
#3	1.031564

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	831.3020	955.0107	38160.20	6304.851	1046.161
Stddev	2.2693	3.3667	79.66	17.014	.243
%RSD	.2729845	.3525273	.2087489	.2698509	.0232284

#1	832.9008	953.0561	38091.79	6314.504	1045.881
#2	828.7046	958.8982	38141.15	6285.206	1046.307
#3	832.3006	953.0779	38247.65	6314.842	1046.296

Sample Name: ICSADLX20 Acquired: 12/29/2023 10:45:13 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001743	.0033402	.0011860	.0000481	-.002842	F 12.57812
Stddev	.003597	.0053875	.0008775	.0018996	.001853	.07070
%RSD	206.3605	161.2952	73.98704	3949.784	65.19651	.5621161

#1	-.003896	.0092418	.0015798	.0020394	-.002308	12.53967
#2	.002410	-.001315	.0017975	-.001744	-.004904	12.53497
#3	-.003744	.002093	.0001806	-.000151	-.001315	12.65971

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000327	.0001238	-.000028	F 12.45936	F .0017866	-.000885
Stddev	.000088	.0000289	.000086	.04069	.0000773	.000203
%RSD	26.78378	23.33183	306.5395	.3265669	4.327493	22.90713

#1	-.000264	.0001315	-.000117	12.42138	.0017096	-.000914
#2	-.000291	.0000918	-.000022	12.45439	.0018642	-.000670
#3	-.000428	.0001480	.000055	12.50230	.0017859	-.001072

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000728	F 5.163384	.0009500	F 12.72579	.0003344	-.000287
Stddev	.002549	.031763	.0004710	.04263	.0006117	.000539
%RSD	350.3366	.6151559	49.57676	.3349790	182.9442	188.0516

#1	-.002438	5.134866	.0006887	12.69887	.0010380	.000065
#2	-.001948	5.157670	.0006676	12.70356	.0000368	-.000907
#3	.002202	5.197616	.0014937	12.77494	-.000072	-.000018

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.127591	-.000017	.0002853	-.133584	-.002277	.0058340
Stddev	.038144	.002240	.0006806	.032460	.004685	.0006054
%RSD	29.89597	13573.63	238.5528	24.29925	205.7480	10.37789

#1	-.140359	.002569	.0009027	-.096958	-.001150	.0054504
#2	-.157713	-.001259	.0003977	-.145002	-.007422	.0065319
#3	-.084700	-.001360	-.000444	-.158791	.001742	.0055196

Sample Name: ICSADLX20 Acquired: 12/29/2023 10:45:13 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000904	-.013278	.0010540	.0001003	.0005245	-.003177
Stddev	.0005802	.004801	.0015345	.0007640	.0004928	.000513
%RSD	641.8554	36.15958	145.5952	761.7591	93.96885	16.14114

#1	.0007601	-.008063	.0017324	.0009003	.0003585	-.003055
#2	-.000263	-.017514	.0021323	-.000622	.0010788	-.002737
#3	-.000226	-.014257	-.000703	.000023	.0001361	-.003740

Elem	Sr4077
Units	ppm
Avg	.0001811
Stddev	.0000286
%RSD	15.76864

#1	.0001563
#2	.0002123
#3	.0001748

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.8449	1047.513	41957.07	6571.790	1257.132
Stddev	4.1798	3.745	69.04	36.249	2.878
%RSD	.4583851	.3575481	.1645598	.5515885	.2289329

#1	913.5286	1043.284	41969.22	6530.440	1257.386
#2	914.9202	1048.840	42019.24	6586.840	1254.136
#3	907.0858	1050.413	41882.76	6598.090	1259.875

Sample Name: ICSABDLX20 Acquired: 12/29/2023 10:49:17 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0024888	F .0086067	F .0018464	F .0015032	F .0277300	F 12.58491
Stddev	.0034437	.0000503	.0015301	.0038116	.0015727	.03827
%RSD	138.3701	.5838503	82.86873	253.5678	5.671371	.3041251

#1	-.001268	.0086401	.0025808	.0059040	.0266955	12.62911
#2	.005496	.0086312	.0028709	-.000753	.0269548	12.56270
#3	.003239	.0085489	.0000876	-.000642	.0295398	12.56294

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0257866	F .0259284	F .0493475	F 12.44248	F .0264133	F .0231009
Stddev	.0003349	.0003104	.0000664	.05036	.0007801	.0004698
%RSD	1.298856	1.197199	.1345420	.4047824	2.953648	2.033737

#1	.0258491	.0261492	.0494199	12.49023	.0273006	.0227269
#2	.0260858	.0260626	.0493329	12.38986	.0258351	.0236283
#3	.0254247	.0255735	.0492896	12.44735	.0261041	.0229477

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0275295	F 5.129427	F .0263494	F 12.75207	F .0486499	F .0097701
Stddev	.0004590	.020054	.0006071	.05549	.0002467	.0004811
%RSD	1.667332	.3909519	2.303883	.4351068	.5071794	4.923654

#1	.0280514	5.150536	.0266853	12.75245	.0483666	.0100898
#2	.0273484	5.110628	.0256486	12.80736	.0488181	.0100037
#3	.0271887	5.127116	.0267142	12.69639	.0487649	.0092169

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.097708	F .0232851	F .0499525	-.145172	F .0461011	F .0553555
Stddev	.010304	.0013862	.0007401	.043071	.0021026	.0010047
%RSD	10.54574	5.953382	1.481622	29.66906	4.560865	1.814979

