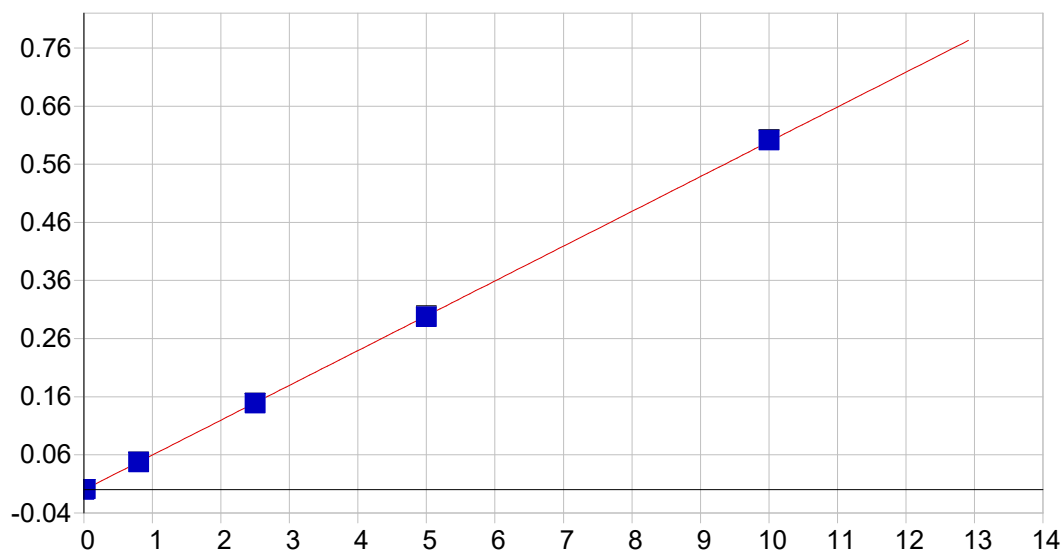


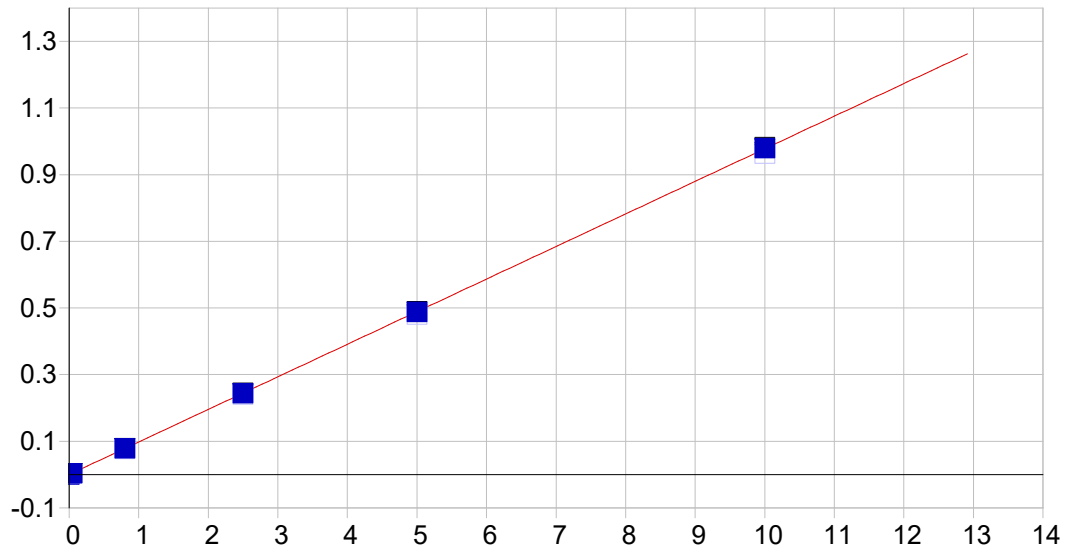


**As 189.042 {479}**

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000072 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.059875  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999985  | Status:   | OK.      |
| Std Error of Est: | 0.000008  |           |          |
| Predicted MDL:    | 0.002605  |           |          |
| Predicted MQL:    | 0.008684  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00007 | .000    | 1        |
| S1        | .02000       | .01927      | -.001      | -3.65   | .00109  | .000    | 1        |
| S3        | 2.5000       | 2.4848      | -.015      | -.610   | .14869  | .000    | 1        |
| S4        | 5.0000       | 4.9735      | -.027      | -.530   | .29769  | .001    | 1        |
| S5        | 10.000       | 10.049      | .049       | .491    | .60156  | .001    | 1        |
| S2        | .80000       | .79338      | -.007      | -.828   | .04743  | .000    | 1        |

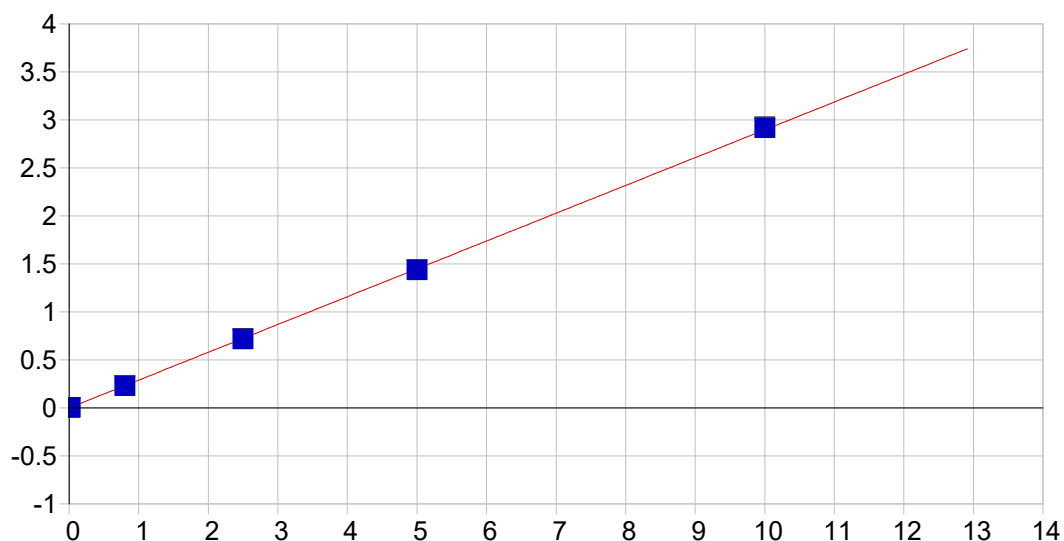


TI 190.856 {477}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000085 Re-Slope: 1.000000  
 A1 (Gain): 0.097770 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999998 Status: OK.  
 Std Error of Est: 0.000007  
 Predicted MDL: 0.001813  
 Predicted MQL: 0.006045

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .04000       | .03901      | -.001      | -2.48   | .00366 | .000    | 1        |
| S3        | 2.5000       | 2.4974      | -.003      | -.106   | .24030 | .001    | 1        |
| S4        | 5.0000       | 4.9874      | -.013      | -.252   | .47980 | .002    | 1        |
| S5        | 10.000       | 10.015      | .015       | .155    | .96349 | .003    | 1        |
| S2        | .80000       | .80069      | .001       | .086    | .07710 | .000    | 1        |

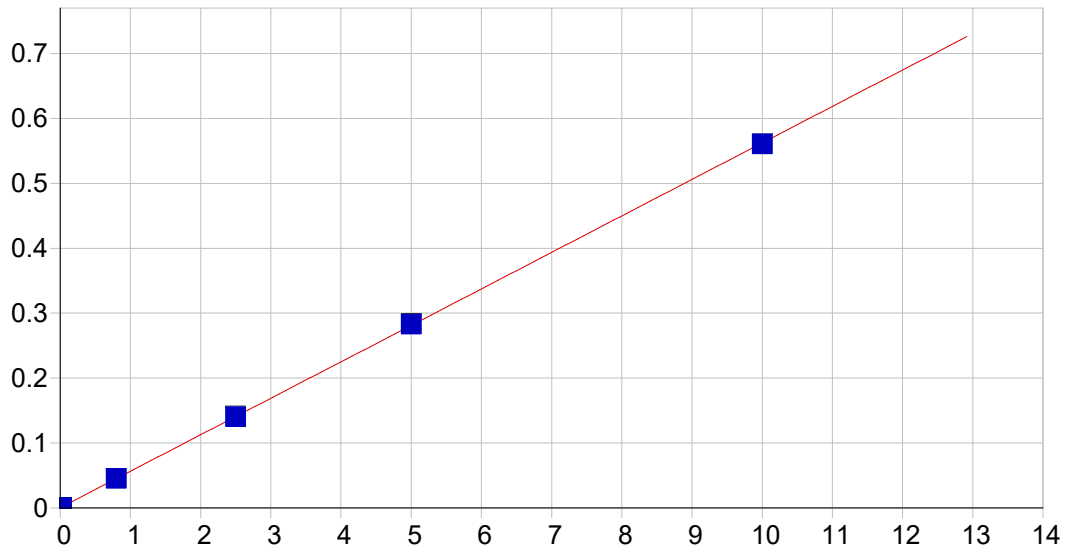


### Pb 220.353 {453}

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000061 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.289663 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999967 | Status:   | OK.      |
| Std Error of Est: | 0.000043 |           |          |
| Predicted MDL:    | 0.001467 |           |          |
| Predicted MQL:    | 0.004890 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .01200       | .01287      | .001       | 7.22    | .00375 | .000    | 1        |
| S3        | 2.5000       | 2.4784      | -.022      | -.865   | .71781 | .002    | 1        |
| S4        | 5.0000       | 4.9550      | -.045      | -.899   | 1.4351 | .006    | 1        |
| S5        | 10.000       | 10.072      | .072       | .716    | 2.9168 | .008    | 1        |
| S2        | .80000       | .79414      | -.006      | -.732   | .23005 | .001    | 1        |

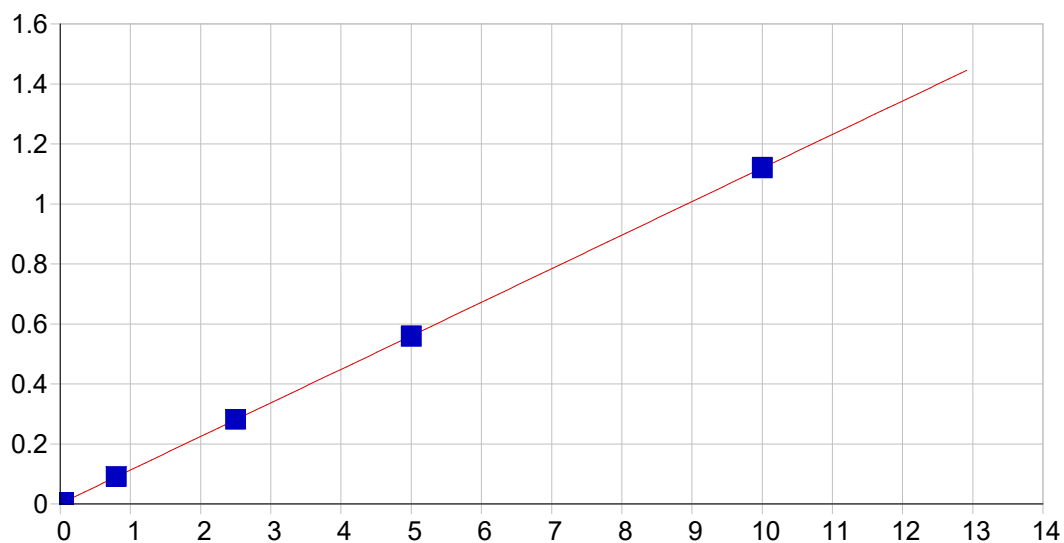


**Se 196.090 {472}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000212 Re-Slope: 1.000000  
 A1 (Gain): 0.056200 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999994 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.004980  
 Predicted MQL: 0.016599

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00021 | .000    | 1        |
| S1        | .02000       | .01950      | -.001      | -2.52   | .00131 | .000    | 1        |
| S3        | 2.5000       | 2.4982      | -.002      | -.073   | .14066 | .001    | 1        |
| S4        | 5.0000       | 5.0275      | .027       | .550    | .28286 | .001    | 1        |
| S5        | 10.000       | 9.9737      | -.026      | -.263   | .56093 | .001    | 1        |
| S2        | .80000       | .80116      | .001       | .145    | .04525 | .000    | 1        |

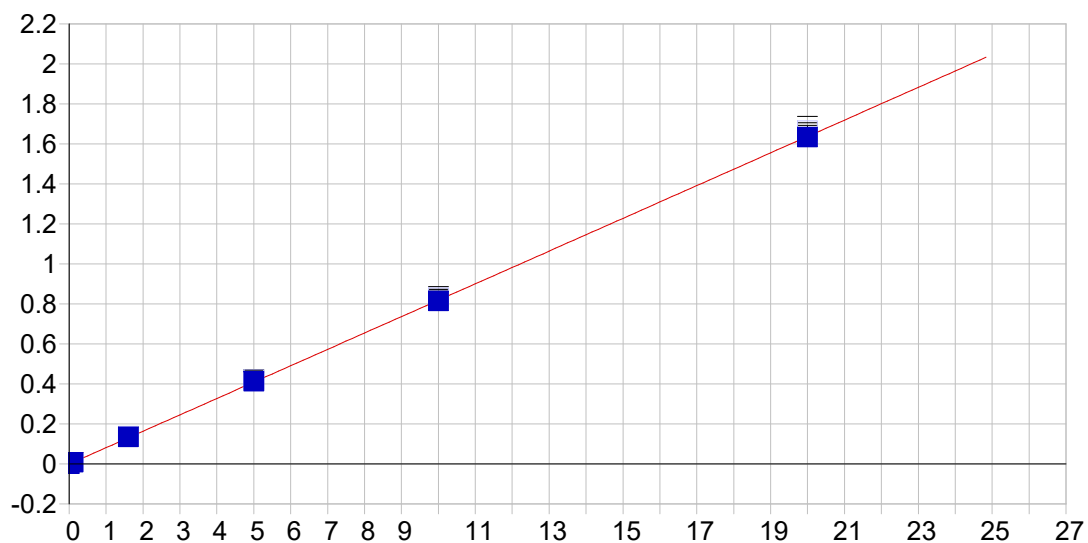


**Sb 206.833 {463}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001032 Re-Slope: 1.000000  
 A1 (Gain): 0.111843 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999997 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.002006  
 Predicted MQL: 0.006687

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00103 | .000    | 1        |
| S1        | .05000       | .04966      | -.000      | -.677   | .00657 | .000    | 1        |
| S3        | 2.5000       | 2.5050      | .005       | .200    | .28040 | .000    | 1        |
| S4        | 5.0000       | 4.9826      | -.017      | -.349   | .55669 | .002    | 1        |
| S5        | 10.000       | 10.008      | .008       | .082    | 1.1172 | .002    | 1        |
| S2        | .80000       | .80463      | .005       | .579    | .09077 | .000    | 1        |

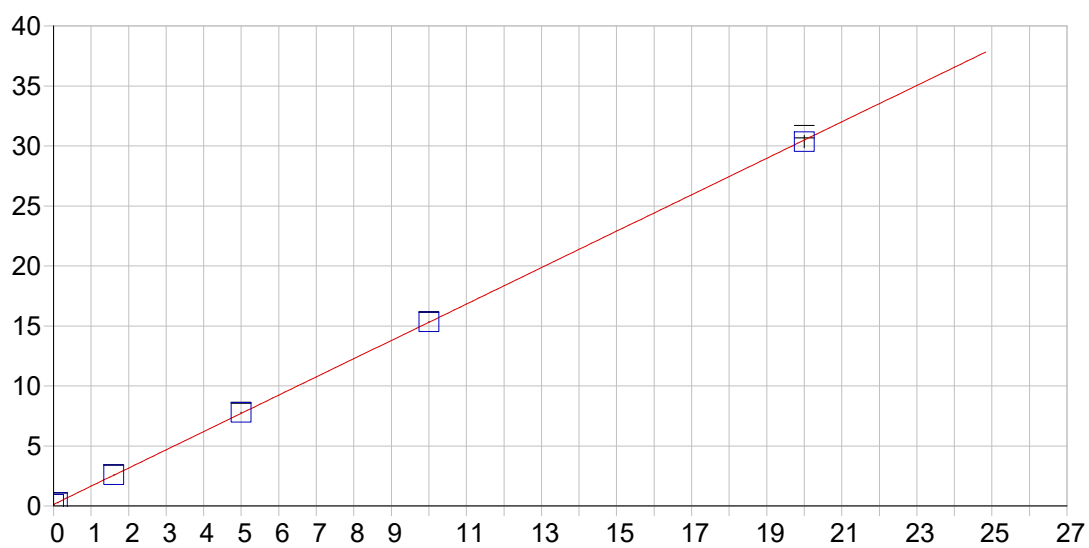


AI 396.152 { 85}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000512 Re-Slope: 1.000000  
 A1 (Gain): 0.081883 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999953 Status: OK.  
 Std Error of Est: 0.000060  
 Predicted MDL: 0.010050  
 Predicted MQL: 0.033501

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00051 | .001    | 1        |
| S1        | .10000       | .11163      | .012       | 11.6    | .00926  | .000    | 1        |
| S3        | 5.0000       | 5.0399      | .040       | .799    | .42041  | .002    | 1        |
| S4        | 10.000       | 9.9480      | -.052      | -.520   | .83053  | .006    | 1        |
| S5        | 20.000       | 19.950      | -.050      | -.249   | 1.6660  | .022    | 1        |
| S2        | 1.6000       | 1.6496      | .050       | 3.10    | .13720  | .001    | 1        |

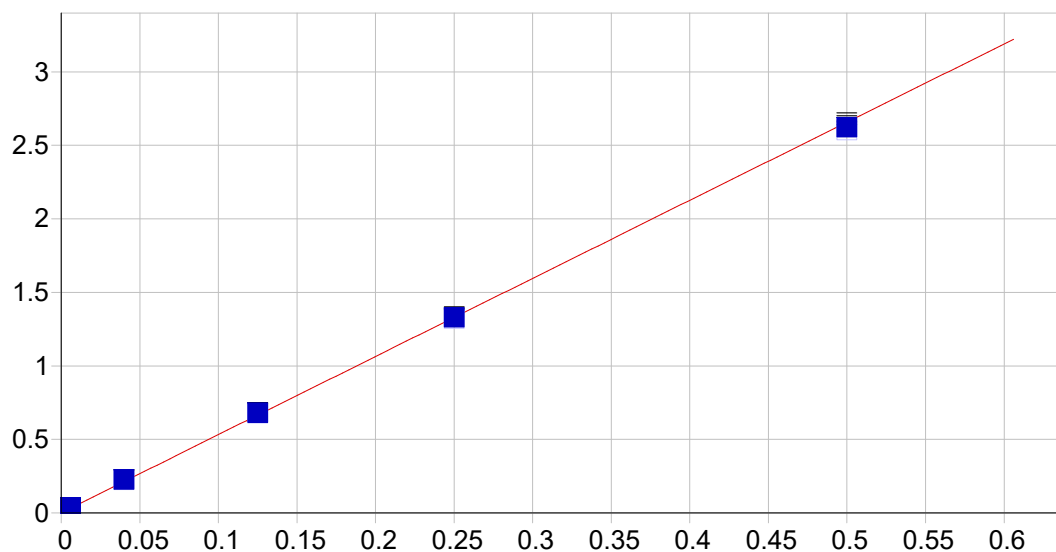


**Ba 493.409 { 68}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.123175 Re-Slope: 1.000000  
 A1 (Gain): 1.518076 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999982 Status: OK.  
 Std Error of Est: 0.000674  
 Predicted MDL: 0.002007  
 Predicted MQL: 0.006691

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .12318 | .002    | 1        |
| S1        | .10000       | .09665      | -.003      | -3.35   | .26990 | .002    | 1        |
| S3        | 5.0000       | 5.0416      | .042       | .832    | 7.7767 | .031    | 1        |
| S4        | 10.000       | 10.022      | .022       | .223    | 15.338 | .029    | 1        |
| S5        | 20.000       | 19.913      | -.087      | -.434   | 30.353 | .514    | 1        |
| S2        | 1.6000       | 1.6263      | .026       | 1.64    | 2.5920 | .004    | 1        |

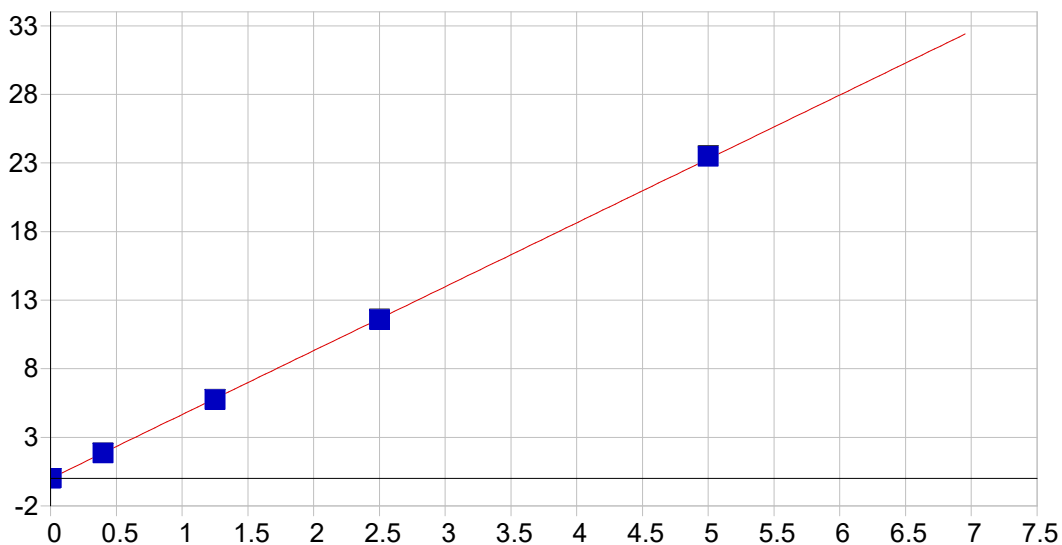


#### Be 234.861 {144}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001208 Re-Slope: 1.000000  
 A1 (Gain): 5.313645 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999765 Status: OK.  
 Std Error of Est: 0.000329  
 Predicted MDL: 0.000061  
 Predicted MQL: 0.000204

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00120 | .000    | 1        |
| S1        | .00600       | .00685      | .001       | 14.2    | .03724 | .000    | 1        |
| S3        | .12500       | .12817      | .003       | 2.53    | .67725 | .002    | 1        |
| S4        | .25000       | .25014      | .000       | .057    | 1.3204 | .005    | 1        |
| S5        | .50000       | .49347      | -.007      | -1.31   | 2.6034 | .030    | 1        |
| S2        | .04000       | .04237      | .002       | 5.92    | .22475 | .001    | 1        |

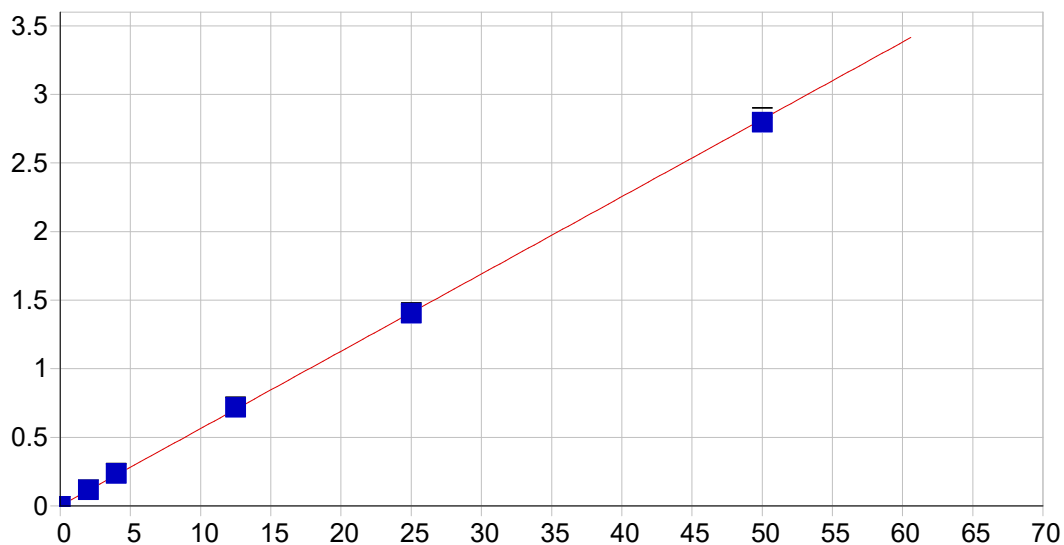


**Cd 226.502 {449}**

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000023 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.659296  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999961  | Status:   | OK.      |
| Std Error of Est: | 0.000372  |           |          |
| Predicted MDL:    | 0.000084  |           |          |
| Predicted MQL:    | 0.000281  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00002 | .000    | 1        |
| S1        | .00600       | .00648      | .000       | 8.02    | .03029  | .000    | 1        |
| S3        | 1.2500       | 1.2341      | -.016      | -1.27   | 5.7549  | .012    | 1        |
| S4        | 2.5000       | 2.4834      | -.017      | -.664   | 11.581  | .032    | 1        |
| S5        | 5.0000       | 5.0376      | .038       | .751    | 23.491  | .053    | 1        |
| S2        | .40000       | .39447      | -.006      | -1.38   | 1.8395  | .004    | 1        |

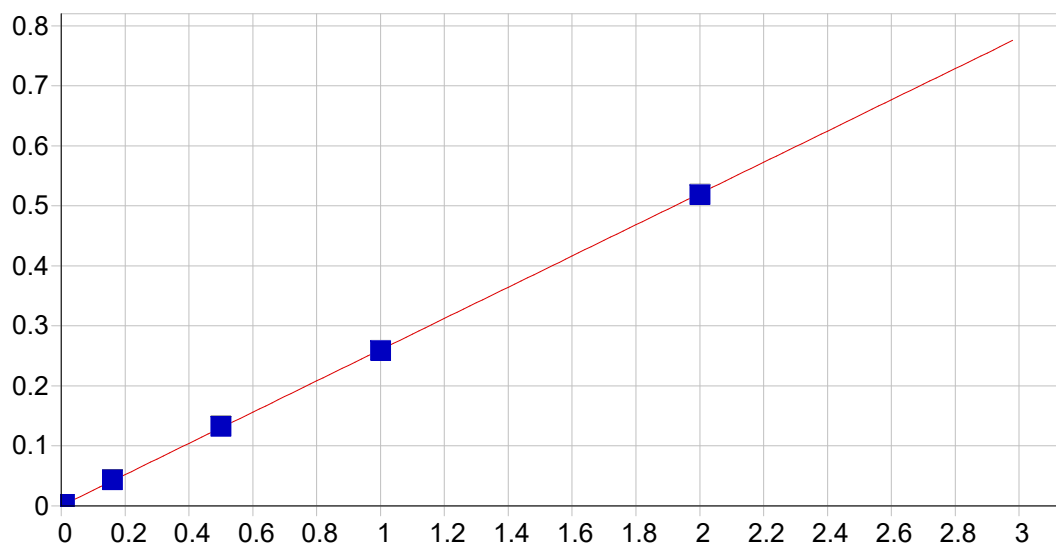


Ca 373.690 { 90}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000386 Re-Slope: 1.000000  
 A1 (Gain): 0.056353 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999909 Status: OK.  
 Std Error of Est: 0.000401  
 Predicted MDL: 0.010966  
 Predicted MQL: 0.036552

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00015     | -.000      | .000    | .00038 | .000    | 1        |
| S2        | 4.0000       | 4.1830      | .183       | 4.58    | .23577 | .002    | 1        |
| S3        | 12.500       | 12.736      | .236       | 1.89    | .71704 | .004    | 1        |
| S4        | 25.000       | 24.899      | -.101      | -.406   | 1.4013 | .005    | 1        |
| S5        | 50.000       | 49.637      | -.363      | -.725   | 2.7933 | .035    | 1        |
| S1        | 2.0000       | 2.0448      | .045       | 2.24    | .11557 | .001    | 1        |

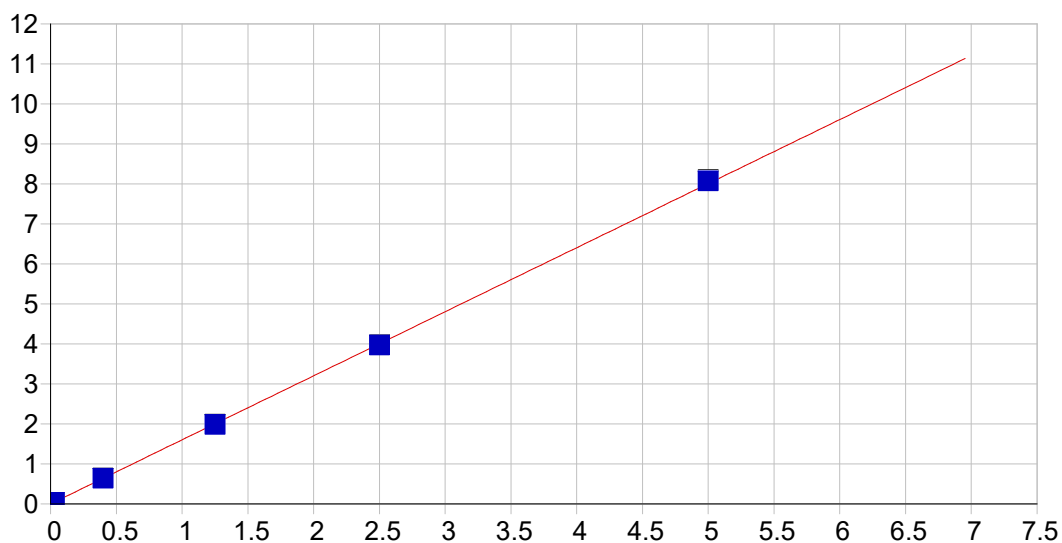


**Cr 267.716 {126}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000033 Re-Slope: 1.000000  
A1 (Gain): 0.260222 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999944 Status: OK.  
Std Error of Est: 0.000020  
Predicted MDL: 0.000368  
Predicted MQL: 0.001228

