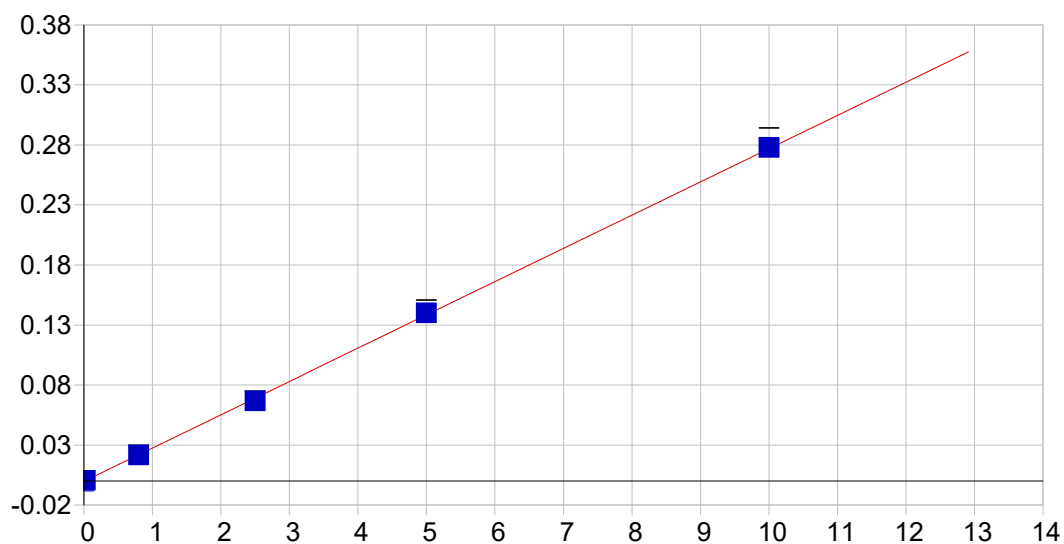


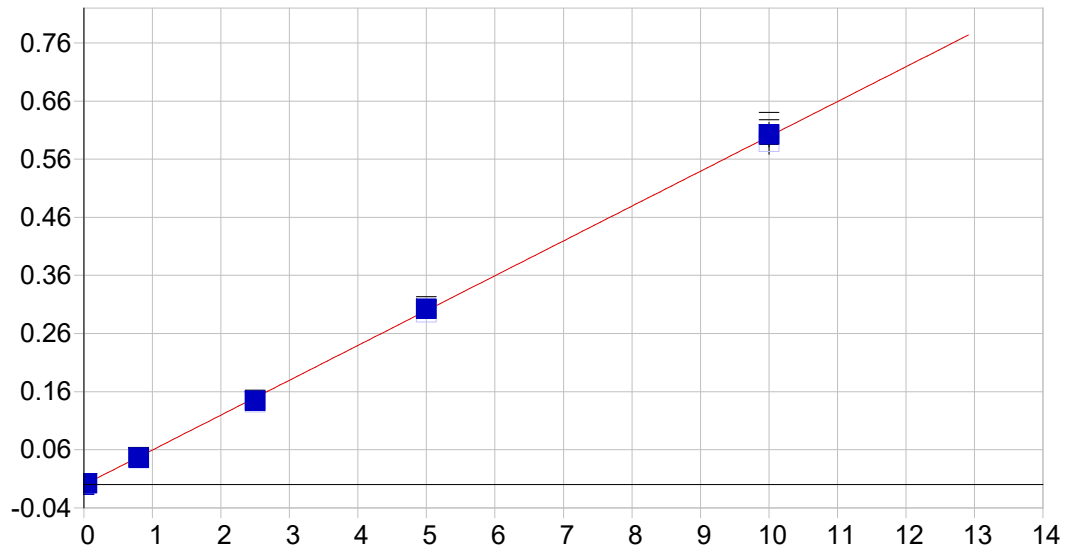


**As 189.042 {479}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000207 Re-Slope: 1.000000  
 A1 (Gain): 0.027715 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999841 Status: OK.  
 Std Error of Est: 0.000012  
 Predicted MDL: 0.011109  
 Predicted MQL: 0.037029

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00021 | .000    | 1        |
| S1        | .02000       | .02581      | .006       | 29.0    | .00052  | .000    | 1        |
| S3        | 2.5000       | 2.4141      | -.086      | -3.44   | .06679  | .000    | 1        |
| S4        | 5.0000       | 5.0609      | .061       | 1.22    | .14023  | .002    | 1        |
| S5        | 10.000       | 10.035      | .035       | .355    | .27827  | .008    | 1        |
| S2        | .80000       | .78361      | -.016      | -2.05   | .02154  | .000    | 1        |

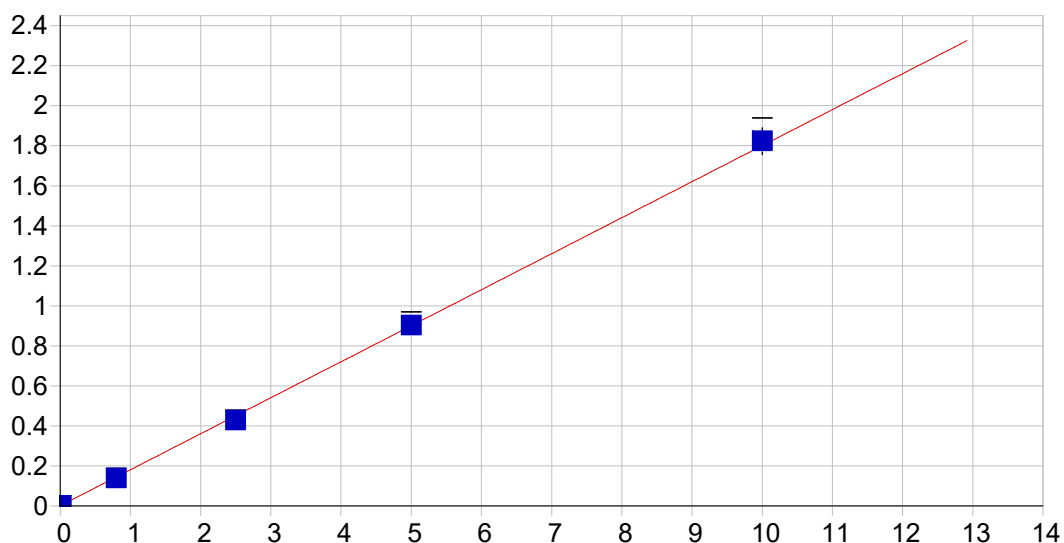


TI 190.856 {477}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000209 Re-Slope: 1.000000  
A1 (Gain): 0.059937 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999883 Status: OK.  
Std Error of Est: 0.000030  
Predicted MDL: 0.003547  
Predicted MQL: 0.011823

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00021 | .000    | 1        |
| S1        | .04000       | .04089      | .001       | 2.23    | .00214  | .000    | 1        |
| S3        | 2.5000       | 2.4166      | -.083      | -3.34   | .14150  | .001    | 1        |
| S4        | 5.0000       | 5.0513      | .051       | 1.03    | .29629  | .004    | 1        |
| S5        | 10.000       | 10.052      | .052       | .517    | .58974  | .021    | 1        |
| S2        | .80000       | .77953      | -.020      | -2.56   | .04551  | .000    | 1        |

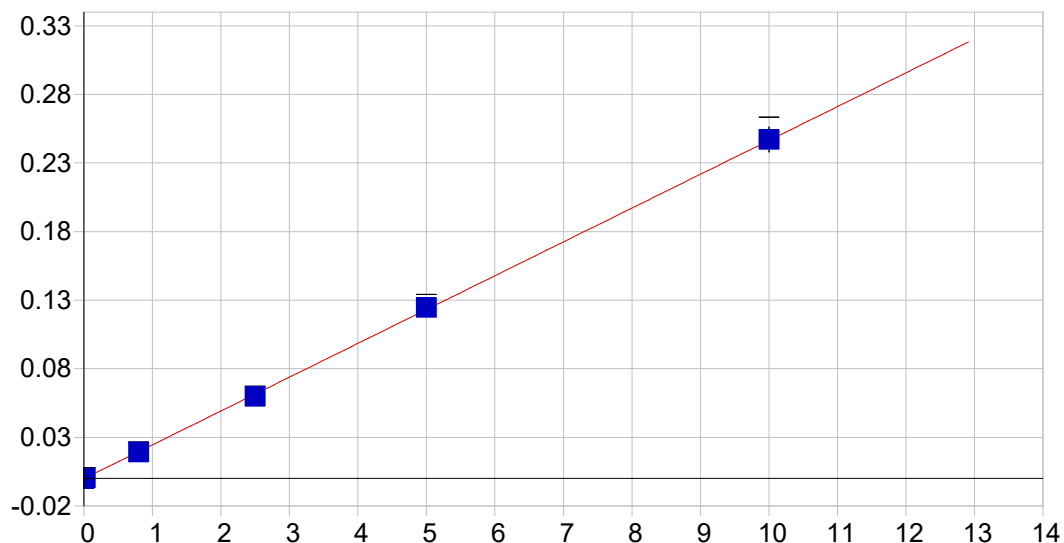


**Pb 220.353 {453}**

Date of Fit: 01/31/2024 10:47:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000535 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.179972 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999763 | Status:   | OK.      |
| Std Error of Est: | 0.000071 |           |          |
| Predicted MDL:    | 0.002746 |           |          |
| Predicted MQL:    | 0.009153 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00054 | .000    | 1        |
| S1        | .01200       | .01123      | -.001      | -6.39   | .00251 | .000    | 1        |
| S3        | 2.5000       | 2.3816      | -.118      | -4.74   | .42852 | .001    | 1        |
| S4        | 5.0000       | 5.0178      | .018       | .355    | .90232 | .018    | 1        |
| S5        | 10.000       | 10.132      | .132       | 1.32    | 1.8215 | .067    | 1        |
| S2        | .80000       | .76908      | -.031      | -3.87   | .13874 | .001    | 1        |

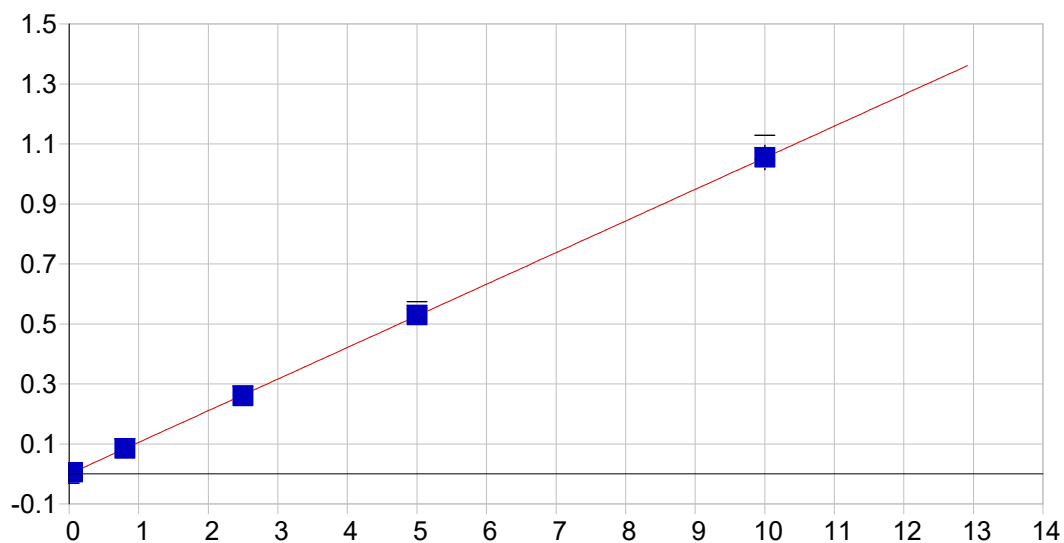


Se 196.090 {472}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000113 Re-Slope: 1.000000  
 A1 (Gain): 0.024659 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999899 Status: OK.  
 Std Error of Est: 0.000008  
 Predicted MDL: 0.011395  
 Predicted MQL: 0.037984

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .02000       | .01625      | -.004      | -18.8   | .00029  | .000    | 1        |
| S3        | 2.5000       | 2.4285      | -.071      | -2.86   | .05975  | .000    | 1        |
| S4        | 5.0000       | 5.0572      | .057       | 1.14    | .12455  | .003    | 1        |
| S5        | 10.000       | 10.031      | .031       | .310    | .24715  | .009    | 1        |
| S2        | .80000       | .78699      | -.013      | -1.63   | .01929  | .000    | 1        |

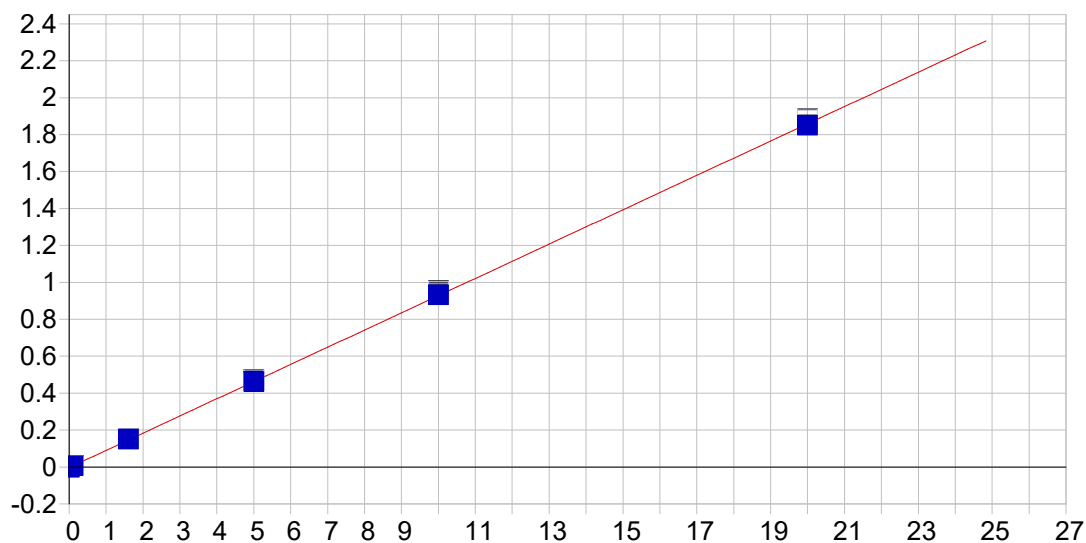


**Sb 206.833 {463}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000123 Re-Slope: 1.000000  
 A1 (Gain): 0.105396 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999985 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.003221  
 Predicted MQL: 0.010736

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00012 | .000    | 1        |
| S1        | .05000       | .05067      | .001       | 1.35    | .00520  | .000    | 1        |
| S3        | 2.5000       | 2.4669      | -.033      | -1.32   | .25985  | .001    | 1        |
| S4        | 5.0000       | 5.0216      | .022       | .431    | .52908  | .012    | 1        |
| S5        | 10.000       | 10.008      | .008       | .082    | 1.0546  | .042    | 1        |
| S2        | .80000       | .80260      | .003       | .326    | .08446  | .001    | 1        |

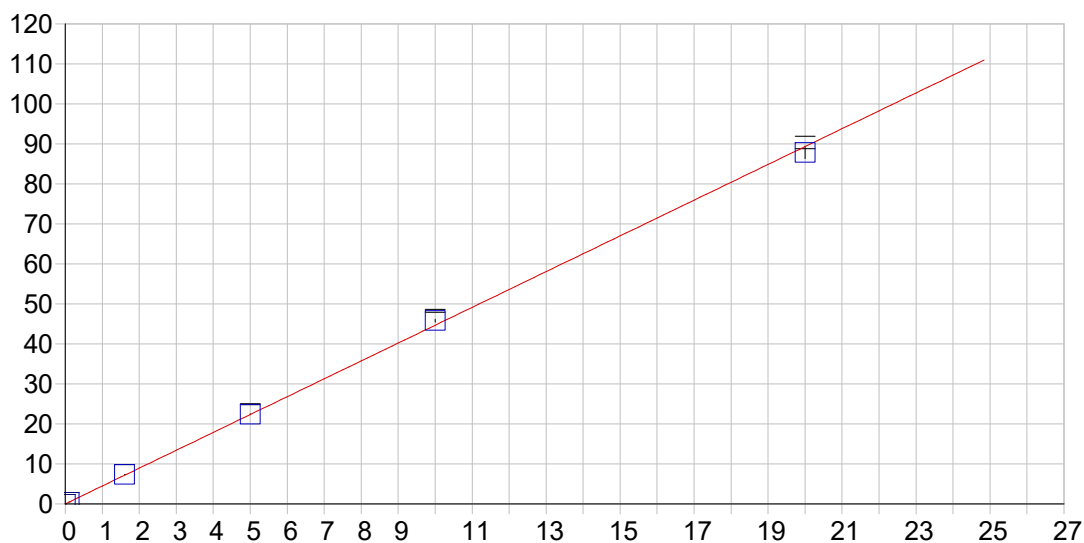


AI 396.152 { 85}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002982 Re-Slope: 1.000000  
 A1 (Gain): 0.093085 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999967 Status: OK.  
 Std Error of Est: 0.000057  
 Predicted MDL: 0.010363  
 Predicted MQL: 0.034543

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00298 | .000    | 1        |
| S1        | .10000       | .10500      | .005       | 5.00    | .00748  | .001    | 1        |
| S3        | 5.0000       | 4.9950      | -.005      | -.099   | .47063  | .002    | 1        |
| S4        | 10.000       | 10.045      | .045       | .449    | .94935  | .004    | 1        |
| S5        | 20.000       | 19.904      | -.096      | -.479   | 1.8844  | .002    | 1        |
| S2        | 1.6000       | 1.6506      | .051       | 3.16    | .15343  | .001    | 1        |

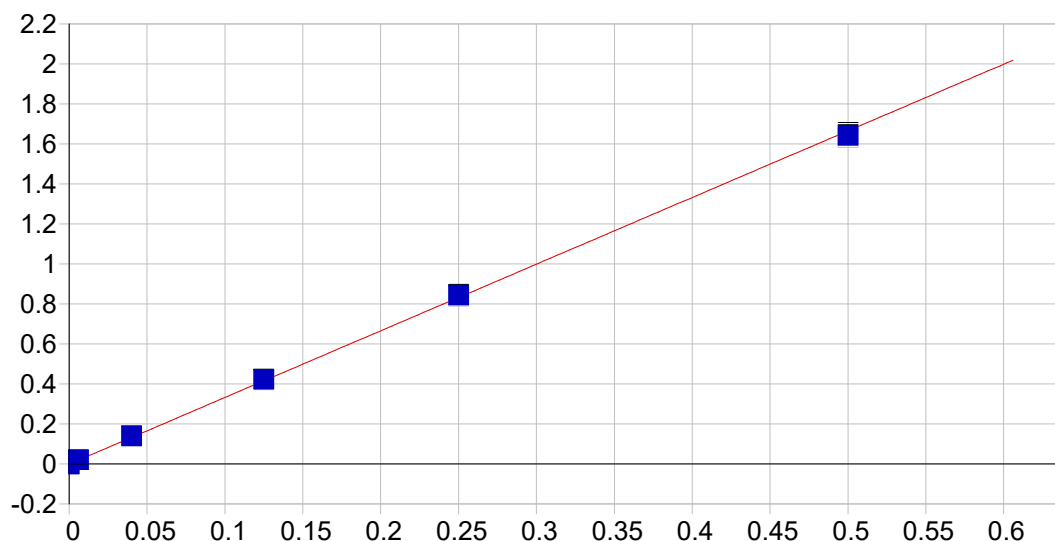


**Ba 493.409 { 68}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007002 Re-Slope: 1.000000  
 A1 (Gain): 4.466547 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999814 Status: OK.  
 Std Error of Est: 0.006388  
 Predicted MDL: 0.000581  
 Predicted MQL: 0.001936

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00697 | .002    | 1        |
| S1        | .10000       | .10246      | .002       | 2.46    | .46466 | .003    | 1        |
| S3        | 5.0000       | 5.0199      | .020       | .397    | 22.429 | .101    | 1        |
| S4        | 10.000       | 10.255      | .255       | 2.55    | 45.812 | .360    | 1        |
| S5        | 20.000       | 19.672      | -.328      | -1.64   | 87.872 | 1.57    | 1        |
| S2        | 1.6000       | 1.6509      | .051       | 3.18    | 7.3809 | .018    | 1        |

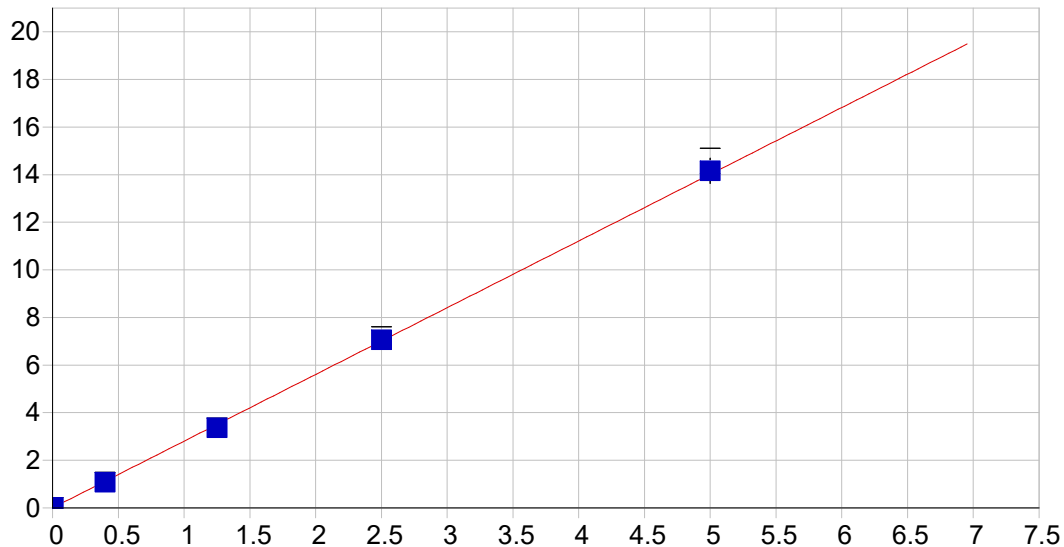


### Be 234.861 {144}

Date of Fit: 01/31/2024 10:47:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000997 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.332519  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999850  | Status:   | OK.      |
| Std Error of Est: | 0.000165  |           |          |
| Predicted MDL:    | 0.000097  |           |          |
| Predicted MQL:    | 0.000324  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00100 | .000    | 1        |
| S1        | .00600       | .00621      | .000       | 3.56    | .01949  | .000    | 1        |
| S3        | .12500       | .12701      | .002       | 1.61    | .41948  | .001    | 1        |
| S4        | .25000       | .25322      | .003       | 1.29    | .83727  | .005    | 1        |
| S5        | .50000       | .49271      | -.007      | -1.46   | 1.6298  | .017    | 1        |
| S2        | .04000       | .04184      | .002       | 4.60    | .13754  | .001    | 1        |