#1	-.101979	.0230129	.0496032	-.190075	.0479136	.0563117
#2	-.105190	.0247872	.0494518	-.141237	.0465938	.0554463
#3	-.085955	.0220551	.0508026	-.104203	.0437959	.0543085

Sample Name: ICSABDLX20 Acquired: 12/29/2023 10:49:17 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0504063	F .0456996	F .0440071	F .0475065	F .0512961	F .0497759
Stddev	.0009739	.0100537	.0022702	.0037995	.0011259	.0007994
%RSD	1.932029	21.99960	5.158687	7.997818	2.194809	1.605938

#1	.0511482	.0516418	.0446759	.0449582	.0523560	.0497799
#2	.0493035	.0513654	.0458677	.0456877	.0514181	.0505733
#3	.0507672	.0340916	.0414776	.0518735	.0501142	.0489746

Elem	Sr4077
Units	ppm
Avg	F .0515470
Stddev	.0002311
%RSD	.4483275

#1	.0517848
#2	.0513232
#3	.0515330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	913.0762	1042.563	41920.86	6560.340	1249.912
Stddev	2.2771	4.648	93.86	40.535	1.156
%RSD	.2493836	.4458331	.2238897	.6178807	.0924765

#1	910.4612	1038.998	41834.52	6519.760	1249.333
#2	914.1467	1040.871	42020.76	6560.430	1249.160
#3	914.6208	1047.820	41907.28	6600.830	1251.243

Sample Name: CCV01 Acquired: 12/29/2023 10:53:21 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976009	5.095105	4.950663	5.026785	5.071858	10.13947
Stddev	.018419	.013007	.022192	.018104	.009176	.07082
%RSD	.3701595	.2552859	.4482722	.3601535	.1809115	.6984878

#1	4.954799	5.080489	4.935427	5.026335	5.064628	10.05771
#2	4.985252	5.105409	4.940437	5.008910	5.082180	10.17861
#3	4.987976	5.099415	4.976125	5.045110	5.068765	10.18208

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.58938	.2533079	2.467618	25.65793	.9790747	2.485858
Stddev	.07376	.0015407	.009917	.22113	.0025811	.009817
%RSD	.6965546	.6082119	.4018722	.8618338	.2636216	.3949086

#1	10.51151	.2515577	2.464154	25.41379	.9820547	2.481428
#2	10.59845	.2539073	2.459897	25.71524	.9775460	2.479036
#3	10.65819	.2544588	2.478801	25.84476	.9776234	2.497109

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.271027	5.045885	2.586010	25.32223	2.479626	1.279998
Stddev	.006514	.027428	.018115	.21750	.007663	.000894
%RSD	.5125120	.5435742	.7005163	.8589435	.3090425	.0698645

#1	1.264245	5.019839	2.565299	25.09249	2.475819	1.280755
#2	1.271602	5.074513	2.593824	25.34923	2.474612	1.279011
#3	1.277235	5.043303	2.598907	25.52498	2.488447	1.280227

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.50970	2.553116	2.515182	25.30207	5.007432	5.102545
Stddev	.49259	.015743	.010198	.07808	.018928	.028179
%RSD	1.930975	.6166333	.4054757	.3086103	.3780054	.5522541

#1	25.24893	2.536921	2.526885	25.24018	4.985955	5.070415
#2	25.20231	2.554062	2.508190	25.38980	5.014655	5.114157
#3	26.07785	2.568365	2.510472	25.27622	5.021685	5.123063

Sample Name: CCV01 Acquired: 12/29/2023 10:53:21 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.018785	4.858662	4.885931	4.910054	5.076056	5.230898
Stddev	.002408	.033122	.042515	.017430	.027514	.036287
%RSD	.0479810	.6817016	.8701564	.3549923	.5420346	.6937092

#1	5.016629	4.853131	4.845220	4.895172	5.046575	5.193295
#2	5.021384	4.828655	4.882526	4.905759	5.080541	5.233692
#3	5.018343	4.894202	4.930046	4.929230	5.101051	5.265708

Elem	Sr4077
Units	ppm
Avg	5.027390
Stddev	.086325
%RSD	1.717092

#1	4.932334
#2	5.048930
#3	5.100904

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	881.8907	1014.396	40608.60	6450.230	1172.507
Stddev	4.1781	.848	133.22	26.868	3.576
%RSD	.4737690	.0836427	.3280591	.4165360	.3049666

#1	877.0667	1013.416	40456.75	6479.599	1172.062
#2	884.2436	1014.903	40663.24	6444.201	1176.285
#3	884.3619	1014.868	40705.81	6426.889	1169.175

Sample Name: CCB01 Acquired: 12/29/2023 11:05:30 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.009109	-.000415	.0002745	-.003959	-.000196	-.000041
Stddev	.006859	.003677	.0007848	.005377	.001243	.010782
%RSD	75.30240	886.4973	285.9342	135.8120	634.0955	26347.18

#1	-.017027	-.000135	-.000542	-.008691	-.001432	-.008322
#2	-.004997	.003114	.000342	.001888	-.000211	-.003950
#3	-.005302	-.004223	.001024	-.005074	.001055	.012150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000692	.0000778	-.000002	-.010081	-.000090	.0003076
Stddev	.000320	.0000493	.000069	.007524	.000118	.0002813
%RSD	46.25206	63.46652	2859.531	74.64135	130.7714	91.44528

#1	-.000726	.0000648	.000034	-.005907	-.000226	-.000017
#2	-.000993	.0000362	-.000082	-.018767	-.000017	.000470
#3	-.000356	.0001323	.000041	-.005568	-.000028	.000470