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .01000       | .01036      | .000       | 3.65    | .00274 | .000    | 1        |
| S3        | .50000       | .50836      | .008       | 1.67    | .13245 | .000    | 1        |
| S4        | 1.0000       | .99416      | -.006      | -.584   | .25900 | .000    | 1        |
| S5        | 2.0000       | 1.9917      | -.008      | -.417   | .51883 | .001    | 1        |
| S2        | .16000       | .16546      | .005       | 3.41    | .04313 | .000    | 1        |

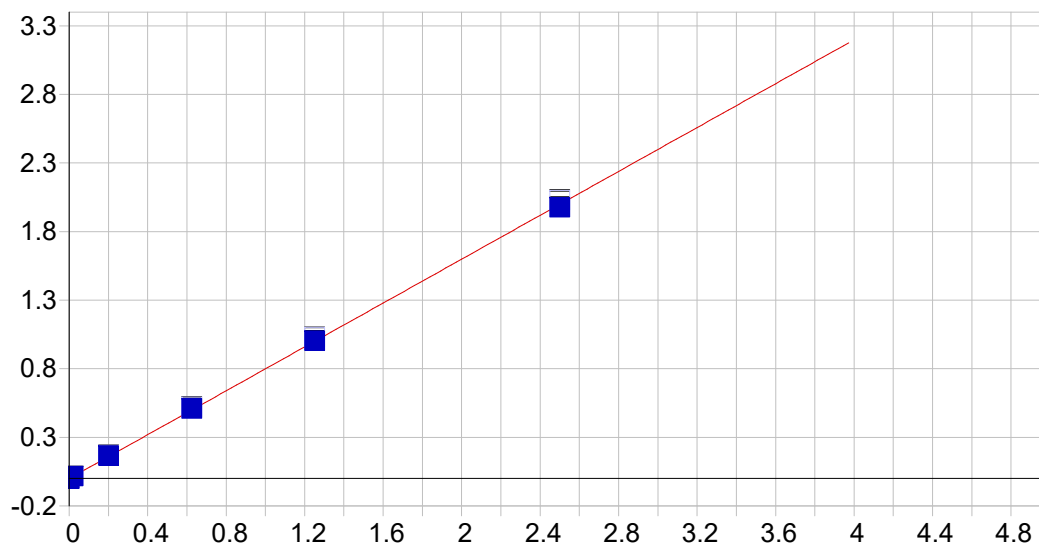


Co 228.616 {448}

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000441 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.601332 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999962 | Status:   | OK.      |
| Std Error of Est: | 0.000285 |           |          |
| Predicted MDL:    | 0.000217 |           |          |
| Predicted MQL:    | 0.000724 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00044 | .000    | 1        |
| S1        | .03000       | .03003      | .000       | .104    | .04840 | .000    | 1        |
| S3        | 1.2500       | 1.2369      | -.013      | -1.05   | 1.9855 | .004    | 1        |
| S4        | 2.5000       | 2.4762      | -.024      | -.952   | 3.9744 | .011    | 1        |
| S5        | 5.0000       | 5.0399      | .040       | .799    | 8.0886 | .017    | 1        |
| S2        | .40000       | .39690      | -.003      | -.775   | .63741 | .001    | 1        |

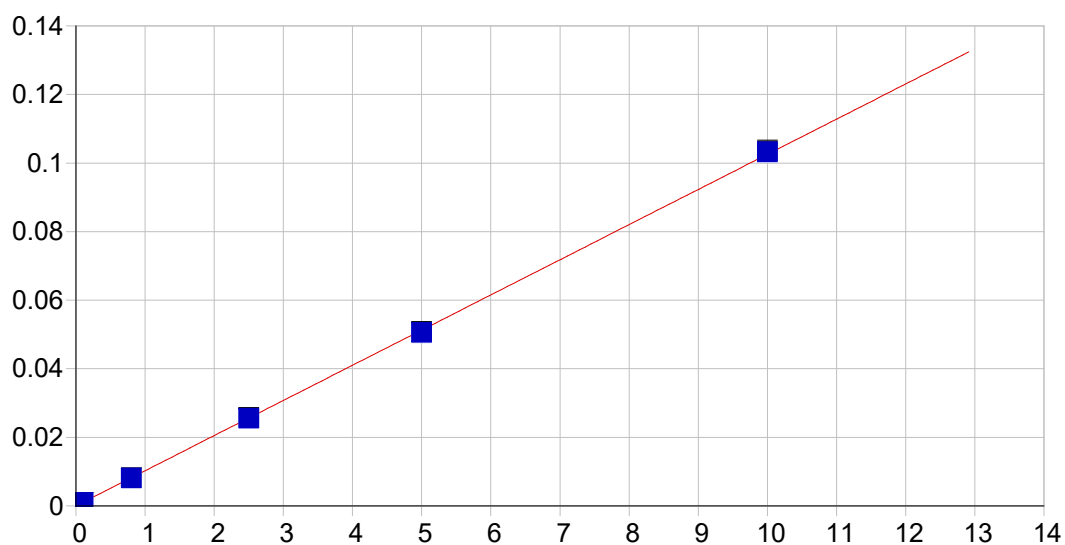


**Cu 224.700 {450}**

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000587 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.799736  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999852  | Status:   | OK.      |
| Std Error of Est: | 0.000166  |           |          |
| Predicted MDL:    | 0.000460  |           |          |
| Predicted MQL:    | 0.001532  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00059 | .000    | 1        |
| S1        | .02000       | .02290      | .003       | 14.5    | .01815  | .000    | 1        |
| S3        | .62500       | .63701      | .012       | 1.92    | .52200  | .001    | 1        |
| S4        | 1.2500       | 1.2546      | .005       | .368    | 1.0291  | .003    | 1        |
| S5        | 2.5000       | 2.4712      | -.029      | -1.15   | 2.0283  | .005    | 1        |
| S2        | .20000       | .20931      | .009       | 4.66    | .17102  | .001    | 1        |

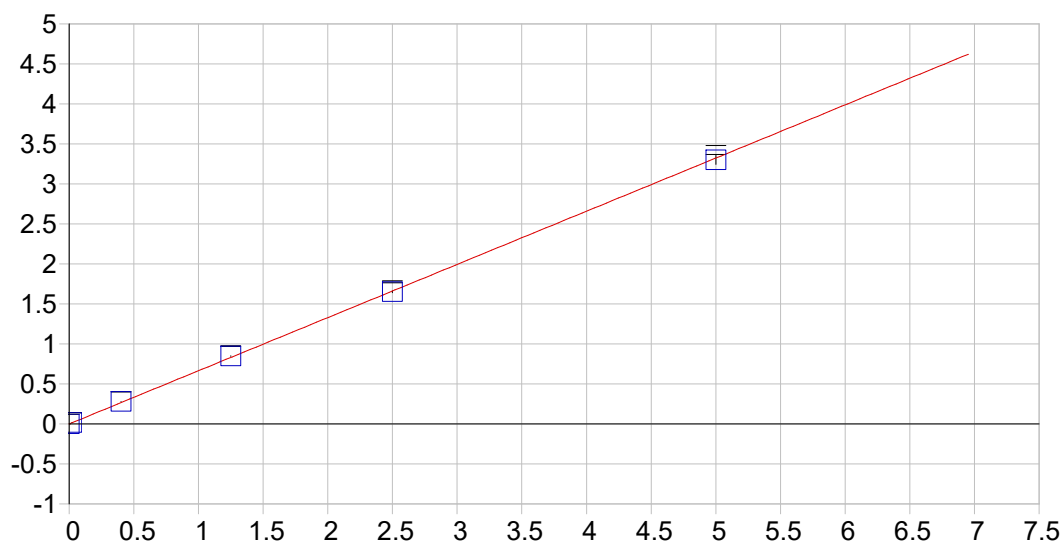


**Fe 240.488 {140}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000  
 A1 (Gain): 0.010254 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.004309  
 Predicted MQL: 0.014362

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00001 | .000    | 1        |
| S1        | .10000       | .09963      | -.000      | -.371   | .00103 | .000    | 1        |
| S3        | 2.5000       | 2.4909      | -.009      | -.365   | .02545 | .000    | 1        |
| S4        | 5.0000       | 4.9368      | -.063      | -1.26   | .05043 | .000    | 1        |
| S5        | 10.000       | 10.079      | .079       | .791    | .10295 | .000    | 1        |
| S2        | .80000       | .79363      | -.006      | -.796   | .00811 | .000    | 1        |

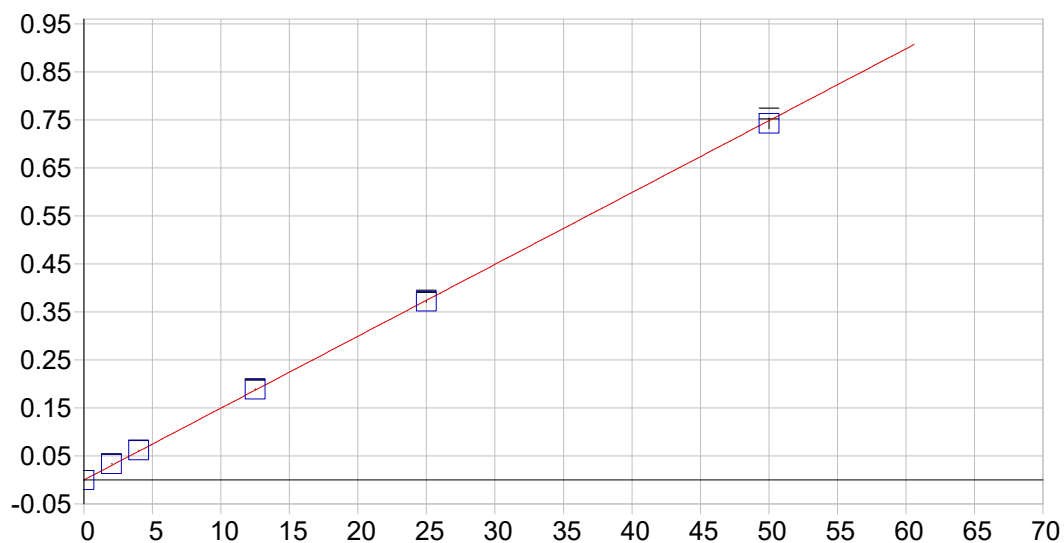


**Mn 257.610 {131}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000104 Re-Slope: 1.000000  
 A1 (Gain): 0.664646 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999890 Status: OK.  
 Std Error of Est: 0.000164  
 Predicted MDL: 0.000371  
 Predicted MQL: 0.001236

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00011 | .000    | 1        |
| S1        | .02000       | .02233      | .002       | 11.6    | .01474  | .000    | 1        |
| S3        | 1.2500       | 1.2772      | .027       | 2.18    | .84879  | .004    | 1        |
| S4        | 2.5000       | 2.4862      | -.014      | -.554   | 1.6523  | .012    | 1        |
| S5        | 5.0000       | 4.9659      | -.034      | -.682   | 3.3004  | .055    | 1        |
| S2        | .40000       | .41843      | .018       | 4.61    | .27800  | .003    | 1        |

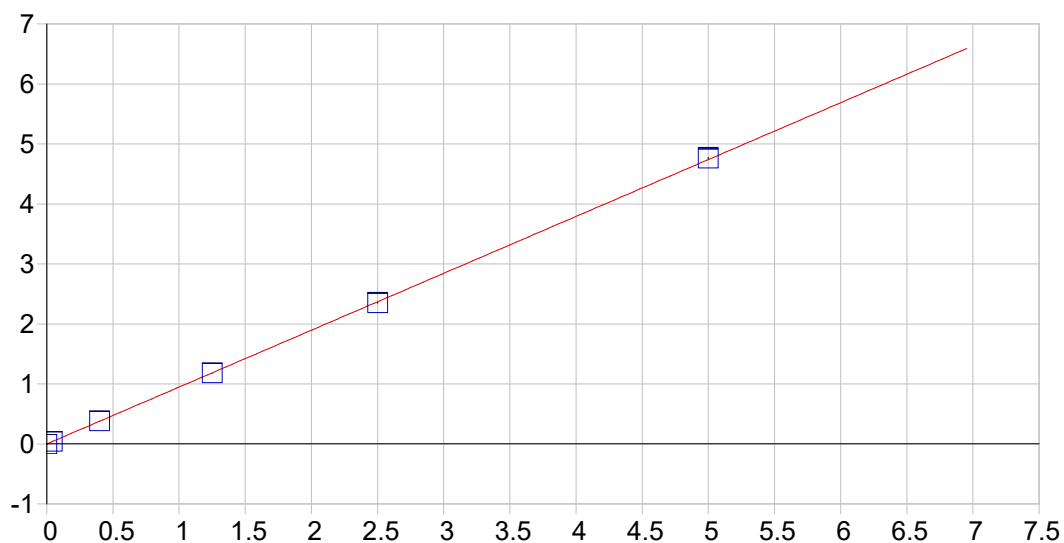


**Mg 279.079 {121}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000183 Re-Slope: 1.000000  
 A1 (Gain): 0.014972 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999796 Status: OK.  
 Std Error of Est: 0.000160  
 Predicted MDL: 0.019722  
 Predicted MQL: 0.065741

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00030     | -.000      | .000    | -.00019 | .000    | 1        |
| S2        | 4.0000       | 4.1317      | .132       | 3.29    | .06168  | .000    | 1        |
| S3        | 12.500       | 12.633      | .133       | 1.07    | .18897  | .001    | 1        |
| S4        | 25.000       | 24.875      | -.125      | -.502   | .37224  | .002    | 1        |
| S5        | 50.000       | 49.620      | -.380      | -.760   | .74274  | .011    | 1        |
| S1        | 2.0000       | 2.2402      | .240       | 12.0    | .03336  | .000    | 1        |

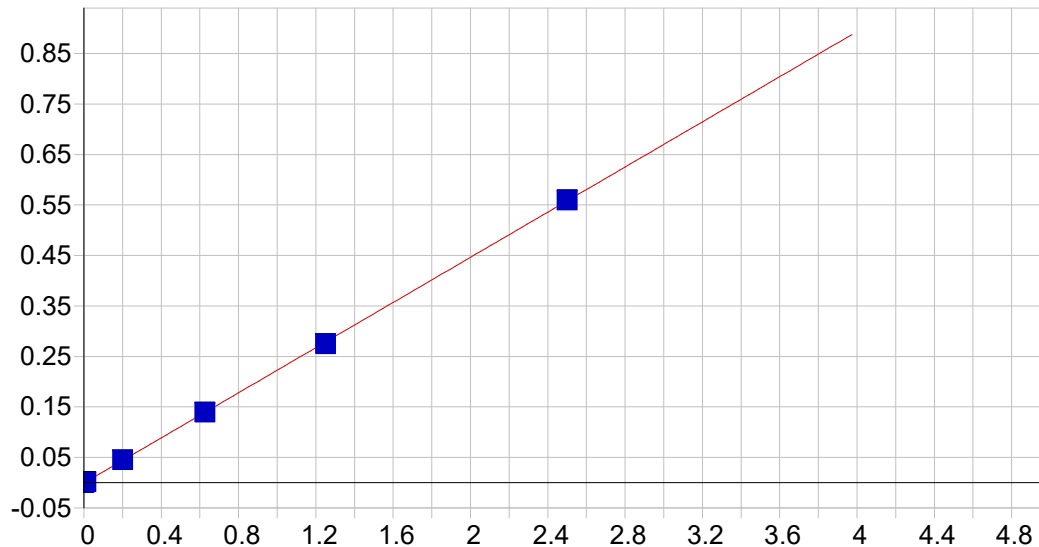


# **Ni 231.604 {446}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000464 Re-Slope: 1.000000  
A1 (Gain): 0.947915 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999983 Status: OK.  
Std Error of Est: 0.000128  
Predicted MDL: 0.000363  
Predicted MQL: 0.001209

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00046 | .000    | 1        |
| S1        | .04000       | .04005      | .000       | .122    | .03750  | .000    | 1        |
| S3        | 1.2500       | 1.2451      | -.005      | -.393   | 1.1798  | .002    | 1        |
| S4        | 2.5000       | 2.4798      | -.020      | -.807   | 2.3502  | .008    | 1        |
| S5        | 5.0000       | 5.0246      | .025       | .493    | 4.7625  | .012    | 1        |
| S2        | .40000       | .40042      | .000       | .105    | .37910  | .002    | 1        |

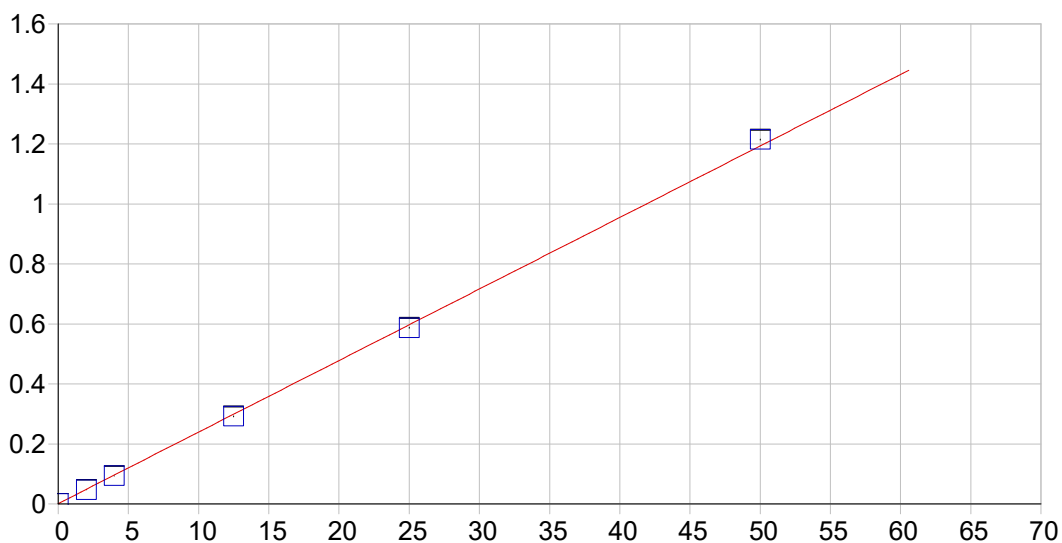


**Ag 328.068 {103}**

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000818 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.223576  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999949  | Status:   | OK.      |
| Std Error of Est: | 0.000019  |           |          |
| Predicted MDL:    | 0.000588  |           |          |
| Predicted MQL:    | 0.001961  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00082 | .000    | 1        |
| S1        | .01000       | .01064      | .001       | 6.35    | .00155  | .000    | 1        |
| S3        | .62500       | .62683      | .002       | .292    | .13883  | .000    | 1        |
| S4        | 1.2500       | 1.2337      | -.016      | -1.30   | .27401  | .000    | 1        |
| S5        | 2.5000       | 2.5077      | .008       | .309    | .55785  | .001    | 1        |
| S2        | .20000       | .20610      | .006       | 3.05    | .04510  | .000    | 1        |

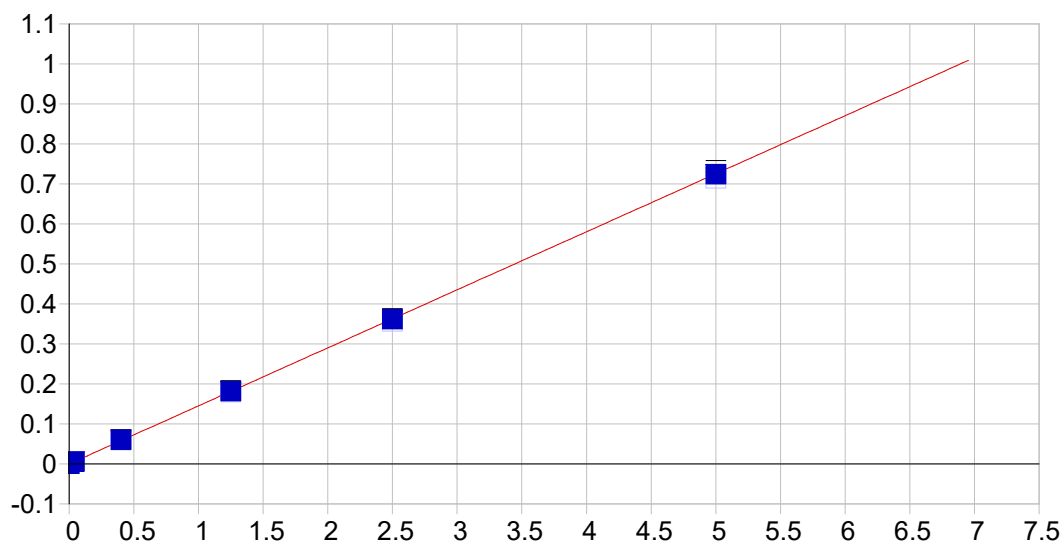


### Na 589.592 { 57}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001080 Re-Slope: 1.000000  
 A1 (Gain): 0.023840 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999811 Status: OK.  
 Std Error of Est: 0.000245  
 Predicted MDL: 0.011921  
 Predicted MQL: 0.039738

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00016      | .000       | .000    | .00108 | .000    | 1        |
| S2        | 4.0000       | 3.8859      | -.114      | -2.85   | .09372 | .000    | 1        |
| S3        | 12.500       | 12.194      | -.306      | -2.45   | .29178 | .001    | 1        |
| S4        | 25.000       | 24.585      | -.415      | -1.66   | .58719 | .001    | 1        |
| S5        | 50.000       | 50.894      | .894       | 1.79    | 1.2144 | .002    | 1        |
| S1        | 2.0000       | 1.9408      | -.059      | -2.96   | .04735 | .000    | 1        |

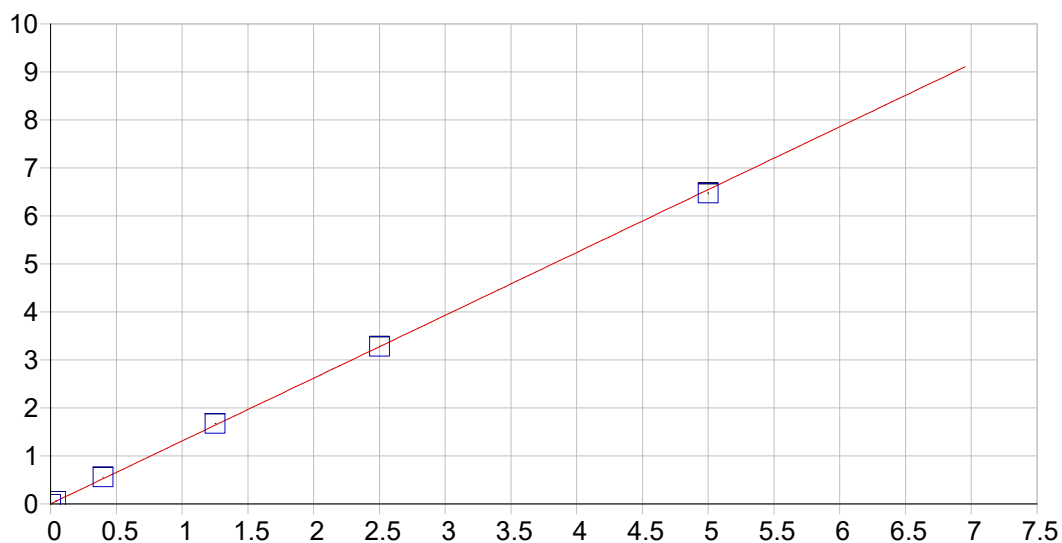


V 292.402 {115}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000  
 A1 (Gain): 0.145090 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999974 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.002415  
 Predicted MQL: 0.008050

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00001 | .000    | 1        |
| S1        | .04000       | .04139      | .001       | 3.46    | .00578  | .000    | 1        |
| S3        | 1.2500       | 1.2543      | .004       | .346    | .17938  | .001    | 1        |
| S4        | 2.5000       | 2.4901      | -.010      | -.395   | .35608  | .002    | 1        |
| S5        | 5.0000       | 4.9923      | -.008      | -.154   | .71392  | .009    | 1        |
| S2        | .40000       | .41189      | .012       | 2.97    | .05892  | .001    | 1        |

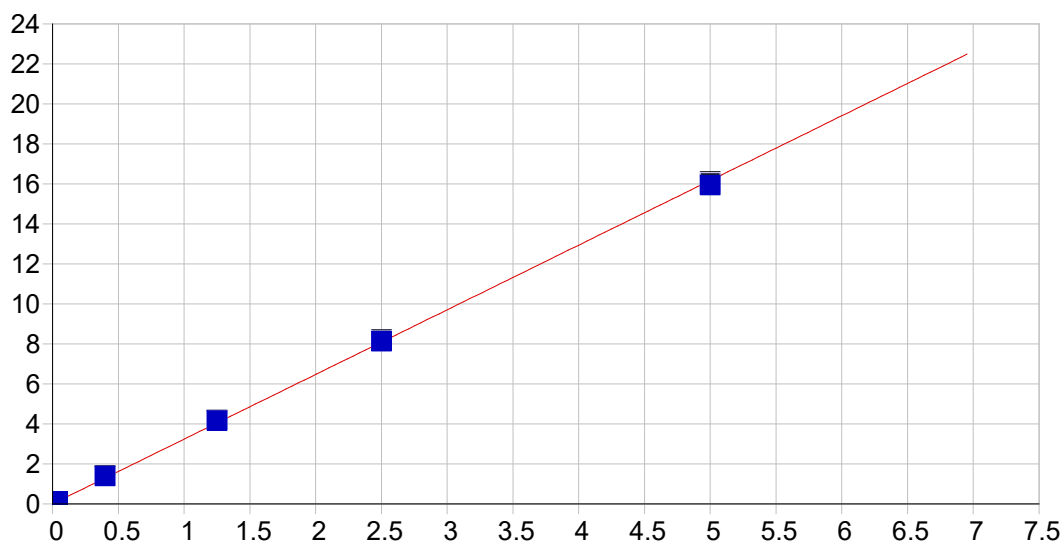


### Zn 206.200 {464}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001470 Re-Slope: 1.000000  
 A1 (Gain): 1.309311 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999836 Status: OK.  
 Std Error of Est: 0.000556  
 Predicted MDL: 0.000168  
 Predicted MQL: 0.000560

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00146 | .000    | 1        |
| S1        | .04000       | .04299      | .003       | 7.47    | .05775 | .001    | 1        |
| S3        | 1.2500       | 1.2763      | .026       | 2.10    | 1.6725 | .000    | 1        |
| S4        | 2.5000       | 2.5041      | .004       | .166    | 3.2802 | .007    | 1        |
| S5        | 5.0000       | 4.9417      | -.058      | -1.17   | 6.4717 | .012    | 1        |
| S2        | .40000       | .42487      | .025       | 6.22    | .55776 | .002    | 1        |

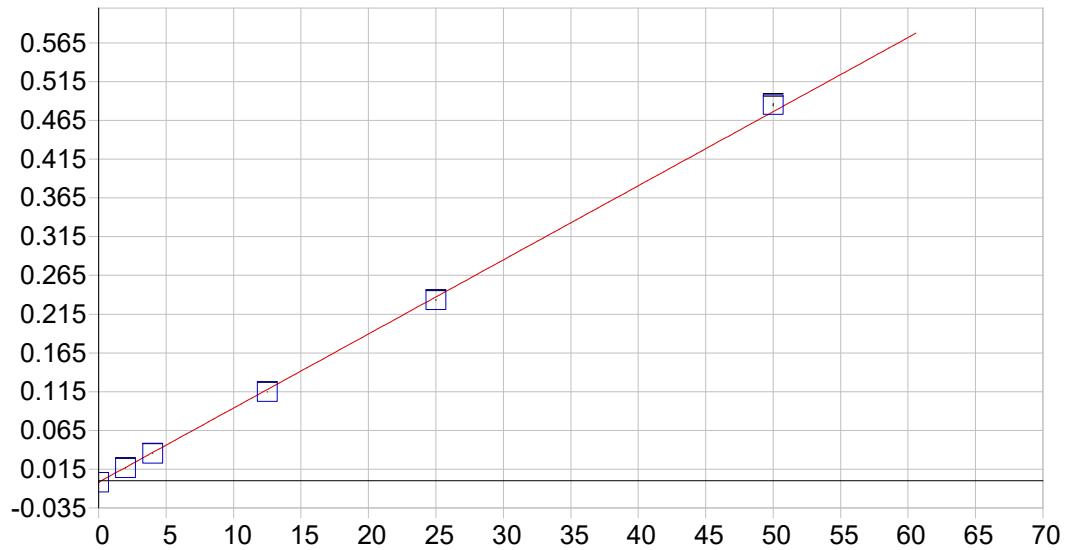


**Zn 213.856 {158}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004158 Re-Slope: 1.000000  
 A1 (Gain): 3.233705 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999770 Status: OK.  
 Std Error of Est: 0.001641  
 Predicted MDL: 0.000328  
 Predicted MQL: 0.001094

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00414 | .000    | 1        |
| S1        | .04000       | .04337      | .003       | 8.43    | .14547 | .002    | 1        |
| S3        | 1.2500       | 1.2830      | .033       | 2.64    | 4.1855 | .012    | 1        |
| S4        | 2.5000       | 2.5107      | .011       | .429    | 8.1878 | .029    | 1        |
| S5        | 5.0000       | 4.9248      | -.075      | -1.50   | 16.059 | .047    | 1        |
| S2        | .40000       | .42802      | .028       | 7.01    | 1.3986 | .006    | 1        |

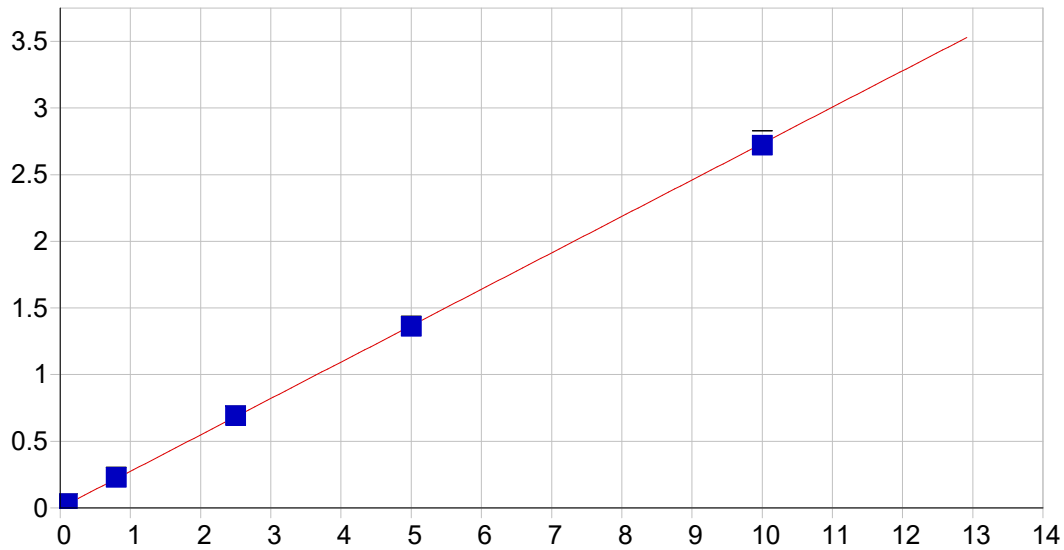


**K 766.490 { 44}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001829 Re-Slope: 1.000000  
 A1 (Gain): 0.009563 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999792 Status: OK.  
 Std Error of Est: 0.000103  
 Predicted MDL: 0.034150  
 Predicted MQL: 0.113833