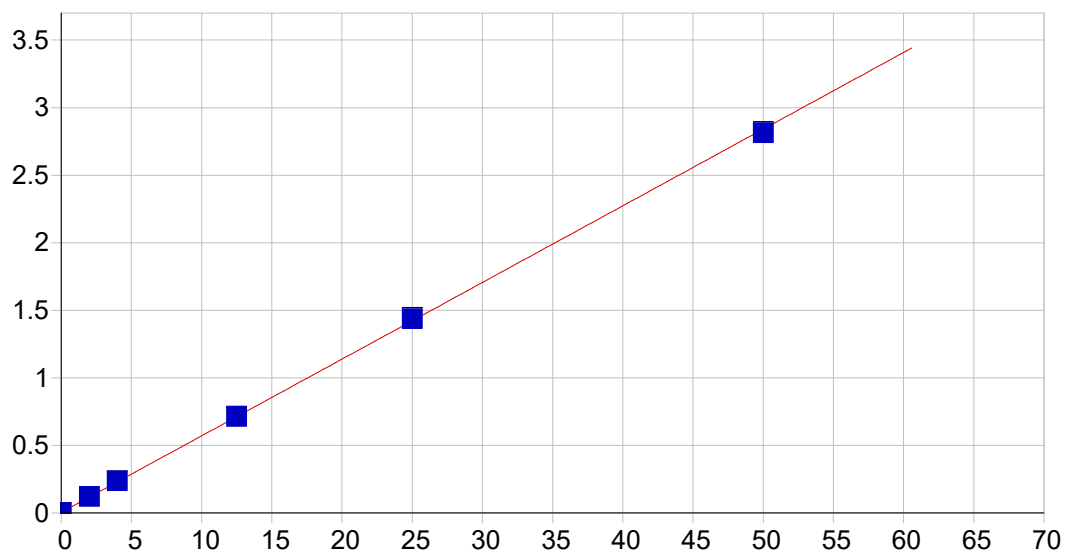


**Cd 214.438 {457}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000624 Re-Slope: 1.000000  
 A1 (Gain): 2.803335 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999810 Status: OK.  
 Std Error of Est: 0.000496  
 Predicted MDL: 0.000117  
 Predicted MQL: 0.000389

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00063 | .000    | 1        |
| S1        | .00600       | .00602      | .000       | .261    | .01750 | .000    | 1        |
| S3        | 1.2500       | 1.1969      | -.053      | -4.25   | 3.3561 | .008    | 1        |
| S4        | 2.5000       | 2.5162      | .016       | .650    | 7.0549 | .140    | 1        |
| S5        | 5.0000       | 5.0521      | .052       | 1.04    | 14.164 | .531    | 1        |
| S2        | .40000       | .38476      | -.015      | -3.81   | 1.0793 | .001    | 1        |

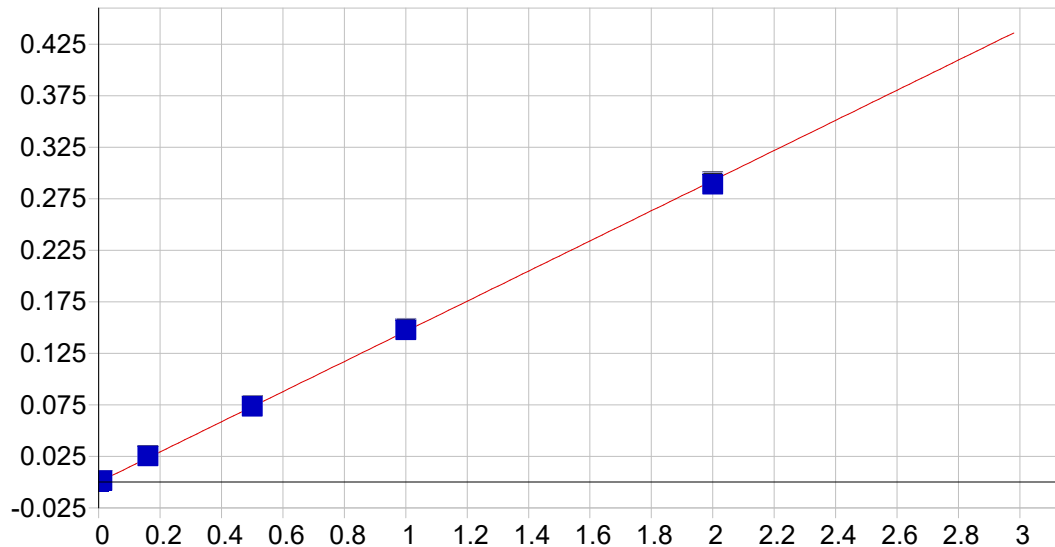


Ca 373.690 { 90}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003240 Re-Slope: 1.000000  
 A1 (Gain): 0.056751 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999918 Status: OK.  
 Std Error of Est: 0.000384  
 Predicted MDL: 0.013678  
 Predicted MQL: 0.045593

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00014     | -.000      | .000    | .00323 | .000    | 1        |
| S2        | 4.0000       | 4.1298      | .130       | 3.24    | .23752 | .000    | 1        |
| S3        | 12.500       | 12.488      | -.012      | -.098   | .71165 | .003    | 1        |
| S4        | 25.000       | 25.294      | .294       | 1.18    | 1.4381 | .009    | 1        |
| S5        | 50.000       | 49.513      | -.487      | -.974   | 2.8120 | .009    | 1        |
| S1        | 2.0000       | 2.0752      | .075       | 3.76    | .12100 | .001    | 1        |

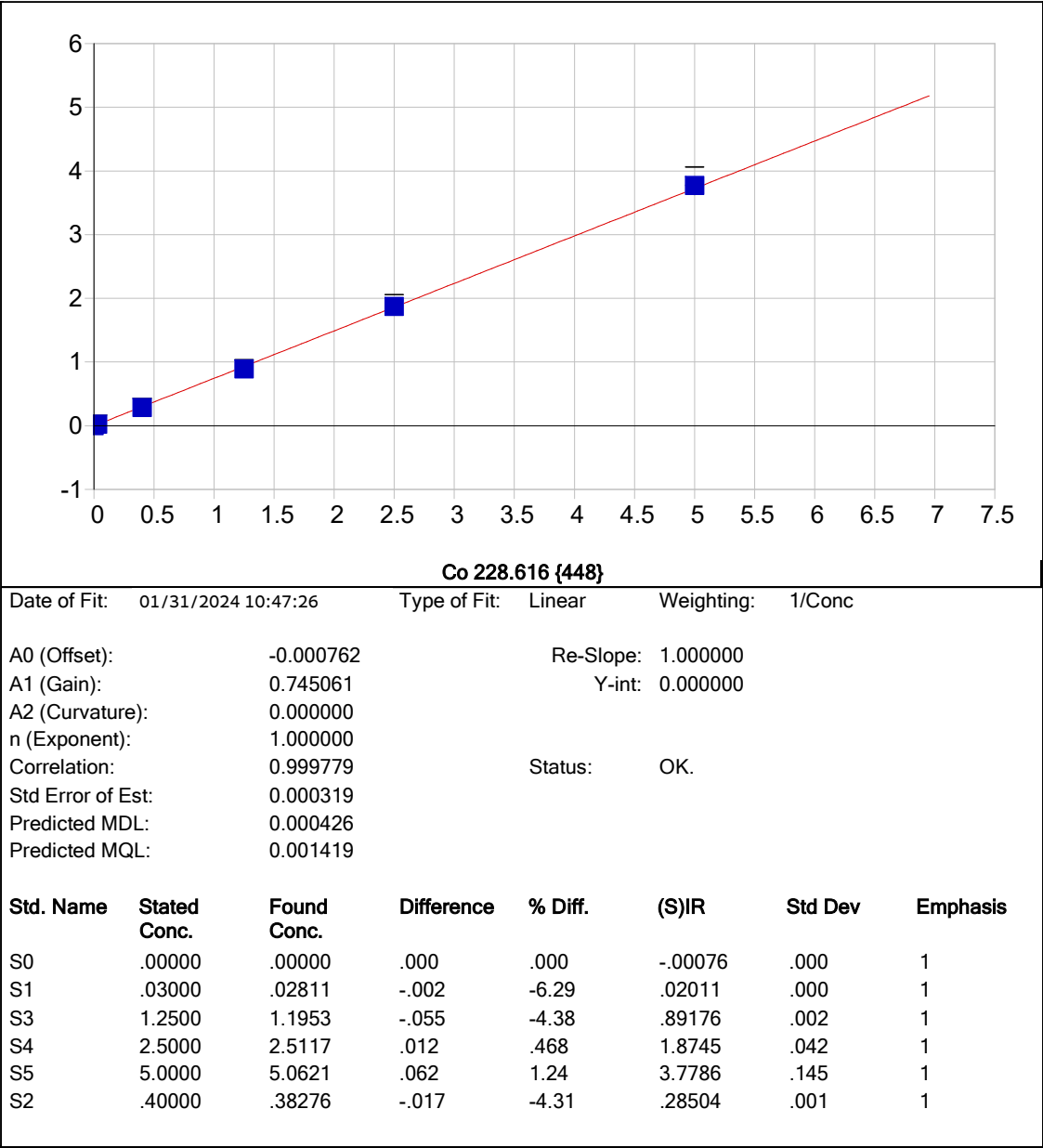


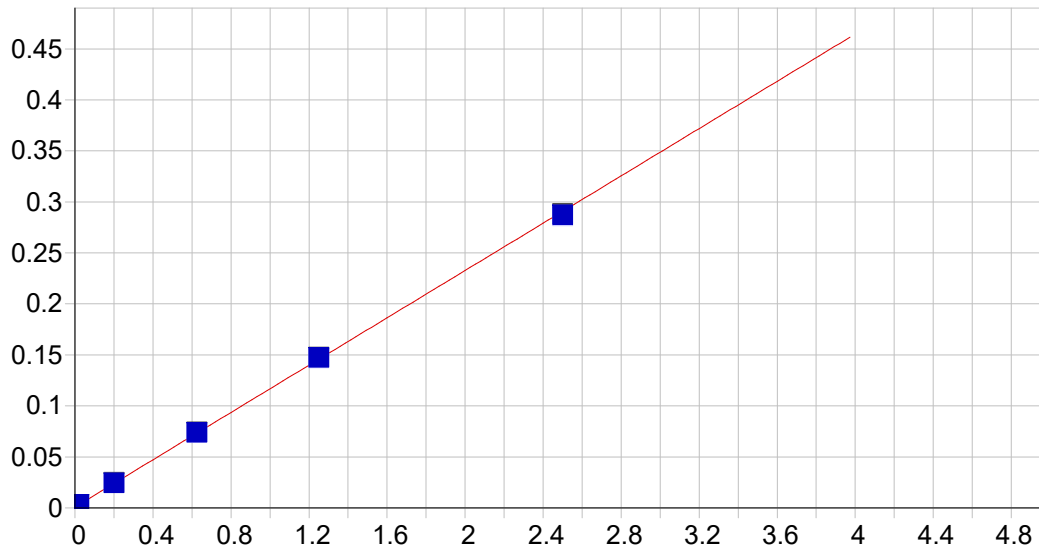
**Cr 267.716 {126}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000  
 A1 (Gain): 0.146255 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999817 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.000493  
 Predicted MQL: 0.001642

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00005 | .000    | 1        |
| S1        | .01000       | .00995      | -.000      | -.488   | .00152 | .000    | 1        |
| S3        | .50000       | .50237      | .002       | .475    | .07404 | .000    | 1        |
| S4        | 1.0000       | 1.0101      | .010       | 1.01    | .14881 | .000    | 1        |
| S5        | 2.0000       | 1.9753      | -.025      | -1.24   | .29100 | .000    | 1        |
| S2        | .16000       | .17230      | .012       | 7.69    | .02541 | .000    | 1        |



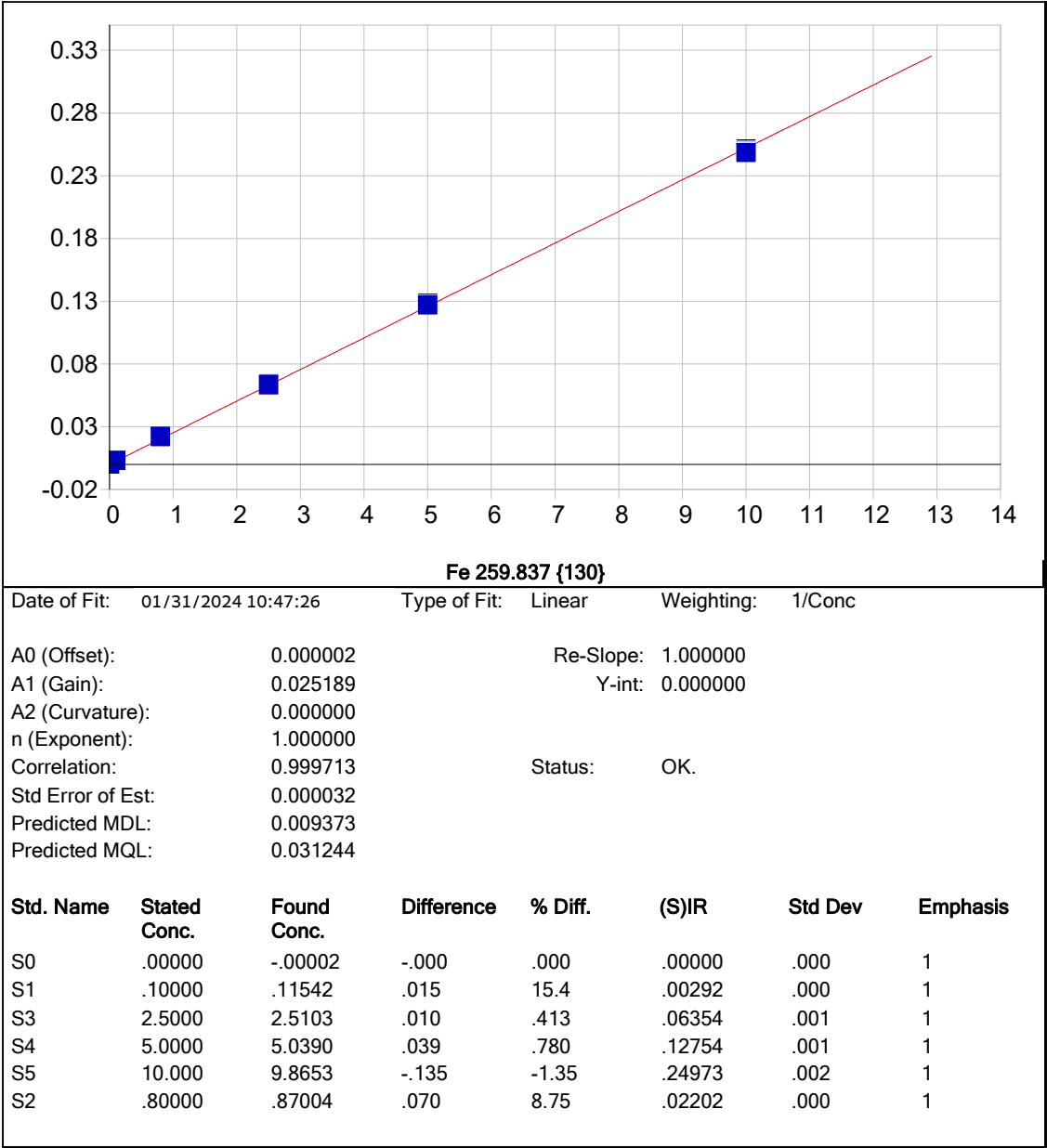


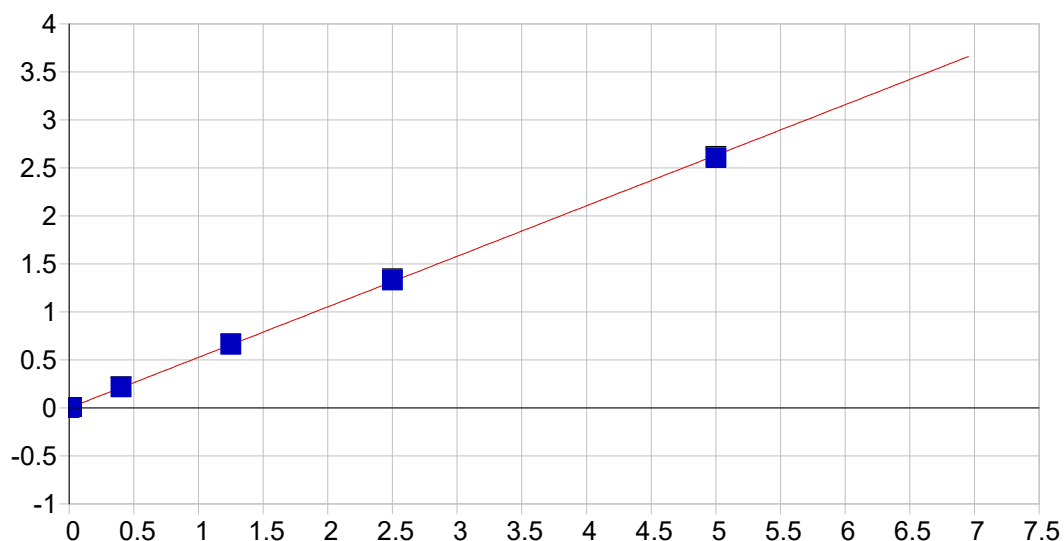
**Cu 324.754 {104}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000823 Re-Slope: 1.000000  
 A1 (Gain): 0.115946 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999902 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.004358  
 Predicted MQL: 0.014526

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00082 | .000    | 1        |
| S1        | .02000       | .02211      | .002       | 10.5    | .00339 | .000    | 1        |
| S3        | .62500       | .63186      | .007       | 1.10    | .07375 | .000    | 1        |
| S4        | 1.2500       | 1.2635      | .014       | 1.08    | .14666 | .001    | 1        |
| S5        | 2.5000       | 2.4722      | -.028      | -1.11   | .28613 | .001    | 1        |
| S2        | .20000       | .20525      | .005       | 2.63    | .02451 | .000    | 1        |



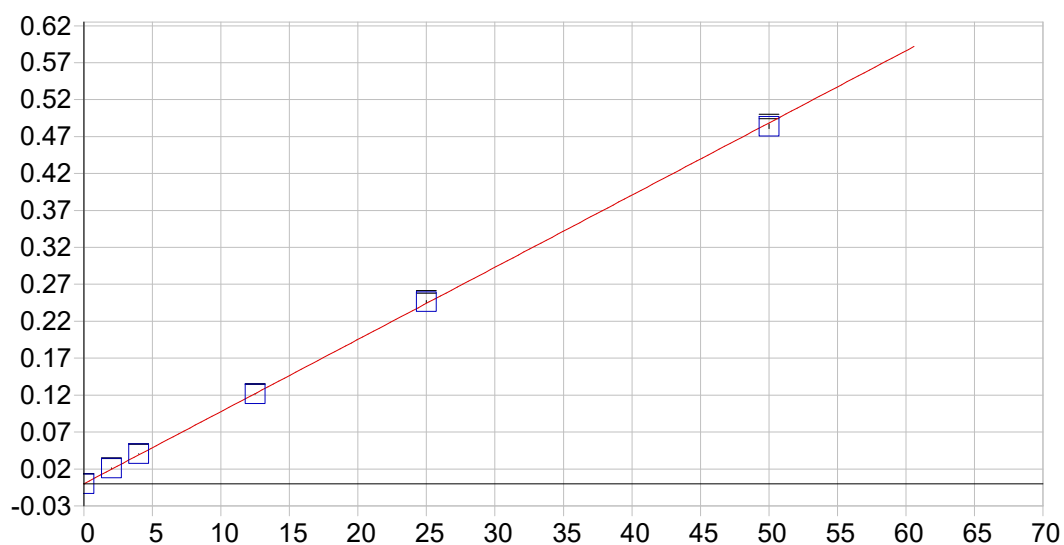


**Mn 257.610 {131}**

Date of Fit: 01/31/2024 10:47:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000164 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.526351 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999933 | Status:   | OK.      |
| Std Error of Est: | 0.000101 |           |          |
| Predicted MDL:    | 0.000575 |           |          |
| Predicted MQL:    | 0.001918 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00016 | .000    | 1        |
| S1        | .02000       | .02001      | .000       | .072    | .01070 | .000    | 1        |
| S3        | 1.2500       | 1.2544      | .004       | .355    | .66055 | .005    | 1        |
| S4        | 2.5000       | 2.5290      | .029       | 1.16    | 1.3316 | .011    | 1        |
| S5        | 5.0000       | 4.9533      | -.047      | -.935   | 2.6078 | .013    | 1        |
| S2        | .40000       | .41325      | .013       | 3.31    | .21771 | .001    | 1        |

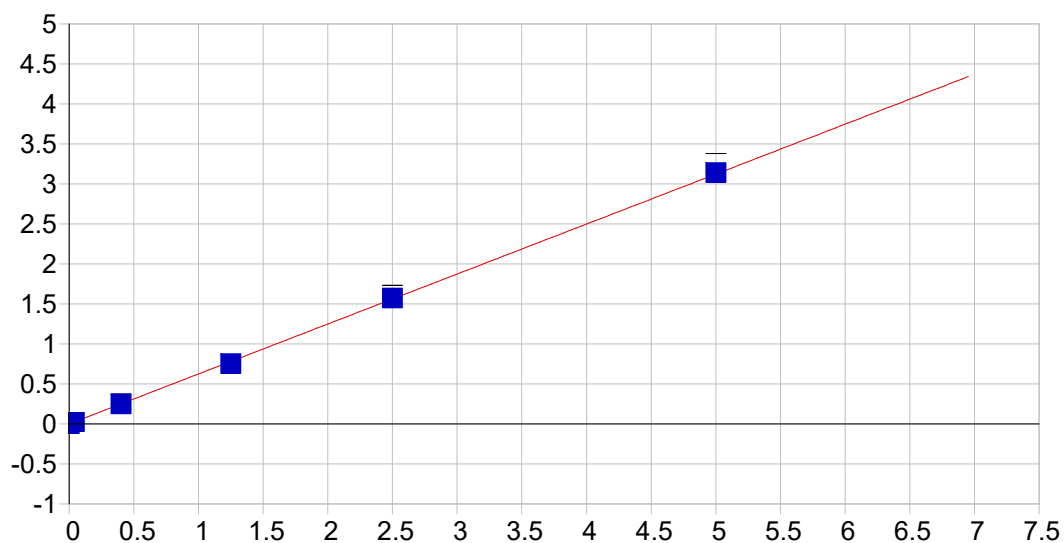


**Mg 279.079 {121}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000034 Re-Slope: 1.000000  
 A1 (Gain): 0.009769 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999866 Status: OK.  
 Std Error of Est: 0.000085  
 Predicted MDL: 0.029337  
 Predicted MQL: 0.097791