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005349	-.003872	-.000263	.0100181	.0000439	-.000063
Stddev	.0008997	.005978	.000170	.0335914	.0004404	.000290
%RSD	168.1956	154.3838	64.39478	335.3088	1003.719	463.8472

#1	.0013532	-.001321	-.000437	.0488060	-.000366	.000271
#2	-.000429	.000407	-.000099	-.009301	.000510	-.000260
#3	.000680	-.010703	-.000254	-.009451	-.000013	-.000198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.158064	-.003511	-.000575	-.124579	-.003741	.0026019
Stddev	.315677	.001405	.000529	.014562	.006218	.0006642
%RSD	199.7153	40.01281	92.08253	11.68909	166.2297	25.52887

#1	-.223175	-.003508	-.001072	-.113195	.000496	.0018359
#2	-.436108	-.004917	-.000633	-.140988	-.000839	.0030191
#3	.185092	-.002108	-.000018	-.119555	-.010880	.0029506

Sample Name: CCB01 Acquired: 12/29/2023 11:05:30 Type: Unk
Method: NON EPA-6010-200.7(v183) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004021	-.003447	.0024415	-.000533	.0003619	-.002115
Stddev	.0003713	.005532	.0009152	.001131	.0009340	.000748
%RSD	92.33980	160.4947	37.48333	211.9990	258.0826	35.38162

#1	.0008243	.002022	.0026288	.000351	.0012734	-.002596
#2	.0002548	-.009039	.0032486	-.000144	-.000593	-.002496
#3	.0001270	-.003322	.0014472	-.001808	.000405	-.001253

Elem	Sr4077
Units	ppm
Avg	.0000428
Stddev	.0000316
%RSD	73.87144

#1	.0000066
#2	.0000564
#3	.0000652

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	897.0165	1036.313	41650.32	6429.337	1277.754
Stddev	4.5881	2.567	62.85	34.902	3.549
%RSD	.5114837	.2477089	.1509017	.5428604	.2777697

#1	895.7127	1033.379	41636.53	6407.890	1274.517
#2	902.1154	1037.415	41718.92	6469.610	1281.549
#3	893.2214	1038.145	41595.51	6410.510	1277.196

Sample Name: PB156494BL Acquired: 12/29/2023 11:14:51 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009648	.0018854	-.001454	-.005238	.0005322	-.002187	-.001228
Stddev	.011062	.0021434	.002269	.006369	.0021722	.005250	.000479
%RSD	114.6494	113.6882	156.0450	121.5931	408.1166	240.0215	38.97371

#1	-.006959	.0001946	-.002114	-.007004	.0020136	-.005764	-.000783
#2	-.000180	.0042961	-.003319	.001828	.0015444	-.004638	-.001166
#3	-.021807	.0011654	.001072	-.010539	-.001961	.003840	-.001734

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000494	-.000030	-.004081	-.000091	.0001539	.0040325	-.003031
Stddev	.0000399	.000103	.010065	.000450	.0001157	.0018010	.001704
%RSD	80.62876	340.4211	246.6347	492.4909	75.15608	44.66164	56.21482

#1	.0000072	-.000018	.004449	-.000229	.0000301	.0055482	-.004124
#2	.0000864	.000066	-.015181	-.000456	.0002592	.0020416	-.001068
#3	.0000546	-.000138	-.001510	.000411	.0001725	.0045078	-.003902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000795	.0195683	.0003110	-.000306	-.128777	-.003631	-.000406
Stddev	.0006206	.0143947	.0011435	.000270	.022957	.001886	.000533
%RSD	780.3860	73.56149	367.6887	88.18264	17.82694	51.94281	131.3905

#1	-.000545	.0242607	.0015818	-.000447	-.102362	-.004477	-.000530
#2	.000087	.0310313	-.000014	.000005	-.143906	-.004946	.000179
#3	.000696	.0034129	-.000635	-.000476	-.140064	-.001470	-.000865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.141526	-.004818	-.001345	.0001379	-.001825	-.000658	-.000102
Stddev	.035079	.003835	.001190	.0004647	.007693	.000557	.000880
%RSD	24.78609	79.59433	88.46951	336.9026	421.6376	84.77617	864.2407

#1	-.112277	-.002930	-.002550	.0002853	.004070	-.000750	.000912
#2	-.131883	-.009232	-.001317	-.000383	.000984	-.001163	-.000544
#3	-.180417	-.002293	-.000170	.000511	-.010528	-.000060	-.000673

Sample Name: PB156494BL Acquired: 12/29/2023 11:14:51 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000354	-.002938	-.000055
Stddev	.000621	.000356	.000064
%RSD	175.0993	12.10791	117.4982

#1	-.000175	-.003049	-.000116
#2	-.001045	-.003226	.000012
#3	.000157	-.002541	-.000060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	905.4761	1045.097	41975.59	6516.167	1287.245
Stddev	3.0449	.719	117.72	20.301	3.150
%RSD	.3362795	.0688271	.2804510	.3115540	.2447307

#1	907.4019	1044.487	41873.93	6502.310	1284.379
#2	901.9657	1044.914	41948.26	6506.720	1290.618
#3	907.0609	1045.891	42104.57	6539.470	1286.738

Sample Name: PB156494BS Acquired: 12/29/2023 11:18:56 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8123211	2.026743	.9844069	2.018463	.7845935	2.034782	.2089628
Stddev	.0203133	.011282	.0056000	.001029	.0005719	.009640	.0004293
%RSD	2.500653	.5566381	.5688742	.0509727	.0728885	.4737367	.2054406