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00019      | .000       | .000    | -.00183 | .000    | 1        |
| S2        | 4.0000       | 3.8847      | -.115      | -2.88   | .03532  | .000    | 1        |
| S3        | 12.500       | 12.185      | -.315      | -2.52   | .11470  | .000    | 1        |
| S4        | 25.000       | 24.581      | -.419      | -1.67   | .23324  | .001    | 1        |
| S5        | 50.000       | 50.930      | .930       | 1.86    | .48521  | .002    | 1        |
| S1        | 2.0000       | 1.9190      | -.081      | -4.05   | .01652  | .000    | 1        |

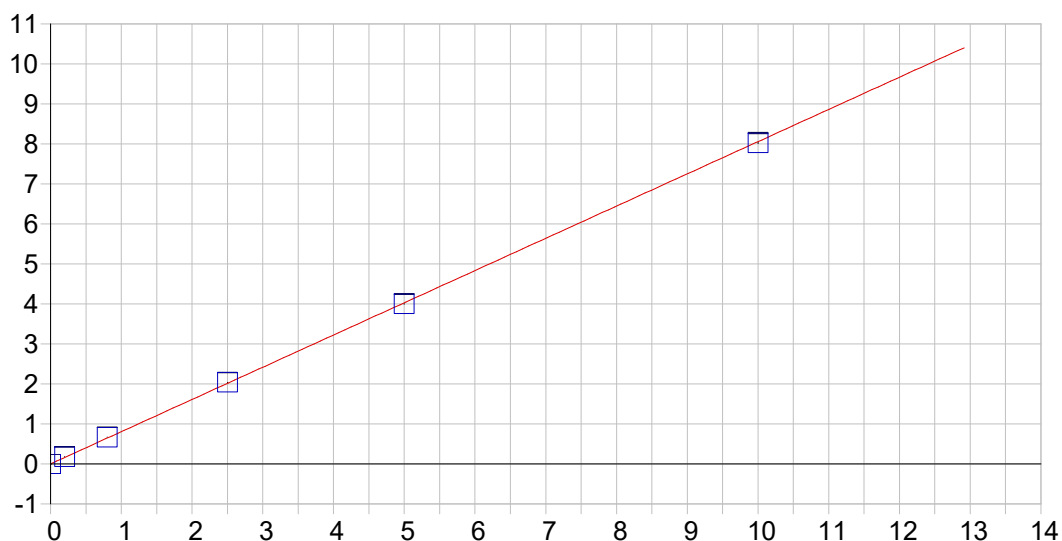


**B 249.678 {135}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000977 Re-Slope: 1.000000  
 A1 (Gain): 0.273217 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999923 Status: OK.  
 Std Error of Est: 0.000178  
 Predicted MDL: 0.001257  
 Predicted MQL: 0.004191

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00097 | .000    | 1        |
| S1        | .10000       | .10957      | .010       | 9.57    | .03083 | .000    | 1        |
| S3        | 2.5000       | 2.5248      | .025       | .991    | .69111 | .002    | 1        |
| S4        | 5.0000       | 4.9791      | -.021      | -.417   | 1.3620 | .003    | 1        |
| S5        | 10.000       | 9.9536      | -.046      | -.464   | 2.7218 | .033    | 1        |
| S2        | .80000       | .83292      | .033       | 4.11    | .22865 | .001    | 1        |

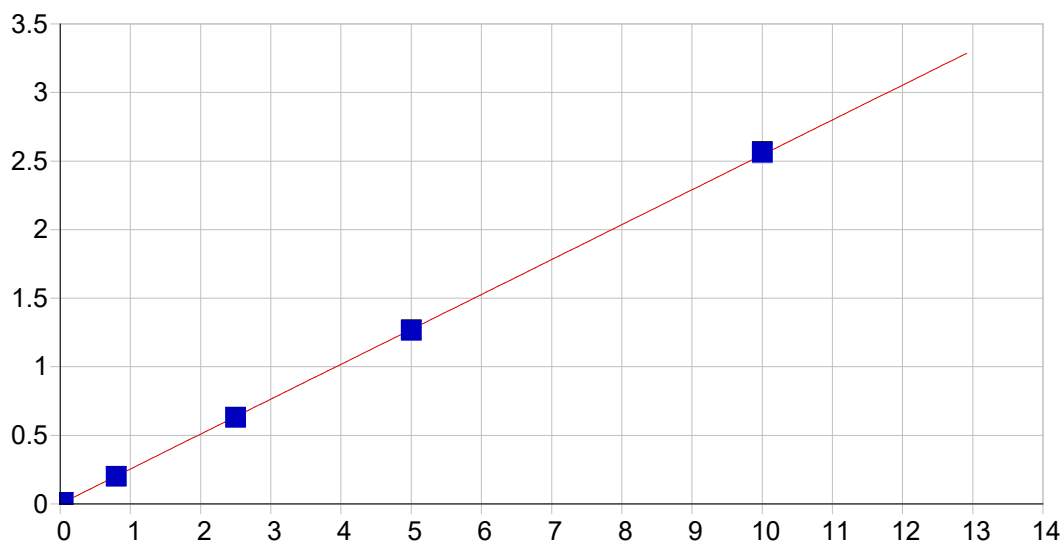


Mo 202.030 {467}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000052 Re-Slope: 1.000000  
 A1 (Gain): 0.805662 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999882 Status: OK.  
 Std Error of Est: 0.000923  
 Predicted MDL: 0.000279  
 Predicted MQL: 0.000931

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | -.00008 | .000    | 1        |
| S1        | .20000       | .22248      | .022       | 11.2    | .17919  | .002    | 1        |
| S3        | 2.5000       | 2.5287      | .029       | 1.15    | 2.0373  | .002    | 1        |
| S4        | 5.0000       | 4.9620      | -.038      | -.761   | 3.9976  | .009    | 1        |
| S5        | 10.000       | 9.9578      | -.042      | -.422   | 8.0226  | .015    | 1        |
| S2        | .80000       | .82902      | .029       | 3.63    | .66786  | .001    | 1        |

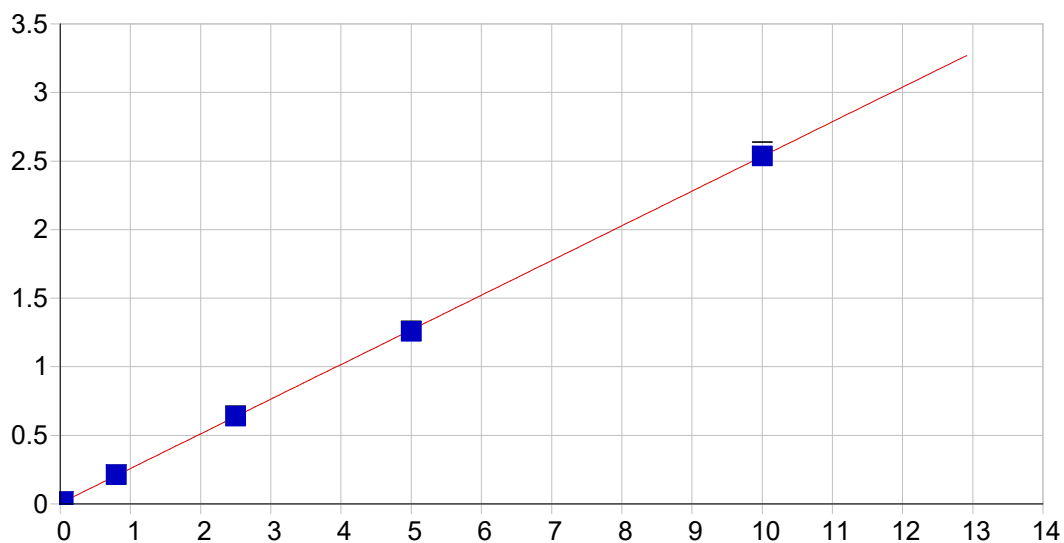


**Sn 189.989 {478}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000142 Re-Slope: 1.000000  
 A1 (Gain): 0.254468 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999968 Status: OK.  
 Std Error of Est: 0.000068  
 Predicted MDL: 0.000680  
 Predicted MQL: 0.002266

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00014 | .000    | 1        |
| S1        | .04000       | .03972      | -.000      | -.699   | .01022 | .000    | 1        |
| S3        | 2.5000       | 2.4766      | -.023      | -.937   | .62869 | .001    | 1        |
| S4        | 5.0000       | 4.9691      | -.031      | -.618   | 1.2613 | .004    | 1        |
| S5        | 10.000       | 10.070      | .070       | .696    | 2.5559 | .006    | 1        |
| S2        | .80000       | .78507      | -.015      | -1.87   | .19939 | .000    | 1        |

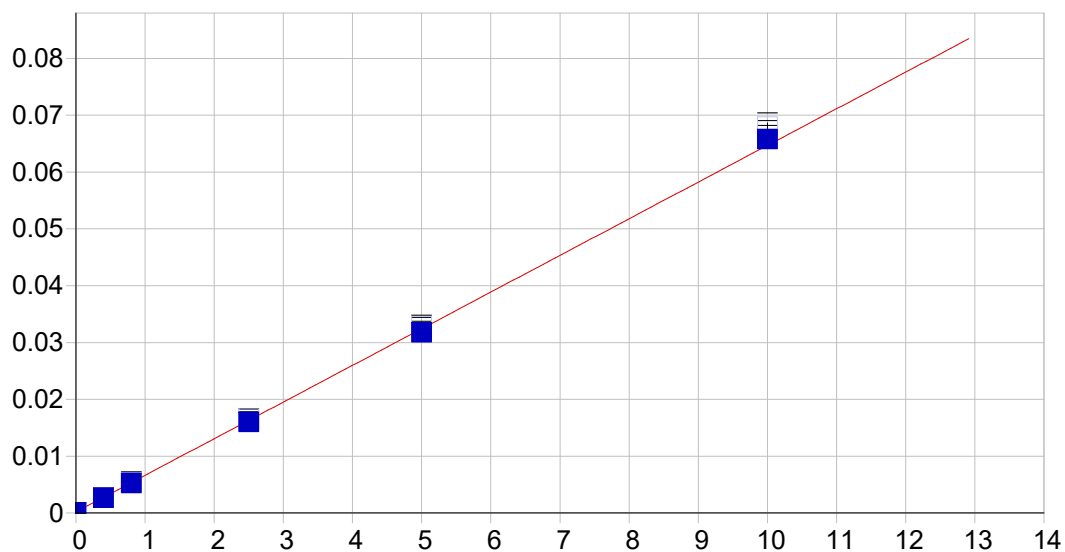


**Ti 336.121 {100}**

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.004852 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.252857 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999964 | Status:   | OK.      |
| Std Error of Est: | 0.000071 |           |          |
| Predicted MDL:    | 0.001547 |           |          |
| Predicted MQL:    | 0.005158 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00485 | .000    | 1        |
| S1        | .04000       | .04261      | .003       | 6.53    | .01562 | .000    | 1        |
| S3        | 2.5000       | 2.5118      | .012       | .473    | .64022 | .002    | 1        |
| S4        | 5.0000       | 4.9534      | -.047      | -.931   | 1.2578 | .003    | 1        |
| S5        | 10.000       | 10.009      | .009       | .092    | 2.5367 | .030    | 1        |
| S2        | .80000       | .82292      | .023       | 2.87    | .21301 | .001    | 1        |

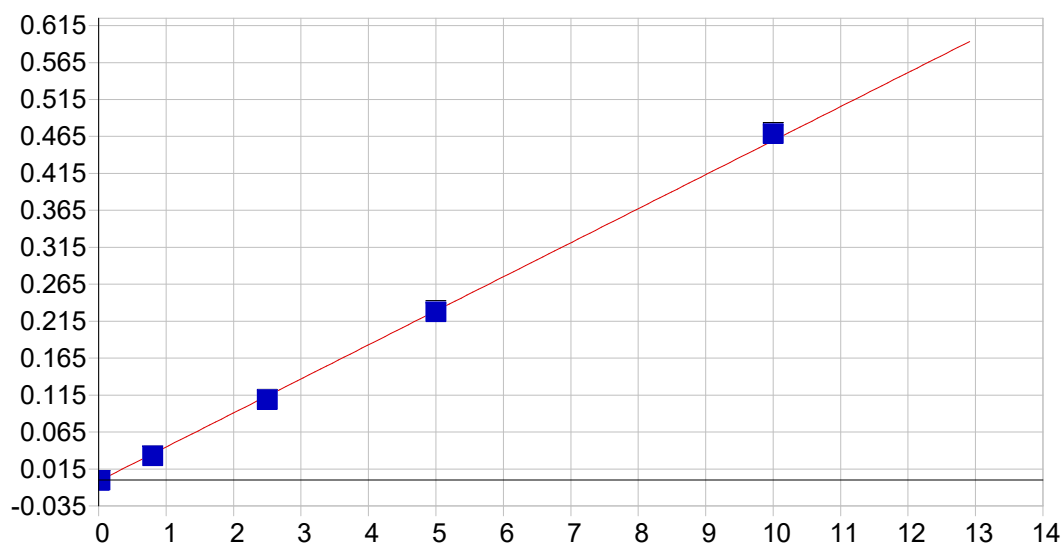


**Si 288.158 {117}**

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000164 Re-Slope: 1.000000  
 A1 (Gain): 0.006453 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999831 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.011068  
 Predicted MQL: 0.036894

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00016 | .000    | 1        |
| S1        | .40000       | .38297      | -.017      | -4.26   | .00264 | .000    | 1        |
| S3        | 2.5000       | 2.4547      | -.045      | -1.81   | .01655 | .000    | 1        |
| S4        | 5.0000       | 4.9001      | -.100      | -2.00   | .03287 | .000    | 1        |
| S5        | 10.000       | 10.174      | .174       | 1.74    | .06798 | .001    | 1        |
| S2        | .80000       | .78800      | -.012      | -1.50   | .00542 | .000    | 1        |

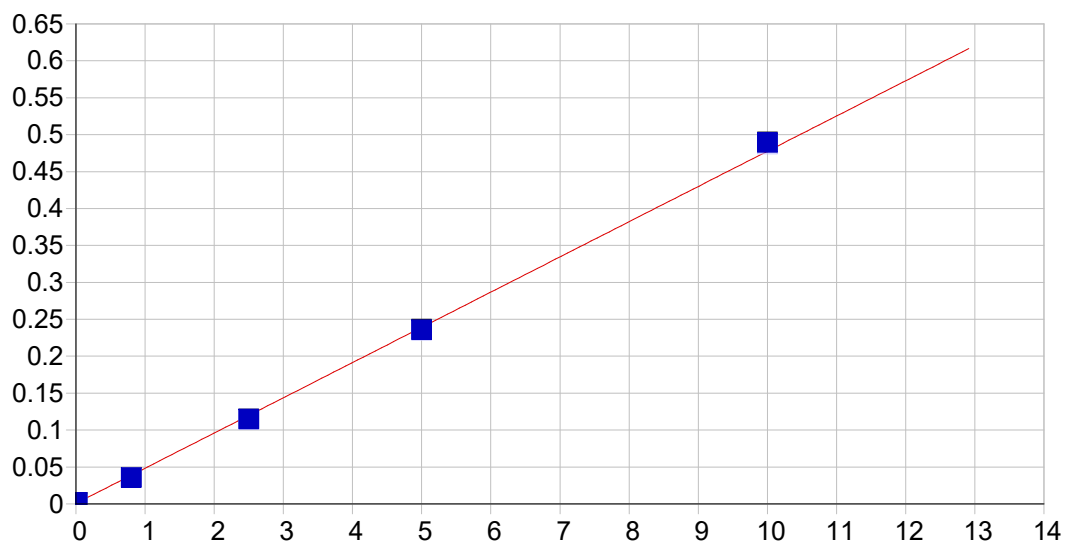


P 177.495 {490}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001351 Re-Slope: 1.000000  
 A1 (Gain): 0.046069 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999631 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.002898  
 Predicted MQL: 0.009661

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00135 | .000    | 1        |
| S1        | .02000       | .01879      | -.001      | -6.07   | -.00048 | .000    | 1        |
| S3        | 2.5000       | 2.3896      | -.110      | -4.42   | .10881  | .000    | 1        |
| S4        | 5.0000       | 4.9703      | -.030      | -.594   | .22777  | .001    | 1        |
| S5        | 10.000       | 10.201      | .201       | 2.01    | .46888  | .002    | 1        |
| S2        | .80000       | .74067      | -.059      | -7.42   | .03279  | .000    | 1        |

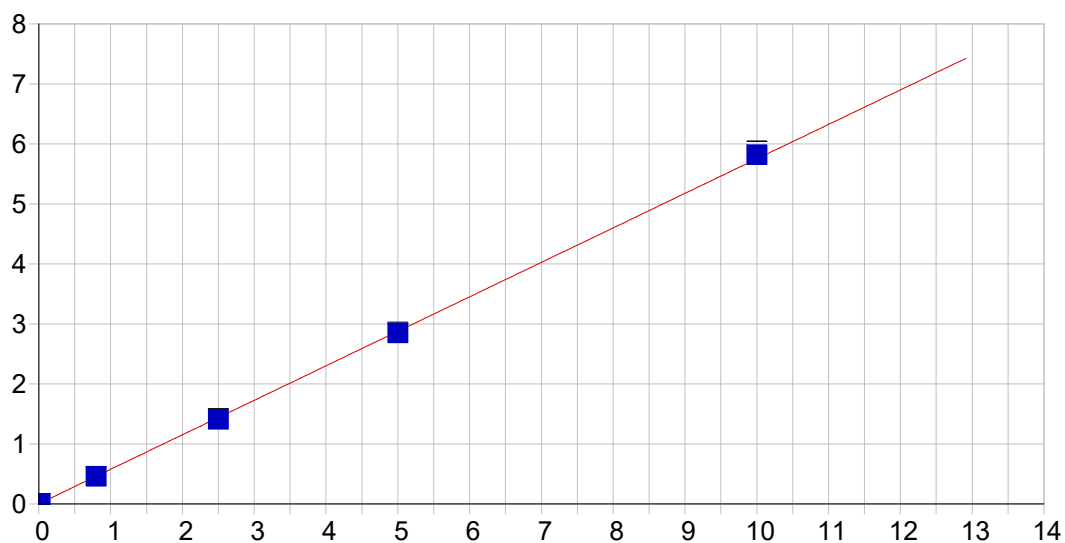


**S 182.034 {485}**

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000630 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.047694 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999532 | Status:   | OK.      |
| Std Error of Est: | 0.000034 |           |          |
| Predicted MDL:    | 0.003259 |           |          |
| Predicted MQL:    | 0.010862 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00063 | .000    | 1        |
| S1        | .02000       | .02061      | .001       | 3.06    | .00155 | .000    | 1        |
| S3        | 2.5000       | 2.3911      | -.109      | -4.36   | .11413 | .000    | 1        |
| S4        | 5.0000       | 4.9304      | -.070      | -1.39   | .23470 | .001    | 1        |
| S5        | 10.000       | 10.243      | .243       | 2.43    | .48700 | .001    | 1        |
| S2        | .80000       | .73469      | -.065      | -8.16   | .03550 | .000    | 1        |

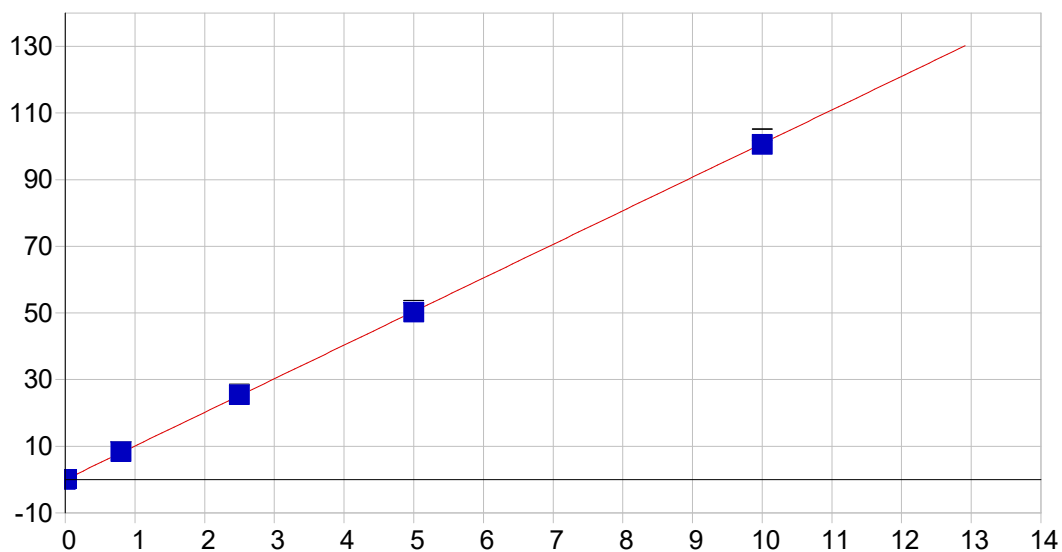


Li 670.784 { 50}

Date of Fit: 6/8/2023 15:44:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002539 Re-Slope: 1.000000  
 A1 (Gain): 0.574805 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999905 Status: OK.  
 Std Error of Est: 0.000185  
 Predicted MDL: 0.003183  
 Predicted MQL: 0.010609

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00254 | .000    | 1        |
| S5        | 10.000       | 10.114      | .114       | 1.14    | 5.8182 | .063    | 1        |
| S4        | 5.0000       | 4.9499      | -.050      | -1.00   | 2.8487 | .013    | 1        |
| S3        | 2.5000       | 2.4487      | -.051      | -2.05   | 1.4105 | .007    | 1        |
| S1        | .02000       | .01687      | -.003      | -15.6   | .01226 | .001    | 1        |
| S2        | .80000       | .79018      | -.010      | -1.23   | .45689 | .001    | 1        |

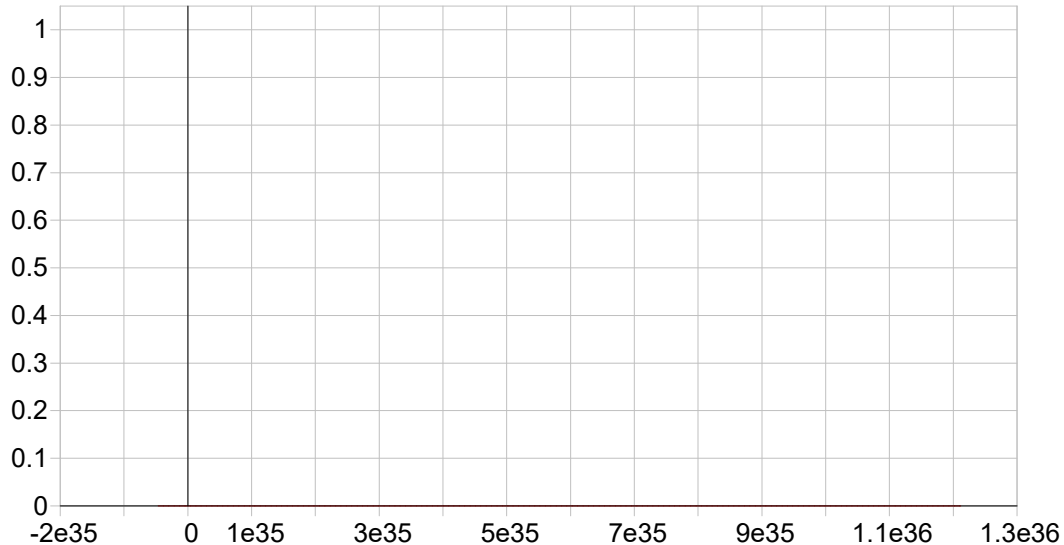


**Sr 407.771 { 83}**

Date of Fit: 6/8/2023 15:44:12      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001787 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 10.083118 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999961  | Status:   | OK.      |
| Std Error of Est: | 0.002091  |           |          |
| Predicted MDL:    | 0.000080  |           |          |
| Predicted MQL:    | 0.000265  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00181 | .000    | 1        |
| S1        | .02000       | .02121      | .001       | 6.06    | .21311  | .001    | 1        |
| S3        | 2.5000       | 2.5206      | .021       | .823    | 25.439  | .173    | 1        |
| S4        | 5.0000       | 4.9823      | -.018      | -.355   | 50.285  | .521    | 1        |
| S5        | 10.000       | 9.9673      | -.033      | -.327   | 100.60  | 1.70    | 1        |
| S2        | .80000       | .82859      | .029       | 3.57    | 8.3611  | .060    | 1        |



Ce 404.076 { 83}

Date of Fit: 6/8/2023 15:44:12      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: | 0.002788 |           |                        |
| Predicted MDL:    | 0.053515 |           |                        |
| Predicted MQL:    | 0.178384 |           |                        |

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



Y 224.306 {450}\*

Date of Fit: 6/8/2023 15:44:12      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: 6/8/2023 12:23:38      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      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    | -.00007 | .00009 | .00006 | .00021 | .00103 | -.00051 | .12318 | .00120 |
| Stddev | .00015  | .00012 | .00038 | .00021 | .00006 | .00052  | .00156 | .00015 |
| %RSD   | 206.95  | 138.75 | 625.75 | 96.669 | 6.0665 | 101.15  | 1.2679 | 12.509 |

|    |         |         |         |        |        |         |        |        |
|----|---------|---------|---------|--------|--------|---------|--------|--------|
| #1 | .00005  | .00005  | -.00017 | .00013 | .00110 | -.00108 | .12210 | .00126 |
| #2 | -.00003 | .00022  | -.00015 | .00045 | .00103 | -.00007 | .12497 | .00103 |
| #3 | -.00024 | -.00001 | .00050  | .00006 | .00097 | -.00039 | .12246 | .00131 |

|        |         |        |        |        |         |        |         |         |
|--------|---------|--------|--------|--------|---------|--------|---------|---------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576  | Mg2790  |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |
| Avg    | -.00002 | .00038 | .00003 | .00044 | -.00059 | .00001 | -.00011 | -.00019 |
| Stddev | .00030  | .00019 | .00002 | .00027 | .00015  | .00001 | .00012  | .00018  |
| %RSD   | 1208.4  | 51.150 | 56.696 | 61.823 | 25.123  | 85.486 | 115.25  | 94.204  |

|    |         |        |        |        |         |        |         |         |
|----|---------|--------|--------|--------|---------|--------|---------|---------|
| #1 | -.00031 | .00059 | .00003 | .00016 | -.00049 | .00000 | .00003  | -.00024 |
| #2 | -.00005 | .00033 | .00005 | .00047 | -.00052 | .00002 | -.00021 | .00001  |
| #3 | .00029  | .00021 | .00002 | .00070 | -.00076 | .00001 | -.00013 | -.00033 |

|        |         |         |        |         |        |         |        |         |
|--------|---------|---------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924  | Zn2138 | K_7664  | B_2496 | Mo2020  |
| Units  | Cts/S   | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | -.00046 | -.00082 | .00108 | -.00001 | .00414 | -.00183 | .00097 | -.00008 |
| Stddev | .00017  | .00004  | .00003 | .00024  | .00031 | .00033  | .00039 | .00012  |
| %RSD   | 37.339  | 4.5545  | 2.8594 | 1962.3  | 7.3845 | 17.887  | 40.432 | 157.67  |

|    |         |         |        |         |        |         |        |         |
|----|---------|---------|--------|---------|--------|---------|--------|---------|
| #1 | -.00051 | -.00085 | .00109 | .00004  | .00444 | -.00157 | .00060 | -.00009 |
| #2 | -.00027 | -.00078 | .00105 | -.00027 | .00383 | -.00220 | .00094 | .00005  |
| #3 | -.00061 | -.00083 | .00111 | .00019  | .00415 | -.00171 | .00138 | -.00019 |

|        |        |        |        |         |        |        |         |  |
|--------|--------|--------|--------|---------|--------|--------|---------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077  |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S   |  |
| Avg    | .00014 | .00485 | .00016 | -.00135 | .00063 | .00254 | -.00181 |  |
| Stddev | .00002 | .00020 | .00002 | .00006  | .00000 | .00047 | .00028  |  |
| %RSD   | 14.572 | 4.0463 | 10.955 | 4.1570  | .60183 | 18.604 | 15.415  |  |

|    |        |        |        |         |        |        |         |  |
|----|--------|--------|--------|---------|--------|--------|---------|--|
| #1 | .00012 | .00501 | .00015 | -.00129 | .00063 | .00308 | -.00177 |  |
| #2 | .00016 | .00491 | .00018 | -.00140 | .00063 | .00232 | -.00155 |  |
| #3 | .00015 | .00463 | .00015 | -.00136 | .00063 | .00222 | -.00210 |  |

Sample Name: S0      Acquired: 6/8/2023 12:23:38      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3655.1 | 56083. | 10144. | 3484.1 | 3340.2 |
| Stddev    | 26.1   | 301.   | 57.    | 29.8   | 26.1   |
| %RSD      | .71330 | .53685 | .56003 | .85514 | .78230 |
| #1        | 3655.7 | 56167. | 10114. | 3470.1 | 3338.6 |
| #2        | 3628.8 | 56334. | 10108. | 3518.3 | 3314.9 |
| #3        | 3681.0 | 55750. | 10209. | 3463.9 | 3367.1 |