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00023     | -.000      | .000    | -.00004 | .000    | 1        |
| S2        | 4.0000       | 4.1448      | .145       | 3.62    | .04046  | .000    | 1        |
| S3        | 12.500       | 12.452      | -.048      | -.381   | .12161  | .000    | 1        |
| S4        | 25.000       | 25.220      | .220       | .881    | .24634  | .002    | 1        |
| S5        | 50.000       | 49.520      | -.480      | -.959   | .48372  | .003    | 1        |
| S1        | 2.0000       | 2.1621      | .162       | 8.10    | .02109  | .000    | 1        |

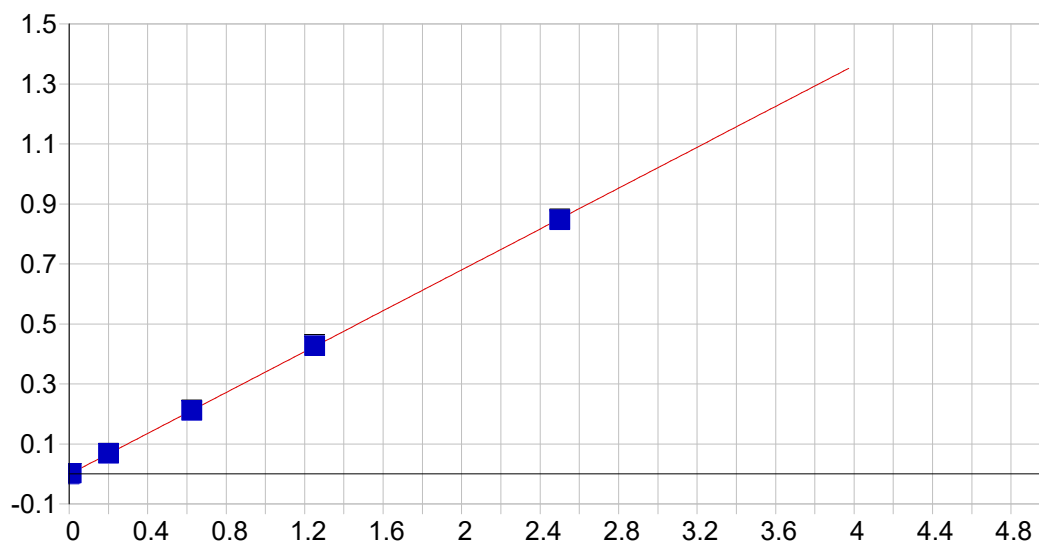


Ni 231.604 {446}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000192 Re-Slope: 1.000000  
 A1 (Gain): 0.624492 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999905 Status: OK.  
 Std Error of Est: 0.000202  
 Predicted MDL: 0.000761  
 Predicted MQL: 0.002538

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00019 | .000    | 1        |
| S1        | .04000       | .03949      | -.001      | -1.27   | .02449  | .000    | 1        |
| S3        | 1.2500       | 1.2074      | -.043      | -3.40   | .75459  | .001    | 1        |
| S4        | 2.5000       | 2.5156      | .016       | .623    | 1.5723  | .035    | 1        |
| S5        | 5.0000       | 5.0300      | .030       | .600    | 3.1440  | .114    | 1        |
| S2        | .40000       | .39750      | -.002      | -.625   | .24828  | .001    | 1        |

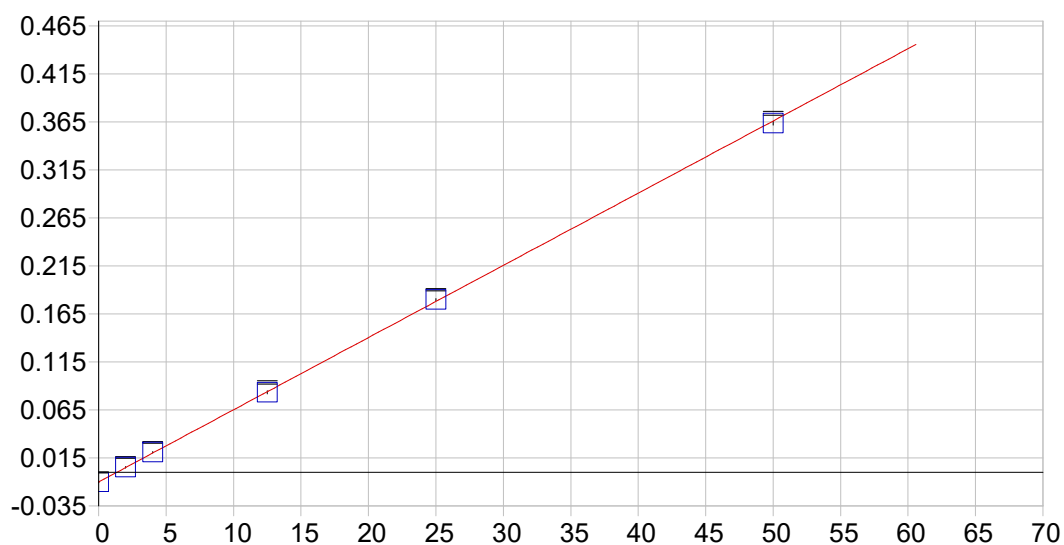


Ag 328.068 {103}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001156 Re-Slope: 1.000000  
A1 (Gain): 0.340597 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999982 Status: OK.  
Std Error of Est: 0.000017  
Predicted MDL: 0.000477  
Predicted MQL: 0.001591

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00116 | .000    | 1        |
| S1        | .01000       | .01045      | .000       | 4.46    | .00239  | .000    | 1        |
| S3        | .62500       | .62297      | -.002      | -.324   | .21080  | .001    | 1        |
| S4        | 1.2500       | 1.2583      | .008       | .666    | .42697  | .004    | 1        |
| S5        | 2.5000       | 2.4902      | -.010      | -.392   | .84609  | .003    | 1        |
| S2        | .20000       | .20305      | .003       | 1.52    | .06793  | .000    | 1        |

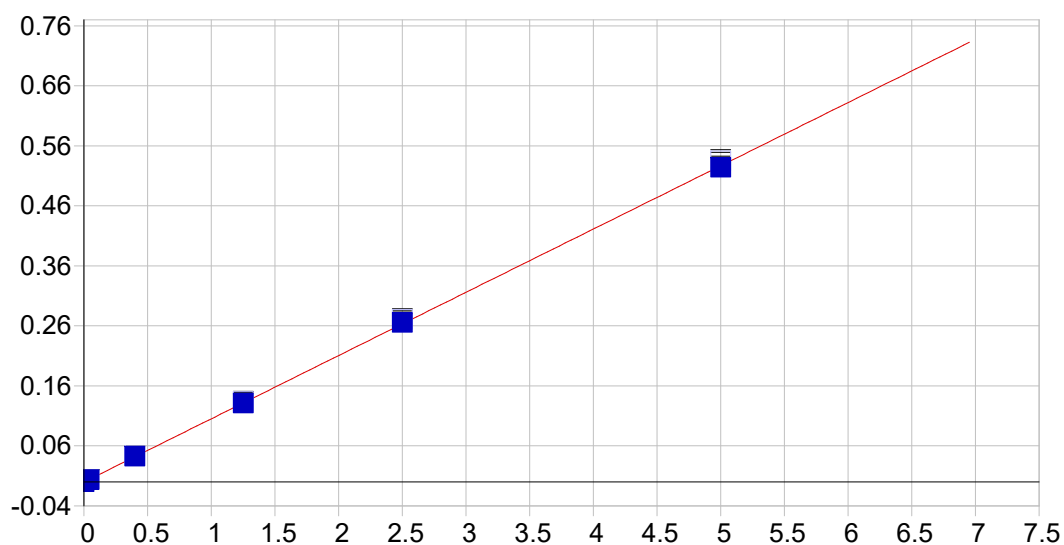


**Na 818.326 { 41}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010080 Re-Slope: 1.000000  
A1 (Gain): 0.007522 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999948 Status: OK.  
Std Error of Est: 0.000040  
Predicted MDL: 0.264593  
Predicted MQL: 0.881977

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00009     | -.000      | .000    | -.01008 | .001    | 1        |
| S2        | 4.0000       | 4.1201      | .120       | 3.00    | .02091  | .001    | 1        |
| S3        | 12.500       | 12.412      | -.088      | -.704   | .08328  | .002    | 1        |
| S4        | 25.000       | 25.249      | .249       | .997    | .17984  | .001    | 1        |
| S5        | 50.000       | 49.678      | -.322      | -.645   | .36359  | .002    | 1        |
| S1        | 2.0000       | 2.0408      | .041       | 2.04    | .00527  | .001    | 1        |

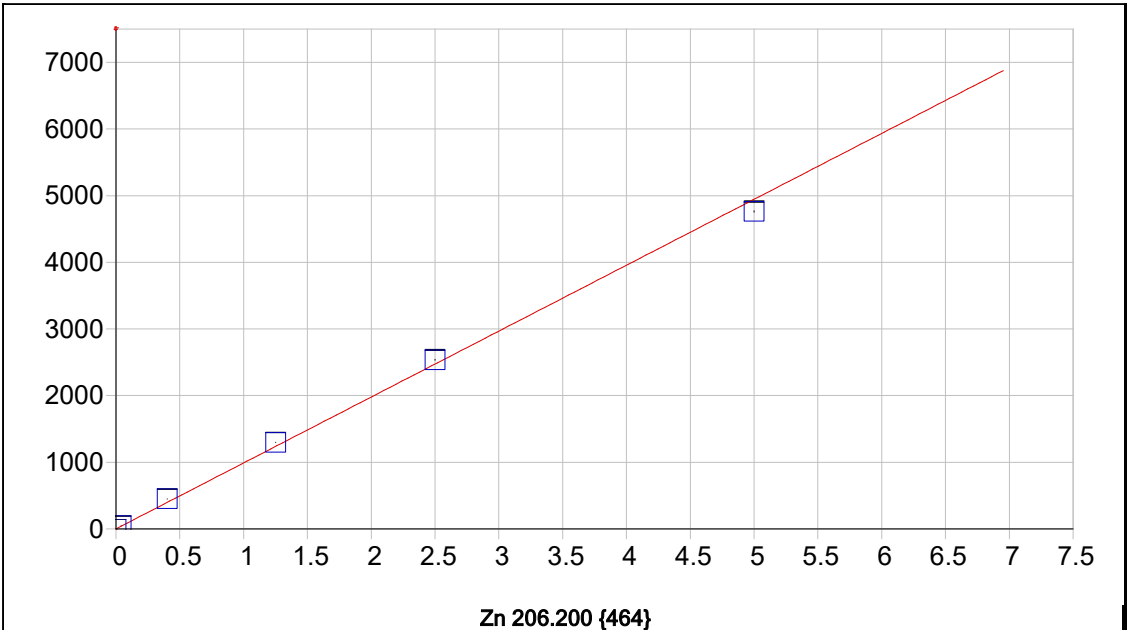


**V 292.402 {115}**

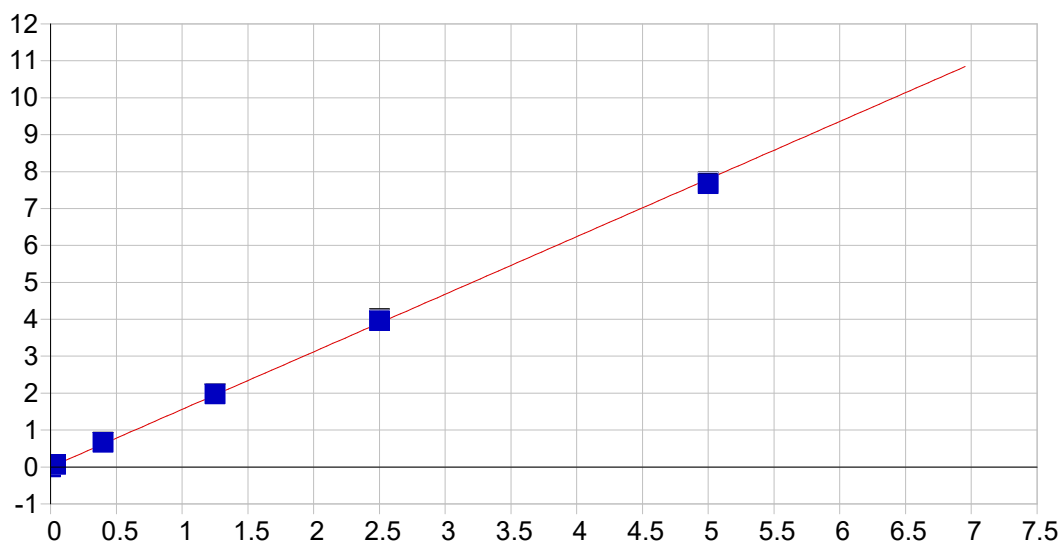
Date of Fit: 01/31/2024 10:47:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000249 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.105399  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999971  | Status:   | OK.      |
| Std Error of Est: | 0.000019  |           |          |
| Predicted MDL:    | 0.003481  |           |          |
| Predicted MQL:    | 0.011604  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00025 | .000    | 1        |
| S1        | .04000       | .03773      | -.002      | -5.67   | .00394  | .000    | 1        |
| S3        | 1.2500       | 1.2458      | -.004      | -.338   | .13368  | .001    | 1        |
| S4        | 2.5000       | 2.5224      | .022       | .897    | .27086  | .001    | 1        |
| S5        | 5.0000       | 4.9773      | -.023      | -.453   | .53486  | .002    | 1        |
| S2        | .40000       | .40679      | .007       | 1.70    | .04347  | .000    | 1        |



|                                  |              |                     |            |                   |        |         |          |
|----------------------------------|--------------|---------------------|------------|-------------------|--------|---------|----------|
| Zn 206.200 {464}                 |              |                     |            |                   |        |         |          |
| Date of Fit: 01/31/2024 10:47:26 |              | Type of Fit: Linear |            | Weighting: 1/Conc |        |         |          |
| A0 (Offset): 0.765686            |              | Re-Slope: 1.000000  |            |                   |        |         |          |
| A1 (Gain): 988.920721            |              | Y-int: 0.000000     |            |                   |        |         |          |
| A2 (Curvature): 0.000000         |              |                     |            |                   |        |         |          |
| n (Exponent): 1.000000           |              |                     |            |                   |        |         |          |
| Correlation: 0.998943            |              | Status: OK.         |            |                   |        |         |          |
| Std Error of Est: 1.067667       |              |                     |            |                   |        |         |          |
| Predicted MDL: 0.000477          |              |                     |            |                   |        |         |          |
| Predicted MQL: 0.001591          |              |                     |            |                   |        |         |          |
| Std. Name                        | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR  | Std Dev | Emphasis |
| S0                               | .00000       | -.00001             | -.000      | .000              | .75323 | .436    | 1        |
| S1                               | .04000       | .04573              | .006       | 14.3              | 45.990 | .795    | 1        |
| S3                               | 1.2500       | 1.3120              | .062       | 4.96              | 1298.2 | 2.22    | 1        |
| S4                               | 2.5000       | 2.5635              | .063       | 2.54              | 2535.8 | 7.24    | 1        |
| S5                               | 5.0000       | 4.8155              | -.185      | -3.69             | 4762.9 | 11.0    | 1        |
| S2                               | .40000       | .45341              | .053       | 13.4              | 449.15 | .468    | 1        |

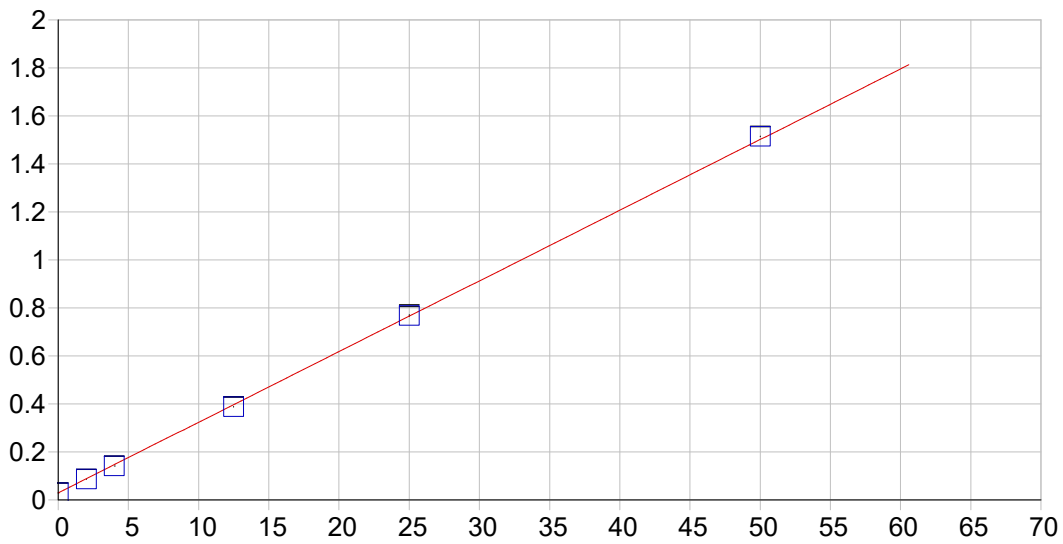


**Zn 213.856 {158}**

Date of Fit: 01/31/2024 10:47:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000517 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.559867  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999775  | Status:   | OK.      |
| Std Error of Est: | 0.000782  |           |          |
| Predicted MDL:    | 0.000590  |           |          |
| Predicted MQL:    | 0.001968  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00053 | .001    | 1        |
| S1        | .04000       | .04390      | .004       | 9.75    | .06832  | .000    | 1        |
| S3        | 1.2500       | 1.2645      | .015       | 1.16    | 1.9830  | .005    | 1        |
| S4        | 2.5000       | 2.5392      | .039       | 1.57    | 3.9823  | .034    | 1        |
| S5        | 5.0000       | 4.9167      | -.083      | -1.67   | 7.7129  | .002    | 1        |
| S2        | .40000       | .42561      | .026       | 6.40    | .66689  | .003    | 1        |

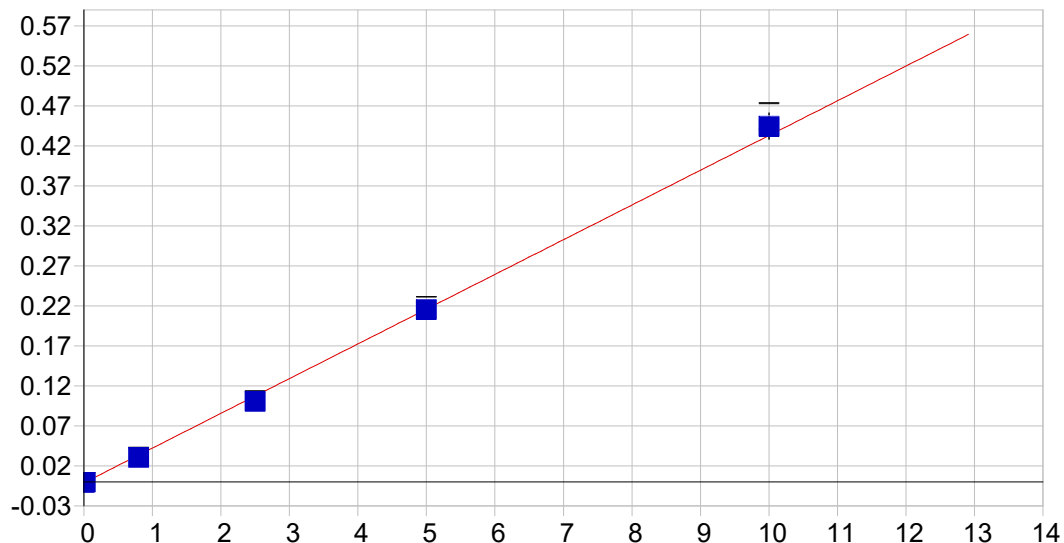


K 769.896 { 44}

Date of Fit: 01/31/2024 10:47:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.029226 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.029444 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999880 | Status:   | OK.      |
| Std Error of Est: | 0.000242 |           |          |
| Predicted MDL:    | 0.062681 |           |          |
| Predicted MQL:    | 0.208938 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00018      | .000       | .000    | .02923 | .002    | 1        |
| S2        | 4.0000       | 3.8171      | -.183      | -4.57   | .14162 | .000    | 1        |
| S3        | 12.500       | 12.200      | -.300      | -2.40   | .38845 | .001    | 1        |
| S4        | 25.000       | 25.084      | .084       | .338    | .76781 | .004    | 1        |
| S5        | 50.000       | 50.466      | .466       | .932    | 1.5151 | .001    | 1        |
| S1        | 2.0000       | 1.9321      | -.068      | -3.39   | .08612 | .001    | 1        |

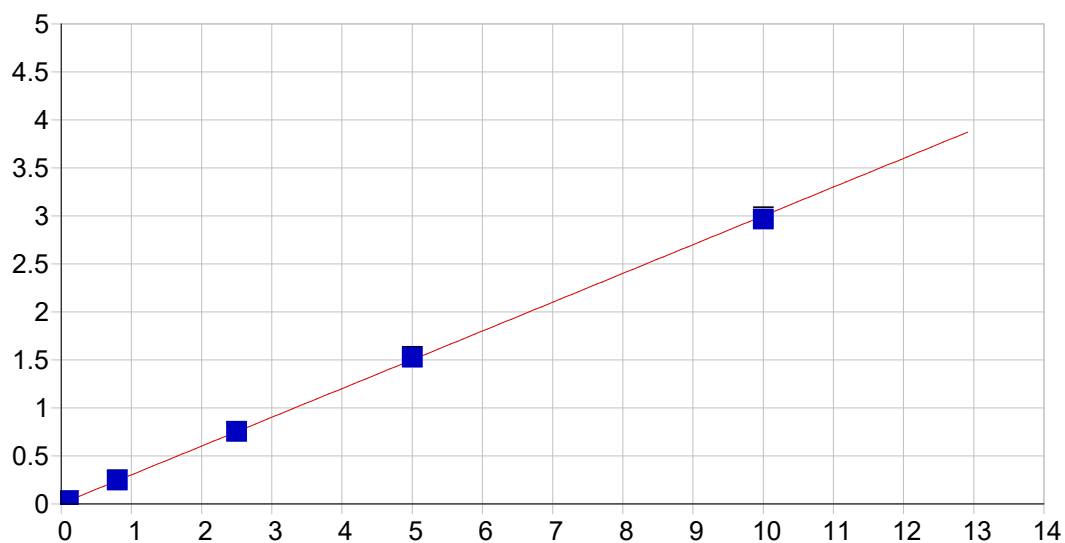


P 177.495 {490}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001128 Re-Slope: 1.000000  
 A1 (Gain): 0.043410 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999326 Status: OK.  
 Std Error of Est: 0.000037  
 Predicted MDL: 0.004782  
 Predicted MQL: 0.015939