#1	.8322359	2.034325	.9782250	2.017647	.7851909	2.045910	.2091810
#2	.7916315	2.032127	.9858550	2.018124	.7845385	2.029015	.2084682
#3	.8130958	2.013778	.9891406	2.019619	.7840511	2.029421	.2092392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2030284	.1948825	1.037324	.3898026	.1917805	.3109168	3.138639
Stddev	.0003218	.0003399	.012067	.0009058	.0006160	.0044395	.012895
%RSD	.1584917	.1744119	1.163258	.2323689	.3212168	1.427872	.4108412

#1	.2033142	.1950263	1.043694	.3888209	.1912310	.3156779	3.123831
#2	.2026798	.1944944	1.023407	.3906059	.1924464	.3068906	3.147388
#3	.2030912	.1951269	1.044871	.3899809	.1916640	.3101820	3.144699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2113928	2.011025	.4687429	.0773488	2.973377	.3067064	.2082589
Stddev	.0021153	.058695	.0017869	.0005312	.204263	.0013775	.0010888
%RSD	1.000643	2.918653	.3812083	.6868155	6.869748	.4491151	.5228326

#1	.2092712	1.990662	.4677865	.0779274	2.817678	.3082969	.2086727
#2	.2114055	2.077189	.4708044	.0772359	2.897792	.3058980	.2070239
#3	.2135018	1.965223	.4676378	.0768831	3.204660	.3059243	.2090802

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00651	5.772068	.3121108	.4027802	9.438578	.8434599	.6706244
Stddev	.06054	.016294	.0022398	.0008758	.020992	.0021170	.0019052
%RSD	.6050363	.2822938	.7176272	.2174487	.2224052	.2509870	.2840898

#1	9.99133	5.765723	.3146600	.4023210	9.450569	.8449511	.6718392
#2	10.07319	5.790580	.3112143	.4022294	9.450825	.8443919	.6684287
#3	9.95499	5.759900	.3104581	.4037901	9.414339	.8410369	.6716054

Sample Name: PB156494BS Acquired: 12/29/2023 11:18:56 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2087488	.2211283	.2163109
Stddev	.0002766	.0013603	.0005832
%RSD	.1325000	.6151635	.2696321

#1	.2084447	.2206749	.2167211
#2	.2089854	.2226574	.2156433
#3	.2088164	.2200527	.2165684

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	895.4155	1030.600	41411.06	6459.451	1255.332
Stddev	7.1171	3.620	176.56	21.019	.545
%RSD	.7948341	.3512492	.4263508	.3254067	.0434302

#1	888.7143	1028.743	41323.36	6435.425	1254.826
#2	902.8860	1034.772	41614.29	6468.480	1255.909
#3	894.6461	1028.286	41295.52	6474.447	1255.259

Sample Name: PB156495BL Acquired: 12/29/2023 11:22:54 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006158	.0025804	-.000779	.0034186	.0000102	-.009372	-.000709
Stddev	.008701	.0037400	.000523	.0042177	.0006936	.004429	.000349
%RSD	141.3094	144.9390	67.06675	123.3732	6775.720	47.25719	49.25694

#1	.003621	.0055092	-.000419	.0027532	.0001115	-.014109	-.000362
#2	-.009047	.0038645	-.001379	.0079295	-.000728	-.008672	-.000705
#3	-.013047	-.001632	-.000541	-.000427	.000648	-.005334	-.001060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000727	-.000032	-.008007	-.000311	.0001968	.0025779	.0016835
Stddev	.0000655	.000069	.006370	.000246	.0002788	.0014625	.0015664
%RSD	90.13363	217.8768	79.55617	79.10946	141.6390	56.73092	93.04697

#1	.0000931	-.000057	-.001192	-.000480	.0001998	.0042614	.0028499
#2	-.000001	-.000084	-.013811	-.000423	-.000083	.0016211	-.000097
#3	.000126	.000046	-.009020	-.000029	.000474	.0018513	.002298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005619	-.000623	.0007732	-.000019	.0328016	-.003839	-.000605
Stddev	.0005712	.014665	.0002427	.000207	.0618568	.003204	.000439
%RSD	101.6602	2354.961	31.39166	1108.356	188.5789	83.45000	72.57770

#1	.0004530	-.013001	.0008912	-.000188	.0855643	-.000797	-.000594
#2	.0011798	-.004440	.0009344	-.000080	.0481135	-.007183	-.000171
#3	.0000530	.015573	.0004941	.000212	-.035273	-.003537	-.001050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.135904	.0028298	-.002346	.0004791	-.006354	.0003978	.0008764
Stddev	.062464	.0029867	.001788	.0001822	.006509	.0014044	.0005682
%RSD	45.96170	105.5437	76.19709	38.03396	102.4353	353.0779	64.83905

#1	-.161621	-.000258	-.003682	.0002764	-.001082	-.000743	.0002479
#2	-.181405	.005704	-.003040	.0006294	-.013629	.001966	.0013539
#3	-.064687	.003042	-.000315	.0005315	-.004352	-.000030	.0010273

Sample Name: PB156495BL Acquired: 12/29/2023 11:22:54 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000007	-.002765	-.000043
Stddev	.000964	.000784	.000047
%RSD	14472.49	28.34182	109.9899

#1	-.000950	-.001921	.000012
#2	-.000046	-.003470	-.000070
#3	.000977	-.002905	-.000069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	899.9830	1036.615	41809.37	6487.337	1283.238
Stddev	4.0595	2.985	91.73	27.209	2.480
%RSD	.4510590	.2879641	.2193914	.4194105	.1932522