Sample Name: S1      Acquired: 6/8/2023 12:27:39      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      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    | .00109 | .00366 | .00375 | .00131 | .00657 | .00926 | .26990 | .03724 |
| Stddev | .00011 | .00005 | .00026 | .00016 | .00016 | .00017 | .00195 | .00022 |
| %RSD   | 10.484 | 1.4365 | 6.8487 | 12.463 | 2.4003 | 1.8704 | .72370 | .59710 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00112 | .00362 | .00360 | .00113 | .00649 | .00936 | .26864 | .03698 |
| #2 | .00118 | .00372 | .00405 | .00136 | .00647 | .00935 | .27215 | .03738 |
| #3 | .00096 | .00364 | .00361 | .00144 | .00675 | .00906 | .26891 | .03736 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .03029 | .11557 | .00274 | .04840 | .01815 | .00103 | .01474 | .03336 |
| Stddev | .00018 | .00077 | .00003 | .00033 | .00015 | .00004 | .00025 | .00015 |
| %RSD   | .60500 | .66565 | .95939 | .67885 | .80296 | 3.8018 | 1.6637 | .43937 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03012 | .11469 | .00275 | .04811 | .01812 | .00101 | .01466 | .03321 |
| #2 | .03048 | .11591 | .00271 | .04833 | .01803 | .00107 | .01454 | .03351 |
| #3 | .03027 | .11611 | .00275 | .04876 | .01831 | .00099 | .01501 | .03335 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .03750 | .00155 | .04735 | .00578 | .14547 | .01652 | .03083 | .17919 |
| Stddev | .00048 | .00013 | .00033 | .00037 | .00181 | .00044 | .00011 | .00161 |
| %RSD   | 1.2772 | 8.3559 | .69477 | 6.4036 | 1.2432 | 2.6673 | .36174 | .89853 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03695 | .00165 | .04697 | .00556 | .14355 | .01602 | .03089 | .17735 |
| #2 | .03771 | .00160 | .04754 | .00558 | .14714 | .01669 | .03070 | .18033 |
| #3 | .03783 | .00140 | .04754 | .00621 | .14571 | .01686 | .03089 | .17990 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .01022 | .01562 | .00264 | -.00048 | .00155 | .01226 | .21311 |  |
| Stddev | .00014 | .00006 | .00006 | .00009  | .00013 | .00098 | .00142 |  |
| %RSD   | 1.3568 | .35478 | 2.2804 | 18.100  | 8.5063 | 7.9898 | .66846 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .01006 | .01557 | .00261 | -.00051 | .00140 | .01153 | .21148 |  |
| #2 | .01028 | .01568 | .00271 | -.00055 | .00163 | .01187 | .21411 |  |
| #3 | .01032 | .01562 | .00261 | -.00038 | .00163 | .01337 | .21374 |  |

Sample Name: S1      Acquired: 6/8/2023 12:27:39      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3715.3 | 57372. | 10297. | 3563.7 | 3391.3 |
| Stddev    | 28.8   | 370.   | 77.    | 11.5   | 20.9   |
| %RSD      | .77413 | .64474 | .74447 | .32213 | .61677 |
| #1        | 3748.5 | 57797. | 10374. | 3571.6 | 3415.3 |
| #2        | 3699.2 | 57129. | 10221. | 3550.5 | 3381.9 |
| #3        | 3698.2 | 57189. | 10295. | 3568.9 | 3376.8 |

Sample Name: S2      Acquired: 6/8/2023 12:31:38      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      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    | <b>.04743</b> | <b>.07710</b> | <b>.23005</b> | <b>.04525</b> | <b>.09077</b> | <b>.13720</b> | <b>2.5920</b> | <b>.22475</b> |
| Stddev | .00029        | .00021        | .00056        | .00009        | .00021        | .00114        | .0040         | .00053        |
| %RSD   | .62200        | .27351        | .24320        | .20462        | .23135        | .83389        | .15444        | .23644        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.04714</b> | <b>.07695</b> | <b>.22940</b> | <b>.04515</b> | <b>.09055</b> | <b>.13634</b> | <b>2.5954</b> | <b>.22436</b> |
| #2 | <b>.04773</b> | <b>.07734</b> | <b>.23039</b> | <b>.04534</b> | <b>.09097</b> | <b>.13677</b> | <b>2.5929</b> | <b>.22535</b> |
| #3 | <b>.04741</b> | <b>.07702</b> | <b>.23035</b> | <b>.04527</b> | <b>.09079</b> | <b>.13850</b> | <b>2.5876</b> | <b>.22453</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.8395</b> | <b>.23577</b> | <b>.04313</b> | <b>.63741</b> | <b>.17102</b> | <b>.00811</b> | <b>.27800</b> | <b>.06168</b> |
| Stddev | .0037         | .00209        | .00011        | .00050        | .00068        | .00007        | .00258        | .00009        |
| %RSD   | .20383        | .88549        | .26268        | .07877        | .39783        | .90154        | .92945        | .14495        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.8353</b> | <b>.23337</b> | <b>.04305</b> | <b>.63684</b> | <b>.17026</b> | <b>.00803</b> | <b>.27558</b> | <b>.06167</b> |
| #2 | <b>1.8425</b> | <b>.23717</b> | <b>.04308</b> | <b>.63764</b> | <b>.17158</b> | <b>.00817</b> | <b>.27771</b> | <b>.06177</b> |
| #3 | <b>1.8409</b> | <b>.23677</b> | <b>.04326</b> | <b>.63776</b> | <b>.17120</b> | <b>.00814</b> | <b>.28073</b> | <b>.06159</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.37910</b> | <b>.04510</b> | <b>.09372</b> | <b>.05892</b> | <b>1.3986</b> | <b>.03532</b> | <b>.22865</b> | <b>.66786</b> |
| Stddev | .00172        | .00018        | .00050        | .00093        | .0062         | .00030        | .00096        | .00131        |
| %RSD   | .45457        | .40466        | .52867        | 1.5737        | .44153        | .84495        | .41987        | .19659        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.37715</b> | <b>.04490</b> | <b>.09348</b> | <b>.05903</b> | <b>1.4015</b> | <b>.03512</b> | <b>.22918</b> | <b>.66669</b> |
| #2 | <b>.38043</b> | <b>.04513</b> | <b>.09339</b> | <b>.05978</b> | <b>1.3915</b> | <b>.03518</b> | <b>.22923</b> | <b>.66928</b> |
| #3 | <b>.37971</b> | <b>.04526</b> | <b>.09429</b> | <b>.05794</b> | <b>1.4028</b> | <b>.03566</b> | <b>.22754</b> | <b>.66760</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.19939</b> | <b>.21301</b> | <b>.00542</b> | <b>.03279</b> | <b>.03550</b> | <b>.45689</b> | <b>8.3611</b> |  |
| Stddev | .00039        | .00121        | .00008        | .00024        | .00012        | .00102        | .0596         |  |
| %RSD   | .19691        | .56617        | 1.4559        | .71763        | .33487        | .22296        | .71323        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>.19906</b> | <b>.21167</b> | <b>.00546</b> | <b>.03252</b> | <b>.03536</b> | <b>.45615</b> | <b>8.2985</b> |  |
| #2 | <b>.19982</b> | <b>.21402</b> | <b>.00533</b> | <b>.03296</b> | <b>.03558</b> | <b>.45647</b> | <b>8.3675</b> |  |
| #3 | <b>.19927</b> | <b>.21334</b> | <b>.00548</b> | <b>.03290</b> | <b>.03555</b> | <b>.45805</b> | <b>8.4172</b> |  |

Sample Name: S2      Acquired: 6/8/2023 12:31:38      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3739.8 | 56689. | 10386. | 3555.0 | 3369.5 |
| Stddev    | 10.5   | 213.   | 31.    | 7.3    | 6.2    |
| %RSD      | .28097 | .37640 | .29787 | .20420 | .18482 |
| #1        | 3743.2 | 56810. | 10422. | 3550.6 | 3374.1 |
| #2        | 3728.0 | 56814. | 10371. | 3563.4 | 3362.4 |
| #3        | 3748.2 | 56443. | 10366. | 3551.0 | 3372.1 |

Sample Name: S3      Acquired: 6/8/2023 12:35:23      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      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    | <b>.14869</b> | <b>.24030</b> | <b>.71781</b> | <b>.14066</b> | <b>.28040</b> | <b>.42041</b> | <b>7.7767</b> | <b>.67725</b> |
| Stddev | .00034        | .00052        | .00180        | .00058        | .00028        | .00201        | .0313         | .00178        |
| %RSD   | .23168        | .21476        | .25139        | .41224        | .09959        | .47807        | .40241        | .26286        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.14873</b> | <b>.24083</b> | <b>.71967</b> | <b>.14125</b> | <b>.28069</b> | <b>.41841</b> | <b>7.7441</b> | <b>.67856</b> |
| #2 | <b>.14833</b> | <b>.24027</b> | <b>.71769</b> | <b>.14064</b> | <b>.28036</b> | <b>.42038</b> | <b>7.7796</b> | <b>.67522</b> |
| #3 | <b>.14901</b> | <b>.23980</b> | <b>.71606</b> | <b>.14009</b> | <b>.28014</b> | <b>.42243</b> | <b>7.8065</b> | <b>.67797</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>5.7549</b> | <b>.71704</b> | <b>.13245</b> | <b>1.9855</b> | <b>.52200</b> | <b>.02545</b> | <b>.84879</b> | <b>.18897</b> |
| Stddev | .0124         | .00383        | .00044        | .0039         | .00090        | .00017        | .00365        | .00131        |
| %RSD   | .21492        | .53466        | .33029        | .19720        | .17258        | .67681        | .42992        | .69524        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>5.7669</b> | <b>.71276</b> | <b>.13199</b> | <b>1.9900</b> | <b>.52303</b> | <b>.02531</b> | <b>.84488</b> | <b>.18798</b> |
| #2 | <b>5.7557</b> | <b>.71818</b> | <b>.13251</b> | <b>1.9839</b> | <b>.52160</b> | <b>.02539</b> | <b>.84938</b> | <b>.18847</b> |
| #3 | <b>5.7422</b> | <b>.72017</b> | <b>.13286</b> | <b>1.9827</b> | <b>.52137</b> | <b>.02564</b> | <b>.85211</b> | <b>.19046</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.1798</b> | <b>.13883</b> | <b>.29178</b> | <b>.17938</b> | <b>4.1855</b> | <b>.11470</b> | <b>.69111</b> | <b>2.0373</b> |
| Stddev | .0017         | .00042        | .00115        | .00084        | .0120         | .00028        | .00188        | .0021         |
| %RSD   | .14161        | .29954        | .39364        | .46700        | .28672        | .24328        | .27147        | .10398        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.1815</b> | <b>.13898</b> | <b>.29152</b> | <b>.17877</b> | <b>4.1947</b> | <b>.11458</b> | <b>.69013</b> | <b>2.0396</b> |
| #2 | <b>1.1796</b> | <b>.13835</b> | <b>.29079</b> | <b>.17902</b> | <b>4.1719</b> | <b>.11502</b> | <b>.68994</b> | <b>2.0367</b> |
| #3 | <b>1.1782</b> | <b>.13914</b> | <b>.29304</b> | <b>.18033</b> | <b>4.1899</b> | <b>.11450</b> | <b>.69328</b> | <b>2.0355</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.62869</b> | <b>.64022</b> | <b>.01655</b> | <b>.10881</b> | <b>.11413</b> | <b>1.4105</b> | <b>25.439</b> |  |
| Stddev | .00098        | .00236        | .00006        | .00032        | .00018        | .0066         | .173          |  |
| %RSD   | .15566        | .36899        | .36006        | .29009        | .16112        | .46768        | .67997        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>.62982</b> | <b>.63788</b> | <b>.01648</b> | <b>.10912</b> | <b>.11434</b> | <b>1.4031</b> | <b>25.245</b> |  |
| #2 | <b>.62824</b> | <b>.64018</b> | <b>.01657</b> | <b>.10849</b> | <b>.11405</b> | <b>1.4126</b> | <b>25.495</b> |  |
| #3 | <b>.62802</b> | <b>.64261</b> | <b>.01659</b> | <b>.10883</b> | <b>.11399</b> | <b>1.4158</b> | <b>25.577</b> |  |

Sample Name: S3      Acquired: 6/8/2023 12:35:23      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3618.6 | 55032. | 10314. | 3464.6 | 3171.8 |
| Stddev    | 4.0    | 151.   | 32.    | 8.8    | 5.4    |
| %RSD      | .11017 | .27517 | .31298 | .25323 | .17118 |
| #1        | 3614.0 | 55081. | 10345. | 3468.0 | 3166.0 |
| #2        | 3620.5 | 55152. | 10316. | 3471.2 | 3172.7 |
| #3        | 3621.2 | 54862. | 10280. | 3454.7 | 3176.7 |

Sample Name: S4      Acquired: 6/8/2023 12:39:14      Type: Cal  
 Method: NON EPA-6010-200.7(v1874)      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    | <b>.29769</b> | <b>.47980</b> | <b>1.4351</b> | <b>.28286</b> | <b>.55669</b> | <b>.83053</b> | <b>15.338</b> | <b>1.3204</b> |
| Stddev | .00117        | .00165        | .0062         | .00085        | .00174        | .00613        | .029          | .0049         |
| %RSD   | .39308        | .34388        | .42925        | .29960        | .31180        | .73804        | .18825        | .36749        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29635 | .47937 | 1.4311 | .28232 | .55485 | .82524 | 15.311 | 1.3211 |
| #2 | .29820 | .47840 | 1.4319 | .28241 | .55693 | .82911 | 15.334 | 1.3153 |
| #3 | .29851 | .48162 | 1.4422 | .28383 | .55830 | .83725 | 15.369 | 1.3249 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>11.581</b> | <b>1.4013</b> | <b>.25900</b> | <b>3.9744</b> | <b>1.0291</b> | <b>.05043</b> | <b>1.6523</b> | <b>.37224</b> |
| Stddev | .032          | .0053         | .00037        | .0111         | .0025         | .00021        | .0120         | .00246        |
| %RSD   | .27397        | .37939        | .14401        | .27994        | .24467        | .41318        | .72318        | .66187        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.568 | 1.3961 | .25943 | 3.9692 | 1.0267 | .05022 | 1.6404 | .37009 |
| #2 | 11.557 | 1.4013 | .25879 | 3.9669 | 1.0287 | .05043 | 1.6523 | .37171 |
| #3 | 11.617 | 1.4067 | .25877 | 3.9872 | 1.0317 | .05063 | 1.6643 | .37493 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.3502</b> | <b>.27401</b> | <b>.58719</b> | <b>.35608</b> | <b>8.1878</b> | <b>.23324</b> | <b>1.3620</b> | <b>3.9976</b> |
| Stddev | .0080         | .00030        | .00112        | .00154        | .0292         | .00056        | .0028         | .0091         |
| %RSD   | .34036        | .11020        | .19113        | .43272        | .35655        | .23863        | .20486        | .22637        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3463 | .27431 | .58669 | .35464 | 8.2038 | .23261 | 1.3613 | 3.9905 |
| #2 | 2.3449 | .27401 | .58847 | .35589 | 8.2054 | .23364 | 1.3597 | 3.9945 |
| #3 | 2.3594 | .27371 | .58640 | .35771 | 8.1541 | .23349 | 1.3651 | 4.0078 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.2613</b> | <b>1.2578</b> | <b>.03287</b> | <b>.22777</b> | <b>.23470</b> | <b>2.8487</b> | <b>50.285</b> |
| Stddev | .0037         | .0033         | .00021        | .00148        | .00075        | .0127         | .521          |
| %RSD   | .29509        | .26119        | .62750        | .64889        | .31870        | .44720        | 1.0351        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2600 | 1.2549 | .03265 | .22629 | .23446 | 2.8340 | 49.985 |
| #2 | 1.2584 | 1.2573 | .03289 | .22778 | .23409 | 2.8553 | 49.985 |
| #3 | 1.2655 | 1.2614 | .03306 | .22925 | .23553 | 2.8568 | 50.887 |

Sample Name: S4      Acquired: 6/8/2023 12:39:14      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3519.3 | 53596. | 10196. | 3383.1 | 3019.8 |
| Stddev    | 9.8    | 75.    | 27.    | 6.9    | 10.9   |
| %RSD      | .27806 | .14011 | .26602 | .20373 | .35929 |
| #1        | 3523.2 | 53556. | 10207. | 3382.2 | 3021.1 |
| #2        | 3526.5 | 53549. | 10216. | 3376.6 | 3029.9 |
| #3        | 3508.2 | 53682. | 10165. | 3390.4 | 3008.3 |

Sample Name: S5      Acquired: 6/8/2023 12:43:01      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      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    | .60156 | .96349 | 2.9168 | .56093 | 1.1172 | 1.6660 | 30.353 | 2.6034 |
| Stddev | .00081 | .00254 | .0076  | .00057 | .0020  | .0223  | .514   | .0303  |
| %RSD   | .13517 | .26409 | .26224 | .10232 | .18063 | 1.3367 | 1.6929 | 1.1651 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .60244 | .96583 | 2.9250 | .56111 | 1.1188 | 1.6403 | 29.789 | 2.5685 |
| #2 | .60083 | .96078 | 2.9099 | .56029 | 1.1149 | 1.6780 | 30.794 | 2.6237 |
| #3 | .60143 | .96385 | 2.9156 | .56139 | 1.1178 | 1.6797 | 30.476 | 2.6179 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 23.491 | 2.7933 | .51883 | 8.0886 | 2.0283 | .10295 | 3.3004 | .74274 |
| Stddev | .053   | .0353  | .00064 | .0175  | .0048  | .00041 | .0554  | .01150 |
| %RSD   | .22401 | 1.2638 | .12299 | .21625 | .23719 | .40059 | 1.6787 | 1.5478 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.535 | 2.7526 | .51952 | 8.1040 | 2.0321 | .10248 | 3.2367 | .72966 |
| #2 | 23.433 | 2.8125 | .51868 | 8.0695 | 2.0229 | .10312 | 3.3282 | .74735 |
| #3 | 23.506 | 2.8149 | .51828 | 8.0922 | 2.0299 | .10325 | 3.3365 | .75122 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 4.7625 | .55785 | 1.2144 | .71392 | 16.059 | .48521 | 2.7218 | 8.0226 |
| Stddev | .0119  | .00056 | .0020  | .00901 | .047   | .00167 | .0332  | .0154  |
| %RSD   | .24935 | .10120 | .16649 | 1.2619 | .29162 | .34462 | 1.2204 | .19222 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.7698 | .55849 | 1.2155 | .70352 | 16.087 | .48389 | 2.6836 | 8.0366 |
| #2 | 4.7488 | .55743 | 1.2121 | .71908 | 16.005 | .48465 | 2.7438 | 8.0061 |
| #3 | 4.7688 | .55763 | 1.2156 | .71916 | 16.085 | .48709 | 2.7380 | 8.0250 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 2.5559 | 2.5367 | .06798 | .46888 | .48700 | 5.8182 | 100.60 |  |
| Stddev | .0056  | .0304  | .00068 | .00169 | .00087 | .0628  | 1.70   |  |
| %RSD   | .21744 | 1.1966 | .99469 | .36057 | .17824 | 1.0801 | 1.6859 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.5595 | 2.5017 | .06735 | .47075 | .48779 | 5.7458 | 98.758 |  |
| #2 | 2.5495 | 2.5535 | .06790 | .46747 | .48607 | 5.8503 | 100.95 |  |
| #3 | 2.5586 | 2.5550 | .06870 | .46842 | .48714 | 5.8585 | 102.10 |  |

Sample Name: S5      Acquired: 6/8/2023 12:43:01      Type: Cal  
Method: NON EPA-6010-200.7(v1874)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3516.8 | 53187. | 10280. | 3345.8 | 2945.1 |
| Stddev    | 9.0    | 63.    | 127.   | 10.5   | 8.4    |
| %RSD      | .25709 | .11808 | 1.2387 | .31273 | .28610 |
| #1        | 3506.5 | 53120. | 10426. | 3337.4 | 2935.7 |
| #2        | 3523.5 | 53196. | 10192. | 3357.6 | 2952.0 |
| #3        | 3520.3 | 53244. | 10221. | 3342.5 | 2947.6 |

Sample Name: ICV01      Acquired: 6/8/2023 12:46:54      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.048379</b> | <b>1.046775</b> | <b>1.027027</b> | <b>1.048355</b> | <b>1.016949</b> | <b>2.569130</b> | <b>.5010108</b> |
| Stddev | .009793         | .010933         | .010733         | .016423         | .011173         | .040510         | .0054601        |
| %RSD   | .9340807        | 1.044448        | 1.045061        | 1.566551        | 1.098713        | 1.576815        | 1.089825        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.057812 | 1.059394 | 1.039377 | 1.067119 | 1.029487 | 2.525394 | .4963599 |
| #2 | 1.038262 | 1.040159 | 1.019954 | 1.036597 | 1.008046 | 2.576630 | .4996498 |
| #3 | 1.049061 | 1.040771 | 1.021750 | 1.041348 | 1.013313 | 2.605367 | .5070227 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5289778</b> | <b>.5168360</b> | <b>10.01897</b> | <b>.5417424</b> | <b>.5179788</b> | <b>.5199671</b> | <b>10.28834</b> |
| Stddev | .0028959        | .0050071        | .11486          | .0220456        | .0051635        | .0053223        | .30489          |
| %RSD   | .5474474        | .9687943        | 1.146447        | 4.069394        | .9968480        | 1.023576        | 2.963487        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5268175 | .5224015 | 9.90666  | .5670930 | .5239095 | .5254585 | 10.63481 |
| #2 | .5278475 | .5126970 | 10.01401 | .5270622 | .5144827 | .5148319 | 10.06100 |
| #3 | .5322684 | .5154093 | 10.13623 | .5310719 | .5155443 | .5196108 | 10.16920 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5250406</b> | <b>6.021072</b> | <b>.5215436</b> | <b>.2571755</b> | <b>9.898657</b> | <b>.5057482</b> | <b>1.049949</b> |
| Stddev | .0073417        | .093509         | .0045300        | .0095274        | .309951         | .0068189        | .040991         |
| %RSD   | 1.398312        | 1.553032        | .8685784        | 3.704631        | 3.131244        | 1.348278        | 3.904117        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5184528 | 5.916050 | .5265912 | .2681568 | 10.25080 | .4980925 | 1.097273 |
| #2 | .5237138 | 6.051866 | .5178314 | .2511102 | 9.66721  | .5079820 | 1.025486 |
| #3 | .5329552 | 6.095301 | .5202082 | .2522596 | 9.77796  | .5111699 | 1.027089 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.08344</b> | <b>2.559941</b> | <b>2.586373</b> | <b>2.522150</b> | <b>2.509136</b> | <b>2.423599</b> | <b>2.458363</b> |
| Stddev | .29665          | .012755         | .026858         | .024358         | .027443         | .075896         | .024036         |
| %RSD   | 2.941968        | .4982442        | 1.038461        | .9657552        | 1.093722        | 3.131526        | .9777057        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.41447 | 2.546639 | 2.616562 | 2.549461 | 2.482550 | 2.511138 | 2.485360 |
| #2 | 9.84168  | 2.561117 | 2.565126 | 2.502674 | 2.507495 | 2.383418 | 2.439288 |
| #3 | 9.99416  | 2.572068 | 2.577431 | 2.514315 | 2.537363 | 2.376242 | 2.450441 |

Sample Name: ICV01      Acquired: 6/8/2023 12:46:54      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.500601 | 2.483619 | 2.537337 | Z ***** |
| Stddev | .019901  | .034463  | .041151  | -----   |
| %RSD   | .7958388 | 1.387610 | 1.621812 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.522818 | 2.445213 | 2.492526 | Z 2855.589 |
| #2 | 2.484407 | 2.493796 | 2.546053 | Z 2866.481 |
| #3 | 2.494580 | 2.511847 | 2.573432 | Z 2868.876 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3632.010 | 54363.93 | 10456.27 | 3441.558 | 3200.884 |
| Stddev    | 39.211   | 1879.75  | 86.08    | 117.495  | 33.989   |
| %RSD      | 1.079587 | 3.457722 | .8232359 | 3.414000 | 1.061877 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3587.212 | 52198.78 | 10552.06 | 3306.063 | 3161.901 |
| #2 | 3660.097 | 55578.97 | 10431.37 | 3503.313 | 3224.318 |
| #3 | 3648.720 | 55314.06 | 10385.39 | 3515.297 | 3216.431 |

Sample Name: ICB01      Acquired: 6/8/2023 13:08:58      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | <b>-.001354</b> | <b>.0010125</b> | <b>.0011193</b> | <b>.0008680</b> | <b>-.000940</b> | <b>.0084885</b> | <b>-.007218</b> |
| Stddev | .002266         | .0007215        | .0008329        | .0019622        | .001022         | .0074786        | .001407         |
| %RSD   | 167.3362        | 71.26026        | 74.40951        | 226.0663        | 108.6961        | 88.10352        | 19.48920        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001262  | .0006091 | .0010948 | -.001228 | -.001528 | .0146911 | -.006070 |
| #2 | -.002616 | .0005830 | .0002989 | .002661  | .000240  | .0001837 | -.006797 |
| #3 | -.002708 | .0018456 | .0019641 | .001170  | -.001532 | .0105906 | -.008787 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000226</b> | <b>-.000024</b> | <b>-.004196</b> | <b>.0001355</b> | <b>-.000178</b> | <b>-.000218</b> | <b>-.002374</b> |
| Stddev | .0000546        | .000050         | .008078         | .0002381        | .000150         | .000492         | .003114         |
| %RSD   | 241.2271        | 206.6143        | 192.5089        | 175.7497        | 84.38779        | 225.5644        | 131.1777        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000495 | .000027  | -.011991 | .0004102 | -.000026 | -.000341 | -.000572 |
| #2 | .0000586 | -.000027 | -.004736 | .0000092 | -.000180 | -.000637 | -.005970 |
| #3 | -.000040 | -.000073 | .004138  | -.000013 | -.000326 | .000324  | -.000581 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003002</b> | <b>.0089854</b> | <b>.0004018</b> | <b>.0006093</b> | <b>-.015104</b> | <b>-.000001</b> | <b>-.000173</b> |
| Stddev | .0003454        | .0053214        | .0001311        | .0001702        | .004343         | .001017         | .000251         |
| %RSD   | 115.0565        | 59.22317        | 32.64193        | 27.92911        | 28.75292        | 89105.24        | 144.9143        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004900 | .0138809 | .0003209 | .0004372 | -.011295 | .000337  | -.000426 |
| #2 | -.000098 | .0033216 | .0003313 | .0007775 | -.014184 | -.001144 | -.000171 |
| #3 | .000509  | .0097537 | .0005531 | .0006130 | -.019833 | .000804  | .000076  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.035158</b> | <b>.0020397</b> | <b>-.000093</b> | <b>.0003208</b> | <b>.0016753</b> | <b>.0075556</b> | <b>-.001694</b> |
| Stddev | .016756         | .0013413        | .000181         | .0002511        | .0001942        | .0066185        | .001821         |
| %RSD   | 47.65998        | 65.76035        | 194.8708        | 78.26683        | 11.59003        | 87.59722        | 107.5311        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.015926 | .0028483 | .000116  | .0001048 | .0015313 | .0121977 | -.000235 |
| #2 | -.046613 | .0004914 | -.000198 | .0005963 | .0015984 | -.000023 | -.003735 |
| #3 | -.042935 | .0027793 | -.000197 | .0002613 | .0018961 | .010492  | -.001112 |

Sample Name: ICB01      Acquired: 6/8/2023 13:08:58      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000098</b> | <b>.0032283</b> | <b>.0000362</b> | <b>z *****</b> |
| Stddev | .001790         | .0025675        | .0000421        | -----          |
| %RSD   | 1822.401        | 79.53131        | 116.3868        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000098</b> | <b>.0038287</b> | <b>.0000641</b> | <b>z 2652.053</b> |
| #2 | <b>.001692</b>  | <b>.0054423</b> | <b>.0000567</b> | <b>z 2683.665</b> |
| #3 | <b>-.001888</b> | <b>.0004138</b> | <b>-.000012</b> | <b>z 2641.196</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3586.688</b> | <b>54424.82</b> | <b>10133.18</b> | <b>3410.787</b> | <b>3249.664</b> |
| Stddev    | 8.393           | 189.91          | 45.75           | 20.924          | 4.401           |
| %RSD      | .2340169        | .3489489        | .4514608        | .6134646        | .1354429        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3577.150</b> | <b>54346.33</b> | <b>10094.26</b> | <b>3398.241</b> | <b>3245.282</b> |
| #2 | <b>3589.971</b> | <b>54286.73</b> | <b>10121.71</b> | <b>3399.178</b> | <b>3249.623</b> |
| #3 | <b>3592.944</b> | <b>54641.40</b> | <b>10183.57</b> | <b>3434.942</b> | <b>3254.085</b> |

Sample Name: CRI01      Acquired: 6/8/2023 13:13:00      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0200554 | .0395631 | .0119859 | .0215586 | .0515178 | .1148679 | .0874553 |
| Stddev | .0003087 | .0017129 | .0012322 | .0002031 | .0010287 | .0069059 | .0008561 |
| %RSD   | 1.539061 | 4.329518 | 10.28037 | .9421246 | 1.996692 | 6.012043 | .9788439 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0200581 | .0390603 | .0132668 | .0213246 | .0503345 | .1167169 | .0865419 |
| #2 | .0197454 | .0381579 | .0108090 | .0216888 | .0520204 | .1072257 | .0875847 |
| #3 | .0203627 | .0414711 | .0118819 | .0216624 | .0521986 | .1206611 | .0882392 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065795 | .0066366 | 2.014235 | .0104411 | .0303273 | .0233600 | .1091295 |
| Stddev | .0000242 | .0000308 | .009592  | .0004902 | .0002225 | .0004910 | .0021111 |
| %RSD   | .3679467 | .4637955 | .4761986 | 4.694787 | .7335196 | 2.102047 | 1.934449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065927 | .0066330 | 2.008483 | .0109864 | .0301046 | .0234005 | .1066959 |
| #2 | .0065942 | .0066690 | 2.025308 | .0103001 | .0305495 | .0238296 | .1102241 |
| #3 | .0065515 | .0066077 | 2.008915 | .0100369 | .0303279 | .0228500 | .1104683 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0228669 | 2.188934 | .0410952 | .0110598 | 1.995519 | .0413635 | .0423294 |
| Stddev | .0000606 | .017703  | .0000982 | .0005123 | .010581  | .0019810 | .0005016 |
| %RSD   | .2650075 | .8087464 | .2389691 | 4.631683 | .5302313 | 4.789312 | 1.185049 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0228562 | 2.171305 | .0410293 | .0114045 | 1.987207 | .0436346 | .0427106 |
| #2 | .0228124 | 2.188789 | .0412081 | .0104711 | 2.007430 | .0399914 | .0417612 |
| #3 | .0229321 | 2.206709 | .0410483 | .0113037 | 1.991919 | .0404645 | .0425166 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.994719 | .1073791 | .2263553 | .0405198 | .0440438 | .3861751 | .0196701 |
| Stddev | .048730  | .0005932 | .0007833 | .0008102 | .0015493 | .0007664 | .0015642 |
| %RSD   | 2.442966 | .5523980 | .3460677 | 1.999601 | 3.517520 | .1984608 | 7.952330 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.941890 | .1080637 | .2256089 | .0405278 | .0441126 | .3860242 | .0212838 |
| #2 | 2.037911 | .1070187 | .2262860 | .0397056 | .0424614 | .3870058 | .0195662 |
| #3 | 2.004355 | .1070549 | .2271710 | .0413260 | .0455576 | .3854955 | .0181605 |