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00113 | .000    | 1        |
| S1        | .02000       | .01468      | -.005      | -26.6   | -.00048 | .000    | 1        |
| S3        | 2.5000       | 2.3417      | -.158      | -6.33   | .10078  | .001    | 1        |
| S4        | 5.0000       | 4.9792      | -.021      | -.417   | .21552  | .004    | 1        |
| S5        | 10.000       | 10.258      | .258       | 2.58    | .44515  | .016    | 1        |
| S2        | .80000       | .72691      | -.073      | -9.14   | .03051  | .000    | 1        |

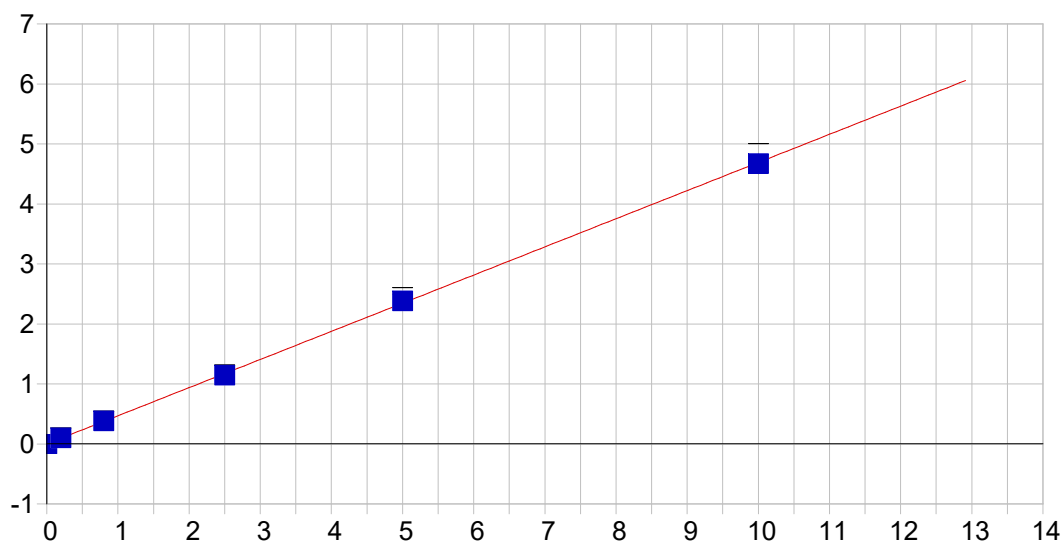


**B 249.678 {135}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002718 Re-Slope: 1.000000  
 A1 (Gain): 0.299724 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999919 Status: OK.  
 Std Error of Est: 0.000200  
 Predicted MDL: 0.001339  
 Predicted MQL: 0.004464

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00272 | .000    | 1        |
| S1        | .10000       | .10303      | .003       | 3.03    | .03348 | .000    | 1        |
| S3        | 2.5000       | 2.5049      | .005       | .198    | .75180 | .003    | 1        |
| S4        | 5.0000       | 5.0837      | .084       | 1.67    | 1.5230 | .011    | 1        |
| S5        | 10.000       | 9.8926      | -.107      | -1.07   | 2.9609 | .023    | 1        |
| S2        | .80000       | .81579      | .016       | 1.97    | .24668 | .002    | 1        |

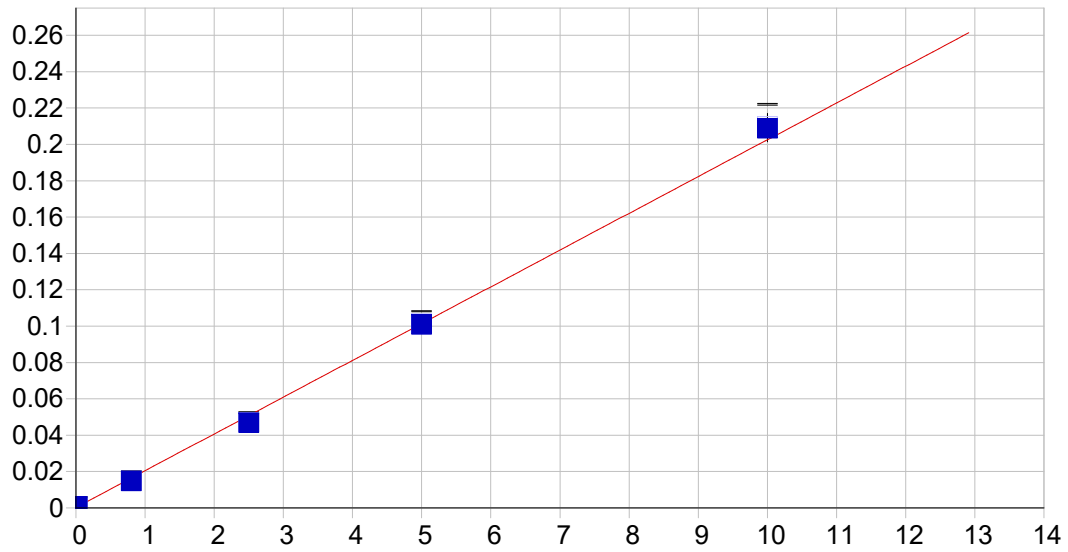


Mo 202.030 {467}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000382 Re-Slope: 1.000000  
 A1 (Gain): 0.469123 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999889 Status: OK.  
 Std Error of Est: 0.000520  
 Predicted MDL: 0.000636  
 Predicted MQL: 0.002119

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | -.00039 | .000    | 1        |
| S1        | .20000       | .21631      | .016       | 8.15    | .10110  | .000    | 1        |
| S3        | 2.5000       | 2.4432      | -.057      | -2.27   | 1.1460  | .003    | 1        |
| S4        | 5.0000       | 5.0772      | .077       | 1.54    | 2.3820  | .056    | 1        |
| S5        | 10.000       | 9.9549      | -.045      | -.451   | 4.6707  | .168    | 1        |
| S2        | .80000       | .80840      | .008       | 1.05    | .37894  | .001    | 1        |

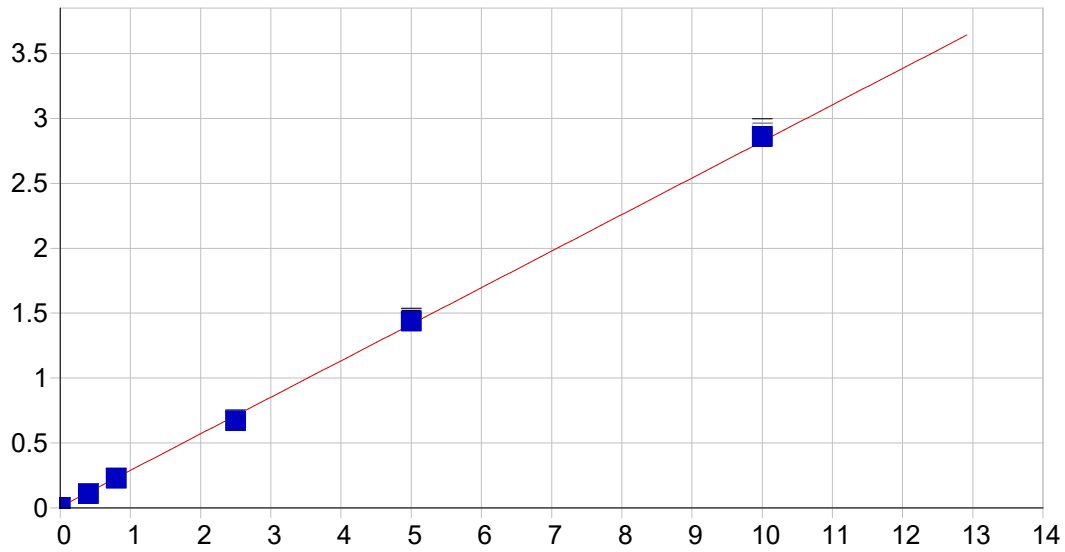


**S 182.034 {485}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000245 Re-Slope: 1.000000  
 A1 (Gain): 0.020228 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999055 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.008872  
 Predicted MQL: 0.029574

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00024 | .000    | 1        |
| S1        | .02000       | .01957      | -.000      | -2.13   | .00063 | .000    | 1        |
| S3        | 2.5000       | 2.2989      | -.201      | -8.04   | .04700 | .000    | 1        |
| S4        | 5.0000       | 4.9763      | -.024      | -.473   | .10140 | .002    | 1        |
| S5        | 10.000       | 10.310      | .310       | 3.10    | .20980 | .007    | 1        |
| S2        | .80000       | .71479      | -.085      | -10.7   | .01478 | .000    | 1        |

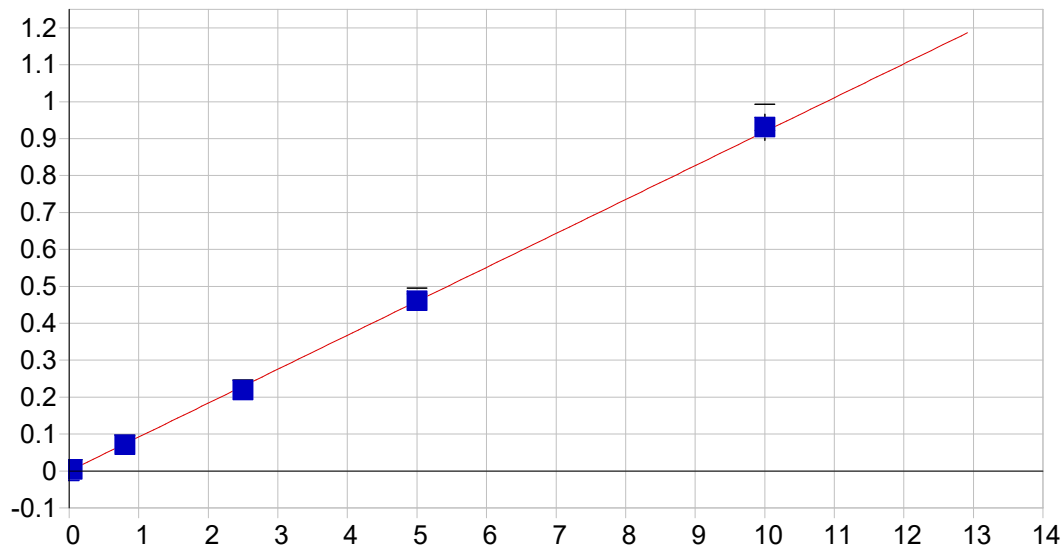


Si 251.611 {134}

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007355 Re-Slope: 1.000000  
 A1 (Gain): 0.281495 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999565 Status: OK.  
 Std Error of Est: 0.000889  
 Predicted MDL: 0.001391  
 Predicted MQL: 0.004637

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00007      | .000       | .000    | .00737 | .000    | 1        |
| S1        | .40000       | .35560      | -.044      | -11.1   | .10799 | .001    | 1        |
| S3        | 2.5000       | 2.3564      | -.144      | -5.74   | .67875 | .001    | 1        |
| S4        | 5.0000       | 5.0780      | .078       | 1.56    | 1.4529 | .009    | 1        |
| S5        | 10.000       | 10.131      | .131       | 1.31    | 2.8914 | .030    | 1        |
| S2        | .80000       | .77911      | -.021      | -2.61   | .22925 | .001    | 1        |

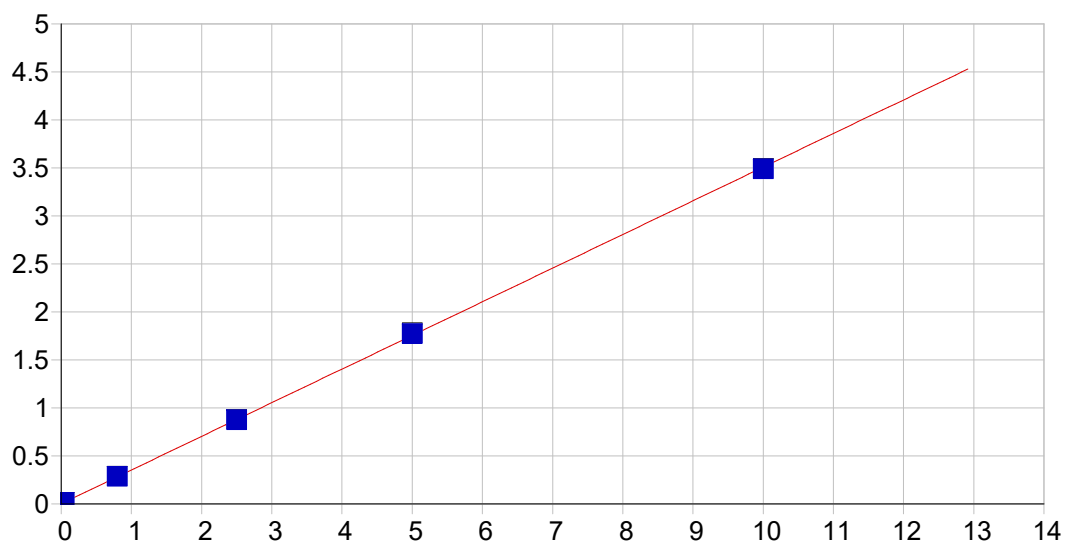


**Sn 189.989 {478}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000  
 A1 (Gain): 0.091867 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999770 Status: OK.  
 Std Error of Est: 0.000065  
 Predicted MDL: 0.002175  
 Predicted MQL: 0.007249

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .04000       | .03999      | -.000      | -.032   | .00371 | .000    | 1        |
| S3        | 2.5000       | 2.3853      | -.115      | -4.59   | .21899 | .001    | 1        |
| S4        | 5.0000       | 5.0134      | .013       | .269    | .46024 | .008    | 1        |
| S5        | 10.000       | 10.134      | .134       | 1.34    | .93029 | .035    | 1        |
| S2        | .80000       | .76728      | -.033      | -4.09   | .07047 | .000    | 1        |

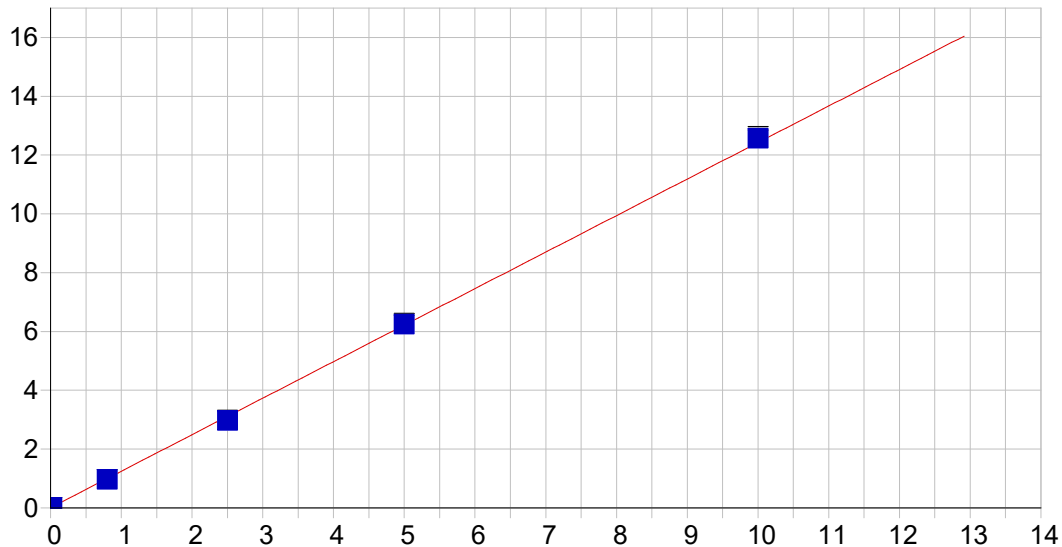


**Ti 336.121 {100}**

Date of Fit: 01/31/2024 10:47:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002327 Re-Slope: 1.000000  
A1 (Gain): 0.350522 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999973 Status: OK.  
Std Error of Est: 0.000086  
Predicted MDL: 0.001369  
Predicted MQL: 0.004564

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00233 | .000    | 1        |
| S1        | .04000       | .03953      | -.000      | -1.18   | .01617 | .000    | 1        |
| S3        | 2.5000       | 2.4903      | -.010      | -.389   | .87493 | .002    | 1        |
| S4        | 5.0000       | 5.0539      | .054       | 1.08    | 1.7732 | .007    | 1        |
| S5        | 10.000       | 9.9472      | -.053      | -.528   | 3.4879 | .002    | 1        |
| S2        | .80000       | .80910      | .009       | 1.14    | .28584 | .000    | 1        |



Li 670.784 { 50}

Date of Fit: 01/31/2024 10:47:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005487

Re-Slope: 1.000000

A1 (Gain): 1.242124

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999798

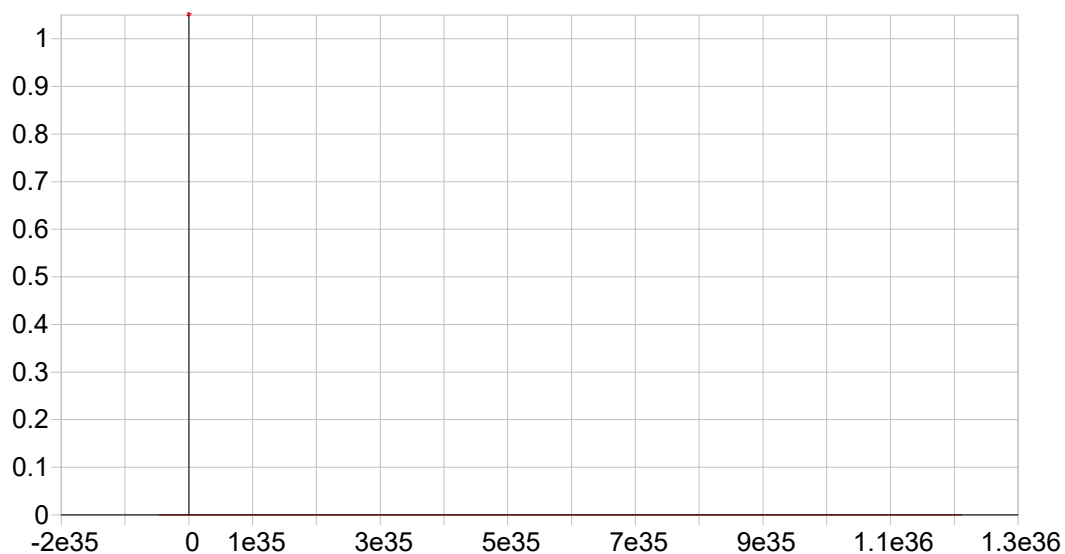
Status: OK.

Std Error of Est: 0.000585

Predicted MDL: 0.001653

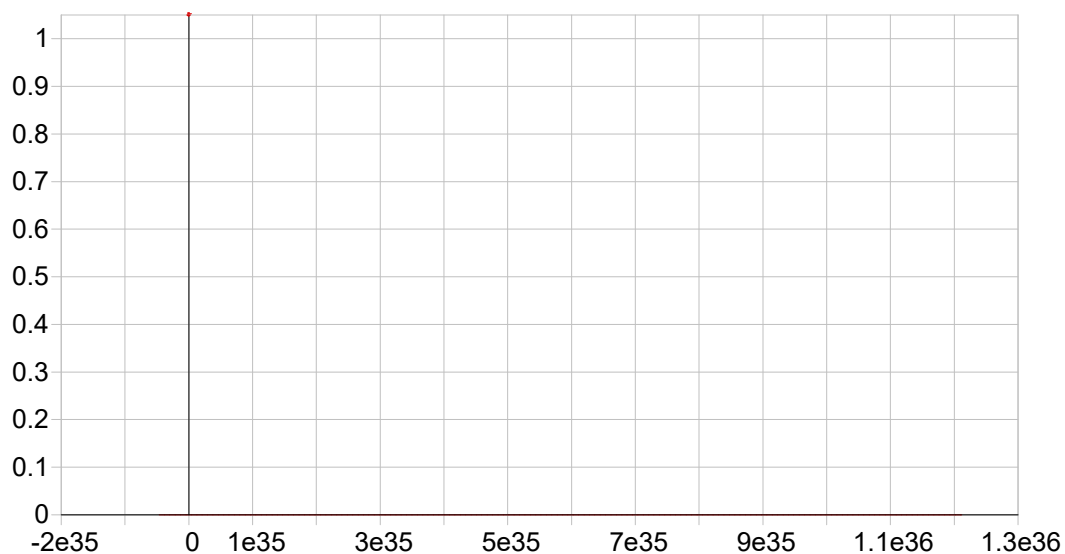
Predicted MQL: 0.005511

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00549 | .002    | 1        |
| S5        | 10.000       | 10.116      | .116       | 1.16    | 12.573 | .058    | 1        |
| S4        | 5.0000       | 5.0238      | .024       | .477    | 6.2469 | .037    | 1        |
| S3        | 2.5000       | 2.3911      | -.109      | -4.36   | 2.9762 | .010    | 1        |
| S1        | .02000       | .01824      | -.002      | -8.79   | .02817 | .002    | 1        |
| S2        | .80000       | .77108      | -.029      | -3.62   | .96346 | .001    | 1        |