#1	904.4969	1033.192	41902.08	6474.490	1280.739
#2	898.8202	1037.975	41718.66	6468.930	1283.276
#3	896.6317	1038.678	41807.39	6518.590	1285.699

Sample Name: PB156495BS Acquired: 12/29/2023 11:26:58 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7981924	1.981173	.9644530	1.977280	.7725313	2.006668	.2065332
Stddev	.0033311	.010073	.0031155	.011648	.0016044	.015403	.0014328
%RSD	.4173302	.5084251	.3230299	.5890861	.2076842	.7676052	.6937574

#1	.7951680	1.985074	.9654797	1.964236	.7710471	1.997692	.2066851
#2	.8017627	1.988712	.9669256	1.986639	.7723130	1.997859	.2050304
#3	.7976463	1.969733	.9609538	1.980966	.7742337	2.024454	.2078840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2021056	.1907597	1.025753	.4021329	.1880659	.3104824	3.103601
Stddev	.0015296	.0003262	.005837	.0330096	.0004023	.0020967	.045753
%RSD	.7568308	.1710035	.5690578	8.208638	.2139015	.6753128	1.474206

#1	.2038304	.1909723	1.028008	.4402486	.1883467	.3086829	3.066796
#2	.2015724	.1909226	1.019125	.3829027	.1876050	.3099795	3.089180
#3	.2009139	.1903841	1.030126	.3832475	.1882459	.3127849	3.154828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2092769	2.008537	.4603995	.0796376	2.949916	.3073075	.2163468
Stddev	.0016584	.014341	.0015979	.0057558	.094389	.0012083	.0156582
%RSD	.7924532	.7140036	.3470746	7.227531	3.199725	.3931923	7.237555

#1	.2081868	1.999304	.4602626	.0862728	3.026483	.3070417	.2344114
#2	.2084583	2.025059	.4588745	.0766532	2.844458	.3086266	.2079725
#3	.2111854	2.001248	.4620616	.0759869	2.978807	.3062543	.2066565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.884526	5.649473	.3115596	.3973072	9.300743	.8433403	.6574841
Stddev	.061521	.004867	.0030270	.0017284	.042730	.0067066	.0043429
%RSD	.6223961	.0861475	.9715627	.4350348	.4594205	.7952387	.6605308

#1	9.834877	5.653859	.3140097	.3963936	9.313177	.8503783	.6597816
#2	9.953351	5.650322	.3124934	.3962274	9.335876	.8426193	.6524751
#3	9.865350	5.644237	.3081758	.3993007	9.253175	.8370234	.6601957

Sample Name: PB156495BS Acquired: 12/29/2023 11:26:58 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2087466	.2181984	.2141985
Stddev	.0020262	.0022268	.0001217
%RSD	.9706377	1.020520	.0568104

#1	.2084321	.2166455	.2140892
#2	.2068960	.2172000	.2141768
#3	.2109116	.2207496	.2143296

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	869.0731	1041.212	40332.93	6469.253	1274.520
Stddev	55.9665	.112	2616.35	9.774	.722
%RSD	6.439786	.0107951	6.486892	.1510867	.0566445

#1	804.4597	1041.161	37313.05	6479.966	1273.690
#2	900.3449	1041.341	41768.27	6460.821	1275.003
#3	902.4147	1041.134	41917.46	6466.972	1274.867

Sample Name: O4699-01 Acquired: 12/29/2023 11:30:57 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0079250	.0316379	F .0083571	.0213438	.0402122	.0715782
Stddev	.0070882	.0022459	.0005447	.0132514	.0017670	.0018070
%RSD	89.44176	7.098692	6.517450	62.08544	4.394293	2.524559

#1	.0151532	.0303848	.0085551	.0329780	.0400540	.0699489
#2	.0009856	.0342307	.0087750	.0241337	.0420531	.0735217
#3	.0076361	.0302981	.0077411	.0069196	.0385296	.0712639

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780549	.0047112	.0044731	1.581744	.0072278	.0218969
Stddev	.0000629	.0000648	.0000158	.014433	.0004589	.0002508
%RSD	.0805991	1.374723	.3522799	.9124515	6.348988	1.145165

#1	.0780487	.0047430	.0044861	1.567162	.0077191	.0217005
#2	.0781206	.0046367	.0044776	1.582047	.0071539	.0221794
#3	.0779953	.0047539	.0044556	1.596023	.0068103	.0218109

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198304	.0729159	.0162185	1.630939	.0284850	.0080451
Stddev	.0029605	.0043624	.0010018	.002522	.0008100	.0002363
%RSD	14.92905	5.982825	6.176715	.1546534	2.843500	2.937039

#1	.0170287	.0778059	.0173602	1.633329	.0292524	.0079833
#2	.0195349	.0694237	.0154864	1.631186	.0276383	.0083062
#3	.0229275	.0715181	.0158090	1.628303	.0285643	.0078459

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.459069	F .0279651	.0314055	1.413502	F .0086251	.0755385
Stddev	.062707	.0018890	.0007349	.032448	.0025124	.0011535
%RSD	4.297761	6.754903	2.339977	2.295594	29.12929	1.527087

#1	1.463504	.0289599	.0322540	1.445137	.0087019	.0768669
#2	1.519441	.0257866	.0309848	1.380297	.0060751	.0749598
#3	1.394262	.0291489	.0309776	1.415071	.0110982	.0747890