Sample Name: CRI01      Acquired: 6/8/2023 13:13:00      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0214479 | .0251292 | .0218284 | z ***** |
| Stddev | .0010295 | .0014813 | .0001214 | -----   |
| %RSD   | 4.799814 | 5.894699 | .5562558 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0220756 | .0240103 | .0217385 | z 2696.561 |
| #2 | .0202598 | .0268090 | .0219665 | z 2691.770 |
| #3 | .0220082 | .0245683 | .0217803 | z 2692.869 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3586.794 | 54659.90 | 10256.40 | 3428.279 | 3229.620 |
| Stddev    | 8.629    | 78.66    | 25.53    | 1.375    | 9.277    |
| %RSD      | .2405874 | .1439140 | .2489578 | .0401024 | .2872434 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3591.734 | 54577.46 | 10227.31 | 3429.539 | 3237.793 |
| #2 | 3591.818 | 54668.10 | 10266.79 | 3426.813 | 3231.530 |
| #3 | 3576.830 | 54734.14 | 10275.09 | 3428.486 | 3219.536 |

Sample Name: IC5A01      Acquired: 6/8/2023 13:16:59      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.009066</b> | <b>-.008353</b> | <b>-.006347</b> | <b>.0061732</b> | <b>-.001029</b> | <b>267.4114</b> | <b>-.008075</b> |
| Stddev | .004441         | .004531         | .001530         | .0060747        | .000933         | .5037           | .000896         |
| %RSD   | 48.98351        | 54.24608        | 24.10592        | 98.40469        | 90.71124        | .1883661        | 11.10168        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.014195</b> | <b>-.012357</b> | <b>-.007922</b> | <b>.0102249</b> | <b>-.000160</b> | <b>266.8444</b> | <b>-.008616</b> |
| #2 | <b>-.006513</b> | <b>-.003434</b> | <b>-.004867</b> | <b>.0091061</b> | <b>-.002015</b> | <b>267.5828</b> | <b>-.007040</b> |
| #3 | <b>-.006492</b> | <b>-.009268</b> | <b>-.006251</b> | <b>-.000811</b> | <b>-.000910</b> | <b>267.8071</b> | <b>-.008570</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0005527</b> | <b>.0001195</b> | <b>253.1080</b> | <b>.0576935</b> | <b>.0010055</b> | <b>.0214091</b> | <b>105.3948</b> |
| Stddev | .0000464        | .0000767        | .5380           | .0005221        | .0002377        | .0002140        | .9023           |
| %RSD   | 8.391314        | 64.19535        | .2125551        | .9049810        | 23.64345        | .9996282        | .8560949        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0005832</b> | <b>.0001818</b> | <b>252.4961</b> | <b>.0571131</b> | <b>.0010435</b> | <b>.0211620</b> | <b>104.3531</b> |
| #2 | <b>.0005756</b> | <b>.0000338</b> | <b>253.3214</b> | <b>.0578425</b> | <b>.0007511</b> | <b>.0215309</b> | <b>105.9329</b> |
| #3 | <b>.0004994</b> | <b>.0001428</b> | <b>253.5066</b> | <b>.0581250</b> | <b>.0012220</b> | <b>.0215345</b> | <b>105.8984</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0112649</b> | <b>264.9328</b> | <b>.0028153</b> | <b>.0003667</b> | <b>.0117930</b> | <b>.0017062</b> | <b>-.027174</b> |
| Stddev | .0003745        | .8348           | .0001686        | .0003391        | .0163658        | .0004063        | .000142         |
| %RSD   | 3.324312        | .3150834        | 5.989121        | 92.49360        | 138.7761        | 23.81085        | .5221811        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0116936</b> | <b>263.9889</b> | <b>.0029459</b> | <b>.0001896</b> | <b>.0015001</b> | <b>.0021508</b> | <b>-.027335</b> |
| #2 | <b>.0110997</b> | <b>265.2353</b> | <b>.0026250</b> | <b>.0007577</b> | <b>.0306646</b> | <b>.0013543</b> | <b>-.027067</b> |
| #3 | <b>.0110014</b> | <b>265.5741</b> | <b>.0028751</b> | <b>.0001528</b> | <b>.0032141</b> | <b>.0016135</b> | <b>-.027120</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.077353</b> | <b>.0390026</b> | <b>.0011047</b> | <b>-.009715</b> | <b>.0013197</b> | <b>-.010838</b> | <b>.0016831</b> |
| Stddev | .002511         | .0014503        | .0006302        | .000671         | .0009094        | .008727         | .0013781        |
| %RSD   | 3.246009        | 3.718539        | 57.04548        | 6.901979        | 68.91023        | 80.52186        | 81.88147        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.079814</b> | <b>.0382992</b> | <b>.0018287</b> | <b>-.009592</b> | <b>.0015145</b> | <b>-.019904</b> | <b>.0032483</b> |
| #2 | <b>-.074795</b> | <b>.0406705</b> | <b>.0008062</b> | <b>-.009114</b> | <b>.0003287</b> | <b>-.002496</b> | <b>.0006517</b> |
| #3 | <b>-.077449</b> | <b>.0380381</b> | <b>.0006792</b> | <b>-.010439</b> | <b>.0021160</b> | <b>-.010113</b> | <b>.0011492</b> |

Sample Name: ICSA01      Acquired: 6/8/2023 13:16:59      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0052059 | .0007901 | .0030218 | z ***** |
| Stddev | .0025895 | .0009965 | .0006805 | -----   |
| %RSD   | 49.74099 | 126.1158 | 22.51917 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0026145 | .0018537 | .0038012 | z 3237.705 |
| #2 | .0077934 | -.000122 | .0027179 | z 3227.282 |
| #3 | .0052099 | .000639  | .0025461 | z 3233.773 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3337.856 | 49807.22 | 9954.462 | 3165.841 | 2730.173 |
| Stddev    | 15.088   | 312.17   | 21.860   | 25.834   | 14.369   |
| %RSD      | .4520398 | .6267567 | .2195963 | .8160099 | .5262919 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3326.756 | 50167.18 | 9973.542 | 3195.522 | 2720.518 |
| #2 | 3355.036 | 49610.85 | 9959.232 | 3148.417 | 2746.686 |
| #3 | 3331.776 | 49643.62 | 9930.611 | 3153.585 | 2723.316 |

Sample Name: ICSAB01      Acquired: 6/8/2023 13:25:26      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1005117</b> | <b>.0931888</b> | <b>.0438950</b> | <b>.0565072</b> | <b>.6158283</b> | <b>260.3034</b> | <b>.4824233</b> |
| Stddev | .0015623        | .0010098        | .0025887        | .0024666        | .0121150        | .8634           | .0013255        |
| %RSD   | 1.554306        | 1.083643        | 5.897586        | 4.365062        | 1.967273        | .3316973        | .2747584        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0987784 | .0920543 | .0462921 | .0576117 | .6024890 | 261.3004 | .4825035 |
| #2 | .1009454 | .0939892 | .0411498 | .0582286 | .6188481 | 259.8005 | .4837069 |
| #3 | .1018112 | .0935230 | .0442430 | .0536814 | .6261478 | 259.8094 | .4810595 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5038003</b> | <b>1.022306</b> | <b>246.7523</b> | <b>.5697463</b> | <b>.5066021</b> | <b>.5232090</b> | <b>103.3037</b> |
| Stddev | .0007290        | .013204         | .6179           | .0012437        | .0071516        | .0076838        | .5687           |
| %RSD   | .1446993        | 1.291564        | .2504088        | .2182847        | 1.411684        | 1.468599        | .5505111        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5046411 | 1.008387 | 247.4652 | .5695668 | .4990550 | .5150133 | 102.9364 |
| #2 | .5034138 | 1.023877 | 246.3700 | .5686021 | .5074730 | .5243633 | 103.0160 |
| #3 | .5033459 | 1.034654 | 246.4218 | .5710700 | .5132785 | .5302504 | 103.9588 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5210984</b> | <b>257.7328</b> | <b>1.013964</b> | <b>.2127039</b> | <b>.0160800</b> | <b>.5063862</b> | <b>.9821418</b> |
| Stddev | .0023165        | .5673           | .011869         | .0011387        | .0089681        | .0005891        | .0011672        |
| %RSD   | .4445431        | .2201276        | 1.170541        | .5353506        | 55.77182        | .1163386        | .1188393        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5213616 | 258.3037 | 1.001340 | .2118112 | .0092862 | .5065653 | .9815879 |
| #2 | .5186616 | 257.1690 | 1.015657 | .2123141 | .0127085 | .5057284 | .9834828 |
| #3 | .5232721 | 257.7257 | 1.024895 | .2139863 | .0262452 | .5068650 | .9813548 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.079465</b> | <b>1.121589</b> | <b>1.134532</b> | <b>1.146673</b> | <b>1.111577</b> | <b>1.088294</b> | <b>1.024678</b> |
| Stddev | .012087         | .002005         | .015089         | .014698         | .003253         | .014612         | .020479         |
| %RSD   | 15.21002        | .1787696        | 1.329955        | 1.281785        | .2926044        | 1.342677        | 1.998612        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.070712 | 1.123729 | 1.118887 | 1.131558 | 1.115283 | 1.104311 | 1.004254 |
| #2 | -.074427 | 1.121285 | 1.135715 | 1.147545 | 1.110248 | 1.075690 | 1.024568 |
| #3 | -.093256 | 1.119754 | 1.148994 | 1.160915 | 1.109199 | 1.084883 | 1.045212 |

Sample Name: ICSAB01      Acquired: 6/8/2023 13:25:26      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.031858 | .9772338 | .9752526 | z ***** |
| Stddev | .013325  | .0054305 | .0025911 | -----   |
| %RSD   | 1.291352 | .5557048 | .2656834 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.017589 | .9815382 | .9777829 | z 3229.662 |
| #2 | 1.034008 | .9790306 | .9726047 | z 3246.564 |
| #3 | 1.043977 | .9711326 | .9753702 | z 3236.277 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3286.184 | 49430.33 | 9917.744 | 3138.798 | 2688.088 |
| Stddev    | 34.880   | 96.56    | 26.169   | 4.700    | 28.497   |
| %RSD      | 1.061410 | .1953535 | .2638570 | .1497322 | 1.060127 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3321.817 | 49440.96 | 9887.635 | 3138.767 | 2717.869 |
| #2 | 3284.627 | 49521.14 | 9935.006 | 3134.113 | 2685.317 |
| #3 | 3252.109 | 49328.89 | 9930.592 | 3143.513 | 2661.077 |

Sample Name: ICSA01DLX20      Acquired: 6/8/2023 13:31:04      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003282</b> | <b>-.000678</b> | <b>-.001203</b> | <b>.0025703</b> | <b>-.003909</b> | <b>13.24197</b> | <b>-.017075</b> |
| Stddev | .001021         | .000867         | .001689         | .0012032        | .000993         | .21270          | .001174         |
| %RSD   | 31.10121        | 127.8447        | 140.3093        | 46.81375        | 25.40423        | 1.606219        | 6.877897        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004262</b> | <b>-.001557</b> | <b>.000740</b>  | <b>.0028670</b> | <b>-.004291</b> | <b>13.10791</b> | <b>-.018427</b> |
| #2 | <b>-.003358</b> | <b>-.000653</b> | <b>-.002035</b> | <b>.0012464</b> | <b>-.002782</b> | <b>13.13079</b> | <b>-.016488</b> |
| #3 | <b>-.002225</b> | <b>.000176</b>  | <b>-.002315</b> | <b>.0035974</b> | <b>-.004655</b> | <b>13.48721</b> | <b>-.016310</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001116</b> | <b>.0000546</b> | <b>12.86802</b> | <b>.0027446</b> | <b>-.000080</b> | <b>.0010353</b> | <b>5.242878</b> |
| Stddev | .0000581        | .0000272        | .21334          | .0003973        | .000080         | .0000700        | .047736         |
| %RSD   | 52.05312        | 49.89572        | 1.657941        | 14.47625        | 100.3548        | 6.765619        | .9104955        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0001763</b> | <b>.0000859</b> | <b>12.75564</b> | <b>.0022927</b> | <b>-.000138</b> | <b>.0010224</b> | <b>5.193260</b> |
| #2 | <b>.0000640</b> | <b>.0000414</b> | <b>12.73436</b> | <b>.0030393</b> | <b>-.000111</b> | <b>.0009726</b> | <b>5.246894</b> |
| #3 | <b>.0000944</b> | <b>.0000365</b> | <b>13.11406</b> | <b>.0029018</b> | <b>.000011</b>  | <b>.0011109</b> | <b>5.288479</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0009234</b> | <b>13.33116</b> | <b>.0002816</b> | <b>.0008398</b> | <b>-.017853</b> | <b>-.001706</b> | <b>-.001132</b> |
| Stddev | .0002903        | .22702          | .0001781        | .0002913        | .006780         | .000267         | .000050         |
| %RSD   | 31.43381        | 1.702894        | 63.25605        | 34.68760        | 37.97634        | 15.64967        | 4.460334        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0011181</b> | <b>13.18812</b> | <b>.0000883</b> | <b>.0009306</b> | <b>-.019553</b> | <b>-.001954</b> | <b>-.001091</b> |
| #2 | <b>.0010624</b> | <b>13.21244</b> | <b>.0004391</b> | <b>.0005139</b> | <b>-.010385</b> | <b>-.001423</b> | <b>-.001188</b> |
| #3 | <b>.0005898</b> | <b>13.59292</b> | <b>.0003173</b> | <b>.0010748</b> | <b>-.023622</b> | <b>-.001741</b> | <b>-.001116</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.039756</b> | <b>.0019469</b> | <b>.0000500</b> | <b>-.001476</b> | <b>.0019017</b> | <b>.0064637</b> | <b>-.000490</b> |
| Stddev | .005836         | .0011406        | .0003199        | .000817         | .0019766        | .0051790        | .000759         |
| %RSD   | 14.67983        | 58.58492        | 639.2470        | 55.36262        | 103.9441        | 80.12428        | 154.6875        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.045953</b> | <b>.0031182</b> | <b>.0004093</b> | <b>-.002117</b> | <b>.0013027</b> | <b>.0103962</b> | <b>-.000353</b> |
| #2 | <b>-.038951</b> | <b>.0008397</b> | <b>-.000055</b> | <b>-.000556</b> | <b>.0041085</b> | <b>.0005957</b> | <b>.000190</b>  |
| #3 | <b>-.034364</b> | <b>.0018829</b> | <b>-.000204</b> | <b>-.001755</b> | <b>.0002938</b> | <b>.0083993</b> | <b>-.001308</b> |

Sample Name: ICSA01DLX20      Acquired: 6/8/2023 13:31:04      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0008788 | .0031318 | .0003971 | z ***** |
| Stddev | .0027598 | .0007230 | .0000809 | -----   |
| %RSD   | 314.0271 | 23.08737 | 20.36085 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0036670 | .0039661 | .0003413 | z 2747.506 |
| #2 | -.001852 | .0026878 | .0003601 | z 2729.762 |
| #3 | .000821  | .0027414 | .0004898 | z 2732.814 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3611.397 | 54782.62 | 10177.19 | 3421.229 | 3199.801 |
| Stddev    | 2.781    | 46.87    | 92.36    | 11.910   | 5.298    |
| %RSD      | .0770144 | .0855585 | .9075430 | .3481146 | .1655617 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3608.219 | 54744.51 | 10189.37 | 3412.410 | 3195.816 |
| #2 | 3613.385 | 54768.39 | 10262.85 | 3416.500 | 3205.813 |
| #3 | 3612.588 | 54834.96 | 10079.34 | 3434.777 | 3197.775 |

Sample Name: ICSAB01DLX20      Acquired: 6/8/2023 13:43:39      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021715 | .0043563 | -.000136 | .0075264 | .0242529 | 12.02880 | .0093452 |
| Stddev | .0016771 | .0022095 | .000687  | .0064072 | .0015756 | .02097   | .0010520 |
| %RSD   | 77.23325 | 50.71860 | 503.5649 | 85.12957 | 6.496435 | .1743110 | 11.25655 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014727 | .0027905 | -.000629 | .0126102 | .0256048 | 12.04988 | .0087017 |
| #2 | .0009568 | .0033948 | -.000429 | .0003296 | .0246313 | 12.02856 | .0105592 |
| #3 | .0040851 | .0068836 | .000649  | .0096393 | .0225226 | 12.00795 | .0087749 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0241653 | .0471776 | 11.72178 | .0270273 | .0230930 | .0253397 | 4.767739 |
| Stddev | .0000439 | .0005294 | .02101   | .0001188 | .0003931 | .0004556 | .018253  |
| %RSD   | .1816912 | 1.122182 | .1792603 | .4397084 | 1.702062 | 1.797870 | .3828480 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0241847 | .0472260 | 11.73918 | .0270821 | .0233177 | .0258542 | 4.746909 |
| #2 | .0241962 | .0476811 | 11.69844 | .0268909 | .0233222 | .0251775 | 4.775366 |
| #3 | .0241151 | .0466256 | 11.72772 | .0271088 | .0226392 | .0249874 | 4.780942 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0260004 | 12.09794 | .0476562 | .0101924 | -.011468 | .0246605 | .0476642 |
| Stddev | .0001284 | .04195   | .0007811 | .0003404 | .001277  | .0014097 | .0006489 |
| %RSD   | .4939866 | .3467561 | 1.639099 | 3.339376 | 11.13154 | 5.716275 | 1.361328 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0261380 | 12.12214 | .0473529 | .0103290 | -.010956 | .0233806 | .0480803 |
| #2 | .0258837 | 12.12217 | .0485435 | .0104433 | -.012921 | .0244293 | .0479958 |
| #3 | .0259796 | 12.04950 | .0470722 | .0098050 | -.010526 | .0261714 | .0469166 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.043661 | .0446148 | .0396541 | .0369020 | .0407462 | .0421414 | .0439595 |
| Stddev | .015880  | .0004881 | .0004786 | .0005819 | .0013786 | .0022793 | .0008786 |
| %RSD   | 36.37123 | 1.094048 | 1.206867 | 1.576887 | 3.383413 | 5.408694 | 1.998729 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.058951 | .0443431 | .0399204 | .0363878 | .0403205 | .0411092 | .0442096 |
| #2 | -.027250 | .0443230 | .0399403 | .0367846 | .0396307 | .0447542 | .0446860 |
| #3 | -.044782 | .0451783 | .0391016 | .0375337 | .0422875 | .0405608 | .0429829 |

Sample Name: ICSAB01DLX20      Acquired: 6/8/2023 13:43:39      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0453963 | .0479289 | .0467207 | z ***** |
| Stddev | .0012326 | .0011298 | .0000810 | -----   |
| %RSD   | 2.715172 | 2.357247 | .1732731 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0448195 | .0490307 | .0467918 | z 2731.361 |
| #2 | .0445578 | .0479830 | .0466326 | z 2713.309 |
| #3 | .0468115 | .0467730 | .0467376 | z 2728.322 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3580.312 | 54862.87 | 10203.94 | 3429.591 | 3170.808 |
| Stddev    | 42.921   | 120.53   | 71.23    | 15.194   | 36.723   |
| %RSD      | 1.198818 | .2196959 | .6980486 | .4430190 | 1.158159 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3573.310 | 54803.19 | 10123.90 | 3416.400 | 3167.975 |
| #2 | 3541.321 | 54783.82 | 10227.55 | 3426.168 | 3135.584 |
| #3 | 3626.303 | 55001.60 | 10260.36 | 3446.204 | 3208.865 |

Sample Name: CCV01      Acquired: 6/8/2023 13:47:36      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.991387</b> | <b>5.008938</b> | <b>4.850970</b> | <b>5.006996</b> | <b>4.954972</b> | <b>10.11379</b> | <b>10.31266</b> |
| Stddev | .008699         | .004674         | .004543         | .018549         | .005041         | .15859          | .14017          |
| %RSD   | .1742871        | .0933228        | .0936598        | .3704696        | .1017310        | 1.568029        | 1.359211        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.994961 | 5.003613 | 4.847863 | 5.020509 | 4.959204 | 10.00538 | 10.24121 |
| #2 | 4.997731 | 5.012362 | 4.848863 | 5.014630 | 4.956316 | 10.29580 | 10.47416 |
| #3 | 4.981470 | 5.010841 | 4.856184 | 4.985847 | 4.949395 | 10.04018 | 10.22262 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2413083</b> | <b>2.441791</b> | <b>24.82065</b> | <b>1.005924</b> | <b>2.411282</b> | <b>1.234911</b> | <b>5.128847</b> |
| Stddev | .0047133        | .001199         | .35275          | .029856         | .001677         | .002168         | .122520         |
| %RSD   | 1.953219        | .0491125        | 1.421192        | 2.968011        | .0695346        | .1755335        | 2.388846        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2377466 | 2.440550 | 24.62227 | .988653  | 2.409958 | 1.237164 | 5.058662 |
| #2 | .2466530 | 2.442944 | 25.22793 | 1.040399 | 2.410721 | 1.234730 | 5.270319 |
| #3 | .2395253 | 2.441878 | 24.61176 | .988722  | 2.413167 | 1.232840 | 5.057559 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.551257</b> | <b>24.84199</b> | <b>2.445086</b> | <b>1.227128</b> | <b>24.43128</b> | <b>2.553257</b> | <b>2.375145</b> |
| Stddev | .041168         | .33766          | .000749         | .037354         | .58572          | .033257         | .080932         |
| %RSD   | 1.613628        | 1.359217        | .0306203        | 3.044048        | 2.397418        | 1.302515        | 3.407437        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.524722 | 24.63069 | 2.444356 | 1.206116 | 24.14756 | 2.531311 | 2.324205 |
| #2 | 2.598682 | 25.23141 | 2.445051 | 1.270256 | 25.10484 | 2.591520 | 2.468466 |
| #3 | 2.530368 | 24.66387 | 2.445852 | 1.205012 | 24.04146 | 2.536938 | 2.332765 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.29589</b> | <b>4.902604</b> | <b>4.975683</b> | <b>4.894464</b> | <b>4.971942</b> | <b>5.158883</b> | <b>5.091057</b> |
| Stddev | .69806          | .109347         | .003723         | .003607         | .069972         | .110329         | .009717         |
| %RSD   | 2.759560        | 2.230379        | .0748239        | .0736965        | 1.407327        | 2.138615        | .1908577        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.89853 | 4.823483 | 4.975522 | 4.891175 | 4.937042 | 5.073168 | 5.101862 |
| #2 | 26.10190 | 5.027379 | 4.979485 | 4.893894 | 5.052500 | 5.283362 | 5.088272 |
| #3 | 24.88722 | 4.856948 | 4.972044 | 4.898322 | 4.926286 | 5.120120 | 5.083037 |

Sample Name: CCV01      Acquired: 6/8/2023 13:47:36      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.237428 | 5.045719 | 5.123105 | Z ***** |
| Stddev | .008406  | .067121  | .106480  | -----   |
| %RSD   | .1604961 | 1.330252 | 2.078428 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.247134 | 5.007355 | 5.049792 | Z 2864.112 |
| #2 | 5.232515 | 5.123222 | 5.245242 | Z 2875.749 |
| #3 | 5.232635 | 5.006580 | 5.074281 | Z 2848.804 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3534.128 | 53229.82 | 10115.22 | 3322.058 | 3033.009 |
| Stddev    | 13.551   | 1228.84  | 135.72   | 97.100   | 7.053    |
| %RSD      | .3834282 | 2.308554 | 1.341706 | 2.922881 | .2325569 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3524.125 | 53832.77 | 10196.54 | 3365.756 | 3028.422 |
| #2 | 3528.710 | 51815.97 | 9958.54  | 3210.788 | 3029.475 |
| #3 | 3549.550 | 54040.73 | 10190.56 | 3389.631 | 3041.131 |

Sample Name: LLCCV01      Acquired: 6/8/2023 14:02:31      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0207170 | .0393909 | .0133989 | .0230340 | .0490623 | .1172311 | .0878872 |
| Stddev | .0012912 | .0007636 | .0013697 | .0037472 | .0012716 | .0095438 | .0002204 |
| %RSD   | 6.232528 | 1.938551 | 10.22258 | 16.26797 | 2.591719 | 8.141043 | .2508150 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0192831 | .0391544 | .0139052 | .0187625 | .0489097 | .1176399 | .0876501 |
| #2 | .0217876 | .0387735 | .0144433 | .0245727 | .0478739 | .1074895 | .0879258 |
| #3 | .0210804 | .0402448 | .0118481 | .0257670 | .0504033 | .1265640 | .0880859 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065328 | .0063555 | 2.025093 | .0104009 | .0294738 | .0227997 | .1088342 |
| Stddev | .0000459 | .0001418 | .009932  | .0002062 | .0006539 | .0004068 | .0049623 |
| %RSD   | .7030985 | 2.230835 | .4904443 | 1.982118 | 2.218458 | 1.784132 | 4.559499 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065290 | .0062524 | 2.029848 | .0101742 | .0292090 | .0224491 | .1122686 |
| #2 | .0064888 | .0062968 | 2.031753 | .0105771 | .0289940 | .0227044 | .1110893 |
| #3 | .0065804 | .0065171 | 2.013678 | .0104515 | .0302186 | .0232457 | .1031449 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0226903 | 2.225224 | .0398822 | .0112435 | 1.893537 | .0411381 | .0407623 |
| Stddev | .0001286 | .013726  | .0005487 | .0004590 | .010280  | .0012700 | .0004819 |
| %RSD   | .5668077 | .6168304 | 1.375933 | 4.081909 | .5429044 | 3.087210 | 1.182181 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0228364 | 2.219225 | .0393937 | .0115615 | 1.903422 | .0396719 | .0410899 |
| #2 | .0225941 | 2.240929 | .0397771 | .0107174 | 1.882903 | .0418470 | .0402089 |
| #3 | .0226405 | 2.215520 | .0404760 | .0114516 | 1.894288 | .0418955 | .0409880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.925038 | .1074934 | .2231336 | .0390700 | .0440156 | .3761909 | .0203293 |
| Stddev | .041070  | .0016860 | .0036461 | .0005233 | .0003233 | .0038372 | .0045529 |
| %RSD   | 2.133466 | 1.568503 | 1.634024 | 1.339428 | .7345146 | 1.020002 | 22.39583 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.930409 | .1064675 | .2212438 | .0388255 | .0443212 | .3793711 | .0182681 |
| #2 | 1.881547 | .1065734 | .2208204 | .0387137 | .0440486 | .3772725 | .0171715 |
| #3 | 1.963158 | .1094393 | .2273366 | .0396708 | .0436771 | .3719290 | .0255483 |

Sample Name: LLCCV01      Acquired: 6/8/2023 14:02:31      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0208776 | .0230463 | .0218404 | z ***** |
| Stddev | .0008222 | .0003643 | .0001177 | -----   |
| %RSD   | 3.938353 | 1.580877 | .5387501 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0209996 | .0226262 | .0219736 | z 2654.660 |
| #2 | .0216321 | .0232359 | .0217507 | z 2663.427 |
| #3 | .0200012 | .0232767 | .0217968 | z 2667.464 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3599.052 | 55061.91 | 9917.638 | 3427.371 | 3267.122 |
| Stddev    | 51.030   | 147.71   | 28.229   | 11.231   | 45.455   |
| %RSD      | 1.417860 | .2682611 | .2846328 | .3276788 | 1.391287 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3625.713 | 54940.21 | 9911.118 | 3414.538 | 3289.787 |
| #2 | 3631.229 | 55226.25 | 9893.239 | 3435.407 | 3296.789 |
| #3 | 3540.215 | 55019.29 | 9948.556 | 3432.167 | 3214.791 |