**Y 224.306 {150}\***

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



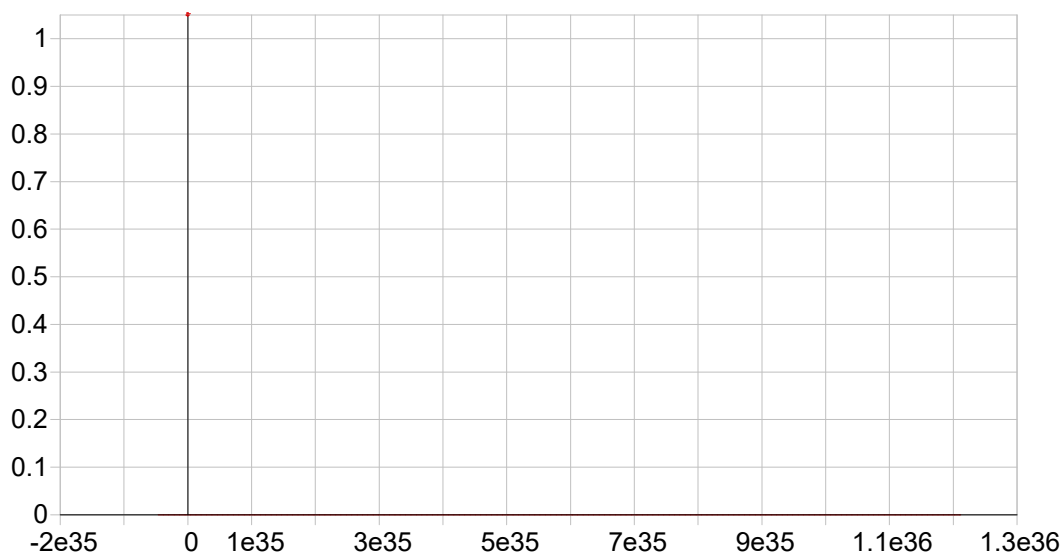
Y 224.306 {450}\*

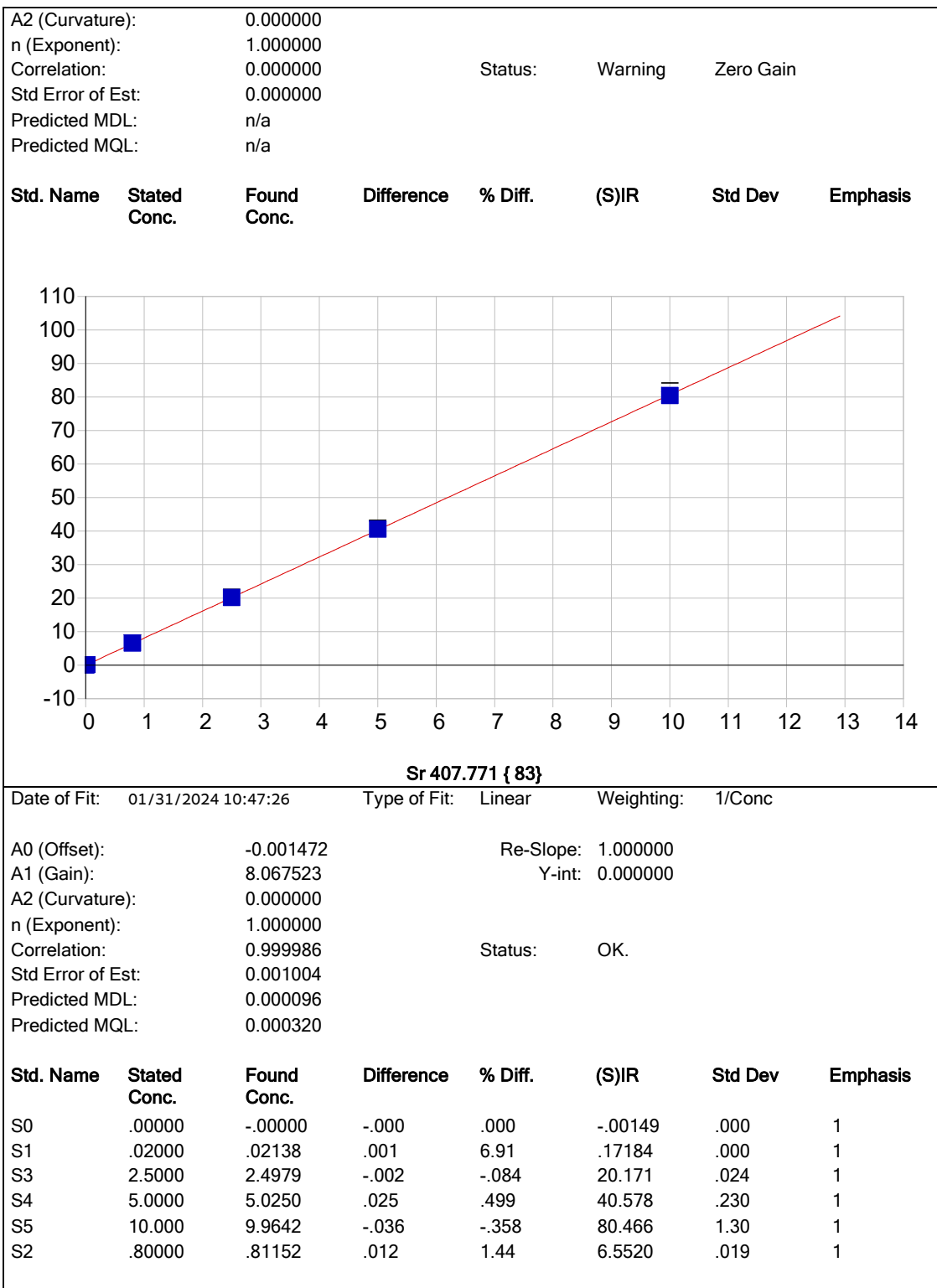
|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  | Re-Slope:    | 1.000000 |            |  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





Y 371.030 { 91}\*





Sample Name: S0      Acquired: 01/31/2024 10:13:44      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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    | -.00021 | -.00021 | .00054 | -.00011 | -.00012 | -.00298 | .00697 | -.00100 |
| Stddev | .00024  | .00013  | .00042 | .00007  | .00028  | .00043  | .00211 | .00017  |
| %RSD   | 115.95  | 62.568  | 78.056 | 64.804  | 227.05  | 14.309  | 30.223 | 17.232  |

|    |         |         |        |         |         |         |        |         |
|----|---------|---------|--------|---------|---------|---------|--------|---------|
| #1 | -.00048 | -.00030 | .00050 | -.00004 | -.00005 | -.00334 | .00780 | -.00094 |
| #2 | -.00005 | -.00006 | .00013 | -.00019 | .00012  | -.00251 | .00458 | -.00086 |
| #3 | -.00009 | -.00027 | .00097 | -.00010 | -.00043 | -.00310 | .00854 | -.00119 |

|        |        |        |        |         |        |        |        |         |
|--------|--------|--------|--------|---------|--------|--------|--------|---------|
| 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    | .00063 | .00323 | .00005 | -.00076 | .00082 | .00000 | .00016 | -.00004 |
| Stddev | .00020 | .00023 | .00006 | .00025  | .00035 | .00024 | .00040 | .00015  |
| %RSD   | 31.645 | 7.1375 | 129.09 | 32.761  | 41.992 | 17178. | 245.77 | 407.45  |

|    |        |        |         |         |        |         |         |         |
|----|--------|--------|---------|---------|--------|---------|---------|---------|
| #1 | .00040 | .00297 | .00008  | -.00102 | .00104 | -.00022 | -.00021 | -.00007 |
| #2 | .00076 | .00341 | .00009  | -.00052 | .00042 | .00025  | .00011  | .00013  |
| #3 | .00072 | .00331 | -.00002 | -.00073 | .00101 | -.00003 | .00059  | -.00016 |

|        |         |         |         |         |         |        |         |        |
|--------|---------|---------|---------|---------|---------|--------|---------|--------|
| 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    | -.00019 | -.00116 | -.01008 | -.00025 | -.00053 | .02923 | -.00113 | .00272 |
| Stddev | .00012  | .00012  | .00102  | .00016  | .00054  | .00190 | .00013  | .00042 |
| %RSD   | 60.159  | 10.786  | 10.152  | 64.473  | 102.44  | 6.4920 | 11.557  | 15.479 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00017 | -.00113 | -.00891 | -.00031 | -.00066 | .02773 | -.00098 | .00234 |
| #2 | -.00009 | -.00104 | -.01080 | -.00037 | .00007  | .02860 | -.00117 | .00265 |
| #3 | -.00032 | -.00129 | -.01054 | -.00007 | -.00099 | .03136 | -.00123 | .00317 |

|        |         |        |        |        |        |        |         |  |
|--------|---------|--------|--------|--------|--------|--------|---------|--|
| 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    | -.00039 | .00024 | .00737 | .00004 | .00233 | .00549 | -.00149 |  |
| Stddev | .00017  | .00011 | .00041 | .00008 | .00048 | .00217 | .00046  |  |
| %RSD   | 44.316  | 44.290 | 5.5512 | 217.48 | 20.745 | 39.541 | 31.054  |  |

|    |         |        |        |         |        |        |         |  |
|----|---------|--------|--------|---------|--------|--------|---------|--|
| #1 | -.00020 | .00012 | .00766 | .00001  | .00288 | .00517 | -.00182 |  |
| #2 | -.00044 | .00030 | .00690 | .00013  | .00213 | .00350 | -.00167 |  |
| #3 | -.00053 | .00032 | .00756 | -.00003 | .00197 | .00780 | -.00096 |  |

Sample Name: S0      Acquired: 01/31/2024 10:13:44      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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       | 1253.0 | 1572.5 | 53632. | 6695.1 | 1771.9 |
| Stddev    | 7.7    | 30.8   | 107.   | 26.0   | 32.0   |
| %RSD      | .61412 | 1.9557 | .19957 | .38887 | 1.8057 |
| #1        | 1254.7 | 1592.4 | 53674. | 6708.1 | 1793.0 |
| #2        | 1244.6 | 1587.9 | 53511. | 6712.1 | 1787.6 |
| #3        | 1259.7 | 1537.1 | 53712. | 6665.1 | 1735.1 |

Sample Name: S1      Acquired: 01/31/2024 10:17:47      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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    | .00052 | .00214 | .00251 | .00029 | .00520 | .00748 | .46466 | .01949 |
| Stddev | .00008 | .00008 | .00025 | .00020 | .00046 | .00063 | .00307 | .00032 |
| %RSD   | 15.187 | 3.6645 | 9.8936 | 70.561 | 8.8090 | 8.3841 | .65983 | 1.6593 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00057 | .00210 | .00243 | .00020 | .00549 | .00777 | .46241 | .01986 |
| #2 | .00043 | .00223 | .00231 | .00014 | .00544 | .00791 | .46815 | .01928 |
| #3 | .00055 | .00210 | .00279 | .00052 | .00467 | .00676 | .46342 | .01932 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01750 | .12100 | .00152 | .02011 | .00339 | .00292 | .01070 | .02109 |
| Stddev | .00015 | .00094 | .00002 | .00030 | .00009 | .00020 | .00017 | .00026 |
| %RSD   | .87841 | .77674 | 1.2871 | 1.5104 | 2.7340 | 6.7087 | 1.5464 | 1.2502 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01766 | .12117 | .00154 | .01977 | .00349 | .00271 | .01089 | .02138 |
| #2 | .01735 | .12184 | .00151 | .02025 | .00335 | .00294 | .01057 | .02088 |
| #3 | .01748 | .11999 | .00151 | .02033 | .00332 | .00310 | .01065 | .02100 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .02449 | .00239 | .00527 | .00394 | .06832 | .08612 | -.00048 | .03348 |
| Stddev | .00011 | .00004 | .00084 | .00012 | .00020 | .00082 | .00015  | .00027 |
| %RSD   | .46530 | 1.6476 | 15.871 | 2.9785 | .29934 | .95245 | 31.027  | .80638 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .02447 | .00242 | .00601 | .00387 | .06831 | .08602 | -.00041 | .03380 |
| #2 | .02461 | .00241 | .00436 | .00387 | .06812 | .08698 | -.00038 | .03331 |
| #3 | .02439 | .00235 | .00545 | .00407 | .06853 | .08535 | -.00065 | .03335 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .10110 | .00063 | .10799 | .00371 | .01617 | .02817 | .17184 |
| Stddev | .00024 | .00005 | .00076 | .00019 | .00009 | .00218 | .00012 |
| %RSD   | .23692 | 7.5801 | .70231 | 5.1404 | .55805 | 7.7442 | .07261 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10114 | .00062 | .10810 | .00389 | .01621 | .02876 | .17171 |
| #2 | .10084 | .00068 | .10868 | .00351 | .01607 | .02576 | .17196 |
| #3 | .10132 | .00059 | .10718 | .00373 | .01624 | .03000 | .17185 |

Sample Name: S1      Acquired: 01/31/2024 10:17:47      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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       | 1251.3 | 1601.2 | 53492. | 6712.0 | 1778.0 |
| Stddev    | 2.4    | 2.8    | 124.   | 38.5   | 3.2    |
| %RSD      | .19018 | .17406 | .23201 | .57383 | .17837 |
| #1        | 1248.6 | 1601.1 | 53373. | 6692.9 | 1781.2 |
| #2        | 1252.7 | 1598.4 | 53482. | 6686.8 | 1778.0 |
| #3        | 1252.7 | 1604.0 | 53620. | 6756.4 | 1774.9 |

Sample Name: S2      Acquired: 01/31/2024 10:21:50      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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    | .02154 | .04551 | .13874 | .01929 | .08446 | .15343 | 7.3809 | .13754 |
| Stddev | .00006 | .00026 | .00093 | .00023 | .00054 | .00094 | .0179  | .00099 |
| %RSD   | .29421 | .57158 | .67229 | 1.1717 | .64290 | .61009 | .24268 | .72303 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02161 | .04527 | .13798 | .01955 | .08385 | .15358 | 7.4015 | .13866 |
| #2 | .02151 | .04548 | .13847 | .01914 | .08463 | .15429 | 7.3708 | .13676 |
| #3 | .02150 | .04579 | .13978 | .01918 | .08489 | .15243 | 7.3702 | .13721 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.0793 | .23752 | .02541 | .28504 | .02451 | .02202 | .21771 | .04046 |
| Stddev | .0011  | .00027 | .00003 | .00068 | .00042 | .00007 | .00122 | .00015 |
| %RSD   | .10561 | .11454 | .13762 | .23807 | 1.7015 | .30940 | .55851 | .38014 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0781 | .23769 | .02544 | .28445 | .02477 | .02200 | .21772 | .04042 |
| #2 | 1.0794 | .23720 | .02537 | .28490 | .02474 | .02209 | .21650 | .04032 |
| #3 | 1.0804 | .23766 | .02542 | .28578 | .02403 | .02196 | .21893 | .04062 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .24828 | .06793 | .02091 | .04347 | .66689 | .14162 | .03051 | .24668 |
| Stddev | .00111 | .00037 | .00088 | .00025 | .00317 | .00003 | .00028 | .00160 |
| %RSD   | .44620 | .55188 | 4.1960 | .57001 | .47469 | .02316 | .90645 | .64739 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24956 | .06762 | .02036 | .04347 | .66796 | .14164 | .03060 | .24829 |
| #2 | .24770 | .06782 | .02045 | .04371 | .66333 | .14158 | .03020 | .24665 |
| #3 | .24759 | .06835 | .02192 | .04322 | .66939 | .14163 | .03072 | .24510 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .37894 | .01478 | .22925 | .07047 | .28584 | .96346 | 6.5520 |  |
| Stddev | .00099 | .00006 | .00082 | .00029 | .00034 | .00132 | .0192  |  |
| %RSD   | .26240 | .43215 | .35805 | .40601 | .11782 | .13702 | .29295 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .37835 | .01484 | .23016 | .07057 | .28590 | .96263 | 6.5381 |  |
| #2 | .37838 | .01480 | .22856 | .07014 | .28547 | .96276 | 6.5739 |  |
| #3 | .38009 | .01471 | .22905 | .07069 | .28614 | .96498 | 6.5439 |  |

Sample Name: S2      Acquired: 01/31/2024 10:21:50      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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       | 1257.2 | 1597.0 | 53229. | 6673.1 | 1743.6 |
| Stddev    | 6.6    | 3.4    | 282.   | 5.5    | 1.5    |
| %RSD      | .52529 | .21289 | .52891 | .08274 | .08386 |
| #1        | 1262.1 | 1594.9 | 53554. | 6667.6 | 1742.0 |
| #2        | 1259.9 | 1600.9 | 53057. | 6673.0 | 1744.0 |
| #3        | 1249.7 | 1595.3 | 53076. | 6678.7 | 1744.9 |

Sample Name: S3      Acquired: 01/31/2024 10:25:46      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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    | .06679 | .14150 | .42852 | .05975 | .25985 | .47063 | 22.429 | .41948 |
| Stddev | .00019 | .00106 | .00079 | .00026 | .00081 | .00176 | .101   | .00118 |
| %RSD   | .28263 | .75103 | .18523 | .44122 | .31078 | .37497 | .44817 | .28157 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06700 | .14044 | .42840 | .05999 | .25892 | .47240 | 22.318 | .42069 |
| #2 | .06664 | .14151 | .42780 | .05947 | .26036 | .47062 | 22.514 | .41942 |
| #3 | .06671 | .14257 | .42937 | .05979 | .26027 | .46887 | 22.454 | .41833 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.3561 | .71165 | .07404 | .89176 | .07375 | .06354 | .66055 | .12161 |
| Stddev | .0083  | .00315 | .00010 | .00221 | .00025 | .00059 | .00517 | .00047 |
| %RSD   | .24586 | .44254 | .13590 | .24755 | .34416 | .92236 | .78290 | .38785 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3494 | .70832 | .07414 | .89095 | .07383 | .06287 | .65600 | .12107 |
| #2 | 3.3536 | .71204 | .07394 | .89007 | .07347 | .06380 | .66618 | .12196 |
| #3 | 3.3653 | .71458 | .07404 | .89426 | .07395 | .06395 | .65949 | .12180 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .75459 | .21080 | .08328 | .13368 | 1.9830 | .38845 | .10078 | .75180 |
| Stddev | .00130 | .00127 | .00170 | .00076 | .0046  | .00123 | .00066 | .00319 |
| %RSD   | .17214 | .60082 | 2.0395 | .56714 | .23460 | .31556 | .65235 | .42409 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75366 | .21221 | .08204 | .13443 | 1.9874 | .38765 | .10021 | .75348 |
| #2 | .75404 | .20977 | .08522 | .13370 | 1.9781 | .38785 | .10062 | .74812 |
| #3 | .75608 | .21042 | .08259 | .13291 | 1.9835 | .38987 | .10150 | .75380 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.1460 | .04700 | .67875 | .21899 | .87493 | 2.9762 | 20.171 |
| Stddev | .0032  | .00044 | .00149 | .00063 | .00200 | .0104  | .024   |
| %RSD   | .27813 | .94141 | .21967 | .28993 | .22849 | .34915 | .12062 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1424 | .04686 | .67854 | .21908 | .87603 | 2.9643 | 20.190 |
| #2 | 1.1486 | .04663 | .67738 | .21831 | .87613 | 2.9835 | 20.143 |
| #3 | 1.1471 | .04749 | .68034 | .21957 | .87262 | 2.9808 | 20.179 |

Sample Name: S3      Acquired: 01/31/2024 10:25:46      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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       | 1228.4 | 1580.7 | 52008. | 6632.3 | 1670.3 |
| Stddev    | 5.9    | 2.0    | 118.   | 21.7   | 2.0    |
| %RSD      | .48281 | .12853 | .22652 | .32754 | .11833 |
| #1        | 1222.7 | 1582.5 | 51882. | 6607.2 | 1669.6 |
| #2        | 1228.2 | 1578.5 | 52027. | 6645.2 | 1672.5 |
| #3        | 1234.5 | 1581.0 | 52115. | 6644.5 | 1668.7 |

Sample Name: S4      Acquired: 01/31/2024 10:29:36      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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    | .14023 | .29629 | .90232 | .12455 | .52908 | .94935 | 45.812 | .83727 |
| Stddev | .00245 | .00372 | .01783 | .00250 | .01202 | .00443 | .360   | .00515 |
| %RSD   | 1.7471 | 1.2546 | 1.9761 | 2.0112 | 2.2714 | .46705 | .78490 | .61527 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .13790 | .29265 | .88467 | .12240 | .51745 | .94910 | 45.971 | .84002 |
| #2 | .14278 | .30008 | .92033 | .12730 | .54145 | .94505 | 45.400 | .83132 |
| #3 | .14000 | .29615 | .90196 | .12394 | .52833 | .95390 | 46.064 | .84045 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 7.0549 | 1.4381 | .14881 | 1.8745 | .14666 | .12754 | 1.3316 | .24634 |
| Stddev | .1399  | .0094  | .00045 | .0416  | .00053 | .00070 | .0111  | .00171 |
| %RSD   | 1.9832 | .65449 | .30324 | 2.2200 | .36208 | .54865 | .82953 | .69244 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.9226 | 1.4408 | .14922 | 1.8354 | .14698 | .12755 | 1.3359 | .24612 |
| #2 | 7.2014 | 1.4276 | .14887 | 1.9182 | .14605 | .12684 | 1.3190 | .24475 |
| #3 | 7.0408 | 1.4459 | .14832 | 1.8699 | .14695 | .12824 | 1.3398 | .24814 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.5723 | .42697 | .17984 | .27086 | 3.9823 | .76781 | .21552 | 1.5230 |
| Stddev | .0353  | .00378 | .00131 | .00117 | .0342  | .00417 | .00363 | .0110  |
| %RSD   | 2.2428 | .88569 | .73031 | .43173 | .85928 | .54265 | 1.6846 | .72077 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.5422 | .43076 | .18085 | .27066 | 3.9573 | .76520 | .21204 | 1.5342 |
| #2 | 1.6111 | .42696 | .18032 | .26981 | 4.0213 | .76562 | .21928 | 1.5123 |
| #3 | 1.5636 | .42320 | .17836 | .27212 | 3.9684 | .77262 | .21524 | 1.5225 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 2.3820 | .10140 | 1.4529 | .46024 | 1.7732 | 6.2469 | 40.578 |  |
| Stddev | .0560  | .00164 | .0086  | .00818 | .0069  | .0368  | .230   |  |
| %RSD   | 2.3512 | 1.6165 | .58890 | 1.7764 | .38660 | .58909 | .56588 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.3318 | .09982 | 1.4511 | .45207 | 1.7745 | 6.2760 | 40.435 |  |
| #2 | 2.4424 | .10309 | 1.4454 | .46842 | 1.7658 | 6.2056 | 40.456 |  |
| #3 | 2.3717 | .10130 | 1.4622 | .46023 | 1.7793 | 6.2592 | 40.843 |  |

Sample Name: S4      Acquired: 01/31/2024 10:29:36      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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       | 1203.7 | 1524.7 | 51130. | 6598.2 | 1568.6 |
| Stddev    | 10.5   | 32.3   | 402.   | 47.3   | 28.0   |
| %RSD      | .86875 | 2.1160 | .78690 | .71682 | 1.7843 |
| #1        | 1206.2 | 1553.2 | 50716. | 6546.2 | 1593.8 |
| #2        | 1192.2 | 1489.6 | 51153. | 6638.8 | 1538.4 |
| #3        | 1212.7 | 1531.2 | 51520. | 6609.5 | 1573.5 |