Sample Name: O4699-01 Acquired: 12/29/2023 11:30:57 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1633436	F .0112195	F .2751405	F .0252622	.0293084	.0151214
Stddev	.0014634	.0093790	.0013401	.0015839	.0002411	.0013497
%RSD	.8958948	83.59605	.4870684	6.269872	.8226048	8.925520

#1	.1632337	.0078802	.2765727	.0234675	.0292746	.0166623
#2	.1648589	.0039671	.2749320	.0258547	.0290861	.0141488
#3	.1619383	.0218112	.2739169	.0264645	.0295647	.0145530

Elem	Sr4077
Units	ppm
Avg	.0164238
Stddev	.0000169
%RSD	.1025653

#1	.0164273
#2	.0164054
#3	.0164385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.9359	1026.592	41495.29	6461.550	1264.357
Stddev	9.5796	8.377	231.08	53.072	7.890
%RSD	1.074023	.8160402	.5568727	.8213506	.6240436

#1	883.6920	1030.273	41335.40	6406.280	1268.431
#2	902.4451	1017.004	41760.23	6512.110	1255.263
#3	889.6707	1032.499	41390.24	6466.260	1269.377

Sample Name: O4699-07 Acquired: 12/29/2023 11:39:02 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071102	.0358107	.0086953	.0206891	.0399045	.0841541	.0797860
Stddev	.0067693	.0014588	.0016620	.0011753	.0028916	.0047034	.0004297
%RSD	95.20562	4.073617	19.11353	5.680736	7.246353	5.589005	.5385114

#1	.0046737	.0343670	.0068073	.0195753	.0432087	.0822718	.0794295
#2	.0018964	.0357809	.0099374	.0205746	.0378367	.0806834	.0796653
#3	.0147605	.0372841	.0093411	.0219175	.0386680	.0895071	.0802630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048372	.0046961	1.617346	.0073156	.0218232	.0201752	.0703862
Stddev	.0001060	.0002447	.014030	.0006291	.0004170	.0026553	.0037896
%RSD	2.192010	5.211428	.8674738	8.599640	1.910956	13.16116	5.383981

#1	.0047617	.0044244	1.602430	.0079258	.0215538	.0219090	.0660931
#2	.0047914	.0048994	1.630279	.0066692	.0216123	.0214983	.0732660
#3	.0049584	.0047644	1.619329	.0073517	.0223036	.0171183	.0717997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161943	1.653426	.0289750	.0084802	1.518388	.0297318	.0314811
Stddev	.0001840	.020945	.0010956	.0001145	.044266	.0029851	.0004166
%RSD	1.136059	1.266769	3.781129	1.350449	2.915345	10.04012	1.323241

#1	.0161757	1.642361	.0286754	.0085298	1.499754	.0265926	.0315448
#2	.0160204	1.677583	.0280604	.0085614	1.568926	.0325343	.0310363
#3	.0163869	1.640333	.0301893	.0083492	1.486486	.0300684	.0318621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.461451	.0121926	.0787671	.1662425	.0116486	.2793946	.0248079
Stddev	.077061	.0016598	.0016288	.0014034	.0060337	.0011369	.0020366
%RSD	5.272913	13.61273	2.067855	.8441954	51.79739	.4069302	8.209488

#1	1.401480	.0105558	.0782441	.1660568	.0150771	.2795344	.0270739
#2	1.548366	.0121476	.0805932	.1649412	.0151870	.2781942	.0242195
#3	1.434506	.0138744	.0774641	.1677295	.0046818	.2804551	.0231303

Sample Name: O4699-07 Acquired: 12/29/2023 11:39:02 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0305152	.0140484	.0168754
Stddev	.0004053	.0007635	.0001198
%RSD	1.328096	5.434648	.7099956

#1	.0309437	.0149018	.0167526
#2	.0301380	.0134301	.0168817
#3	.0304640	.0138135	.0169920

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.7576	1035.203	41517.60	6484.450	1274.218
Stddev	9.1448	2.998	30.11	9.717	4.742
%RSD	1.022045	.2896258	.0725138	.1498481	.3721862

#1	884.7574	1031.742	41501.77	6488.520	1269.544
#2	902.6946	1037.018	41498.70	6473.360	1274.084
#3	896.8206	1036.848	41552.32	6491.470	1279.026

Sample Name: O4699-09 Acquired: 12/29/2023 11:43:05 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048585	.0098539	.0024597	.0075297	.0110925	.0313637	.0252636
Stddev	.0031990	.0025170	.0023962	.0041510	.0018252	.0061241	.0004643
%RSD	65.84239	25.54370	97.41675	55.12829	16.45409	19.52605	1.837932

#1	.0082145	.0076914	.0013383	.0103043	.0111609	.0342764	.0248488
#2	.0045171	.0126169	.0052109	.0027576	.0128825	.0354878	.0257652
#3	.0018440	.0092534	.0008299	.0095272	.0092341	.0243269	.0251767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016762	.0015236	.5535378	.0021856	.0074767	.0094220	.0246929
Stddev	.0000530	.0001058	.0019388	.0000913	.0003133	.0002891	.0036334
%RSD	3.158896	6.943447	.3502573	4.178977	4.190390	3.068218	14.71417

#1	.0016152	.0016187	.5532673	.0021685	.0074558	.0091232	.0240636
#2	.0017031	.0015425	.5555977	.0022843	.0071745	.0097003	.0214153
#3	.0017102	.0014096	.5517485	.0021040	.0078000	.0094423	.0285998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051152	.5535746	.0113439	.0025707	.3797438	.0091847	.0110540
Stddev	.0001942	.0004850	.0006417	.0002161	.1437086	.0016239	.0004691
%RSD	3.796592	.0876044	5.656731	8.405741	37.84358	17.67986	4.243546