Sample Name: CCB01      Acquired: 6/8/2023 14:06:31      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001798</b> | <b>-.000415</b> | <b>-.000333</b> | <b>.0022237</b> | <b>-.003068</b> | <b>.0029853</b> | <b>-.009911</b> |
| Stddev | .000904         | .001150         | .000625         | .0020407        | .000781         | .0044393        | .001610         |
| %RSD   | 50.28919        | 277.0132        | 187.6366        | 91.77064        | 25.46360        | 148.7080        | 16.24831        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002132</b> | <b>-.000540</b> | <b>-.000682</b> | <b>.0007969</b> | <b>-.002997</b> | <b>.0065455</b> | <b>-.011755</b> |
| #2 | <b>-.002489</b> | <b>.000792</b>  | <b>-.000705</b> | <b>.0013131</b> | <b>-.003883</b> | <b>-.001989</b> | <b>-.008785</b> |
| #3 | <b>-.000775</b> | <b>-.001497</b> | <b>.000388</b>  | <b>.0045613</b> | <b>-.002326</b> | <b>.004399</b>  | <b>-.009192</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000118</b> | <b>.0000223</b> | <b>-.012144</b> | <b>-.000146</b> | <b>.0000468</b> | <b>-.000052</b> | <b>-.001616</b> |
| Stddev | .0000431        | .0000271        | .009842         | .000113         | .0001633        | .000366         | .003169         |
| %RSD   | 365.8183        | 121.4481        | 81.04588        | 77.57959        | 348.7145        | 698.9629        | 196.1672        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000131</b> | <b>.0000318</b> | <b>-.001862</b> | <b>-.000054</b> | <b>-.000006</b> | <b>.000334</b>  | <b>-.000873</b> |
| #2 | <b>-.000032</b> | <b>-.000008</b> | <b>-.013093</b> | <b>-.000111</b> | <b>-.000083</b> | <b>-.000097</b> | <b>.001116</b>  |
| #3 | <b>.000054</b>  | <b>.000043</b>  | <b>-.021477</b> | <b>-.000272</b> | <b>.000230</b>  | <b>-.000394</b> | <b>-.005090</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000360</b> | <b>-.009663</b> | <b>.0004296</b> | <b>.0006136</b> | <b>-.028555</b> | <b>-.001742</b> | <b>.0003977</b> |
| Stddev | .0005090        | .011196         | .0001796        | .0000284        | .008466         | .001839         | .0004257        |
| %RSD   | 1414.589        | 115.8679        | 41.80114        | 4.627776        | 29.64930        | 105.5580        | 107.0281        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0006069</b> | <b>-.018081</b> | <b>.0003338</b> | <b>.0005961</b> | <b>-.032077</b> | <b>-.002504</b> | <b>.0008888</b> |
| #2 | <b>-.000371</b> | <b>.003043</b>  | <b>.0006368</b> | <b>.0005984</b> | <b>-.034691</b> | <b>.000355</b>  | <b>.0001341</b> |
| #3 | <b>-.000128</b> | <b>-.013951</b> | <b>.0003183</b> | <b>.0006464</b> | <b>-.018896</b> | <b>-.003079</b> | <b>.0001703</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0008263</b> | <b>.0012723</b> | <b>.0001459</b> | <b>.0001199</b> | <b>.0017709</b> | <b>.0040321</b> | <b>.0019034</b> |
| Stddev | .0115197        | .0010010        | .0001791        | .0004393        | .0017702        | .0064169        | .0019038        |
| %RSD   | 1394.212        | 78.67945        | 122.7958        | 366.4955        | 99.95812        | 159.1467        | 100.0240        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002008</b> | <b>.0018472</b> | <b>-.000049</b> | <b>.0005656</b> | <b>-.000062</b> | <b>.0072966</b> | <b>.0034187</b> |
| #2 | <b>-.009012</b> | <b>.0001164</b> | <b>.000303</b>  | <b>-.000313</b> | <b>.003471</b>  | <b>.0081604</b> | <b>.0025249</b> |
| #3 | <b>.013499</b>  | <b>.0018533</b> | <b>.000184</b>  | <b>.000107</b>  | <b>.001903</b>  | <b>-.003361</b> | <b>-.000234</b> |

Sample Name: CCB01      Acquired: 6/8/2023 14:06:31      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000824</b> | <b>.0017358</b> | <b>.0000789</b> | <b>z *****</b> |
| Stddev | .001900         | .0005699        | .0000738        | -----          |
| %RSD   | 230.6479        | 32.83297        | 93.47746        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000734</b> | <b>.0020356</b> | <b>.0000101</b> | <b>z 2639.077</b> |
| #2 | <b>.001029</b>  | <b>.0010786</b> | <b>.0001568</b> | <b>z 2652.291</b> |
| #3 | <b>-.002767</b> | <b>.0020933</b> | <b>.0000699</b> | <b>z 2646.839</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3616.619</b> | <b>55414.26</b> | <b>10043.63</b> | <b>3441.505</b> | <b>3307.793</b> |
| Stddev    | 19.446          | 282.76          | 18.36           | 11.566          | 13.934          |
| %RSD      | .5376880        | .5102692        | .1828221        | .3360710        | .4212474        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3601.350 | 55167.91 | 10038.43 | 3430.436 | 3298.088 |
| #2 | 3609.995 | 55723.01 | 10028.43 | 3453.511 | 3301.531 |
| #3 | 3638.512 | 55351.86 | 10064.03 | 3440.566 | 3323.759 |

Sample Name: PB153278BL      Acquired: 6/8/2023 14:10:35      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001690</b> | <b>-.000059</b> | <b>-.000332</b> | <b>.0016628</b> | <b>-.003102</b> | <b>.0101783</b> | <b>-.013119</b> |
| Stddev | .001194         | .000505         | .000358         | .0043177        | .001443         | .0034582        | .002026         |
| %RSD   | 70.68574        | 850.1556        | 107.8073        | 259.6561        | 46.50696        | 33.97565        | 15.44225        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000595</b> | <b>-.000319</b> | <b>-.000036</b> | <b>-.001793</b> | <b>-.001543</b> | <b>.0111256</b> | <b>-.015436</b> |
| #2 | <b>-.001510</b> | <b>.000523</b>  | <b>-.000229</b> | <b>.000279</b>  | <b>-.003372</b> | <b>.0130642</b> | <b>-.011682</b> |
| #3 | <b>-.002964</b> | <b>-.000382</b> | <b>-.000729</b> | <b>.006503</b>  | <b>-.004390</b> | <b>.0063453</b> | <b>-.012240</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000506</b> | <b>.0000343</b> | <b>-.014273</b> | <b>-.000137</b> | <b>-.000133</b> | <b>-.000348</b> | <b>-.000498</b> |
| Stddev | .0000255        | .0000338        | .004748         | .000153         | .000321         | .000059         | .005324         |
| %RSD   | 50.38106        | 98.48807        | 33.26693        | 111.6227        | 241.7434        | 16.88613        | 1068.376        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000571</b> | <b>.0000640</b> | <b>-.015267</b> | <b>-.000311</b> | <b>-.000025</b> | <b>-.000371</b> | <b>.000004</b>  |
| #2 | <b>.0000225</b> | <b>.0000413</b> | <b>-.018445</b> | <b>-.000022</b> | <b>-.000493</b> | <b>-.000282</b> | <b>-.006056</b> |
| #3 | <b>.0000722</b> | <b>-.000002</b> | <b>-.009106</b> | <b>-.000079</b> | <b>.000120</b>  | <b>-.000392</b> | <b>.004557</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003721</b> | <b>-.002247</b> | <b>.0002332</b> | <b>.0007491</b> | <b>-.026896</b> | <b>-.000528</b> | <b>.0001740</b> |
| Stddev | .0001362        | .014776         | .0002312        | .0004885        | .013463         | .000877         | .0001884        |
| %RSD   | 36.59546        | 657.6148        | 99.14963        | 65.20687        | 50.05480        | 165.9601        | 108.2737        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0004473</b> | <b>.014719</b>  | <b>-.000008</b> | <b>.0011140</b> | <b>-.033908</b> | <b>-.001486</b> | <b>.0001346</b> |
| #2 | <b>.0004540</b> | <b>-.009171</b> | <b>.000452</b>  | <b>.0001942</b> | <b>-.035404</b> | <b>-.000332</b> | <b>.0000084</b> |
| #3 | <b>.0002149</b> | <b>-.012289</b> | <b>.000255</b>  | <b>.0009391</b> | <b>-.011374</b> | <b>.000233</b>  | <b>.0003790</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.051772</b> | <b>.0007653</b> | <b>.0000058</b> | <b>.0000912</b> | <b>.0011526</b> | <b>.0033475</b> | <b>.0009115</b> |
| Stddev | .007420         | .0005620        | .0001924        | .0004188        | .0009543        | .0023694        | .0021029        |
| %RSD   | 14.33122        | 73.43159        | 3298.602        | 459.1486        | 82.79730        | 70.78191        | 230.7165        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.056903</b> | <b>.0011520</b> | <b>-.000031</b> | <b>-.000189</b> | <b>.0010017</b> | <b>.0023913</b> | <b>-.000936</b> |
| #2 | <b>-.055148</b> | <b>.0001207</b> | <b>.000214</b>  | <b>.000573</b>  | <b>.0021733</b> | <b>.0060455</b> | <b>.000470</b>  |
| #3 | <b>-.043265</b> | <b>.0010233</b> | <b>-.000166</b> | <b>-.000110</b> | <b>.0002827</b> | <b>.0016055</b> | <b>.003200</b>  |

Sample Name: PB153278BL      Acquired: 6/8/2023 14:10:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PBW      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.002638</b> | <b>.0017114</b> | <b>.0000322</b> | <b>z *****</b> |
| Stddev | .004213         | .0007092        | .0000438        | -----          |
| %RSD   | 159.6732        | 41.43790        | 135.9355        | -----          |

|    |          |          |          |                   |
|----|----------|----------|----------|-------------------|
| #1 | .002224  | .0012284 | .0000023 | <b>z 2643.982</b> |
| #2 | -.005180 | .0013802 | .0000825 | <b>z 2631.936</b> |
| #3 | -.004960 | .0025256 | .0000118 | <b>z 2651.198</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3635.633</b> | <b>55577.60</b> | <b>10224.05</b> | <b>3446.495</b> | <b>3326.255</b> |
| Stddev    | 13.134          | 391.95          | 363.81          | 15.629          | 12.312          |
| %RSD      | .3612633        | .7052389        | 3.558352        | .4534846        | .3701531        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3641.275 | 55128.16 | 10643.84 | 3428.607 | 3332.609 |
| #2 | 3620.621 | 55756.14 | 10000.45 | 3453.368 | 3312.064 |
| #3 | 3645.004 | 55848.50 | 10027.86 | 3457.510 | 3334.092 |

Sample Name: PB153278BS      Acquired: 6/8/2023 14:14:38      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8256817 | 2.033980 | .9833085 | 2.027346 | .7967639 | 2.105789 | .1940758 |
| Stddev | .0016575 | .003956  | .0025675 | .011307  | .0024698 | .014196  | .0025417 |
| %RSD   | .2007390 | .1944767 | .2611043 | .5577357 | .3099789 | .6741264 | 1.309653 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8265952 | 2.037233 | .9859313 | 2.024103 | .7944836 | 2.091145 | .1931956 |
| #2 | .8237685 | 2.029577 | .9831941 | 2.018014 | .7993873 | 2.119489 | .1969407 |
| #3 | .8266815 | 2.035131 | .9808002 | 2.039920 | .7964208 | 2.106733 | .1920912 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2057032 | .1965256 | 1.031780 | .4147504 | .1945867 | .3150596 | 3.104588 |
| Stddev | .0005436 | .0004104 | .007186  | .0082077 | .0004014 | .0003075 | .054575  |
| %RSD   | .2642699 | .2088016 | .6964734 | 1.978939 | .2062670 | .0976033 | 1.757891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2063228 | .1967801 | 1.023575 | .4241767 | .1950475 | .3151665 | 3.167545 |
| #2 | .2053062 | .1967445 | 1.036955 | .4108885 | .1943999 | .3152994 | 3.070713 |
| #3 | .2054807 | .1960523 | 1.034809 | .4091861 | .1943129 | .3147129 | 3.075505 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2171034 | 2.108470 | .4967455 | .0750525 | 2.864462 | .3203524 | .2050409 |
| Stddev | .0008994 | .028694  | .0007241 | .0014168 | .038254  | .0028275 | .0033796 |
| %RSD   | .4142552 | 1.360906 | .1457737 | 1.887779 | 1.335459 | .8826171 | 1.648264 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2160649 | 2.077418 | .4975797 | .0766239 | 2.907953 | .3213040 | .2087511 |
| #2 | .2176308 | 2.134005 | .4962798 | .0746607 | 2.836028 | .3225812 | .2021381 |
| #3 | .2176144 | 2.113986 | .4963769 | .0738727 | 2.849404 | .3171718 | .2042337 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.869909 | .3194870 | .4192048 | .6918475 | .2171840 | .8625322 | 5.974470 |
| Stddev | .154634  | .0014658 | .0007428 | .0014285 | .0033755 | .0186020 | .012057  |
| %RSD   | 1.566725 | .4587881 | .1771963 | .2064778 | 1.554229 | 2.156676 | .2018021 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.04836 | .3210321 | .4199716 | .6923772 | .2135006 | .8814915 | 5.980607 |
| #2 | 9.77550  | .3193126 | .4191542 | .6929354 | .2201296 | .8617957 | 5.982223 |
| #3 | 9.78586  | .3181161 | .4184886 | .6902297 | .2179219 | .8443094 | 5.960579 |

Sample Name: PB153278BS      Acquired: 6/8/2023 14:14:38      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 9.336847 | .2094778 | .2177744 | Z ***** |
| Stddev | .032636  | .0032395 | .0005403 | -----   |
| %RSD   | .3495392 | 1.546443 | .2480836 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 9.340688 | .2080623 | .2171764 | Z 8572.136 |
| #2 | 9.367393 | .2071871 | .2179195 | Z 8553.254 |
| #3 | 9.302461 | .2131842 | .2182273 | Z 8534.519 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3634.668 | 55169.27 | 9947.451 | 3411.860 | 3275.204 |
| Stddev    | 6.697    | 1011.06  | 35.748   | 64.569   | 8.803    |
| %RSD      | .1842642 | 1.832653 | .3593654 | 1.892490 | .2687853 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3630.829 | 54015.12 | 9933.691 | 3337.832 | 3269.197 |
| #2 | 3630.773 | 55594.03 | 9920.627 | 3441.181 | 3271.106 |
| #3 | 3642.401 | 55898.66 | 9988.033 | 3456.565 | 3285.309 |

Sample Name: O1627-12      Acquired: 6/8/2023 14:18:21      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MDL-WATER-06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038022 | .0111825 | .0030008 | .0081857 | .0095575 | .0389220 | .0170142 |
| Stddev | .0012202 | .0023959 | .0021396 | .0017029 | .0012283 | .0012862 | .0010505 |
| %RSD   | 32.09181 | 21.42551 | 71.30083 | 20.80305 | 12.85126 | 3.304464 | 6.174169 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024489 | .0095546 | .0025828 | .0095232 | .0087083 | .0398237 | .0161431 |
| #2 | .0048184 | .0100593 | .0053186 | .0087651 | .0109658 | .0394931 | .0181808 |
| #3 | .0041393 | .0139337 | .0011010 | .0062687 | .0089983 | .0374492 | .0167186 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017471 | .0016692 | .5333327 | .0027268 | .0075677 | .0061492 | .0275491 |
| Stddev | .0000436 | .0000624 | .0046488 | .0000039 | .0002667 | .0001065 | .0008160 |
| %RSD   | 2.496982 | 3.736010 | .8716537 | .1442272 | 3.524641 | 1.731647 | 2.962085 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017524 | .0016583 | .5320799 | .0027258 | .0076939 | .0062324 | .0266435 |
| #2 | .0017878 | .0016130 | .5384795 | .0027311 | .0077480 | .0061859 | .0277767 |
| #3 | .0017010 | .0017363 | .5294387 | .0027235 | .0072613 | .0060292 | .0282272 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062961 | .5991408 | .0106588 | .0036075 | .4861759 | .0108695 | .0109269 |
| Stddev | .0001729 | .0300754 | .0004235 | .0001742 | .0108250 | .0019375 | .0001189 |
| %RSD   | 2.745616 | 5.019758 | 3.973564 | 4.828859 | 2.226555 | 17.82506 | 1.087879 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064957 | .6270965 | .0101729 | .0038044 | .4799026 | .0118476 | .0108364 |
| #2 | .0061937 | .6030064 | .0108541 | .0035448 | .4986755 | .0121229 | .0110616 |
| #3 | .0061989 | .5673194 | .0109495 | .0034734 | .4799497 | .0086379 | .0108828 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4842334 | .0296023 | .0590891 | .0107456 | .0116847 | .0926253 | .0055134 |
| Stddev | .0208237 | .0005858 | .0001048 | .0006391 | .0024608 | .0103206 | .0003579 |
| %RSD   | 4.300342 | 1.978840 | .1773026 | 5.947146 | 21.05965 | 11.14229 | 6.491660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4604561 | .0299283 | .0590679 | .0100739 | .0129547 | .0896865 | .0055179 |
| #2 | .4930229 | .0299527 | .0589965 | .0113460 | .0132511 | .1040965 | .0058690 |
| #3 | .4992212 | .0289261 | .0592028 | .0108171 | .0088484 | .0840928 | .0051532 |

Sample Name: O1627-12      Acquired: 6/8/2023 14:18:21      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: MDL-WATER-06      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0052302 | .0076068 | .0057494 | z ***** |
| Stddev | .0017300 | .0031960 | .0000751 | -----   |
| %RSD   | 33.07690 | 42.01535 | 1.306965 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0072068 | .0053300 | .0058179 | z 2632.787 |
| #2 | .0039911 | .0112605 | .0056690 | z 2665.269 |
| #3 | .0044928 | .0062299 | .0057611 | z 2643.028 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3616.734 | 55389.72 | 9956.239 | 3418.134 | 3319.085 |
| Stddev    | 4.275    | 125.96   | 44.376   | 20.692   | 7.135    |
| %RSD      | .1182045 | .2274128 | .4457153 | .6053725 | .2149681 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3621.601 | 55259.41 | 9911.180 | 3396.066 | 3326.693 |
| #2 | 3613.581 | 55398.93 | 9999.900 | 3421.233 | 3318.018 |
| #3 | 3615.021 | 55510.83 | 9957.635 | 3437.102 | 3312.543 |

Sample Name: O1627-10      Acquired: 6/8/2023 14:22:20      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LOD-MDL-WATE      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0140007</b> | <b>.0297525</b> | <b>.0082449</b> | <b>.0192281</b> | <b>.0349448</b> | <b>.0829360</b> | <b>.0621355</b> |
| Stddev | .0010910        | .0014535        | .0014262        | .0029153        | .0010288        | .0058200        | .0008472        |
| %RSD   | 7.792328        | 4.885252        | 17.29826        | 15.16159        | 2.944175        | 7.017464        | 1.363511        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0151983 | .0287002 | .0070223 | .0160288 | .0338540 | .0896293 | .0630367 |
| #2 | .0137406 | .0291462 | .0098118 | .0217346 | .0358978 | .0790674 | .0620147 |
| #3 | .0130633 | .0314109 | .0079008 | .0199207 | .0350827 | .0801113 | .0613552 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0048608</b> | <b>.0048172</b> | <b>1.495433</b> | <b>.0077190</b> | <b>.0221800</b> | <b>.0170390</b> | <b>.0807411</b> |
| Stddev | .0001114        | .0000565        | .010650         | .0001053        | .0003075        | .0002006        | .0020796        |
| %RSD   | 2.290787        | 1.173472        | .7121607        | 1.364598        | 1.386191        | 1.177448        | 2.575598        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049047 | .0048039 | 1.485387 | .0076293 | .0224626 | .0172658 | .0818031 |
| #2 | .0047342 | .0048792 | 1.506598 | .0078350 | .0222248 | .0168849 | .0783450 |
| #3 | .0049436 | .0047685 | 1.494314 | .0076926 | .0218525 | .0169663 | .0820753 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0168430</b> | <b>1.664445</b> | <b>.0301758</b> | <b>.0088271</b> | <b>1.428428</b> | <b>.0303887</b> | <b>.0310334</b> |
| Stddev | .0002366        | .013763         | .0002922        | .0003853        | .005157         | .0019839        | .0002366        |
| %RSD   | 1.404551        | .8268778        | .9683564        | 4.365136        | .3610419        | 6.528264        | .7623872        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0171144 | 1.656934 | .0305062 | .0092650 | 1.424764 | .0281005 | .0311101 |
| #2 | .0167342 | 1.656072 | .0299516 | .0085399 | 1.434326 | .0316253 | .0307679 |
| #3 | .0166804 | 1.680329 | .0300695 | .0086765 | 1.426195 | .0314404 | .0312221 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.461556</b> | <b>.0784567</b> | <b>.1666278</b> | <b>.0293319</b> | <b>.0338810</b> | <b>.2849515</b> | <b>.0130060</b> |
| Stddev | .013795         | .0005870        | .0001788        | .0000401        | .0009627        | .0017354        | .0011473        |
| %RSD   | .9438782        | .7481386        | .1073019        | .1367161        | 2.841410        | .6090178        | 8.821086        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.452775 | .0791302 | .1664221 | .0293338 | .0332000 | .2869212 | .0126659 |
| #2 | 1.454436 | .0781851 | .1667149 | .0292909 | .0334605 | .2836476 | .0120672 |
| #3 | 1.477456 | .0780547 | .1667463 | .0293710 | .0349824 | .2842856 | .0142848 |

Sample Name: O1627-10      Acquired: 6/8/2023 14:22:20      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: LOD-MDL-WATE      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0129607 | .0183543 | .0163629 | z ***** |
| Stddev | .0011740 | .0029683 | .0000747 | -----   |
| %RSD   | 9.057908 | 16.17196 | .4566220 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0140118 | .0185510 | .0163603 | z 2658.624 |
| #2 | .0131765 | .0212193 | .0162895 | z 2669.245 |
| #3 | .0116938 | .0152926 | .0164389 | z 2673.596 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3594.992 | 54662.23 | 10096.15 | 3422.197 | 3245.848 |
| Stddev    | 3.115    | 164.21   | 22.22    | 3.425    | 6.021    |
| %RSD      | .0866369 | .3004156 | .2200344 | .1000814 | .1855063 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3591.405 | 54833.25 | 10070.74 | 3425.299 | 3240.257 |
| #2 | 3596.564 | 54647.63 | 10105.79 | 3418.522 | 3245.064 |
| #3 | 3597.007 | 54505.80 | 10111.92 | 3422.771 | 3252.223 |

Sample Name: PB152262BL      Acquired: 6/8/2023 14:26:18      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.000314</b> | <b>-.000227</b> | <b>-.001841</b> | <b>-.000874</b> | <b>-.003776</b> | <b>.0061500</b> | <b>-.010026</b> |
| Stddev | .001855         | .001399         | .001649         | .002264         | .001398         | .0026153        | .001791         |
| %RSD   | 591.4247        | 616.4770        | 89.55329        | 259.1363        | 37.02968        | 42.52591        | 17.86725        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001631  | -.001507 | -.000961 | .001295  | -.003944 | .0091555 | -.011351 |
| #2 | -.002064 | .001267  | -.003744 | -.000694 | -.005082 | .0043917 | -.007988 |
| #3 | -.000508 | -.000441 | -.000819 | -.003222 | -.002301 | .0049028 | -.010740 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000608</b> | <b>.0000142</b> | <b>-.017156</b> | <b>.0000393</b> | <b>-.000056</b> | <b>-.000420</b> | <b>-.000998</b> |
| Stddev | .0000401        | .0000382        | .003039         | .0001431        | .000036         | .000225         | .003659         |
| %RSD   | 65.90838        | 268.6414        | 17.71650        | 363.8904        | 65.17949        | 53.67602        | 366.5018        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000160 | .0000343 | -.015895 | -.000123 | -.000032 | -.000169 | .000376  |
| #2 | .0000734 | -.000030 | -.020623 | .000147  | -.000097 | -.000486 | .001774  |
| #3 | .0000932 | .000038  | -.014950 | .000094  | -.000037 | -.000604 | -.005145 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001311</b> | <b>.0032096</b> | <b>.0001452</b> | <b>.0008342</b> | <b>-.026586</b> | <b>-.000782</b> | <b>-.000075</b> |
| Stddev | .0001883        | .0079958        | .0003078        | .0003858        | .012532         | .001894         | .000200         |
| %RSD   | 143.7016        | 249.1196        | 212.0204        | 46.24239        | 47.13717        | 242.1059        | 268.5664        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000069 | .0005536 | -.000050 | .0010763 | -.013399 | -.002135 | -.000192 |
| #2 | .0000385 | -.003120 | -.000014 | .0010370 | -.028018 | -.001593 | .000157  |
| #3 | .0003478 | .012195  | .000500  | .0003894 | -.038340 | .001382  | -.000188 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.038153</b> | <b>.0008465</b> | <b>.0001108</b> | <b>.0005778</b> | <b>.0016938</b> | <b>-.000697</b> | <b>.0012517</b> |
| Stddev | .009462         | .0010046        | .0001572        | .0003127        | .0009138        | .005440         | .0020251        |
| %RSD   | 24.80071        | 118.6850        | 141.9617        | 54.11650        | 53.95157        | 780.5930        | 161.7829        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.040400 | -.000267 | .0001139 | .0002197 | .0009121 | -.004003 | .0014075 |
| #2 | -.027770 | .001121  | -.000048 | .0007967 | .0026984 | .005581  | .0031944 |
| #3 | -.046290 | .001685  | .000266  | .0007172 | .0014708 | -.003669 | -.000847 |

Sample Name: PB152262BL      Acquired: 6/8/2023 14:26:18      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000254</b> | <b>.0017522</b> | <b>.0000319</b> | <b>z *****</b> |
| Stddev | .001830         | .0009069        | .0000551        | -----          |
| %RSD   | 721.4742        | 51.75669        | 172.7895        | -----          |

|    |                 |          |                 |                   |
|----|-----------------|----------|-----------------|-------------------|
| #1 | .001411         | .0021283 | .0000136        | <b>z 2651.558</b> |
| #2 | <b>-.002213</b> | .0007178 | <b>-.000012</b> | <b>z 2651.796</b> |
| #3 | .000041         | .0024106 | .000094         | <b>z 2657.136</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3585.810</b> | <b>54486.03</b> | <b>9907.470</b> | <b>3385.478</b> | <b>3273.985</b> |
| Stddev    | 16.770          | 164.67          | 36.030          | 22.756          | 14.120          |
| %RSD      | .4676858        | .3022251        | .3636661        | .6721629        | .4312938        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3575.747 | 54539.46 | 9922.124 | 3365.815 | 3262.535 |
| #2 | 3576.513 | 54617.34 | 9866.422 | 3410.404 | 3269.659 |
| #3 | 3605.169 | 54301.27 | 9933.865 | 3380.215 | 3289.763 |

Sample Name: PB152262BS      Acquired: 6/8/2023 14:30:18      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>.8525285</b> | <b>2.077686</b> | <b>1.005164</b> | <b>2.099275</b> | <b>.8147334</b> | <b>2.127058</b> | <b>.1924294</b> |
| Stddev | .0020476        | .009135         | .002558         | .008810         | .0031806        | .013176         | .0022998        |
| %RSD   | .2401851        | .4396513        | .2545019        | .4196527        | .3903824        | .6194249        | 1.195161        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8543890 | 2.084872 | 1.006883 | 2.107619 | .8183825 | 2.115450 | .1944978 |
| #2 | .8528618 | 2.080779 | 1.006384 | 2.100142 | .8132687 | 2.124344 | .1899528 |
| #3 | .8503346 | 2.067406 | 1.002224 | 2.090064 | .8125491 | 2.141379 | .1928376 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2062493</b> | <b>.2006706</b> | <b>1.040959</b> | <b>.4210243</b> | <b>.1986767</b> | <b>.3219510</b> | <b>3.160204</b> |
| Stddev | .0010348        | .0005737        | .007806         | .0010955        | .0002945        | .0011059        | .008693         |
| %RSD   | .5017368        | .2859084        | .7499119        | .2601887        | .1482548        | .3434963        | .2750667        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2068850 | .2012269 | 1.042513 | .4222865 | .1988079 | .3226614 | 3.152171 |
| #2 | .2050552 | .2007040 | 1.032492 | .4204649 | .1988828 | .3225147 | 3.159007 |
| #3 | .2068077 | .2000809 | 1.047871 | .4203215 | .1983393 | .3206768 | 3.169432 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2183313</b> | <b>2.115994</b> | <b>.5081318</b> | <b>.0759760</b> | <b>2.911213</b> | <b>.3201370</b> | <b>.2058612</b> |
| Stddev | .0007346        | .017024         | .0021801        | .0001783        | .004229         | .0023975        | .0008349        |
| %RSD   | .3364852        | .8045554        | .4290455        | .2347328        | .1452677        | .7488821        | .4055482        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2188440 | 2.100440 | .5095698 | .0760664 | 2.906470 | .3205023 | .2054231 |
| #2 | .2174896 | 2.113359 | .5092021 | .0757706 | 2.914591 | .3175780 | .2053366 |
| #3 | .2186601 | 2.134182 | .5056234 | .0760911 | 2.912578 | .3223309 | .2068239 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.03186</b> | <b>.3186280</b> | <b>.4263944</b> | <b>.7068872</b> | <b>.2184510</b> | <b>.8883254</b> | <b>6.165433</b> |
| Stddev | .03650          | .0019989        | .0012942        | .0015847        | .0004484        | .0175162        | .015334         |
| %RSD   | .3638033        | .6273438        | .3035155        | .2241753        | .2052471        | 1.971817        | .2487111        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.02208 | .3204777 | .4278751 | .7085148 | .2179938 | .9074513 | 6.182390 |
| #2 | 10.07225 | .3165076 | .4258285 | .7067976 | .2184693 | .8844605 | 6.161369 |
| #3 | 10.00125 | .3188987 | .4254796 | .7053493 | .2188900 | .8730646 | 6.152541 |

Sample Name: PB152262BS      Acquired: 6/8/2023 14:30:18      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 9.663687 | .2114901 | .2187629 | z ***** |
| Stddev | .017904  | .0027160 | .0007561 | -----   |
| %RSD   | .1852757 | 1.284218 | .3456264 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 9.678741 | .2137419 | .2187038 | z 8436.939 |
| #2 | 9.668431 | .2122545 | .2180381 | z 8460.450 |
| #3 | 9.643888 | .2084738 | .2195469 | z 8443.863 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3561.296 | 54265.79 | 9914.166 | 3387.118 | 3195.979 |
| Stddev    | 17.333   | 121.10   | 44.437   | 2.121    | 15.293   |
| %RSD      | .4866968 | .2231552 | .4482145 | .0626335 | .4784990 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3546.110 | 54126.87 | 9892.565 | 3385.003 | 3183.187 |
| #2 | 3557.599 | 54321.45 | 9965.274 | 3389.246 | 3191.833 |
| #3 | 3580.179 | 54349.05 | 9884.659 | 3387.104 | 3212.918 |