Sample Name: S5      Acquired: 01/31/2024 10:33:34      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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    | .27827 | .58974 | 1.8215 | .24715 | 1.0546 | 1.8844 | 87.872 | 1.6298 |
| Stddev | .00784 | .02110 | .0666  | .00911 | .0415  | .0024  | 1.567  | .0168  |
| %RSD   | 2.8184 | 3.5770 | 3.6573 | 3.6874 | 3.9378 | .12805 | 1.7833 | 1.0304 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .27235 | .57309 | 1.7696 | .24027 | 1.0265 | 1.8818 | 88.645 | 1.6182 |
| #2 | .28716 | .61346 | 1.8966 | .25749 | 1.1023 | 1.8866 | 88.902 | 1.6490 |
| #3 | .27529 | .58268 | 1.7983 | .24370 | 1.0350 | 1.8849 | 86.068 | 1.6221 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 14.164 | 2.8120 | .29100 | 3.7786 | .28613 | .24973 | 2.6078 | .48372 |
| Stddev | .531   | .0089  | .00044 | .1446  | .00094 | .00157 | .0134  | .00303 |
| %RSD   | 3.7464 | .31796 | .15126 | 3.8272 | .32866 | .62968 | .51389 | .62649 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 13.780 | 2.8197 | .29089 | 3.6753 | .28666 | .24891 | 2.6169 | .48248 |
| #2 | 14.770 | 2.8141 | .29149 | 3.9439 | .28669 | .25154 | 2.6141 | .48718 |
| #3 | 13.943 | 2.8022 | .29063 | 3.7167 | .28505 | .24873 | 2.5924 | .48151 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.1440 | .84609 | .36359 | .53486 | 7.7129 | 1.5151 | .44515 | 2.9609 |
| Stddev | .1137  | .00278 | .00196 | .00209 | .0021  | .0012  | .01632 | .0230  |
| %RSD   | 3.6169 | .32833 | .54004 | .39091 | .02737 | .08203 | 3.6665 | .77827 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0683 | .84290 | .36584 | .53671 | 7.7147 | 1.5152 | .43238 | 2.9477 |
| #2 | 3.2748 | .84797 | .36225 | .53527 | 7.7106 | 1.5164 | .46354 | 2.9875 |
| #3 | 3.0889 | .84739 | .36267 | .53259 | 7.7134 | 1.5139 | .43954 | 2.9476 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 4.6707 | .20980 | 2.8914 | .93029 | 3.4879 | 12.573 | 80.466 |  |
| Stddev | .1680  | .00733 | .0296  | .03532 | .0016  | .058   | 1.303  |  |
| %RSD   | 3.5973 | 3.4962 | 1.0251 | 3.7963 | .04691 | .46094 | 1.6187 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 4.5509 | .20390 | 2.8642 | .90657 | 3.4887 | 12.623 | 78.974 |  |
| #2 | 4.8628 | .21801 | 2.9229 | .97088 | 3.4889 | 12.586 | 81.376 |  |
| #3 | 4.5985 | .20748 | 2.8870 | .91342 | 3.4860 | 12.510 | 81.048 |  |

Sample Name: S5      Acquired: 01/31/2024 10:33:34      Type: Cal  
Method: NON EPA-6010-200.7(v186)      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       | 1182.3 | 1474.6 | 49783. | 6543.4 | 1468.7 |
| Stddev    | 3.1    | 49.8   | 72.    | 42.3   | 49.4   |
| %RSD      | .26303 | 3.3804 | .14395 | .64608 | 3.3607 |
| #1        | 1178.8 | 1511.2 | 49701. | 6548.7 | 1505.1 |
| #2        | 1184.6 | 1417.8 | 49836. | 6498.7 | 1412.5 |
| #3        | 1183.6 | 1494.8 | 49810. | 6582.7 | 1488.6 |

Sample Name: ICV01      Acquired: 01/31/2024 10:58:43      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | .9644795 | 1.008890 | .9745006 | 1.023912 | .9600606 | 2.579280 |
| Stddev | .0131889 | .010413  | .0038392 | .018958  | .0064340 | .007282  |
| %RSD   | 1.367460 | 1.032098 | .3939672 | 1.851568 | .6701634 | .2823319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9777889 | 1.003194 | .9752137 | 1.012017 | .9671424 | 2.585017 |
| #2 | .9642350 | 1.002569 | .9779333 | 1.013945 | .9584647 | 2.571087 |
| #3 | .9514145 | 1.020909 | .9703549 | 1.045775 | .9545748 | 2.581735 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5057122 | .5145540 | .4859289 | 9.942222 | .5043872 | .5050377 |
| Stddev | .0013323 | .0026937 | .0014582 | .033881  | .0017494 | .0014509 |
| %RSD   | .2634453 | .5235017 | .3000750 | .3407839 | .3468266 | .2872947 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5071258 | .5116619 | .4842492 | 9.909783 | .5035053 | .5034174 |
| #2 | .5055310 | .5169914 | .4866688 | 9.977382 | .5032542 | .5054788 |
| #3 | .5044798 | .5150088 | .4868688 | 9.939501 | .5064019 | .5062169 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5221218 | 10.32493 | .5247478 | 5.875975 | .5488851 | .2544537 |
| Stddev | .0021180 | .07351   | .0037289 | .081103  | .0030743 | .0002680 |
| %RSD   | .4056427 | .7120082 | .7106109 | 1.380241 | .5601058 | .1053088 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5231952 | 10.25122 | .5206291 | 5.800982 | .5455619 | .2547339 |
| #2 | .5196821 | 10.39825 | .5257203 | 5.962048 | .5494653 | .2542000 |
| #3 | .5234881 | 10.32532 | .5278942 | 5.864895 | .5516279 | .2544273 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.921107 | .4933208 | 1.000419 | 9.768690 | F -.012787 | F 2.074313 |
| Stddev | .068894  | .0019896 | .002777  | .062979  | .004341    | .008301    |
| %RSD   | .6944184 | .4033137 | .2776158 | .6446982 | 33.94560   | .4001953   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.900159 | .4912006 | 1.000844 | 9.809259 | -.008809 | 2.065567 |
| #2 | 9.998043 | .4951471 | 1.002960 | 9.696138 | -.012137 | 2.075290 |
| #3 | 9.865118 | .4936146 | .997454  | 9.800673 | -.017417 | 2.082083 |

Sample Name: ICV01      Acquired: 01/31/2024 10:58:43      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | F 1.910410 | F -.014732 | F 1.765261 | F 1.863104 | F 2.045780 | F -.002877 |
| Stddev | .004107    | .003572    | .013525    | .005359    | .006353    | .001450    |
| %RSD   | .2149631   | 24.24772   | .7661677   | .2876253   | .3105481   | 50.40055   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.909050 | -.010695 | 1.749657 | 1.859456 | 2.041797 | -.002087 |
| #2 | 1.907155 | -.016014 | 1.773622 | 1.860600 | 2.042437 | -.001994 |
| #3 | 1.915024 | -.017486 | 1.772504 | 1.869257 | 2.053107 | -.004551 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.008919 |
| Stddev | .000080    |
| %RSD   | .9003515   |

|    |          |
|----|----------|
| #1 | -.008827 |
| #2 | -.008975 |
| #3 | -.008955 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1202.966 | 1579.155 | 51367.52 | 6457.604 | 1681.792 |
| Stddev    | 6.178    | 6.507    | 84.97    | 20.577   | 4.464    |
| %RSD      | .5135239 | .4120417 | .1654169 | .3186401 | .2654582 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1199.270 | 1572.094 | 51277.70 | 6476.481 | 1679.429 |
| #2 | 1199.531 | 1580.463 | 51378.23 | 6435.670 | 1679.006 |
| #3 | 1210.098 | 1584.909 | 51446.63 | 6460.661 | 1686.942 |

Sample Name: LLICV01      Acquired: 01/31/2024 11:03:07      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | .0213977 | .0404466 | .0132502 | .0237216 | .0496273 | .1178822 |
| Stddev | .0019389 | .0022079 | .0007425 | .0069119 | .0014958 | .0043904 |
| %RSD   | 9.061155 | 5.458769 | 5.603973 | 29.13765 | 3.014112 | 3.724368 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0222122 | .0393019 | .0123970 | .0250683 | .0510839 | .1189426 |
| #2 | .0191844 | .0429918 | .0136032 | .0298610 | .0480951 | .1130588 |
| #3 | .0227964 | .0390462 | .0137503 | .0162354 | .0497030 | .1216453 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1021775 | .0064487 | .0059344 | 2.087164 | .0097191 | .0283543 |
| Stddev | .0002550 | .0000945 | .0000247 | .004040  | .0005415 | .0004082 |
| %RSD   | .2495993 | 1.465954 | .4157410 | .1935704 | 5.571744 | 1.439593 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1024130 | .0063456 | .0059319 | 2.083567 | .0103226 | .0285273 |
| #2 | .1022128 | .0064691 | .0059111 | 2.091535 | .0092756 | .0278881 |
| #3 | .1019066 | .0065313 | .0059602 | 2.086391 | .0095590 | .0286475 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0228719 | .1157177 | .0218065 | 2.256132 | .0382488 | .0111368 |
| Stddev | .0055683 | .0062023 | .0001846 | .071333  | .0016271 | .0002032 |
| %RSD   | 24.34541 | 5.359882 | .8463462 | 3.161759 | 4.253887 | 1.824594 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0168712 | .1123548 | .0216490 | 2.264707 | .0400308 | .0109574 |
| #2 | .0278720 | .1228752 | .0220096 | 2.322790 | .0368423 | .0110954 |
| #3 | .0238726 | .1119232 | .0217608 | 2.180898 | .0378733 | .0113575 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.875884 | .0360650 | .0429596 | 1.985548 | .0167162 | .1124899 |
| Stddev | .134854  | .0030321 | .0004145 | .018175  | .0032803 | .0002524 |
| %RSD   | 7.188811 | 8.407362 | .9649106 | .9153493 | 19.62368 | .2243688 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.866284 | .0359705 | .0425181 | 2.005483 | .0165325 | .1126668 |
| #2 | 1.746087 | .0330813 | .0430203 | 1.981263 | .0200846 | .1126020 |
| #3 | 2.015282 | .0391433 | .0433405 | 1.969899 | .0135316 | .1122009 |

Sample Name: LLICV01      Acquired: 01/31/2024 11:03:07      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | <b>.2098403</b> | <b>F .0109780</b> | <b>.3658788</b> | <b>.0390742</b> | <b>.0420483</b> | <b>.0217353</b> |
| Stddev | .0005487        | .0051105          | .0029231        | .0016369        | .0014398        | .0003914        |
| %RSD   | .2614863        | 46.55230          | .7989128        | 4.189121        | 3.424266        | 1.800724        |
| #1     | .2092103        | .0129857          | .3627431        | .0409643        | .0432615        | .0218783        |
| #2     | .2102136        | .0147798          | .3663651        | .0381190        | .0424262        | .0220352        |
| #3     | .2100970        | .0051685          | .3685282        | .0381394        | .0404572        | .0212926        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0222252</b> |
| Stddev | .0000824        |
| %RSD   | .3706790        |
| #1     | .0223156        |
| #2     | .0222057        |
| #3     | .0221543        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1216.982</b> | <b>1595.786</b> | <b>51985.33</b> | <b>6487.787</b> | <b>1746.013</b> |
| Stddev    | 6.286           | 7.339           | 194.71          | 21.300          | 4.361           |
| %RSD      | .5164949        | .4599255        | .3745553        | .3283046        | .2497741        |
| #1        | 1210.781        | 1587.318        | 51790.44        | 6480.850        | 1741.028        |
| #2        | 1216.817        | 1600.320        | 51985.67        | 6470.820        | 1747.887        |
| #3        | 1223.349        | 1599.720        | 52179.86        | 6511.690        | 1749.123        |

Sample Name: ICB01      Acquired: 01/31/2024 11:07:09      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018590 | .0035558 | -.002086 | .0019376 | .0010328 | .0018253 | -.000108 |
| Stddev | .0094985 | .0004445 | .001553  | .0087631 | .0008147 | .0024042 | .000428  |
| %RSD   | 510.9311 | 12.50210 | 74.46264 | 452.2559 | 78.88229 | 131.7137 | 395.5016 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009995 | .0037281 | -.002813 | .0111877 | .0002895 | .0043523 | -.000367 |
| #2 | -.007180 | .0038883 | -.003142 | .0008648 | .0019037 | -.000434 | .000386  |
| #3 | .011758  | .0030509 | -.000302 | -.006240 | .0009051 | .001557  | -.000344 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000253 | -.000069 | -.011488 | -.000345 | -.000077 | -.001430 | .0159608 |
| Stddev | .0000514 | .000104  | .005819  | .000078  | .000278  | .002434  | .0064445 |
| %RSD   | 203.6557 | 150.3592 | 50.64795 | 22.55033 | 361.0862 | 170.1741 | 40.37714 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000023 | -.000157 | -.005649 | -.000431 | -.000248 | .000129  | .0131270 |
| #2 | .000019  | .000046  | -.017286 | -.000325 | -.000226 | -.004235 | .0233366 |
| #3 | .000080  | -.000097 | -.011530 | -.000279 | .000244  | -.000185 | .0114187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000333 | -.010579 | .0002595 | .0003152 | -.332599 | -.000583 | .0000816 |
| Stddev | .000533  | .011905  | .0006532 | .0002603 | .187480  | .001704  | .0004769 |
| %RSD   | 160.1653 | 112.5383 | 251.6720 | 82.58614 | 56.36806 | 292.0469 | 584.6835 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000585 | -.017933 | -.000402 | .0000167 | -.159567 | -.000606 | .0003381 |
| #2 | .000280  | -.016960 | .000276  | .0004951 | -.531781 | .001132  | .0003754 |
| #3 | -.000693 | .003157  | .000904  | .0004337 | -.306450 | -.002276 | -.000469 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001480 | -.004688 | .0030778 | .0003235 | -.006114 | -.007291 | .0002943 |
| Stddev | .018974  | .001803  | .0008894 | .0003426 | .004711  | .000738  | .0008393 |
| %RSD   | 1281.942 | 38.45341 | 28.89816 | 105.8878 | 77.04616 | 10.12234 | 285.1833 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .007428  | -.006479 | .0036875 | .0006401 | -.000719 | -.006835 | .0006897 |
| #2 | -.023269 | -.004710 | .0020572 | .0003705 | -.008214 | -.006897 | -.000670 |
| #3 | .011401  | -.002874 | .0034886 | -.000040 | -.009410 | -.008143 | .000863  |

Sample Name: ICB01      Acquired: 01/31/2024 11:07:09      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0011151 | -.000317 | -.000082 |
| Stddev | .0012807 | .001056  | .000039  |
| %RSD   | 114.8466 | 333.0909 | 46.98286 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0025603 | .000112  | -.000124 |
| #2 | .0001210 | -.001520 | -.000048 |
| #3 | .0006640 | .000457  | -.000074 |

| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1221.578 | 1591.910 | 51874.32 | 6381.950 | 1758.158 |
| Stddev    | 9.405    | 6.331    | 204.59   | 60.944   | 4.913    |
| %RSD      | .7698679 | .3977023 | .3944005 | .9549384 | .2794172 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1217.563 | 1584.889 | 51817.40 | 6311.830 | 1752.913 |
| #2 | 1214.847 | 1593.658 | 51704.22 | 6411.860 | 1758.909 |
| #3 | 1232.324 | 1597.184 | 52101.35 | 6422.160 | 1762.652 |

Sample Name: CRI01      Acquired: 01/31/2024 11:11:13      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0149214 | .0352042 | .0088214 | .0153483 | .0439168 | .1052067 |
| Stddev | .0061888 | .0036285 | .0014884 | .0075336 | .0010611 | .0039121 |
| %RSD   | 41.47641 | 10.30715 | 16.87297 | 49.08440 | 2.416097 | 3.718463 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0179580 | .0347295 | .0071040 | .0084819 | .0432230 | .1090645 |
| #2 | .0190054 | .0318363 | .0097375 | .0141561 | .0433891 | .1053131 |
| #3 | .0078007 | .0390467 | .0096228 | .0234070 | .0451382 | .1012426 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0917428 | .0056874 | .0050732 | 1.887670 | .0086473 | .0245104 |
| Stddev | .0011309 | .0001356 | .0000267 | .026507  | .0001713 | .0002836 |
| %RSD   | 1.232681 | 2.383439 | .5252410 | 1.404205 | 1.980778 | 1.156887 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0915187 | .0055309 | .0050585 | 1.878124 | .0086455 | .0247741 |
| #2 | .0929690 | .0057629 | .0050572 | 1.917628 | .0088194 | .0245466 |
| #3 | .0907408 | .0057684 | .0051040 | 1.867258 | .0084769 | .0242105 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0211725 | .0995641 | .0197765 | 1.989262 | .0335457 | .0098212 |
| Stddev | .0023471 | .0030969 | .0010404 | .026487  | .0001190 | .0002464 |
| %RSD   | 11.08542 | 3.110440 | 5.260890 | 1.331505 | .3546533 | 2.508622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0238501 | .1006883 | .0195973 | 1.963654 | .0334254 | .0099061 |
| #2 | .0194709 | .0960621 | .0208949 | 2.016548 | .0335482 | .0100139 |
| #3 | .0201966 | .1019419 | .0188374 | 1.987584 | .0336633 | .0095436 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.662202 | .0362369 | .0375907 | 1.840912 | F .0102369 | .0985934 |
| Stddev | .247380  | .0035783 | .0006499 | .022906  | .0028992   | .0022966 |
| %RSD   | 14.88265 | 9.874664 | 1.728971 | 1.244261 | 28.32123   | 2.329329 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.738446 | .0349158 | .0369503 | 1.857150 | .0122635 | .0966245 |
| #2 | 1.862485 | .0402878 | .0382497 | 1.850873 | .0115312 | .1011163 |
| #3 | 1.385675 | .0335069 | .0375721 | 1.814712 | .0069160 | .0980393 |

Sample Name: CRI01      Acquired: 01/31/2024 11:11:13      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1831232 | F .0124406 | .3234837 | .0345076 | .0376852 | .0180558 |
| Stddev | .0015967 | .0046673   | .0026005 | .0002755 | .0011014 | .0003246 |
| %RSD   | .8719187 | 37.51645   | .8039085 | .7983367 | 2.922665 | 1.797893 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1815335 | .0176964 | .3224728 | .0343835 | .0364842 | .0177286 |
| #2 | .1847268 | .0087805 | .3264378 | .0348233 | .0386480 | .0183778 |
| #3 | .1831094 | .0108448 | .3215404 | .0343159 | .0379235 | .0180610 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0196829 |
| Stddev | .0002644 |
| %RSD   | 1.343236 |

|    |          |
|----|----------|
| #1 | .0195467 |
| #2 | .0199876 |
| #3 | .0195143 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1206.803 | 1590.300 | 51392.57 | 6297.923 | 1742.480 |
| Stddev    | 3.426    | 2.450    | 145.09   | 60.861   | .189     |
| %RSD      | .2839190 | .1540637 | .2823110 | .9663729 | .0108223 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1210.751 | 1589.611 | 51241.78 | 6334.620 | 1742.531 |
| #2 | 1205.059 | 1588.268 | 51404.75 | 6227.670 | 1742.271 |
| #3 | 1204.600 | 1593.021 | 51531.19 | 6331.480 | 1742.638 |

Sample Name: ICSA01      Acquired: 01/31/2024 11:15:16      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | <b>-.001810</b> | <b>-.003125</b> | <b>.0017863</b> | <b>.0000928</b> | <b>.0005523</b> | <b>268.6428</b> |
| Stddev | .018264         | .006531         | .0030788        | .0036006        | .0016968        | .4109           |
| %RSD   | 1009.002        | 209.0278        | 172.3618        | 3880.189        | 307.2470        | .1529432        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .005212  | -.002100 | -.000727 | .0020424 | -.000146 | 268.5898 |
| #2 | .011901  | .002834  | .000866  | -.004062 | -.000684 | 268.2611 |
| #3 | -.022543 | -.010108 | .005220  | .002298  | .002487  | 269.0777 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0057552</b> | <b>.0011742</b> | <b>.0002566</b> | <b>251.1259</b> | <b>.0477750</b> | <b>-.003480</b> |
| Stddev | .0009218        | .0001836        | .0002872        | 1.2817          | .0004590        | .000134         |
| %RSD   | 16.01666        | 15.63302        | 111.9392        | .5103882        | .9607067        | 3.864453        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0061852 | .0013430 | .0002797 | 250.0382 | .0480633 | -.003447 |
| #2 | .0046970 | .0012009 | .0005315 | 250.8007 | .0472457 | -.003365 |
| #3 | .0063835 | .0009788 | -.000041 | 252.5389 | .0480159 | -.003628 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.012380</b> | <b>102.8888</b> | <b>.0144157</b> | <b>270.1442</b> | <b>-.004730</b> | <b>.0041223</b> |
| Stddev | .002677         | .4462           | .0015490        | 1.5434          | .000311         | .0001796        |
| %RSD   | 21.62442        | .4336349        | 10.74529        | .5713251        | 6.568642        | 4.357385        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.015460 | 102.5656 | .0148441 | 268.9427 | -.005047 | .0042113 |
| #2 | -.011069 | 102.7029 | .0157054 | 269.6052 | -.004716 | .0039155 |
| #3 | -.010611 | 103.3978 | .0126976 | 271.8849 | -.004426 | .0042400 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.181398</b> | <b>-.015707</b> | <b>.0015218</b> | <b>-.091565</b> | <b>-.019144</b> | <b>.0807429</b> |
| Stddev | .103828         | .000897         | .0011111        | .039080         | .006186         | .0011139        |
| %RSD   | 57.23777        | 5.712242        | 73.01131        | 42.68064        | 32.31457        | 1.379549        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.113747 | -.015066 | .0019134 | -.110363 | -.021101 | .0815470 |
| #2 | -.129503 | -.015323 | .0023841 | -.117694 | -.024114 | .0794714 |
| #3 | -.300942 | -.016732 | .0002679 | -.046638 | -.012216 | .0812102 |

Sample Name: ICSA01      Acquired: 01/31/2024 11:15:16      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | <b>-.001906</b> | <b>F -.023126</b> | <b>.0187201</b> | <b>-.001267</b> | <b>-.001768</b> | <b>-.019169</b> |
| Stddev | .000702         | .011542           | .0020036        | .002280         | .000269         | .000978         |
| %RSD   | 36.84201        | 49.90982          | 10.70295        | 179.8916        | 15.23712        | 5.100951        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001165 | -.025996 | .0193774 | .000871  | -.002051 | -.020216 |
| #2 | -.001990 | -.010419 | .0164704 | -.001007 | -.001741 | -.019011 |
| #3 | -.002562 | -.032962 | .0203124 | -.003666 | -.001514 | -.018280 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0056541</b> |
| Stddev | .0003504        |
| %RSD   | 6.197834        |

|    |          |
|----|----------|
| #1 | .0059841 |
| #2 | .0056920 |
| #3 | .0052863 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1095.851</b> | <b>1439.672</b> | <b>46055.87</b> | <b>6148.764</b> | <b>1399.223</b> |
| Stddev    | 5.973           | 3.736           | 287.01          | 8.486           | 3.892           |
| %RSD      | .5450232        | .2594938        | .6231720        | .1380124        | .2781895        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1096.742 | 1435.429 | 45950.52 | 6155.883 | 1396.147 |
| #2 | 1089.482 | 1442.464 | 45836.42 | 6151.036 | 1403.600 |
| #3 | 1101.327 | 1441.125 | 46380.66 | 6139.373 | 1397.924 |