#1	.0050470	.5531661	.0111595	.0024423	.3874951	.0109324	.0108741
#2	.0049643	.5541106	.0120576	.0028202	.2323164	.0088992	.0115865
#3	.0053343	.5534472	.0108145	.0024497	.5194199	.0077225	.0107016

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4084256	-.002453	.0241945	.0560094	-.003111	.0928474	.0047852
Stddev	.0298414	.003827	.0018910	.0004691	.006643	.0006453	.0014280
%RSD	7.306453	155.9660	7.815910	.8376110	213.5348	.6950338	29.84243

#1	.3970499	-.000741	.0229452	.0565256	.002611	.0921123	.0039864
#2	.3859451	.000218	.0232683	.0556089	-.001548	.0931092	.0064339
#3	.4422818	-.006837	.0263701	.0558939	-.010396	.0933207	.0039353

Sample Name: O4699-09 Acquired: 12/29/2023 11:43:05 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0101932	.0042275	.0056279
Stddev	.0004348	.0006582	.0000618
%RSD	4.265370	15.56999	1.098434

#1	.0099367	.0047644	.0055914
#2	.0099478	.0034932	.0055930
#3	.0106953	.0044249	.0056993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	910.8916	1048.286	42028.95	6506.073	1292.645
Stddev	5.0181	2.871	38.61	10.016	1.940
%RSD	.5509003	.2738969	.0918695	.1539422	.1500856

#1	906.0570	1045.261	41989.24	6508.460	1290.861
#2	910.5429	1048.623	42066.36	6514.680	1292.364
#3	916.0750	1050.973	42031.25	6495.080	1294.711

Sample Name: O4699-03 Acquired: 12/29/2023 11:55:44 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071683	.0123496	.0042859	.0041676	.0114322	.0214372	.0263479
Stddev	.0158325	.0047991	.0017458	.0045097	.0007003	.0051175	.0001232
%RSD	220.8669	38.86051	40.73419	108.2083	6.126108	23.87200	.4676714

#1	.0040726	.0103834	.0022809	.0000330	.0108521	.0273240	.0264709
#2	-.006888	.0178195	.0054701	.0089765	.0122102	.0189386	.0263484
#3	.024320	.0088457	.0051066	.0034933	.0112343	.0180490	.0262244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016642	.0014772	.5471241	.0023781	.0069861	.0082267	.0205014
Stddev	.0001079	.0000633	.0027575	.0001352	.0004283	.0009289	.0045571
%RSD	6.480507	4.287820	.5039932	5.685486	6.131237	11.29076	22.22840

#1	.0017691	.0015397	.5473182	.0023843	.0064959	.0071907	.0152577
#2	.0016699	.0014789	.5442747	.0025102	.0071742	.0089852	.0227418
#3	.0015536	.0014130	.5497793	.0022400	.0072883	.0085043	.0235046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055985	.5638611	.0097470	.0024181	.5703594	.0090576	.0096591
Stddev	.0004329	.0156543	.0008248	.0005884	.1449889	.0009511	.0002435
%RSD	7.732617	2.776264	8.462252	24.33423	25.42062	10.50086	2.520746

#1	.0053817	.5801750	.0091084	.0019531	.4584215	.0088444	.0095053
#2	.0053168	.5489626	.0094544	.0022216	.5185126	.0082313	.0099399
#3	.0060970	.5624457	.0106782	.0030796	.7341439	.0100973	.0095323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3920326	.0034117	.0235988	.0556847	.0071280	.0969495	.0044974
Stddev	.0618972	.0026064	.0010462	.0010454	.0037101	.0021203	.0008335
%RSD	15.78878	76.39680	4.433200	1.877359	52.04930	2.187037	18.53196

#1	.3225560	.0034737	.0236904	.0568057	.0028913	.0980201	.0054519
#2	.4122449	.0059865	.0225099	.0555120	.0086967	.0983211	.0041269
#3	.4412970	.0007748	.0245962	.0547364	.0097962	.0945074	.0039134

Sample Name: O4699-03 Acquired: 12/29/2023 11:55:44 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0104373	.0033267	.0057908
Stddev	.0010597	.0018028	.0000432
%RSD	10.15305	54.19237	.7460687

#1	.0094492	.0052394	.0057504
#2	.0103064	.0016587	.0057857
#3	.0115564	.0030822	.0058363

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	896.2130	1032.809	41405.98	6403.070	1275.908
Stddev	3.5034	4.714	104.71	14.075	1.852
%RSD	.3909100	.4564130	.2528942	.2198192	.1451461

#1	892.3438	1027.403	41302.38	6416.690	1274.433
#2	897.1250	1036.062	41403.78	6388.580	1275.303
#3	899.1702	1034.962	41511.77	6403.940	1277.986

Sample Name: CCV02 Acquired: 12/29/2023 11:59:48 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.014851	5.067926	4.953415	5.045686	5.134849	10.29974	10.67777
Stddev	.022866	.023858	.015346	.026440	.003404	.02787	.00582
%RSD	.4559755	.4707685	.3098133	.5240094	.0662837	.2705646	.0545288