Sample Name: PB152263BL      Acquired: 6/8/2023 14:34:02      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.002152</b> | <b>-.001005</b> | <b>-.000354</b> | <b>-.000210</b> | <b>-.004773</b> | <b>.0079836</b> | <b>-.009739</b> |
| Stddev | .002348         | .001119         | .001114         | .001912         | .000270         | .0024448        | .000379         |
| %RSD   | 109.0815        | 111.2713        | 314.5088        | 909.7397        | 5.665644        | 30.62326        | 3.891525        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003113</b> | <b>-.002053</b> | <b>-.001615</b> | <b>-.000826</b> | <b>-.005038</b> | <b>.0069189</b> | <b>-.009925</b> |
| #2 | <b>-.003867</b> | <b>-.001136</b> | <b>.000498</b>  | <b>-.001738</b> | <b>-.004498</b> | <b>.0062516</b> | <b>-.009303</b> |
| #3 | <b>.000523</b>  | <b>.000173</b>  | <b>.000054</b>  | <b>.001934</b>  | <b>-.004781</b> | <b>.0107802</b> | <b>-.009990</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000311</b> | <b>-.000031</b> | <b>-.004198</b> | <b>-.000074</b> | <b>-.000191</b> | <b>-.000573</b> | <b>.0004976</b> |
| Stddev | .0000756        | .000056         | .004203         | .000274         | .000132         | .000180         | .0037855        |
| %RSD   | 242.9108        | 180.5372        | 100.1214        | 371.1047        | 69.23394        | 31.44061        | 760.7726        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000141</b> | <b>.000032</b>  | <b>.000444</b>  | <b>.000231</b>  | <b>-.000039</b> | <b>-.000577</b> | <b>-.000911</b> |
| #2 | <b>-.000035</b> | <b>-.000050</b> | <b>-.007745</b> | <b>-.000152</b> | <b>-.000276</b> | <b>-.000750</b> | <b>-.002381</b> |
| #3 | <b>.000114</b>  | <b>-.000076</b> | <b>-.005291</b> | <b>-.000300</b> | <b>-.000258</b> | <b>-.000390</b> | <b>.004785</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003655</b> | <b>.0113860</b> | <b>.0002851</b> | <b>.0008589</b> | <b>-.031121</b> | <b>-.001268</b> | <b>-.000143</b> |
| Stddev | .0001170        | .0164508        | .0002028        | .0003148        | .006134         | .001770         | .000181         |
| %RSD   | 32.00191        | 144.4823        | 71.10877        | 36.64615        | 19.70980        | 139.5535        | 126.7851        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0003733</b> | <b>.0239475</b> | <b>.0004137</b> | <b>.0007258</b> | <b>-.027545</b> | <b>.000681</b>  | <b>-.000205</b> |
| #2 | <b>.0004783</b> | <b>.0174457</b> | <b>.0000514</b> | <b>.0012184</b> | <b>-.038204</b> | <b>-.001710</b> | <b>.000061</b>  |
| #3 | <b>.0002448</b> | <b>-.007235</b> | <b>.0003903</b> | <b>.0006326</b> | <b>-.027614</b> | <b>-.002776</b> | <b>-.000284</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.015686</b> | <b>.0001370</b> | <b>-.000005</b> | <b>.0002627</b> | <b>.0013439</b> | <b>-.004400</b> | <b>.0007505</b> |
| Stddev | .013654         | .0007313        | .000086         | .0005215        | .0009539        | .006972         | .0019833        |
| %RSD   | 87.04883        | 533.7834        | 1894.742        | 198.5195        | 70.97445        | 158.4553        | 264.2733        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002033</b> | <b>.0001919</b> | <b>.000090</b>  | <b>.0003958</b> | <b>.0022079</b> | <b>.003430</b>  | <b>-.001415</b> |
| #2 | <b>-.015683</b> | <b>-.000620</b> | <b>-.000025</b> | <b>.0007049</b> | <b>.0015036</b> | <b>-.006694</b> | <b>.001188</b>  |
| #3 | <b>-.029341</b> | <b>.000839</b>  | <b>-.000078</b> | <b>-.000312</b> | <b>.0003203</b> | <b>-.009937</b> | <b>.002479</b>  |

Sample Name: PB152263BL      Acquired: 6/8/2023 14:34:02      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000874</b> | <b>.0013225</b> | <b>.0000574</b> | <b>z *****</b> |
| Stddev | .002710         | .0007025        | .0000758        | -----          |
| %RSD   | 310.0469        | 53.11651        | 132.0531        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.004001</b> | <b>.0014428</b> | <b>-.000013</b> | <b>z 2648.216</b> |
| #2 | <b>.000791</b>  | <b>.0005676</b> | <b>.000138</b>  | <b>z 2644.721</b> |
| #3 | <b>.000588</b>  | <b>.0019570</b> | <b>.000047</b>  | <b>z 2659.880</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3648.214</b> | <b>56165.33</b> | <b>9988.077</b> | <b>3476.061</b> | <b>3335.325</b> |
| Stddev    | 12.941          | 318.76          | 46.949          | 22.416          | 18.256          |
| %RSD      | .3547235        | .5675305        | .4700476        | .6448739        | .5473444        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3654.293</b> | <b>55901.26</b> | <b>10018.07</b> | <b>3451.076</b> | <b>3348.954</b> |
| #2 | <b>3656.996</b> | <b>56075.32</b> | <b>10012.19</b> | <b>3482.694</b> | <b>3342.436</b> |
| #3 | <b>3633.352</b> | <b>56519.41</b> | <b>9933.97</b>  | <b>3494.411</b> | <b>3314.583</b> |

Sample Name: PB152263BS      Acquired: 6/8/2023 14:38:03      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>.8404570</b> | <b>2.073667</b> | <b>.9977479</b> | <b>2.088384</b> | <b>.8056051</b> | <b>2.107666</b> | <b>.1916363</b> |
| Stddev | .0055955        | .012330         | .0068455        | .020502         | .0060961        | .021333         | .0002044        |
| %RSD   | .6657659        | .5945774        | .6860988        | .9817165        | .7567080        | 1.012139        | .1066340        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8468897</b> | <b>2.083142</b> | <b>1.005528</b> | <b>2.110796</b> | <b>.8123388</b> | <b>2.127355</b> | <b>.1914174</b> |
| #2 | <b>.8377650</b> | <b>2.059727</b> | <b>.992647</b>  | <b>2.070575</b> | <b>.8004619</b> | <b>2.085002</b> | <b>.1916697</b> |
| #3 | <b>.8367163</b> | <b>2.078133</b> | <b>.995069</b>  | <b>2.083780</b> | <b>.8040148</b> | <b>2.110642</b> | <b>.1918219</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2050974</b> | <b>.1995953</b> | <b>1.041464</b> | <b>.4209934</b> | <b>.1969735</b> | <b>.3201458</b> | <b>3.140187</b> |
| Stddev | .0005750        | .0015344        | .002031         | .0026678        | .0015043        | .0021444        | .019013         |
| %RSD   | .2803360        | .7687560        | .1949903        | .6336987        | .7637046        | .6698248        | .6054821        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2054667</b> | <b>.2012240</b> | <b>1.042259</b> | <b>.4240469</b> | <b>.1983469</b> | <b>.3220045</b> | <b>3.160671</b> |
| #2 | <b>.2044350</b> | <b>.1981769</b> | <b>1.042977</b> | <b>.4198193</b> | <b>.1953658</b> | <b>.3177996</b> | <b>3.136785</b> |
| #3 | <b>.2053906</b> | <b>.1993849</b> | <b>1.039156</b> | <b>.4191140</b> | <b>.1972077</b> | <b>.3206332</b> | <b>3.123104</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2174210</b> | <b>2.081895</b> | <b>.5053977</b> | <b>.0759325</b> | <b>2.881340</b> | <b>.3217664</b> | <b>.2042763</b> |
| Stddev | .0007437        | .010258         | .0032207        | .0010150        | .022344         | .0018329        | .0014724        |
| %RSD   | .3420391        | .4927383        | .6372547        | 1.336705        | .7754757        | .5696233        | .7208044        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2180599</b> | <b>2.083395</b> | <b>.5087982</b> | <b>.0767259</b> | <b>2.889598</b> | <b>.3232167</b> | <b>.2059180</b> |
| #2 | <b>.2175985</b> | <b>2.070969</b> | <b>.5023935</b> | <b>.0762829</b> | <b>2.898380</b> | <b>.3197064</b> | <b>.2038384</b> |
| #3 | <b>.2166047</b> | <b>2.091320</b> | <b>.5050014</b> | <b>.0747887</b> | <b>2.856043</b> | <b>.3223761</b> | <b>.2030725</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.951742</b> | <b>.3203777</b> | <b>.4270631</b> | <b>.7006554</b> | <b>.2168825</b> | <b>.8656209</b> | <b>6.038542</b> |
| Stddev | .071619         | .0020838        | .0030295        | .0049559        | .0012450        | .0111775        | .035058         |
| %RSD   | .7196625        | .6504145        | .7093743        | .7073164        | .5740265        | 1.291275        | .5805734        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>10.03360</b> | <b>.3222606</b> | <b>.4304813</b> | <b>.7063017</b> | <b>.2183058</b> | <b>.8560474</b> | <b>6.077211</b> |
| #2 | <b>9.92102</b>  | <b>.3207336</b> | <b>.4247101</b> | <b>.6970261</b> | <b>.2163457</b> | <b>.8779042</b> | <b>6.008833</b> |
| #3 | <b>9.90061</b>  | <b>.3181388</b> | <b>.4259979</b> | <b>.6986385</b> | <b>.2159960</b> | <b>.8629111</b> | <b>6.029584</b> |

Sample Name: PB152263BS      Acquired: 6/8/2023 14:38:03      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 9.388355 | .2111347 | .2174511 | Z ***** |
| Stddev | .056400  | .0018220 | .0003344 | -----   |
| %RSD   | .6007434 | .8629408 | .1537883 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 9.449931 | .2090657 | .2177371 | Z 8663.191 |
| #2 | 9.339203 | .2124993 | .2175328 | Z 8617.553 |
| #3 | 9.375929 | .2118392 | .2170834 | Z 8647.085 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3618.896 | 55204.82 | 10017.22 | 3407.455 | 3264.502 |
| Stddev    | 21.137   | 308.95   | 14.12    | 28.838   | 19.620   |
| %RSD      | .5840683 | .5596355 | .1409827 | .8463335 | .6010004 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3596.554 | 54856.09 | 10003.95 | 3380.388 | 3244.364 |
| #2 | 3638.575 | 55314.06 | 10032.06 | 3404.189 | 3283.559 |
| #3 | 3621.561 | 55444.30 | 10015.64 | 3437.787 | 3265.582 |

Sample Name: O2213-03      Acquired: 6/8/2023 14:41:48      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0045300 | .0080883 | .0025247 | .0119532 | .0088223 | .0345168 | .0131725 |
| Stddev | .0014750 | .0009176 | .0008839 | .0053519 | .0016085 | .0051278 | .0025257 |
| %RSD   | 32.56079 | 11.34514 | 35.00847 | 44.77377 | 18.23178 | 14.85581 | 19.17390 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055579 | .0079133 | .0016792 | .0063747 | .0095314 | .0286081 | .0151045 |
| #2 | .0028399 | .0090808 | .0034425 | .0170453 | .0099545 | .0371413 | .0140985 |
| #3 | .0051922 | .0072708 | .0024525 | .0124396 | .0069812 | .0378011 | .0103145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016144 | .0016560 | .4953469 | .0027359 | .0075192 | .0060322 | .0233186 |
| Stddev | .0000437 | .0000221 | .0026920 | .0002308 | .0001307 | .0002780 | .0038258 |
| %RSD   | 2.709718 | 1.334912 | .5434501 | 8.436223 | 1.738354 | 4.608072 | 16.40672 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016581 | .0016311 | .4930888 | .0030022 | .0075899 | .0057710 | .0190950 |
| #2 | .0015706 | .0016733 | .4983259 | .0026105 | .0073684 | .0063244 | .0243090 |
| #3 | .0016145 | .0016635 | .4946258 | .0025949 | .0075994 | .0060014 | .0265519 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061249 | .5801363 | .0106325 | .0034565 | .4611716 | .0112845 | .0104937 |
| Stddev | .0001384 | .0146902 | .0003659 | .0005350 | .0081545 | .0005503 | .0000781 |
| %RSD   | 2.259303 | 2.532193 | 3.441189 | 15.47808 | 1.768210 | 4.876497 | .7439362 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062460 | .5672179 | .0104548 | .0036541 | .4601402 | .0119195 | .0105645 |
| #2 | .0059740 | .5770751 | .0103893 | .0028508 | .4697927 | .0109481 | .0105067 |
| #3 | .0061546 | .5961159 | .0110532 | .0038646 | .4535819 | .0109858 | .0104100 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4442632 | .0282136 | .0567496 | .0105158 | .0119389 | .0956369 | .0052589 |
| Stddev | .0240791 | .0004112 | .0002673 | .0005002 | .0006279 | .0109140 | .0014172 |
| %RSD   | 5.420017 | 1.457323 | .4710785 | 4.757016 | 5.259643 | 11.41189 | 26.94904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4357928 | .0279301 | .0567009 | .0105842 | .0112752 | .1006605 | .0041882 |
| #2 | .4714329 | .0286852 | .0565099 | .0099848 | .0120181 | .0831157 | .0068661 |
| #3 | .4255638 | .0280256 | .0570379 | .0109783 | .0125236 | .1031345 | .0047224 |

Sample Name: O2213-03      Acquired: 6/8/2023 14:41:48      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0055420 | .0074959 | .0055574 | z ***** |
| Stddev | .0036077 | .0040373 | .0000490 | -----   |
| %RSD   | 65.09791 | 53.86037 | .8809835 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0016213 | .0097895 | .0055044 | z 2646.715 |
| #2 | .0062829 | .0028342 | .0055669 | z 2647.954 |
| #3 | .0087218 | .0098639 | .0056009 | z 2641.562 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3585.240 | 55004.74 | 10068.66 | 3423.330 | 3249.302 |
| Stddev    | 21.666   | 230.48   | 29.36    | 21.152   | 17.359   |
| %RSD      | .6043161 | .4190248 | .2915576 | .6178848 | .5342294 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3587.375 | 55225.74 | 10035.58 | 3441.369 | 3251.417 |
| #2 | 3605.759 | 54765.82 | 10091.60 | 3400.050 | 3265.506 |
| #3 | 3562.585 | 55022.66 | 10078.81 | 3428.571 | 3230.982 |

Sample Name: O2213-09      Acquired: 6/8/2023 14:45:49      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0056844 | .0105233 | .0029708 | .0106136 | .0094067 | .0266044 | .0142696 |
| Stddev | .0024747 | .0010461 | .0009929 | .0044401 | .0014764 | .0043723 | .0014432 |
| %RSD   | 43.53585 | 9.940292 | 33.42062 | 41.83376 | 15.69557 | 16.43464 | 10.11365 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062922 | .0110431 | .0024604 | .0133481 | .0086241 | .0275298 | .0126306 |
| #2 | .0029624 | .0093192 | .0041151 | .0130023 | .0111096 | .0218434 | .0148281 |
| #3 | .0077986 | .0112077 | .0023371 | .0054906 | .0084862 | .0304399 | .0153501 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016238 | .0016210 | .5109672 | .0025691 | .0074632 | .0056232 | .0301318 |
| Stddev | .0000657 | .0000692 | .0111494 | .0001762 | .0002029 | .0001892 | .0021041 |
| %RSD   | 4.044399 | 4.269214 | 2.182014 | 6.857974 | 2.718454 | 3.363967 | 6.983145 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016996 | .0016959 | .5224831 | .0023908 | .0072290 | .0057665 | .0306509 |
| #2 | .0015827 | .0015594 | .5002246 | .0025733 | .0075734 | .0054088 | .0319278 |
| #3 | .0015892 | .0016077 | .5101938 | .0027431 | .0075871 | .0056944 | .0278167 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058356 | .5715254 | .0110080 | .0038533 | .4732504 | .0097293 | .0099863 |
| Stddev | .0002107 | .0086447 | .0000653 | .0004502 | .0034372 | .0021596 | .0004207 |
| %RSD   | 3.610432 | 1.512573 | .5933548 | 11.68351 | .7263018 | 22.19695 | 4.212839 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059075 | .5792678 | .0109831 | .0041172 | .4713104 | .0092929 | .0095011 |
| #2 | .0055983 | .5731106 | .0109588 | .0041092 | .4712218 | .0078213 | .0102490 |
| #3 | .0060009 | .5621977 | .0110822 | .0033335 | .4772191 | .0120738 | .0102090 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4868343 | .0256028 | .0568087 | .0100042 | .0122608 | .0988634 | .0045998 |
| Stddev | .0276443 | .0013923 | .0003899 | .0001108 | .0014320 | .0102942 | .0019038 |
| %RSD   | 5.678378 | 5.438048 | .6863047 | 1.107505 | 11.67906 | 10.41252 | 41.38762 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5057474 | .0260763 | .0565556 | .0098775 | .0106986 | .0870994 | .0067642 |
| #2 | .4996473 | .0240355 | .0566129 | .0100834 | .0135111 | .1032704 | .0031845 |
| #3 | .4551083 | .0266965 | .0572577 | .0100515 | .0125729 | .1062205 | .0038508 |

Sample Name: O2213-09      Acquired: 6/8/2023 14:45:49      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0056085 | .0046239 | .0055964 | Z ***** |
| Stddev | .0012271 | .0012449 | .0000444 | -----   |
| %RSD   | 21.87957 | 26.92375 | .7931523 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0056899 | .0059822 | .0055806 | Z 2636.309 |
| #2 | .0043428 | .0035372 | .0055620 | Z 2631.637 |
| #3 | .0067929 | .0043523 | .0056465 | Z 2641.986 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3543.781 | 54467.75 | 10055.48 | 3392.510 | 3204.832 |
| Stddev    | 11.516   | 118.07   | 35.72    | 5.558    | 11.437   |
| %RSD      | .3249589 | .2167621 | .3552591 | .1638333 | .3568623 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3540.158 | 54393.08 | 10038.07 | 3392.960 | 3199.459 |
| #2 | 3556.672 | 54603.87 | 10096.57 | 3397.829 | 3217.966 |
| #3 | 3534.512 | 54406.30 | 10031.79 | 3386.741 | 3197.071 |

Sample Name: CCV02      Acquired: 6/8/2023 15:15:08      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>4.950720</b> | <b>5.010651</b> | <b>4.827790</b> | <b>4.683247</b> | <b>4.948748</b> | <b>10.07978</b> | <b>10.39456</b> |
| Stddev | .005267         | .002909         | .008458         | .003221         | .009802         | .10978          | .10771          |
| %RSD   | .1063868        | .0580509        | .1752011        | .0687861        | .1980775        | 1.089137        | 1.036170        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.945491 | 5.011250 | 4.820572 | 4.679611 | 4.937873 | 10.19847 | 10.51271 |
| #2 | 4.950645 | 5.007489 | 4.825699 | 4.685744 | 4.951468 | 10.05901 | 10.36913 |
| #3 | 4.956024 | 5.013213 | 4.837097 | 4.684386 | 4.956903 | 9.98188  | 10.30185 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2366578</b> | <b>2.438901</b> | <b>24.78949</b> | <b>.9875445</b> | <b>2.407458</b> | <b>1.227150</b> | <b>5.046304</b> |
| Stddev | .0018508        | .004341         | .21493          | .0024930        | .004232         | .002002         | .029732         |
| %RSD   | .7820400        | .1779742        | .8670059        | .2524402        | .1757726        | .1631137        | .5891803        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2378936 | 2.436541 | 25.00740 | .9847256 | 2.402925 | 1.225046 | 5.064414 |
| #2 | .2375499 | 2.436251 | 24.78340 | .9884486 | 2.408143 | 1.227372 | 5.011990 |
| #3 | .2345300 | 2.443910 | 24.57768 | .9894592 | 2.411305 | 1.229031 | 5.062508 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.533573</b> | <b>24.55925</b> | <b>2.442767</b> | <b>1.201005</b> | <b>24.14709</b> | <b>2.531960</b> | <b>2.334443</b> |
| Stddev | .020861         | .16679          | .003058         | .000343         | .07855          | .015000         | .007562         |
| %RSD   | .8234007        | .6791394        | .1251887        | .0285292        | .3252815        | .5924203        | .3239201        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.554943 | 24.74369 | 2.439939 | 1.200609 | 24.21056 | 2.549029 | 2.343099 |
| #2 | 2.532518 | 24.51504 | 2.442350 | 1.201215 | 24.05925 | 2.525976 | 2.331107 |
| #3 | 2.513260 | 24.41901 | 2.446012 | 1.201190 | 24.17147 | 2.520877 | 2.329123 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.40757</b> | <b>4.837328</b> | <b>5.003643</b> | <b>4.855888</b> | <b>4.977901</b> | <b>5.075557</b> | <b>4.682453</b> |
| Stddev | .09358          | .044137         | .007296         | .005371         | .051670         | .020149         | .008110         |
| %RSD   | .3683033        | .9124192        | .1458095        | .1106128        | 1.037982        | .3969794        | .1732079        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.38408 | 4.867981 | 4.996289 | 4.852844 | 5.032379 | 5.054110 | 4.673167 |
| #2 | 25.32798 | 4.857262 | 5.003762 | 4.852731 | 4.971731 | 5.094091 | 4.686047 |
| #3 | 25.51066 | 4.786741 | 5.010879 | 4.862090 | 4.929593 | 5.078471 | 4.688146 |

Sample Name: CCV02      Acquired: 6/8/2023 15:15:08      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.137353 | 4.981668 | 5.172942 | Z ***** |
| Stddev | .005611  | .049196  | .033915  | -----   |
| %RSD   | .1092164 | .9875460 | .6556190 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.131667 | 5.034722 | 5.193134 | Z 2807.389 |
| #2 | 5.137506 | 4.972727 | 5.191904 | Z 2834.450 |
| #3 | 5.142885 | 4.937556 | 5.133787 | Z 2820.646 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3547.529 | 53969.37 | 10178.89 | 3315.714 | 3057.409 |
| Stddev    | 4.371    | 31.98    | 94.33    | 9.696    | 5.223    |
| %RSD      | .1232218 | .0592645 | .9267104 | .2924189 | .1708411 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3543.869 | 53975.29 | 10097.83 | 3304.522 | 3052.312 |
| #2 | 3552.369 | 53997.97 | 10156.42 | 3321.575 | 3062.750 |
| #3 | 3546.347 | 53934.84 | 10282.43 | 3321.044 | 3057.167 |

Sample Name: CCB02      Acquired: 6/8/2023 15:18:55      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.001036</b> | <b>-.000635</b> | <b>.0002345</b> | <b>-.001193</b> | <b>-.004119</b> | <b>.0071202</b> | <b>-.018662</b> |
| Stddev | .000426         | .002204         | .0009747        | .003110         | .000122         | .0075052        | .000662         |
| %RSD   | 41.06528        | 346.9260        | 415.6920        | 260.6829        | 2.965969        | 105.4066        | 3.548413        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001485</b> | <b>-.001687</b> | <b>.0013556</b> | <b>.000952</b>  | <b>-.004148</b> | <b>.0150423</b> | <b>-.018539</b> |
| #2 | <b>-.000638</b> | <b>.001897</b>  | <b>-.000241</b> | <b>.000229</b>  | <b>-.003985</b> | <b>.0062019</b> | <b>-.019378</b> |
| #3 | <b>-.000987</b> | <b>-.002116</b> | <b>-.000411</b> | <b>-.004760</b> | <b>-.004225</b> | <b>.0001165</b> | <b>-.018071</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000034</b> | <b>.0000167</b> | <b>-.005292</b> | <b>-.000149</b> | <b>-.000050</b> | <b>-.000402</b> | <b>.0016435</b> |
| Stddev | .000123         | .0000596        | .005073         | .000218         | .000256         | .000187         | .0030403        |
| %RSD   | 360.0494        | 357.1405        | 95.85288        | 145.6071        | 506.9320        | 46.62894        | 184.9884        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000174</b> | <b>.0000855</b> | <b>-.001920</b> | <b>.000007</b>  | <b>.000088</b>  | <b>-.000362</b> | <b>-.001516</b> |
| #2 | <b>.000011</b>  | <b>-.000017</b> | <b>-.011126</b> | <b>-.000057</b> | <b>.000106</b>  | <b>-.000238</b> | <b>.004548</b>  |
| #3 | <b>.000060</b>  | <b>-.000018</b> | <b>-.002831</b> | <b>-.000398</b> | <b>-.000345</b> | <b>-.000606</b> | <b>.001899</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003955</b> | <b>.0153322</b> | <b>.0003619</b> | <b>.0008092</b> | <b>-.000774</b> | <b>-.001438</b> | <b>-.000244</b> |
| Stddev | .0002313        | .0080580        | .0002519        | .0002501        | .014400         | .000686         | .000152         |
| %RSD   | 58.48531        | 52.55585        | 69.61042        | 30.90137        | 1860.537        | 47.71101        | 62.15832        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0005573</b> | <b>.0243812</b> | <b>.0003900</b> | <b>.0005512</b> | <b>.002015</b>  | <b>-.001711</b> | <b>-.000100</b> |
| #2 | <b>.0004987</b> | <b>.0126834</b> | <b>.0000971</b> | <b>.0008260</b> | <b>.012028</b>  | <b>-.000657</b> | <b>-.000402</b> |
| #3 | <b>.0001306</b> | <b>.0089320</b> | <b>.0005985</b> | <b>.0010505</b> | <b>-.016365</b> | <b>-.001945</b> | <b>-.000231</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1029331</b> | <b>.0077127</b> | <b>.0013403</b> | <b>.0001651</b> | <b>.0021417</b> | <b>.0116924</b> | <b>.0014737</b> |
| Stddev | .0330647        | .0013351        | .0002755        | .0006406        | .0003303        | .0079587        | .0014959        |
| %RSD   | 32.12249        | 17.31058        | 20.55356        | 388.0313        | 15.42023        | 68.06714        | 101.5053        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0648529</b> | <b>.0092403</b> | <b>.0016250</b> | <b>.0006964</b> | <b>.0017783</b> | <b>.0199403</b> | <b>.0030914</b> |
| #2 | <b>.1243602</b> | <b>.0067691</b> | <b>.0013207</b> | <b>.0003452</b> | <b>.0022235</b> | <b>.0110784</b> | <b>.0011890</b> |
| #3 | <b>.1195862</b> | <b>.0071287</b> | <b>.0010751</b> | <b>-.000546</b> | <b>.0024234</b> | <b>.0040585</b> | <b>.0001406</b> |

Sample Name: CCB02      Acquired: 6/8/2023 15:18:55      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.002820</b> | <b>-.009427</b> | <b>.0001428</b> | <b>z *****</b> |
| Stddev | .001775         | .000849         | .0000606        | -----          |
| %RSD   | 62.96182        | 9.003955        | 42.45823        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.001552</b> | <b>-.008537</b> | <b>.0002072</b> | <b>z 2585.780</b> |
| #2 | <b>-.004849</b> | <b>-.009515</b> | <b>.0000868</b> | <b>z 2594.798</b> |
| #3 | <b>-.002059</b> | <b>-.010228</b> | <b>.0001344</b> | <b>z 2590.225</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3634.220</b> | <b>54930.43</b> | <b>10369.16</b> | <b>3378.955</b> | <b>3313.686</b> |
| Stddev    | 4.874           | 1976.53         | 59.18           | 119.262         | 3.891           |
| %RSD      | .1341183        | 3.598237        | .5707774        | 3.529555        | .1174320        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3633.672</b> | <b>55842.07</b> | <b>10310.75</b> | <b>3431.371</b> | <b>3314.789</b> |
| #2 | <b>3639.345</b> | <b>52662.61</b> | <b>10367.64</b> | <b>3242.462</b> | <b>3316.907</b> |
| #3 | <b>3629.643</b> | <b>56286.62</b> | <b>10429.09</b> | <b>3463.033</b> | <b>3309.363</b> |

Sample Name: O2213-01      Acquired: 6/8/2023 15:22:57      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0161210 | .0294954 | .0093353 | .0135694 | .0343878 | .0843136 | .0569938 |
| Stddev | .0029384 | .0018467 | .0011901 | .0050121 | .0021769 | .0056124 | .0041257 |
| %RSD   | 18.22728 | 6.261003 | 12.74825 | 36.93701 | 6.330336 | 6.656561 | 7.238917 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0155138 | .0315592 | .0086108 | .0187100 | .0365381 | .0780949 | .0544001 |
| #2 | .0135336 | .0289284 | .0086863 | .0086965 | .0344401 | .0858434 | .0617513 |
| #3 | .0193156 | .0279987 | .0107089 | .0133016 | .0321853 | .0890024 | .0548300 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047383 | .0047438 | 1.508390 | .0076169 | .0216843 | .0171042 | .0761406 |
| Stddev | .0001249 | .0000619 | .060686  | .0002091 | .0000324 | .0003097 | .0056272 |
| %RSD   | 2.635107 | 1.305427 | 4.023239 | 2.745811 | .1494215 | 1.810367 | 7.390508 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046840 | .0046921 | 1.475677 | .0077910 | .0217210 | .0174595 | .0704529 |
| #2 | .0048811 | .0048125 | 1.578414 | .0073849 | .0216721 | .0168918 | .0762639 |
| #3 | .0046498 | .0047270 | 1.471080 | .0076748 | .0216597 | .0169614 | .0817052 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0169097 | 1.631603 | .0296701 | .0082140 | 1.445439 | .0294915 | .0302398 |
| Stddev | .0004946 | .065723  | .0002617 | .0002156 | .010904  | .0026085 | .0005428 |
| %RSD   | 2.924800 | 4.028094 | .8821878 | 2.624826 | .7543785 | 8.845097 | 1.795026 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0164238 | 1.595648 | .0293963 | .0079844 | 1.433850 | .0290813 | .0303622 |
| #2 | .0174125 | 1.707459 | .0299178 | .0084122 | 1.446970 | .0322809 | .0307110 |
| #3 | .0168929 | 1.591703 | .0296961 | .0082454 | 1.455496 | .0271124 | .0296463 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.642427 | .0788664 | .1644751 | .0286454 | .0317610 | .2808607 | .0139865 |
| Stddev | .015450  | .0019221 | .0006177 | .0002955 | .0015625 | .0049317 | .0037656 |
| %RSD   | .9406629 | 2.437171 | .3755640 | 1.031706 | 4.919511 | 1.755937 | 26.92310 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.653095 | .0769610 | .1640580 | .0285647 | .0307753 | .2767173 | .0128348 |
| #2 | 1.649475 | .0808048 | .1641826 | .0289729 | .0335625 | .2795492 | .0109313 |
| #3 | 1.624710 | .0788332 | .1651847 | .0283986 | .0309451 | .2863157 | .0181935 |