Sample Name: ICSA01DLX20      Acquired: 01/31/2024 11:23:07      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | -.000428 | -.000461 | .0025636 | -.011359 | -.003288 | F 12.95088 |
| Stddev | .004467  | .001867  | .0019310 | .007482  | .001663  | .07168     |
| %RSD   | 1044.087 | 404.8780 | 75.32271 | 65.86838 | 50.59673 | .5534686   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001882 | -.002120 | .0023722 | -.002930 | -.001703 | 13.01918 |
| #2 | -.003986 | -.000824 | .0007355 | -.017214 | -.005020 | 12.87624 |
| #3 | .004585  | .001561  | .0045832 | -.013932 | -.003141 | 12.95721 |

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | -.000484 | .0000973 | -.000095 | F 12.52063 | F .0023466 | -.000737 |
| Stddev | .000188  | .0001033 | .000115  | .06149     | .0002528   | .000046  |
| %RSD   | 38.85917 | 106.1366 | 121.3382 | .4910724   | 10.77218   | 6.174114 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000447 | -.000017 | -.000151 | 12.55800 | .0020888 | -.000789 |
| #2 | -.000687 | .000125  | -.000171 | 12.44967 | .0025940 | -.000705 |
| #3 | -.000317 | .000184  | .000038  | 12.55424 | .0023572 | -.000717 |

|        |          |            |          |            |          |          |
|--------|----------|------------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      |
| Avg    | -.002009 | F 5.318972 | .0007742 | F 13.08214 | .0001822 | .0009795 |
| Stddev | .000403  | .032707    | .0002843 | .01252     | .0002172 | .0002314 |
| %RSD   | 20.04944 | .6149122   | 36.72328 | .0957001   | 119.2522 | 23.62372 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002032 | 5.333765 | .0006982 | 13.08647 | .0001759 | .0008538 |
| #2 | -.001595 | 5.281482 | .0010888 | 13.06803 | .0004024 | .0008381 |
| #3 | -.002399 | 5.341670 | .0005356 | 13.09192 | -.000032 | .0012465 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.475585 | -.000219 | .0011228 | -.044035 | -.005609 | .0046499 |
| Stddev | .087765  | .001613  | .0002813 | .016735  | .004044  | .0005685 |
| %RSD   | 18.45423 | 737.9352 | 25.05815 | 38.00335 | 72.09857 | 12.22688 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.400874 | -.000239 | .0010441 | -.057205 | -.009129 | .0049561 |
| #2 | -.453639 | .001405  | .0008891 | -.049696 | -.001192 | .0039939 |
| #3 | -.572240 | -.001822 | .0014351 | -.025204 | -.006504 | .0049998 |

Sample Name: ICSA01DLX20      Acquired: 01/31/2024 11:23:07      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | <b>-.000299</b> | <b>-.008254</b> | <b>-.007644</b> | <b>.0009510</b> | <b>.0000349</b> | <b>-.001270</b> |
| Stddev | .000191         | .002482         | .000555         | .0011742        | .0011709        | .000975         |
| %RSD   | 63.68380        | 30.06581        | 7.254732        | 123.4652        | 3351.777        | 76.77967        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000364</b> | <b>-.009664</b> | <b>-.007329</b> | <b>.0011272</b> | <b>-.000485</b> | <b>-.000196</b> |
| #2 | <b>-.000085</b> | <b>-.009710</b> | <b>-.007319</b> | <b>.0020271</b> | <b>-.000786</b> | <b>-.002100</b> |
| #3 | <b>-.000449</b> | <b>-.005389</b> | <b>-.008284</b> | <b>-.000301</b> | <b>.001376</b>  | <b>-.001513</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>-.000054</b> |
| Stddev | .000037         |
| %RSD   | 69.42075        |

|    |                 |
|----|-----------------|
| #1 | <b>-.000096</b> |
| #2 | <b>-.000023</b> |
| #3 | <b>-.000043</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1210.037</b> | <b>1588.456</b> | <b>51385.68</b> | <b>6451.490</b> | <b>1696.015</b> |
| Stddev    | 4.332           | 1.465           | 203.08          | 51.398          | 2.988           |
| %RSD      | .3579860        | .0922338        | .3952138        | .7966879        | .1761835        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1205.101</b> | <b>1587.338</b> | <b>51153.60</b> | <b>6393.040</b> | <b>1694.127</b> |
| #2 | <b>1211.808</b> | <b>1590.115</b> | <b>51530.85</b> | <b>6471.800</b> | <b>1699.460</b> |
| #3 | <b>1213.204</b> | <b>1587.915</b> | <b>51472.57</b> | <b>6489.630</b> | <b>1694.457</b> |

Sample Name: ICSAB01      Acquired: 01/31/2024 11:33:20      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | .1071323 | .1132424 | .0522857 | .0480830 | .5918772 | 256.5024 |
| Stddev | .0100235 | .0053097 | .0017549 | .0075807 | .0045924 | .5887    |
| %RSD   | 9.356227 | 4.688789 | 3.356380 | 15.76577 | .7758976 | .2295243 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0955661 | .1153577 | .0512044 | .0564283 | .5951885 | 257.0399 |
| #2 | .1132878 | .1171684 | .0543105 | .0416227 | .5938084 | 255.8732 |
| #3 | .1125430 | .1072011 | .0513420 | .0461978 | .5866346 | 256.5941 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5111200 | .5168486 | .9955188 | 236.9880 | .5369495 | .4853524 |
| Stddev | .0029586 | .0028071 | .0061803 | .4756    | .0034478 | .0030980 |
| %RSD   | .5788517 | .5431182 | .6208072 | .2006768 | .6421096 | .6383082 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5093412 | .5191065 | .9909146 | 236.6024 | .5405361 | .4828721 |
| #2 | .5145353 | .5137057 | 1.002543 | 237.5194 | .5336597 | .4888251 |
| #3 | .5094835 | .5177337 | .993099  | 236.8421 | .5366528 | .4843601 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5049959 | 97.87107 | .5223814 | 255.6532 | .9293095 | .2261329 |
| Stddev | .0051651 | .13312   | .0010749 | .7821    | .0047881 | .0017374 |
| %RSD   | 1.022794 | .1360181 | .2057707 | .3059355 | .5152263 | .7682924 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5088231 | 97.93111 | .5232011 | 255.3364 | .9252631 | .2272250 |
| #2 | .5070438 | 97.71850 | .5227787 | 255.0791 | .9345954 | .2241294 |
| #3 | .4991210 | 97.96359 | .5211644 | 256.5440 | .9280700 | .2270441 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.125023 | .4969971 | 1.023466 | -.185183 | F -.019984 | 1.026112 |
| Stddev | .280446  | .0074821 | .003739  | .034560  | .008187    | .007581  |
| %RSD   | 224.3153 | 1.505467 | .3653611 | 18.66268 | 40.96903   | .7387812 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .192538  | .5050513 | 1.019530 | -.202725 | -.023241 | 1.033146 |
| #2 | -.338723 | .4902628 | 1.023897 | -.207455 | -.026041 | 1.018083 |
| #3 | -.228884 | .4956771 | 1.026971 | -.145370 | -.010669 | 1.027108 |

Sample Name: ICSAB01      Acquired: 01/31/2024 11:33:20      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | .8850193 | F -.027430 | F .8109424 | .9251487 | .9687671 | F -.017727 |
| Stddev | .0074002 | .009229    | .0078749   | .0009130 | .0013204 | .000703    |
| %RSD   | .8361645 | 33.64695   | .9710782   | .0986905 | .1362997 | 3.965912   |
| #1     | .8766222 | -.036999   | .8199824   | .9241960 | .9686366 | -.017963   |
| #2     | .8905888 | -.026710   | .8072727   | .9260160 | .9675168 | -.018282   |
| #3     | .8878469 | -.018582   | .8055721   | .9252343 | .9701479 | -.016937   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0060256 |
| Stddev | .0002619   |
| %RSD   | 4.345772   |
| #1     | .0062204   |
| #2     | .0061284   |
| #3     | .0057279   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1106.249 | 1450.357 | 46797.38 | 6259.977 | 1409.789 |
| Stddev    | 7.366    | 7.619    | 130.65   | 20.153   | 7.724    |
| %RSD      | .6658807 | .5253042 | .2791918 | .3219316 | .5478757 |
| #1        | 1114.531 | 1457.008 | 46648.74 | 6236.790 | 1413.982 |
| #2        | 1100.429 | 1442.045 | 46894.08 | 6273.282 | 1400.875 |
| #3        | 1103.787 | 1452.018 | 46849.31 | 6269.858 | 1414.509 |

Sample Name: ICSAB01DLX20      Acquired: 01/31/2024 11:37:11      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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 .0043391 | F .0071965 | F .0022972 | F -.000689 | F .0272421 | F 12.53550 |
| Stddev | .0110267   | .0020912   | .0038234   | .004323    | .0015808   | .02977     |
| %RSD   | 254.1240   | 29.05780   | 166.4396   | 627.4324   | 5.802686   | .2374524   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0014560 | .0085142 | .0053964 | -.001645 | .0277777 | 12.52317 |
| #2 | .0165210 | .0082900 | -.001975 | -.004454 | .0254631 | 12.56945 |
| #3 | -.004960 | .0047853 | .003471  | .004032  | .0284854 | 12.51388 |

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Ba4934     | Be2348     | Cd2144     | Ca3736     | Cr2677     | Co2286     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0245453 | F .0262273 | F .0475380 | F 12.12173 | F .0274207 | F .0220186 |
| Stddev | .0002777   | .0001663   | .0000249   | .03713     | .0006275   | .0003824   |
| %RSD   | 1.131331   | .6340315   | .0523852   | .3062841   | 2.288337   | 1.736731   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0242297 | .0263880 | .0475664 | 12.09681 | .0280590 | .0224602 |
| #2 | .0246541 | .0260560 | .0475271 | 12.16440 | .0273982 | .0217979 |
| #3 | .0247521 | .0262379 | .0475203 | 12.10397 | .0268047 | .0217978 |

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Cu3247     | Fe2598     | Mn2576     | Mg2790     | Ni2316     | Ag3280     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0232259 | F 5.149734 | F .0262146 | F 12.65877 | F .0448969 | F .0009262 |
| Stddev | .0033999   | .008972    | .0007212   | .08409     | .0008163   | .0003502   |
| %RSD   | 14.63851   | .1742134   | 2.750967   | .6643117   | 1.818195   | 37.80718   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0195900 | 5.149049 | .0269212 | 12.56267 | .0450193 | .0010657 |
| #2 | .0263263 | 5.159029 | .0254797 | 12.71890 | .0456451 | .0005278 |
| #3 | .0237613 | 5.141125 | .0262430 | 12.69473 | .0440263 | .0011851 |

|        |          |            |            |          |            |            |
|--------|----------|------------|------------|----------|------------|------------|
| Elem   | Na8183   | V_2924     | Zn2138     | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm        | ppm        |
| Avg    | -.184424 | F .0210736 | F .0513960 | -.037703 | F -.009099 | F .0537803 |
| Stddev | .315930  | .0045292   | .0002947   | .027675  | .001816    | .0017682   |
| %RSD   | 171.3065 | 21.49228   | .5734143   | 73.40265 | 19.95807   | 3.287817   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.416720 | .0169090 | .0515678 | -.014877 | -.009166 | .0517402 |
| #2 | -.311875 | .0204162 | .0510557 | -.029747 | -.007250 | .0548708 |
| #3 | .175324  | .0258956 | .0515645 | -.068484 | -.010880 | .0547300 |

Sample Name: ICSAB01DLX20      Acquired: 01/31/2024 11:37:11      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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 .0457994 | F -.011100 | F .0354462 | F .0466667 | F .0500268 | F -.000411 |
| Stddev | .0004304   | .008069    | .0011057   | .0018750   | .0004264   | .001484    |
| %RSD   | .9396778   | 72.69416   | 3.119481   | 4.017944   | .8524386   | 361.3552   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0454363 | -.014299 | .0357608 | .0462093 | .0504798 | -.002122 |
| #2 | .0462748 | -.017079 | .0363605 | .0487281 | .0496331 | .000539  |
| #3 | .0456870 | -.001922 | .0342172 | .0450626 | .0499674 | .000351  |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0000501 |
| Stddev | .0000683   |
| %RSD   | 136.3574   |

|    |          |
|----|----------|
| #1 | .0001233 |
| #2 | .0000392 |
| #3 | -.000012 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1205.082 | 1589.107 | 51310.60 | 6464.433 | 1696.858 |
| Stddev    | 1.631    | 1.831    | 238.09   | 24.208   | 3.992    |
| %RSD      | .1353436 | .1152134 | .4640247 | .3744845 | .2352322 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1204.802 | 1587.178 | 51118.33 | 6478.400 | 1692.548 |
| #2 | 1203.609 | 1590.821 | 51236.55 | 6436.480 | 1697.600 |
| #3 | 1206.835 | 1589.321 | 51576.92 | 6478.420 | 1700.427 |

Sample Name: CCV01      Acquired: 01/31/2024 11:41:14      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | 4.845589 | 5.135401 | 5.000599 | 5.102826 | 5.000954 | 10.40909 |
| Stddev | .012196  | .026263  | .008365  | .015394  | .003116  | .07993   |
| %RSD   | .2516950 | .5114188 | .1672899 | .3016671 | .0623073 | .7678879 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.842124 | 5.110245 | 4.996983 | 5.085819 | 4.999795 | 10.31872 |
| #2 | 4.835501 | 5.133311 | 4.994649 | 5.115805 | 5.004483 | 10.47053 |
| #3 | 4.859143 | 5.162647 | 5.010164 | 5.106855 | 4.998583 | 10.43801 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.23809 | .2593527 | 2.468684 | 25.50918 | 1.011077 | 2.490046 |
| Stddev | .03987   | .0004797 | .004649  | .20651   | .006584  | .002612  |
| %RSD   | .3894090 | .1849778 | .1883353 | .8095437 | .6511390 | .1048896 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.20966 | .2594728 | 2.465482 | 25.30567 | 1.015628 | 2.487052 |
| #2 | 10.22095 | .2588243 | 2.466554 | 25.50331 | 1.014076 | 2.491232 |
| #3 | 10.28366 | .2597610 | 2.474017 | 25.71856 | 1.003528 | 2.491855 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.297625 | 5.203414 | 2.622481 | 25.87091 | 2.401762 | 1.291534 |
| Stddev | .009895  | .043370  | .018877  | .24585   | .003637  | .012871  |
| %RSD   | .7625261 | .8334984 | .7198059 | .9503051 | .1514460 | .9965328 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.288109 | 5.155762 | 2.602152 | 25.63840 | 2.397619 | 1.300871 |
| #2 | 1.296906 | 5.240580 | 2.625837 | 25.84612 | 2.404432 | 1.296879 |
| #3 | 1.307859 | 5.213900 | 2.639456 | 26.12822 | 2.403234 | 1.276852 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 25.89629 | 2.620220 | 2.570349 | 25.81568 | 5.054436 | F 5.265096 |
| Stddev | .19734   | .023708  | .022105  | .21773   | .037868  | .018625    |
| %RSD   | .7620338 | .9047919 | .8599815 | .8434207 | .7492050 | .3537424   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.98233 | 2.596392 | 2.586397 | 25.57324 | 5.010714 | 5.257047 |
| #2 | 25.67054 | 2.620461 | 2.579513 | 25.87923 | 5.075729 | 5.251849 |
| #3 | 26.03600 | 2.643806 | 2.545136 | 25.99457 | 5.076864 | 5.286392 |

Sample Name: CCV01      Acquired: 01/31/2024 11:41:14      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | 4.924070 | 5.030895 | 5.078467 | 4.938871 | F 5.260413 | F 5.404980 |
| Stddev | .001338  | .051420  | .033927  | .024085  | .043997    | .023177    |
| %RSD   | .0271810 | 1.022084 | .6680608 | .4876608 | .8363760   | .4288083   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.924400 | 4.974792 | 5.057250 | 4.911069 | 5.210632 | 5.378532 |
| #2 | 4.925213 | 5.042113 | 5.060556 | 4.952158 | 5.294085 | 5.421746 |
| #3 | 4.922597 | 5.075779 | 5.117597 | 4.953385 | 5.276521 | 5.414662 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F 5.265937 |
| Stddev | .034084    |
| %RSD   | .6472583   |

|    |          |
|----|----------|
| #1 | 5.286218 |
| #2 | 5.226587 |
| #3 | 5.285008 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1180.700 | 1536.959 | 49953.89 | 6429.265 | 1568.616 |
| Stddev    | 12.581   | 2.073    | 496.77   | 11.745   | .327     |
| %RSD      | 1.065548 | .1349052 | .9944668 | .1826852 | .0208252 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1170.967 | 1534.586 | 49546.73 | 6425.645 | 1568.599 |
| #2 | 1176.226 | 1538.422 | 49807.55 | 6442.394 | 1568.951 |
| #3 | 1194.906 | 1537.869 | 50507.40 | 6419.756 | 1568.298 |

Sample Name: CCB01      Acquired: 01/31/2024 11:59:17      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002112</b> | <b>.0026685</b> | <b>-.001683</b> | <b>.0051962</b> | <b>.0002539</b> | <b>.0045510</b> | <b>-.000814</b> |
| Stddev | .000619         | .0020587        | .001681         | .0042574        | .0040827        | .0016445        | .000248         |
| %RSD   | 29.32574        | 77.14648        | 99.93576        | 81.93365        | 1607.998        | 36.13428        | 30.50934        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001681</b> | <b>.0050369</b> | <b>-.001215</b> | <b>.0007471</b> | <b>.0048139</b> | <b>.0026632</b> | <b>-.000527</b> |
| #2 | <b>-.002822</b> | <b>.0016611</b> | <b>-.000284</b> | <b>.0092318</b> | <b>-.003062</b> | <b>.0056726</b> | <b>-.000959</b> |
| #3 | <b>-.001833</b> | <b>.0013076</b> | <b>-.003548</b> | <b>.0056097</b> | <b>-.000990</b> | <b>.0053170</b> | <b>-.000955</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000229</b> | <b>-.000107</b> | <b>-.007947</b> | <b>-.000440</b> | <b>.0000532</b> | <b>.0031392</b> | <b>.0091845</b> |
| Stddev | .0000264        | .000037         | .005854         | .000349         | .0004401        | .0042339        | .0108037        |
| %RSD   | 115.3576        | 34.24828        | 73.65406        | 79.38227        | 826.7037        | 134.8711        | 117.6299        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000525</b> | <b>-.000123</b> | <b>-.001225</b> | <b>-.000642</b> | <b>-.000280</b> | <b>.0005044</b> | <b>.0101155</b> |
| #2 | <b>.0000142</b> | <b>-.000065</b> | <b>-.010696</b> | <b>-.000643</b> | <b>-.000112</b> | <b>.0080230</b> | <b>.0194926</b> |
| #3 | <b>.0000019</b> | <b>-.000133</b> | <b>-.011921</b> | <b>-.000037</b> | <b>.000552</b>  | <b>.0008902</b> | <b>-.002055</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000538</b> | <b>-.015594</b> | <b>.0005544</b> | <b>.0008502</b> | <b>-.169656</b> | <b>-.002567</b> | <b>.0007250</b> |
| Stddev | .000675         | .033701         | .0007237        | .0001864        | .143813         | .001701         | .0007747        |
| %RSD   | 125.5195        | 216.1087        | 130.5409        | 21.91733        | 84.76715        | 66.29116        | 106.8586        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001255</b> | <b>.020227</b>  | <b>-.000067</b> | <b>.0010523</b> | <b>-.277396</b> | <b>-.004012</b> | <b>.0016164</b> |
| #2 | <b>-.000443</b> | <b>-.020337</b> | <b>.001349</b>  | <b>.0006852</b> | <b>-.225221</b> | <b>-.002997</b> | <b>.0003440</b> |
| #3 | <b>.000085</b>  | <b>-.046672</b> | <b>.000380</b>  | <b>.0008132</b> | <b>-.006351</b> | <b>-.000691</b> | <b>.0002145</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.033061</b> | <b>-.007794</b> | <b>.0096477</b> | <b>.0007770</b> | <b>-.004161</b> | <b>-.004422</b> | <b>.0019779</b> |
| Stddev | .089115         | .003003         | .0005092        | .0002257        | .012723         | .002609         | .0011195        |
| %RSD   | 269.5449        | 38.52489        | 5.278222        | 29.04243        | 305.7741        | 59.00588        | 56.59960        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.069202</b>  | <b>-.007848</b> | <b>.0098365</b> | <b>.0008103</b> | <b>.005221</b>  | <b>-.002299</b> | <b>.0006935</b> |
| #2 | <b>-.074289</b> | <b>-.010770</b> | <b>.0090711</b> | <b>.0005365</b> | <b>.000939</b>  | <b>-.003631</b> | <b>.0027467</b> |
| #3 | <b>-.094098</b> | <b>-.004765</b> | <b>.0100356</b> | <b>.0009841</b> | <b>-.018642</b> | <b>-.007335</b> | <b>.0024936</b> |

Sample Name: CCB01      Acquired: 01/31/2024 11:59:17      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CB01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0008047 | -.000452 | .0000225 |
| Stddev | .0008194 | .001956  | .0000116 |
| %RSD   | 101.8241 | 432.7392 | 51.76722 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0002782 | .001513  | .0000096 |
| #2 | .0003872 | -.000471 | .0000323 |
| #3 | .0017487 | -.002399 | .0000254 |

| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1213.845 | 1590.858 | 51678.91 | 6307.870 | 1755.824 |
| Stddev    | 6.874    | 4.832    | 187.51   | 176.167  | 2.917    |
| %RSD      | .5663344 | .3037357 | .3628279 | 2.792815 | .1661519 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1221.747 | 1593.694 | 51820.39 | 6110.940 | 1755.969 |
| #2 | 1209.248 | 1593.601 | 51466.24 | 6362.190 | 1758.666 |
| #3 | 1210.538 | 1585.279 | 51750.11 | 6450.480 | 1752.836 |