#1	5.015512	5.043500	4.948065	5.067021	5.138632	10.27178	10.67701
#2	5.037380	5.069107	4.941459	5.053930	5.133879	10.32751	10.67237
#3	4.991661	5.091172	4.970720	5.016106	5.132036	10.29994	10.68394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2539924	2.465032	25.92577	.9800456	2.495504	1.276412	5.120354
Stddev	.0014443	.005277	.07357	.0024179	.006368	.003805	.025291
%RSD	.5686408	.2140596	.2837839	.2467093	.2551607	.2981240	.4939258

#1	.2539881	2.462017	25.84665	.9814814	2.490383	1.272415	5.091537
#2	.2525502	2.461954	25.93853	.9772541	2.493495	1.276831	5.130661
#3	.2554388	2.471124	25.99213	.9814013	2.502633	1.279991	5.138863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.610658	25.51014	2.404467	1.296697	25.93326	2.573669	2.536483
Stddev	.004585	.10044	.005507	.004626	.08031	.004072	.016250
%RSD	.1756254	.3937300	.2290509	.3567308	.3096849	.1582203	.6406448

#1	2.606169	25.41495	2.408892	1.298806	25.84551	2.573370	2.545080
#2	2.610472	25.50036	2.406211	1.291393	25.95116	2.569755	2.517741
#3	2.615333	25.61512	2.398299	1.299893	26.00311	2.577883	2.546629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.63644	4.993090	5.139296	5.068162	4.837228	4.844886	4.901205
Stddev	.09981	.027243	.016846	.013800	.006232	.037396	.016798
%RSD	.3893156	.5456219	.3277807	.2722839	.1288238	.7718632	.3427268

#1	25.63207	4.967661	5.132290	5.077598	4.838125	4.820702	4.902749
#2	25.53890	4.989766	5.127084	5.074563	4.842963	4.825997	4.883688
#3	25.73837	5.021843	5.158514	5.052324	4.830597	4.887958	4.917177

Sample Name: CCV02 Acquired: 12/29/2023 11:59:48 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.122077	5.355195	5.157755
Stddev	.019386	.010006	.060112
%RSD	.3784825	.1868463	1.165461

#1	5.099700	5.345813	5.094667
#2	5.132752	5.354046	5.164231
#3	5.133779	5.365725	5.214366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	867.6529	998.4115	39978.66	6360.473	1160.576
Stddev	6.2606	2.9607	195.41	16.188	1.562
%RSD	.7215566	.2965459	.4887927	.2545055	.1346106

#1	861.9511	996.0750	39753.84	6346.148	1159.788
#2	874.3525	997.4184	40107.74	6378.035	1162.375
#3	866.6550	1001.741	40074.41	6357.235	1159.565

Sample Name: CCB02 Acquired: 12/29/2023 12:11:55 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031097	.0022403	.0031253	.0023581	-.000493	.0011244	-.001678
Stddev	.0070539	.0031402	.0006364	.0040888	.001938	.0056139	.000427
%RSD	226.8373	140.1667	20.36202	173.3954	392.9690	499.2595	25.45242

#1	-.000742	-.000014	.0032840	.0024762	-.001758	-.004719	-.001253
#2	-.001180	.005827	.0036672	-.001788	-.001460	.001616	-.001674
#3	.011251	.000909	.0024246	.006387	.001738	.006476	-.002107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000563	.0000526	-.004941	-.000313	.0002928	.0031148	-.007777
Stddev	.0000841	.0000572	.004541	.000131	.0000798	.0006825	.006537
%RSD	149.4868	108.7817	91.89652	41.94463	27.25409	21.91010	84.05590

#1	.0000082	.0000269	-.001119	-.000461	.0002251	.0038311	-.003905
#2	.0001534	.0000127	-.009961	-.000212	.0002725	.0024721	-.015325
#3	.0000072	.0001181	-.003743	-.000265	.0003808	.0030411	-.004102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000261	.0010148	.0004609	-.000254	-.198354	-.000860	-.000077
Stddev	.000615	.0130910	.0016068	.000652	.131264	.001966	.000162
%RSD	235.4036	1290.046	348.6329	256.9797	66.17662	228.5154	209.4525

#1	-.000084	-.013751	.0015928	.000117	-.159873	-.002934	-.000160
#2	-.000945	.011199	.0011681	.000128	-.090632	.000976	-.000181
#3	.000245	.005597	-.001378	-.001007	-.344558	-.000623	.000109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.118714	-.004373	-.001554	-.000127	-.000719	.0009988	-.001604
Stddev	.048637	.000662	.000675	.000401	.001442	.0007499	.002161
%RSD	40.96983	15.13230	43.42968	316.6557	200.4261	75.07924	134.7143

#1	-.174456	-.003960	-.001082	.000111	.000630	.0007297	.000743
#2	-.096779	-.005136	-.001253	-.000589	-.002239	.0018460	-.002043
#3	-.084908	-.004022	-.002328	.000099	-.000550	.0004205	-.003512

Sample Name: CCB02 Acquired: 12/29/2023 12:11:55 Type: Unk
Method: NON EPA-6010-200.7(v184) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004696	-.002616	.0000669
Stddev	.0000622	.000998	.0000438
%RSD	13.25113	38.15852	65.47568

#1	.0004649	-.003768	.0001072
#2	.0005340	-.002004	.0000733
#3	.0004098	-.002076	.0000203

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	896.7078	1029.637	41485.11	6421.897	1273.078
Stddev	5.2515	1.821	73.91	11.417	3.351
%RSD	.5856425	.1768244	.1781534	.1777846	.2632024

#1	893.1923	1028.910	41404.55	6430.060	1269.321
#2	902.7445	1028.293	41501.00	6426.780	1274.157
#3	894.1866	1031.709	41549.78	6408.850	1275.757