Sample Name: PB156185BL      Acquired: 01/31/2024 12:03:24      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | .0056612 | .0001998 | -.000326 | -.003739 | -.001915 | .0183805 | -.000827 |
| Stddev | .0038194 | .0040614 | .002452  | .004562  | .002156  | .0095034 | .000646  |
| %RSD   | 67.46568 | 2032.842 | 753.1054 | 122.0030 | 112.5864 | 51.70389 | 78.16460 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054280 | -.004217 | -.001884 | .000217  | -.000029 | .0107890 | -.000726 |
| #2 | .0019638 | .003773  | .002501  | -.002705 | -.001450 | .0153138 | -.001517 |
| #3 | .0095918 | .001044  | -.001593 | -.008729 | -.004265 | .0290385 | -.000237 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000815 | -.000093 | -.015164 | -.000578 | .0001386 | .0001311 | -.001876 |
| Stddev | .0001036 | .000099  | .008007  | .000059  | .0006145 | .0018232 | .003131  |
| %RSD   | 127.0795 | 107.0906 | 52.80630 | 10.25542 | 443.3772 | 1391.043 | 166.8774 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000026 | .000022  | -.013605 | -.000641 | .0004205 | -.000084 | -.002132 |
| #2 | .000181  | -.000147 | -.023836 | -.000568 | -.000566 | -.001575 | .001375  |
| #3 | .000090  | -.000153 | -.008050 | -.000524 | .000562  | .002052  | -.004872 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000427 | -.020223 | .0003873 | .0004888 | -.136658 | -.001824 | -.000237 |
| Stddev | .000458  | .018802  | .0006604 | .0002426 | .263334  | .002329  | .000380  |
| %RSD   | 107.1773 | 92.97718 | 170.5168 | 49.62429 | 192.6954 | 127.7219 | 160.6772 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000080  | -.029951 | -.000346 | .0004373 | .106292  | -.004498 | -.000262 |
| #2 | -.000551 | -.032168 | .000572  | .0007530 | -.416488 | -.000241 | -.000603 |
| #3 | -.000811 | .001451  | .000936  | .0002761 | -.099779 | -.000732 | .000156  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104821 | -.006376 | .0071603 | .0004605 | -.001239 | -.006175 | .0009493 |
| Stddev | .0244075 | .001475  | .0010463 | .0005390 | .008750  | .000465  | .0009843 |
| %RSD   | 232.8483 | 23.14044 | 14.61194 | 117.0388 | 706.0503 | 7.523566 | 103.6852 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005087 | -.008053 | .0060414 | -.000120 | .008748  | -.005691 | .0018554 |
| #2 | -.002078 | -.005281 | .0073251 | .000945  | -.007556 | -.006617 | .0010907 |
| #3 | .038612  | -.005793 | .0081144 | .000556  | -.004909 | -.006217 | -.000098 |

Sample Name: PB156185BL      Acquired: 01/31/2024 12:03:24      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000301</b> | <b>.0000029</b> | <b>.0000010</b> |
| Stddev | .001303         | .0005513        | .0000820        |
| %RSD   | 432.7639        | 19193.53        | 8093.216        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001804</b> | <b>-.000585</b> | <b>-.000091</b> |
| #2 | <b>.000526</b>  | <b>.000508</b>  | <b>.000066</b>  |
| #3 | <b>.000374</b>  | <b>.000086</b>  | <b>.000029</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1220.624</b> | <b>1604.477</b> | <b>52031.32</b> | <b>6507.180</b> | <b>1772.810</b> |
| Stddev    | 7.581           | 52.678          | 221.57          | 93.289          | 59.472          |
| %RSD      | .6210349        | 3.283194        | .4258431        | 1.433627        | 3.354656        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1219.884</b> | <b>1567.271</b> | <b>51897.12</b> | <b>6400.420</b> | <b>1731.466</b> |
| #2 | <b>1213.440</b> | <b>1581.406</b> | <b>51909.79</b> | <b>6548.130</b> | <b>1745.997</b> |
| #3 | <b>1228.547</b> | <b>1664.755</b> | <b>52287.07</b> | <b>6572.990</b> | <b>1840.968</b> |

Sample Name: PB156185BS      Acquired: 01/31/2024 12:07:29      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | .7558702 | 1.975396 | .9461808 | 1.958192 | .7633657 | 2.015241 |
| Stddev | .0138500 | .000704  | .0052454 | .013340  | .0009987 | .014008  |
| %RSD   | 1.832326 | .0356454 | .5543719 | .6812431 | .1308253 | .6950943 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7718520 | 1.975775 | .9401784 | 1.955352 | .7635922 | 1.999566 |
| #2 | .7483888 | 1.975829 | .9484805 | 1.972723 | .7642316 | 2.019623 |
| #3 | .7473698 | 1.974583 | .9498835 | 1.946500 | .7622731 | 2.026533 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1950621 | .2043905 | .1856578 | 1.027439 | .3915891 | .1847328 |
| Stddev | .0005078 | .0015882 | .0001458 | .010059  | .0002343 | .0007473 |
| %RSD   | .2603458 | .7770234 | .0785345 | .9790231 | .0598323 | .4045086 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1955967 | .2035204 | .1858176 | 1.015832 | .3913629 | .1854283 |
| #2 | .1945861 | .2034276 | .1855319 | 1.033621 | .3915737 | .1848272 |
| #3 | .1950033 | .2062236 | .1856240 | 1.032864 | .3918307 | .1839428 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3086941 | 3.164913 | .2081357 | 1.988842 | .4471186 | .0759657 |
| Stddev | .0024298 | .037510  | .0019513 | .003101  | .0019998 | .0004040 |
| %RSD   | .7871392 | 1.185186 | .9374870 | .1559107 | .4472572 | .5318250 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3105090 | 3.146454 | .2059813 | 1.991979 | .4463285 | .0759578 |
| #2 | .3059336 | 3.140210 | .2086417 | 1.988769 | .4456345 | .0763736 |
| #3 | .3096397 | 3.208076 | .2097841 | 1.985778 | .4493927 | .0755657 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.725385 | .3119550 | .2026942 | 9.885558 | 5.541447 | .3168241 |
| Stddev | .188187  | .0075400 | .0012258 | .105533  | .035664  | .0017520 |
| %RSD   | 6.904964 | 2.417019 | .6047674 | 1.067548 | .6435858 | .5529834 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.568229 | .3032989 | .2025057 | 9.766056 | 5.507464 | .3170455 |
| #2 | 2.933928 | .3154729 | .2015736 | 9.924653 | 5.578582 | .3149720 |
| #3 | 2.673999 | .3170931 | .2040034 | 9.965965 | 5.538294 | .3184549 |

Sample Name: PB156185BS      Acquired: 01/31/2024 12:07:29      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | <b>.3739388</b> | <b>F -.014693</b> | <b>.8139425</b> | <b>.6451560</b> | <b>.2053065</b> | <b>.2105267</b> |
| Stddev | .0011709        | .008206           | .0033083        | .0066691        | .0015186        | .0032277        |
| %RSD   | .3131145        | 55.84904          | .4064592        | 1.033711        | .7396861        | 1.533153        |
| #1     | .3742947        | -.023334          | .8132601        | .6527438        | .2058238        | .2078072        |
| #2     | .3726312        | -.007006          | .8110285        | .6402242        | .2035969        | .2096792        |
| #3     | .3748903        | -.013740          | .8175388        | .6425000        | .2064990        | .2140935        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2070282</b> |
| Stddev | .0004612        |
| %RSD   | .2227769        |
| #1     | .2067305        |
| #2     | .2067947        |
| #3     | .2075595        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1218.457</b> | <b>1598.780</b> | <b>51955.26</b> | <b>6480.554</b> | <b>1727.765</b> |
| Stddev    | 2.735           | 4.861           | 271.91          | 34.955          | 2.687           |
| %RSD      | .2244492        | .3040537        | .5233512        | .5393881        | .1554965        |
| #1        | 1219.312        | 1593.191        | 51929.56        | 6498.102        | 1724.680        |
| #2        | 1220.662        | 1602.023        | 51697.11        | 6503.259        | 1729.589        |
| #3        | 1215.397        | 1601.126        | 52239.10        | 6440.301        | 1729.026        |

Sample Name: O4699-11      Acquired: 01/31/2024 12:15:28      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | .0170970 | .0396618 | .0114954 | .0167970 | .0446202 | .1024758 | .0870098 |
| Stddev | .0042763 | .0023769 | .0013041 | .0018366 | .0057316 | .0067622 | .0006974 |
| %RSD   | 25.01192 | 5.992973 | 11.34460 | 10.93420 | 12.84525 | 6.598788 | .8015812 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0172104 | .0391525 | .0100543 | .0178994 | .0390797 | .0948292 | .0864399 |
| #2 | .0213155 | .0375808 | .0118374 | .0146768 | .0442555 | .1076679 | .0868021 |
| #3 | .0127652 | .0422520 | .0125943 | .0178148 | .0505254 | .1049304 | .0877876 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054843 | .0051494 | 1.762116 | .0083421 | .0246306 | .0189733 | .1001803 |
| Stddev | .0000943 | .0003082 | .007032  | .0002743 | .0015501 | .0022887 | .0047390 |
| %RSD   | 1.718882 | 5.986065 | .3990831 | 3.288524 | 6.293465 | 12.06290 | 4.730510 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055395 | .0050186 | 1.755413 | .0083409 | .0234728 | .0192575 | .1056042 |
| #2 | .0053754 | .0049281 | 1.769437 | .0086170 | .0240273 | .0165557 | .0968403 |
| #3 | .0055379 | .0055015 | 1.761500 | .0080683 | .0263916 | .0211067 | .0980963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0181836 | 1.878920 | .0327786 | .0097371 | 1.737318 | .0349637 | .0362289 |
| Stddev | .0007085 | .043765  | .0034617 | .0003264 | .098332  | .0016880 | .0012972 |
| %RSD   | 3.896578 | 2.329267 | 10.56081 | 3.352451 | 5.659989 | 4.827867 | 3.580668 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0183267 | 1.925836 | .0303581 | .0093701 | 1.676994 | .0365612 | .0372918 |
| #2 | .0188097 | 1.839198 | .0312340 | .0099949 | 1.850786 | .0331978 | .0347834 |
| #3 | .0174145 | 1.871727 | .0367437 | .0098463 | 1.684174 | .0351320 | .0366116 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.693746 | .0095987 | .0948823 | .1837230 | .0095684 | .3091618 | .0342544 |
| Stddev | .046623  | .0058700 | .0013334 | .0115277 | .0061154 | .0020279 | .0025072 |
| %RSD   | 2.752677 | 61.15394 | 1.405320 | 6.274506 | 63.91197 | .6559213 | 7.319263 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.670080 | .0043664 | .0935058 | .1778402 | .0027478 | .3096387 | .0326293 |
| #2 | 1.663702 | .0084833 | .0961679 | .1763235 | .0113955 | .3069380 | .0329919 |
| #3 | 1.747456 | .0159464 | .0949732 | .1970052 | .0145620 | .3109087 | .0371418 |

Sample Name: O4699-11      Acquired: 01/31/2024 12:15:28      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361          | Li6707          | Sr4077          |
|--------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0350161</b> | <b>.0171304</b> | <b>.0189513</b> |
| Stddev | .0016724        | .0008973        | .0000655        |
| %RSD   | 4.776179        | 5.238365        | .3456176        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0356914</b> | <b>.0178361</b> | <b>.0188933</b> |
| #2 | <b>.0331116</b> | <b>.0161205</b> | <b>.0190224</b> |
| #3 | <b>.0362454</b> | <b>.0174347</b> | <b>.0189384</b> |

| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1224.382</b> | <b>1559.483</b> | <b>52066.90</b> | <b>6522.620</b> | <b>1711.833</b> |
| Stddev    | 9.184           | 84.405          | 137.10          | 27.069          | 87.792          |
| %RSD      | .7501042        | 5.412381        | .2633109        | .4150085        | 5.128549        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1222.345 | 1602.510 | 51941.08 | 6491.720 | 1759.949 |
| #2 | 1216.387 | 1613.705 | 52046.61 | 6542.150 | 1765.048 |
| #3 | 1234.413 | 1462.235 | 52213.02 | 6533.990 | 1610.502 |

Sample Name: O4699-10      Acquired: 01/31/2024 12:43:47      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment: Z

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029250 | .0116460 | .0039418 | .0060464 | .0110947 | .0354713 | .0248962 |
| Stddev | .0039838 | .0009033 | .0026127 | .0035900 | .0045280 | .0078713 | .0005676 |
| %RSD   | 136.2005 | 7.756423 | 66.28309 | 59.37375 | 40.81269 | 22.19068 | 2.279711 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070394 | .0126381 | .0046028 | .0035949 | .0086415 | .0444224 | .0245764 |
| #2 | -.000914 | .0108711 | .0061605 | .0101670 | .0163200 | .0296299 | .0245607 |
| #3 | .002649  | .0114288 | .0010620 | .0043772 | .0083226 | .0323616 | .0255515 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016717 | .0014408 | .5320480 | .0025644 | .0071665 | .0074412 | .0350302 |
| Stddev | .0000421 | .0001388 | .0044533 | .0006192 | .0002422 | .0017666 | .0014329 |
| %RSD   | 2.520345 | 9.634879 | .8370168 | 24.14511 | 3.380003 | 23.74029 | 4.090410 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016801 | .0015738 | .5284293 | .0029425 | .0074019 | .0092952 | .0357730 |
| #2 | .0016260 | .0014517 | .5370213 | .0018499 | .0071796 | .0057774 | .0333784 |
| #3 | .0017090 | .0012969 | .5306934 | .0029010 | .0069180 | .0072512 | .0359391 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054740 | .5745146 | .0095382 | .0034626 | .4267982 | .0074228 | .0125250 |
| Stddev | .0005480 | .0240649 | .0003613 | .0006941 | .1197296 | .0025850 | .0010271 |
| %RSD   | 10.01027 | 4.188742 | 3.788235 | 20.04564 | 28.05298 | 34.82516 | 8.200237 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0050254 | .5477363 | .0099492 | .0042442 | .5415720 | .0091624 | .0113740 |
| #2 | .0053117 | .5943312 | .0093950 | .0032254 | .3026624 | .0044524 | .0133482 |
| #3 | .0060847 | .5814765 | .0092705 | .0029181 | .4361603 | .0086536 | .0128528 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4745964 | -.001679 | .0273666 | .0526068 | .0014793 | .0874695 | .0122838 |
| Stddev | .0475332 | .004094  | .0009476 | .0006961 | .0037842 | .0006224 | .0009700 |
| %RSD   | 10.01549 | 243.7559 | 3.462605 | 1.323175 | 255.8177 | .7115133 | 7.896272 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4406990 | -.006407 | .0269429 | .0529826 | .0021921 | .0873709 | .0115927 |
| #2 | .5289299 | .000665  | .0267047 | .0518036 | .0048563 | .0869023 | .0118661 |
| #3 | .4541604 | .000703  | .0284521 | .0530342 | -.002611 | .0881352 | .0133927 |

Sample Name: O4699-10      Acquired: 01/31/2024 12:43:47      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment: Z

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0105533 | .0063407 | .0056694 |
| Stddev | .0002515 | .0003538 | .0000451 |
| %RSD   | 2.383219 | 5.579421 | .7961824 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0102688 | .0065994 | .0056299 |
| #2 | .0107459 | .0059376 | .0056597 |
| #3 | .0106453 | .0064852 | .0057186 |

| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1227.648 | 1612.262 | 52315.41 | 6509.337 | 1777.863 |
| Stddev    | 2.832    | 5.917    | 163.37   | 14.326   | 5.268    |
| %RSD      | .2306503 | .3670287 | .3122797 | .2200862 | .2963018 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1224.945 | 1610.742 | 52126.97 | 6524.580 | 1774.870 |
| #2 | 1227.405 | 1618.791 | 52402.08 | 6507.280 | 1783.946 |
| #3 | 1230.593 | 1607.252 | 52417.18 | 6496.150 | 1774.773 |

Sample Name: CCV02      Acquired: 01/31/2024 12:47:51      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | <b>4.637835</b> | <b>5.015495</b> | <b>4.836480</b> | <b>4.950690</b> | <b>4.878299</b> | <b>10.29701</b> | <b>10.03455</b> |
| Stddev | .021049         | .037153         | .006910         | .015443         | .014037         | .07048          | .05427          |
| %RSD   | .4538586        | .7407588        | .1428789        | .3119452        | .2877376        | .6844354        | .5408155        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.646725 | 5.027964 | 4.828589 | 4.963575 | 4.888764 | 10.21921 | 9.97321  |
| #2 | 4.613799 | 5.044809 | 4.841447 | 4.954923 | 4.883787 | 10.35659 | 10.05413 |
| #3 | 4.652981 | 4.973712 | 4.839406 | 4.933571 | 4.862348 | 10.31523 | 10.07632 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2542278</b> | <b>2.397218</b> | <b>24.86229</b> | <b>.9853250</b> | <b>2.412633</b> | <b>1.288437</b> | <b>5.144184</b> |
| Stddev | .0014979        | .003035         | .17799          | .0032464        | .004358         | .013067         | .087007         |
| %RSD   | .5892113        | .1265989        | .7159213        | .3294750        | .1806468        | 1.014144        | 1.691369        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2525103 | 2.394683 | 24.76107 | .9878235 | 2.407729 | 1.275649 | 5.047944 |
| #2 | .2552639 | 2.400581 | 24.75797 | .9816555 | 2.416065 | 1.301766 | 5.217277 |
| #3 | .2549093 | 2.396391 | 25.06781 | .9864958 | 2.414104 | 1.287894 | 5.167330 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.567633</b> | <b>25.36402</b> | <b>2.334852</b> | <b>1.268336</b> | <b>25.32157</b> | <b>2.601232</b> | <b>2.524292</b> |
| Stddev | .020207         | .30854          | .003750         | .003747         | .27956          | .010547         | .005910         |
| %RSD   | .7869861        | 1.216450        | .1606083        | .2954054        | 1.104057        | .4054765        | .2341165        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.550002 | 25.03772 | 2.330531 | 1.271502 | 25.41788 | 2.591839 | 2.524493 |
| #2 | 2.563212 | 25.40330 | 2.337264 | 1.264200 | 25.54024 | 2.599214 | 2.530099 |
| #3 | 2.589684 | 25.65105 | 2.336760 | 1.269306 | 25.00658 | 2.612642 | 2.518285 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.70344</b> | <b>4.948069</b> | <b>5.154529</b> | <b>4.781498</b> | <b>4.893272</b> | <b>5.099585</b> | <b>4.769173</b> |
| Stddev | .16491          | .044188         | .031432         | .005014         | .025469         | .044897         | .009383         |
| %RSD   | .6415853        | .8930254        | .6097974        | .1048692        | .5204924        | .8804128        | .1967469        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.51403 | 4.965158 | 5.118314 | 4.775792 | 4.893509 | 5.047752 | 4.759308 |
| #2 | 25.81517 | 4.981160 | 5.174712 | 4.783503 | 4.918621 | 5.126380 | 4.777985 |
| #3 | 25.78110 | 4.897889 | 5.170561 | 4.785200 | 4.867685 | 5.124623 | 4.770227 |

Sample Name: CCV02      Acquired: 01/31/2024 12:47:51      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.205817 | 5.314622 | 5.148069 |
| Stddev | .040217  | .062458  | .066393  |
| %RSD   | .7725317 | 1.175212 | 1.289663 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.164020 | 5.244651 | 5.072325 |
| #2 | 5.209190 | 5.364741 | 5.196197 |
| #3 | 5.244241 | 5.334474 | 5.175684 |

| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1190.193 | 1556.970 | 50527.53 | 6499.428 | 1589.974 |
| Stddev    | 4.109    | 2.025    | 254.96   | 32.233   | .990     |
| %RSD      | .3452455 | .1300331 | .5045972 | .4959410 | .0622543 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1190.709 | 1556.205 | 50233.39 | 6529.414 | 1589.338 |
| #2 | 1185.850 | 1555.439 | 50685.29 | 6465.340 | 1589.469 |
| #3 | 1194.019 | 1559.265 | 50663.92 | 6503.529 | 1591.114 |

Sample Name: CCB02      Acquired: 01/31/2024 12:51:48      Type: Unk  
Method: NON EPA-6010-200.7(v186)      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    | .0072988 | .0017998 | .0014977 | .0021974 | -.000486 | .0072614 | -.000790 |
| Stddev | .0073107 | .0031194 | .0014172 | .0078697 | .002442  | .0041030 | .000706  |
| %RSD   | 100.1625 | 173.3239 | 94.62781 | 358.1400 | 502.7087 | 56.50452 | 89.31816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071370 | .0005565 | .0024537 | .0070791 | .000179  | .0046892 | -.000438 |
| #2 | .0000704 | -.000506 | -.000131 | -.006881 | -.003191 | .0051018 | -.001603 |
| #3 | .0146891 | .005349  | .002170  | .006394  | .001555  | .0119931 | -.000330 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001004 | -.000020 | .0059565 | -.000172 | -.000031 | .0031151 | .0055566 |
| Stddev | .0000573 | .000045  | .0154798 | .000078  | .000434  | .0032043 | .0056340 |
| %RSD   | 57.02727 | 227.8167 | 259.8825 | 45.42852 | 1388.290 | 102.8644 | 101.3940 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001116 | .000012  | -.011789 | -.000163 | .000434  | .0068064 | .0003319 |
| #2 | .0001513 | -.000072 | .016687  | -.000099 | -.000104 | .0010496 | .0048120 |
| #3 | .0000384 | .000001  | .012971  | -.000255 | -.000425 | .0014892 | .0115259 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000627 | -.014061 | .0002956 | .0005007 | -.339761 | .0006020 | .0006335 |
| Stddev | .000300  | .011830  | .0005210 | .0002339 | .208025  | .0037452 | .0003922 |
| %RSD   | 47.81327 | 84.13663 | 176.2817 | 46.72388 | 61.22703 | 622.1416 | 61.90267 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000670 | -.009694 | .0001148 | .0005055 | -.545733 | .0029558 | .0001847 |
| #2 | -.000308 | -.027454 | -.000111 | .0007322 | -.129741 | .0025669 | .0008058 |
| #3 | -.000902 | -.005035 | .000883  | .0002644 | -.343807 | -.003717 | .0009100 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001693 | -.009098 | .0098076 | .0004739 | -.004817 | -.002464 | .0003981 |
| Stddev | .032028  | .003286  | .0007411 | .0004687 | .006690  | .002249  | .0007090 |
| %RSD   | 1891.255 | 36.12347 | 7.556486 | 98.89667 | 138.8819 | 91.27539 | 178.1159 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.033619 | -.006473 | .0093285 | .0010042 | -.007963 | -.000107 | -.000256 |
| #2 | -.001897 | -.012784 | .0094331 | .0001152 | .002866  | -.004587 | .000299  |
| #3 | .030436  | -.008037 | .0106612 | .0003023 | -.009353 | -.002697 | .001151  |

Sample Name: CCB02      Acquired: 01/31/2024 12:51:48      Type: Unk  
Method: NON EPA-6010-200.7(v186)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0009666 | .0015210 | .0000265 |
| Stddev | .0002915 | .0005081 | .0000313 |
| %RSD   | 30.15147 | 33.40569 | 118.0838 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0011819 | .0020290 | .0000287 |
| #2 | .0010830 | .0010128 | .0000567 |
| #3 | .0006350 | .0015214 | -.000006 |

| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1213.100 | 1598.024 | 51817.09 | 6478.000 | 1768.902 |
| Stddev    | 8.299    | 5.840    | 458.68   | 23.030   | 5.775    |
| %RSD      | .6840979 | .3654692 | .8851853 | .3555170 | .3264514 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1220.184 | 1591.424 | 52150.74 | 6451.840 | 1762.265 |
| #2 | 1215.147 | 1602.526 | 52006.48 | 6486.940 | 1772.777 |
| #3 | 1203.969 | 1600.120 | 51294.04 | 6495.220 | 1771.664 |