Sample Name: O2213-01      Acquired: 6/8/2023 15:22:57      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0134314 | .0059052 | .0165108 | z ***** |
| Stddev | .0010059 | .0022747 | .0006912 | -----   |
| %RSD   | 7.489392 | 38.51976 | 4.186577 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0140232 | .0074253 | .0160804 | z 2607.050 |
| #2 | .0140011 | .0032901 | .0173082 | z 2598.880 |
| #3 | .0122699 | .0070001 | .0161439 | z 2634.246 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3602.239 | 55527.22 | 10196.71 | 3438.546 | 3258.497 |
| Stddev    | 4.130    | 122.06   | 375.98   | 13.346   | 6.306    |
| %RSD      | .1146429 | .2198163 | 3.687257 | .3881335 | .1935192 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3597.480 | 55557.67 | 10402.34 | 3445.401 | 3251.330 |
| #2 | 3604.346 | 55392.82 | 9762.77  | 3423.165 | 3260.969 |
| #3 | 3604.889 | 55631.17 | 10425.03 | 3447.071 | 3263.192 |

Sample Name: O2213-09RE      Acquired: 6/8/2023 15:26:57      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0135830 | .0318962 | .0097236 | .0154302 | .0355735 | .0810625 | .0554956 |
| Stddev | .0003431 | .0017274 | .0014037 | .0027892 | .0014770 | .0073115 | .0017700 |
| %RSD   | 2.525883 | 5.415548 | 14.43560 | 18.07644 | 4.151935 | 9.019633 | 3.189423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0133636 | .0323046 | .0105638 | .0186362 | .0345240 | .0878834 | .0543102 |
| #2 | .0139784 | .0300013 | .0081031 | .0135602 | .0349340 | .0819609 | .0546464 |
| #3 | .0134071 | .0333828 | .0105037 | .0140943 | .0372625 | .0733433 | .0575302 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048321 | .0048584 | 1.512942 | .0078847 | .0225975 | .0174484 | .0805581 |
| Stddev | .0000595 | .0001289 | .022414  | .0001152 | .0002310 | .0003648 | .0017685 |
| %RSD   | 1.230800 | 2.653310 | 1.481488 | 1.460521 | 1.022365 | 2.090838 | 2.195273 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048691 | .0048216 | 1.511911 | .0077545 | .0223531 | .0171297 | .0792416 |
| #2 | .0047635 | .0047519 | 1.491062 | .0079733 | .0226271 | .0173692 | .0798645 |
| #3 | .0048638 | .0050017 | 1.535854 | .0079261 | .0228124 | .0178463 | .0825683 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0169513 | 1.631814 | .0308751 | .0086213 | 1.486950 | .0322425 | .0312897 |
| Stddev | .0002377 | .033636  | .0003329 | .0002334 | .006141  | .0021135 | .0002948 |
| %RSD   | 1.401936 | 2.061284 | 1.078089 | 2.706852 | .4130157 | 6.554976 | .9421636 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0167535 | 1.622598 | .0307558 | .0087179 | 1.493878 | .0346516 | .0309514 |
| #2 | .0168854 | 1.603746 | .0306183 | .0087909 | 1.484794 | .0307001 | .0314915 |
| #3 | .0172149 | 1.669098 | .0312512 | .0083552 | 1.482177 | .0313758 | .0314263 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.697733 | .0778990 | .1699911 | .0304498 | .0318241 | .2914792 | .0163638 |
| Stddev | .026611  | .0008324 | .0026908 | .0012192 | .0008118 | .0104190 | .0006585 |
| %RSD   | 1.567469 | 1.068512 | 1.582930 | 4.003883 | 2.550846 | 3.574510 | 4.023881 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.728459 | .0774264 | .1682334 | .0295634 | .0308875 | .2809551 | .0160350 |
| #2 | 1.682675 | .0774106 | .1686510 | .0299458 | .0322605 | .3017897 | .0171219 |
| #3 | 1.682064 | .0788601 | .1730888 | .0318401 | .0323244 | .2916929 | .0159344 |

Sample Name: O2213-09RE      Acquired: 6/8/2023 15:26:57      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0152845 | .0025198 | .0164376 | z ***** |
| Stddev | .0016676 | .0016799 | .0001171 | -----   |
| %RSD   | 10.91045 | 66.66821 | .7121370 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0170598 | .0031255 | .0164263 | z 2632.400 |
| #2 | .0137510 | .0038129 | .0163265 | z 2625.749 |
| #3 | .0150426 | .0006211 | .0165598 | z 2626.248 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3546.635 | 55192.34 | 10440.93 | 3433.406 | 3190.734 |
| Stddev    | 59.283   | 324.19   | 97.85    | 26.788   | 53.625   |
| %RSD      | 1.671538 | .5873820 | .9371468 | .7802113 | 1.680638 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3583.009 | 54833.99 | 10515.02 | 3403.329 | 3223.399 |
| #2 | 3578.670 | 55465.26 | 10477.76 | 3454.698 | 3219.956 |
| #3 | 3478.226 | 55277.78 | 10330.02 | 3442.192 | 3128.845 |

Sample Name: O3042-01      Acquired: 6/8/2023 15:30:55      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0516768 | -.056625 | 28.33356 | -.209273 | .0359276 | 129.1266 | 1.889123 |
| Stddev | .0005674 | .002364  | .05239   | .003671  | .0008487 | .3278    | .005286  |
| %RSD   | 1.098017 | 4.175428 | .1848951 | 1.753987 | 2.362274 | .2538447 | .2798232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0521829 | -.053904 | 28.27447 | -.205299 | .0362576 | 129.0599 | 1.888460 |
| #2 | .0510634 | -.057793 | 28.35185 | -.212536 | .0365618 | 129.4826 | 1.894710 |
| #3 | .0517841 | -.058177 | 28.37434 | -.209986 | .0349635 | 128.8373 | 1.884200 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0106000 | .0130359 | 43.06941 | .3503194 | .1144849 | .1991730 | 534.4609 |
| Stddev | .0001838 | .0001913 | .16806   | .0009619 | .0003269 | .0040030 | 1.0402   |
| %RSD   | 1.734230 | 1.467545 | .3901990 | .2745701 | .2855172 | 2.009802 | .1946241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106728 | .0128601 | 43.00955 | .3492493 | .1141149 | .1945553 | 535.5226 |
| #2 | .0103910 | .0132396 | 43.25920 | .3511120 | .1147342 | .2013055 | 533.4437 |
| #3 | .0107364 | .0130082 | 42.93948 | .3505970 | .1146057 | .2016583 | 534.4164 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.58509 | 26.34219 | .5321431 | .0168009 | 1.089724 | .2996578 | 1.833605 |
| Stddev | .02591   | .11406   | .0007627 | .0002897 | .007889  | .0007469 | .005194  |
| %RSD   | .2447679 | .4330029 | .1433332 | 1.724209 | .7239636 | .2492614 | .2832907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.57751 | 26.36893 | .5314405 | .0168103 | 1.098279 | .2988855 | 1.832182 |
| #2 | 10.61394 | 26.44050 | .5320343 | .0165066 | 1.082735 | .3003765 | 1.839363 |
| #3 | 10.56381 | 26.21713 | .5329543 | .0170857 | 1.088159 | .2997113 | 1.829271 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.503686 | .1770544 | .0108563 | .1890300 | 1.566072 | 7.754954 | 7.014786 |
| Stddev | .021063  | .0008807 | .0001489 | .0003919 | .005392  | .053872  | .020296  |
| %RSD   | .2807071 | .4973935 | 1.372036 | .2073110 | .3442717 | .6946817 | .2893351 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.489642 | .1778047 | .0110130 | .1892099 | 1.570171 | 7.809409 | 6.998536 |
| #2 | 7.493511 | .1772737 | .0108393 | .1885804 | 1.568079 | 7.753769 | 7.008287 |
| #3 | 7.527905 | .1760848 | .0107165 | .1892995 | 1.559964 | 7.701684 | 7.037536 |

Sample Name: O3042-01      Acquired: 6/8/2023 15:30:55      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: WC-1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 3.262397 | -.024596 | -.140153 | Z ***** |
| Stddev | .010564  | .002923  | .001769  | -----   |
| %RSD   | .3238132 | 11.88223 | 1.262317 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 3.253545 | -.024389 | -.141280 | Z 4937.375 |
| #2 | 3.259554 | -.021783 | -.138114 | Z 4918.163 |
| #3 | 3.274091 | -.027617 | -.141066 | Z 4938.011 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4343.823 | 65996.70 | 12681.27 | 4082.172 | 3072.858 |
| Stddev    | 2.236    | 87.59    | 35.19    | 11.931   | 5.716    |
| %RSD      | .0514869 | .1327126 | .2775174 | .2922693 | .1860280 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4346.394 | 66069.58 | 12674.80 | 4088.004 | 3079.381 |
| #2 | 4342.322 | 65899.54 | 12649.76 | 4068.447 | 3070.471 |
| #3 | 4342.754 | 66021.00 | 12719.25 | 4090.066 | 3068.723 |

Sample Name: O3049-03      Acquired: 6/8/2023 15:34:47      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0005343 | -.011120 | .4295577 | -.063662 | -.000346 | 95.05087 | 1.101032 |
| Stddev | .0024044 | .002514  | .0056822 | .003068  | .001675  | 1.00182  | .016393  |
| %RSD   | 449.9757 | 22.61004 | 1.322794 | 4.819162 | 483.3730 | 1.053985 | 1.488858 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001705 | -.010976 | .4352742 | -.061161 | .001578  | 95.57943 | 1.111475 |
| #2 | .000233  | -.013703 | .4294886 | -.062738 | -.001470 | 95.67771 | 1.109483 |
| #3 | .003075  | -.008681 | .4239105 | -.067085 | -.001148 | 93.89545 | 1.082139 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044473 | .0015205 | 65.73727 | .2055316 | .1166228 | .0611481 | 173.7337 |
| Stddev | .0001297 | .0000782 | .74292   | .0008334 | .0011817 | .0028060 | .1516    |
| %RSD   | 2.916772 | 5.139998 | 1.130132 | .4054836 | 1.013240 | 4.588862 | .0872572 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045902 | .0015219 | 66.17531 | .2063805 | .1173666 | .0620407 | 173.7122 |
| #2 | .0044148 | .0015980 | 66.15701 | .2047147 | .1172417 | .0633992 | 173.5941 |
| #3 | .0043369 | .0014417 | 64.87949 | .2054994 | .1152603 | .0580044 | 173.8950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.958755 | 54.40464 | .1847369 | .0027809 | 6.569172 | .2916120 | .5188406 |
| Stddev | .026273  | .58899   | .0008836 | .0003920 | .007500  | .0050427 | .0018773 |
| %RSD   | .8879784 | 1.082609 | .4783087 | 14.09666 | .1141656 | 1.729241 | .3618263 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.974754 | 54.81366 | .1849134 | .0025070 | 6.563714 | .2939495 | .5210049 |
| #2 | 2.973078 | 54.67071 | .1855189 | .0032300 | 6.577724 | .2950617 | .5176533 |
| #3 | 2.928433 | 53.72957 | .1837783 | .0026059 | 6.566079 | .2858247 | .5178635 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.998788 | .2106368 | .0047959 | .0074992 | 3.175755 | 8.619828 | 4.867553 |
| Stddev | .015162  | .0014191 | .0001278 | .0014224 | .038178  | .005228  | .029085  |
| %RSD   | .2527463 | .6737388 | 2.665841 | 18.96769 | 1.202177 | .0606481 | .5975326 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.016131 | .2096718 | .0049096 | .0060172 | 3.201154 | 8.620968 | 4.880846 |
| #2 | 5.992188 | .2122662 | .0046575 | .0088534 | 3.194262 | 8.624392 | 4.887616 |
| #3 | 5.988044 | .2099723 | .0048205 | .0076269 | 3.131851 | 8.614125 | 4.834196 |

Sample Name: O3049-03      Acquired: 6/8/2023 15:34:47      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.303299 | .0389391 | .1757162 | z ***** |
| Stddev | .033529  | .0009303 | .0034751 | -----   |
| %RSD   | .6322324 | 2.389013 | 1.977687 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.323294 | .0390380 | .1775950 | z 3976.914 |
| #2 | 5.322014 | .0398160 | .1778476 | z 3972.771 |
| #3 | 5.264590 | .0379634 | .1717062 | z 3969.019 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4107.168 | 61673.67 | 11808.80 | 3879.499 | 3058.561 |
| Stddev    | 21.671   | 179.81   | 106.15   | 9.617    | 17.151   |
| %RSD      | .5276301 | .2915501 | .8989188 | .2478851 | .5607550 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4101.320 | 61574.48 | 11712.54 | 3868.404 | 3050.671 |
| #2 | 4089.022 | 61881.23 | 11791.20 | 3885.448 | 3046.775 |
| #3 | 4131.163 | 61565.31 | 11922.65 | 3884.644 | 3078.238 |

Sample Name: O3046-07      Acquired: 6/8/2023 15:38:32      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0129132 | -.034155 | .0157859 | -.117186 | .0182433 | 50.78584 |
| Stddev | .0033084 | .005697  | .0001996 | .004985  | .0026150 | .06512   |
| %RSD   | 25.62061 | 16.67881 | 1.264309 | 4.253607 | 14.33374 | .1282215 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0150496 | -.029868 | .0155604 | -.114998 | .0212049 | 50.71197 |
| #2 | .0145877 | -.040619 | .0159397 | -.122891 | .0172719 | 50.81061 |
| #3 | .0091022 | -.031977 | .0158576 | -.113670 | .0162531 | 50.83493 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 2.190224 | .0042812 | .0016410 | F 1876.360 | .2724151 | .0102746 |
| Stddev | .010174  | .0000197 | .0000629 | 11.483     | .0002934 | .0000975 |
| %RSD   | .4645340 | .4603606 | 3.832393 | .6119657   | .1076959 | .9486549 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.191139 | .0042955 | .0016334 | 1863.855 | .2726170 | .0103310 |
| #2 | 2.199910 | .0042893 | .0017073 | 1878.794 | .2725497 | .0101621 |
| #3 | 2.179623 | .0042587 | .0015822 | 1886.430 | .2720786 | .0103308 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.563806 | 294.8852 | 4.062651 | 48.11627 | .0655104 | .0034610 |
| Stddev | .001781  | .6464    | .017968  | .22130   | .0009265 | .0003941 |
| %RSD   | .3159643 | .2191958 | .4422831 | .4599311 | 1.414245 | 11.38755 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.562179 | 294.1556 | 4.046286 | 47.88757 | .0644905 | .0031639 |
| #2 | -.565710 | 295.3863 | 4.059788 | 48.13191 | .0657405 | .0033110 |
| #3 | -.563529 | 295.1136 | 4.081879 | 48.32934 | .0663001 | .0039081 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 62.57460 | .4153954 | .0933026 | 51.39274 | .3070556 | .1707709 |
| Stddev | .24432   | .0024300 | .0011196 | .12831   | .0036729 | .0009690 |
| %RSD   | .3904533 | .5849775 | 1.199972 | .2496596 | 1.196155 | .5674399 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 62.60900 | .4166922 | .0945941 | 51.24513 | .3046043 | .1696777 |
| #2 | 62.79991 | .4169018 | .0926068 | 51.47761 | .3112784 | .1711108 |
| #3 | 62.31490 | .4125921 | .0927069 | 51.45547 | .3052840 | .1715241 |

Sample Name: O3046-07      Acquired: 6/8/2023 15:38:32      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.013550</b> | <b>3.813771</b> | <b>F 81.89139</b> | <b>.4911638</b> | <b>F 143.4668</b> | <b>.2779990</b> |
| Stddev | .001763         | .008450         | .20872            | .0041775        | .4871             | .0017733        |
| %RSD   | 13.00789        | .2215764        | .2548797          | .8505318        | .3395415          | .6378786        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.014513</b> | <b>3.810621</b> | <b>81.65044</b> | <b>.4877126</b> | <b>142.9084</b> | <b>.2780041</b> |
| #2 | <b>-.011516</b> | <b>3.823344</b> | <b>82.00689</b> | <b>.4958080</b> | <b>143.6870</b> | <b>.2762232</b> |
| #3 | <b>-.014622</b> | <b>3.807347</b> | <b>82.01683</b> | <b>.4899706</b> | <b>143.8049</b> | <b>.2797698</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>3.625959</b> | <b>z *****</b> |
| Stddev | .022404         | -----          |
| %RSD   | .6178874        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>3.601621</b> | <b>z 5623.100</b> |
| #2 | <b>3.645725</b> | <b>z 5624.676</b> |
| #3 | <b>3.630531</b> | <b>z 5632.870</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3288.672</b> | <b>50473.88</b> | <b>10708.80</b> | <b>3081.367</b> | <b>2410.239</b> |
| Stddev    | 7.316           | 33.91           | 18.05           | 7.775           | 6.223           |
| %RSD      | .2224729        | .0671887        | .1685515        | .2523390        | .2582062        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3294.942</b> | <b>50448.08</b> | <b>10716.20</b> | <b>3074.475</b> | <b>2417.243</b> |
| #2 | <b>3280.633</b> | <b>50461.28</b> | <b>10721.97</b> | <b>3079.829</b> | <b>2405.347</b> |
| #3 | <b>3290.440</b> | <b>50512.29</b> | <b>10688.22</b> | <b>3089.796</b> | <b>2408.125</b> |

Sample Name: O3047-07      Acquired: 6/8/2023 15:42:36      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0016517 | -.002603 | .1857852 | .0024826 | .0007601 | 4.940669 |
| Stddev | .0020666 | .000377  | .0010495 | .0027998 | .0006818 | .045371  |
| %RSD   | 125.1207 | 14.50258 | .5649207 | 112.7785 | 89.69606 | .9183250 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0025683 | -.002232 | .1869327 | -.000733 | -.000002 | 4.890925 |
| #2 | .0031015 | -.002589 | .1848738 | .003801  | .000972  | 4.979779 |
| #3 | -.000715 | -.002987 | .1855493 | .004379  | .001311  | 4.951303 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0120834 | .0002296 | .0001406 | 25.52586 | .0173634 | .0030686 |
| Stddev | .0019508 | .0000042 | .0000916 | .15953   | .0001944 | .0000978 |
| %RSD   | 16.14469 | 1.834897 | 65.12279 | .6249636 | 1.119760 | 3.185605 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0099163 | .0002297 | .0002394 | 25.35195 | .0175820 | .0030929 |
| #2 | .0126343 | .0002253 | .0000586 | 25.66539 | .0172984 | .0029610 |
| #3 | .0136995 | .0002337 | .0001238 | 25.56025 | .0172099 | .0031519 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1429746 | 6.735879 | .0736620 | 3.767051 | .0310855 | .0012165 |
| Stddev | .0019805 | .065281  | .0000683 | .015368  | .0005297 | .0005802 |
| %RSD   | 1.385196 | .9691562 | .0927006 | .4079585 | 1.704113 | 47.69634 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1452609 | 6.675382 | .0736383 | 3.751656 | .0316549 | .0007375 |
| #2 | .1418778 | 6.727181 | .0736088 | 3.782392 | .0309943 | .0018617 |
| #3 | .1417853 | 6.805073 | .0737390 | 3.767104 | .0306073 | .0010503 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 159.1156 | .0186193 | .1746947 | 4.014060 | .0526402 | .0049707 |
| Stddev | 1.7013   | .0012074 | .0006960 | .034122  | .0006427 | .0002330 |
| %RSD   | 1.069245 | 6.484647 | .3984345 | .8500713 | 1.221007 | 4.687684 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 157.2768 | .0174093 | .1753837 | 3.980380 | .0528986 | .0047994 |
| #2 | 159.4362 | .0198241 | .1739918 | 4.048608 | .0531136 | .0052360 |
| #3 | 160.6338 | .0186244 | .1747086 | 4.013192 | .0519085 | .0048765 |

Sample Name: O3047-07      Acquired: 6/8/2023 15:42:36      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0020302 | .1825843 | F 14.37802 | F 16.69350 | 2.498316 | -.002430 |
| Stddev | .0005677 | .0023965 | .16058     | .14975     | .027990  | .000760  |
| %RSD   | 27.96037 | 1.312546 | 1.116852   | .8970520   | 1.120351 | 31.28692 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0014211 | .1800463 | 14.19784 | 16.86556 | 2.529531 | -.003201 |
| #2 | .0025445 | .1828981 | 14.43018 | 16.59254 | 2.475453 | -.002411 |
| #3 | .0021250 | .1848083 | 14.50604 | 16.62241 | 2.489964 | -.001680 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1077151 | Z ***** |
| Stddev | .0008477 | -----   |
| %RSD   | .7869851 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1067972 | Z 2778.660 |
| #2 | .1084686 | Z 2786.885 |
| #3 | .1078794 | Z 2793.548 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3558.210 | 53354.85 | 10402.04 | 3276.432 | 3067.030 |
| Stddev    | 42.940   | 200.65   | 44.19    | 11.998   | 35.144   |
| %RSD      | 1.206784 | .3760634 | .4248216 | .3661906 | 1.145875 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3508.632 | 53547.61 | 10392.79 | 3286.624 | 3026.449 |
| #2 | 3583.602 | 53369.80 | 10363.21 | 3279.463 | 3087.303 |
| #3 | 3582.396 | 53147.15 | 10450.13 | 3263.209 | 3087.339 |

Sample Name: O3047-08      Acquired: 6/8/2023 15:46:30      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0001814 | -.001490 | .0103319 | .0018131 | -.004149 | .0928872 | -.008053 |
| Stddev | .0020271 | .001566  | .0006587 | .0005126 | .001052  | .0062603 | .003995  |
| %RSD   | 1117.146 | 105.0472 | 6.375679 | 28.27089 | 25.34988 | 6.739717 | 49.60919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021170 | -.001750 | .0109187 | .0012548 | -.005058 | .0964408 | -.010495 |
| #2 | .0003535 | -.002910 | .0104575 | .0022625 | -.002997 | .0965620 | -.010221 |
| #3 | -.001926 | .000189  | .0096194 | .0019219 | -.004391 | .0856587 | -.003443 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000151 | -.000045 | 15.29786 | .0024964 | .0009275 | .0663307 | .4843399 |
| Stddev | .0000378 | .000013  | .26772   | .0000223 | .0000706 | .0003068 | .0051035 |
| %RSD   | 250.4039 | 29.78587 | 1.750064 | .8917161 | 7.607923 | .4625314 | 1.053708 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000583 | -.000051 | 15.12781 | .0024798 | .0008773 | .0663506 | .4900188 |
| #2 | -.000012 | -.000029 | 15.15930 | .0024878 | .0010082 | .0666270 | .4828636 |
| #3 | -.000001 | -.000054 | 15.60646 | .0025217 | .0008969 | .0660144 | .4801372 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0789742 | 2.162724 | .0114497 | .0002727 | 98.18319 | .0070117 | .0374044 |
| Stddev | .0010360 | .037199  | .0002329 | .0005441 | 1.69158  | .0006623 | .0002743 |
| %RSD   | 1.311776 | 1.720001 | 2.033799 | 199.5437 | 1.722878 | 9.445894 | .7334577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0780290 | 2.143762 | .0113710 | -.000293 | 100.0815 | .0069452 | .0377176 |
| #2 | .0788118 | 2.138827 | .0117117 | .000792  | 97.6325  | .0077047 | .0372889 |
| #3 | .0800817 | 2.205583 | .0112664 | .000319  | 96.8356  | .0063850 | .0372067 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.238789 | .0329605 | .0027946 | .0001244 | .0087554 | 5.123920 | 9.644881 |
| Stddev | .060139  | .0013707 | .0002913 | .0005722 | .0014204 | .109456  | .008786  |
| %RSD   | 2.686230 | 4.158747 | 10.42288 | 459.7893 | 16.22317 | 2.136186 | .0910945 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.295422 | .0318933 | .0024652 | .0006816 | .0102079 | 5.249717 | 9.639266 |
| #2 | 2.245276 | .0324818 | .0029005 | -.000462 | .0073694 | 5.071604 | 9.640372 |
| #3 | 2.175670 | .0345064 | .0030181 | .000153  | .0086890 | 5.050439 | 9.655006 |

Sample Name: O3047-08      Acquired: 6/8/2023 15:46:30      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.853092 | -.007914 | .0657024 | z ***** |
| Stddev | .006147  | .001058  | .0009449 | -----   |
| %RSD   | .3317000 | 13.36629 | 1.438197 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.859375 | -.008957 | .0651185 | z 2685.270 |
| #2 | 1.852811 | -.007943 | .0651962 | z 2708.067 |
| #3 | 1.847091 | -.006842 | .0667926 | z 2694.738 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3540.360 | 53629.02 | 10326.97 | 3345.099 | 3092.620 |
| Stddev    | 11.600   | 857.20   | 169.77   | 48.791   | 4.846    |
| %RSD      | .3276541 | 1.598381 | 1.643990 | 1.458572 | .1566989 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3548.914 | 52644.83 | 10409.22 | 3290.089 | 3094.678 |
| #2 | 3545.011 | 54029.95 | 10439.96 | 3383.137 | 3096.098 |
| #3 | 3527.156 | 54212.29 | 10131.74 | 3362.071 | 3087.085 |

Sample Name: O3047-10      Acquired: 6/8/2023 15:50:28      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | <b>-.011925</b> | <b>-.000972</b> | <b>.0859509</b> | <b>-.092316</b> | <b>.0091295</b> | <b>115.1475</b> |
| Stddev | .001843         | .001534         | .0012690        | .007191         | .0014267        | 1.2686          |
| %RSD   | 15.45641        | 157.7524        | 1.476408        | 7.790091        | 15.62714        | 1.101745        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.012745</b> | <b>.000386</b>  | <b>.0872081</b> | <b>-.099555</b> | <b>.0087948</b> | <b>115.2452</b> |
| #2 | <b>-.009814</b> | <b>-.002636</b> | <b>.0846704</b> | <b>-.085173</b> | <b>.0079000</b> | <b>116.3644</b> |
| #3 | <b>-.013215</b> | <b>-.000666</b> | <b>.0859743</b> | <b>-.092219</b> | <b>.0106938</b> | <b>113.8328</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.288459</b> | <b>.0049796</b> | <b>.0004350</b> | <b>64.86641</b> | <b>.4423724</b> | <b>.1314650</b> |
| Stddev | .015221         | .0000353        | .0001999        | .74469          | .0004668        | .0010959        |
| %RSD   | 1.181307        | .7083451        | 45.94911        | 1.148041        | .1055306        | .8335675        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.289031</b> | <b>.0050197</b> | <b>.0006387</b> | <b>64.88712</b> | <b>.4426312</b> | <b>.1307953</b> |
| #2 | <b>1.303386</b> | <b>.0049658</b> | <b>.0004273</b> | <b>65.60053</b> | <b>.4426524</b> | <b>.1308700</b> |
| #3 | <b>1.272961</b> | <b>.0049533</b> | <b>.0002391</b> | <b>64.11158</b> | <b>.4418334</b> | <b>.1327296</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.114577</b> | <b>256.7072</b> | <b>4.958213</b> | <b>96.00984</b> | <b>.6745215</b> | <b>.0057875</b> |
| Stddev | .001702         | 1.4082          | .055539         | 1.07332         | .0018979        | .0004567        |
| %RSD   | 1.485595        | .5485689        | 1.120147        | 1.117927        | .2813719        | 7.891749        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.112814</b> | <b>255.2865</b> | <b>4.958141</b> | <b>96.08720</b> | <b>.6731387</b> | <b>.0053554</b> |
| #2 | <b>-.114705</b> | <b>256.7326</b> | <b>5.013788</b> | <b>97.04239</b> | <b>.6737405</b> | <b>.0062654</b> |
| #3 | <b>-.116211</b> | <b>258.1026</b> | <b>4.902710</b> | <b>94.89993</b> | <b>.6766853</b> | <b>.0057418</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>177.3345</b> | <b>.3379511</b> | <b>.2864928</b> | <b>44.97212</b> | <b>.1174020</b> | <b>.0038781</b> |
| Stddev | 1.2929          | .0035213        | .0012728        | .29566          | .0040667        | .0001309        |
| %RSD   | .7290763        | 1.041946        | .4442791        | .6574340        | 3.463876        | 3.376340        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>176.4687</b> | <b>.3388074</b> | <b>.2878628</b> | <b>44.64963</b> | <b>.1135470</b> | <b>.0038817</b> |
| #2 | <b>176.7141</b> | <b>.3409653</b> | <b>.2853469</b> | <b>45.03632</b> | <b>.1170075</b> | <b>.0040071</b> |
| #3 | <b>178.8206</b> | <b>.3340807</b> | <b>.2862688</b> | <b>45.23040</b> | <b>.1216516</b> | <b>.0037453</b> |

Sample Name: O3047-10      Acquired: 6/8/2023 15:50:28      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |          |            |          |
|--------|----------|------------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0139580 | F 11.08523 | F 74.70121 | 3.936127 | F 41.02008 | .0071637 |
| Stddev | .0005278 | .12011     | .29973     | .017397  | .14032     | .0004273 |
| %RSD   | 3.781111 | 1.083513   | .4012412   | .4419779 | .3420732   | 5.965019 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0142166 | 11.08736 | 74.43072 | 3.922606 | 40.89756 | .0069027 |
| #2 | .0143066 | 11.20427 | 74.64948 | 3.930021 | 40.98952 | .0069316 |
| #3 | .0133508 | 10.96407 | 75.02344 | 3.955753 | 41.17316 | .0076569 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1428319 | Z ***** |
| Stddev | .0051785 | -----   |
| %RSD   | 3.625589 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1439938 | Z 4368.143 |
| #2 | .1473307 | Z 4385.918 |
| #3 | .1371711 | Z 4379.015 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3780.645 | 57403.27 | 11253.92 | 3558.836 | 2765.019 |
| Stddev    | 2.702    | 11.74    | 164.62   | 1.583    | 2.730    |
| %RSD      | .0714635 | .0204444 | 1.462771 | .0444891 | .0987413 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3778.928 | 57390.88 | 11184.76 | 3557.151 | 2768.114 |
| #2 | 3783.759 | 57404.71 | 11135.17 | 3559.065 | 2763.992 |
| #3 | 3779.248 | 57414.22 | 11441.84 | 3560.293 | 2762.951 |

Sample Name: O3047-10RE      Acquired: 6/8/2023 15:54:25      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | <b>-.002752</b> | <b>-.001936</b> | <b>-.000892</b> | <b>.0026829</b> | <b>-.003974</b> | <b>.0355792</b> |
| Stddev | .002142         | .003832         | .001128         | .0004162        | .001651         | .0054877        |
| %RSD   | 77.83544        | 197.9429        | 126.4806        | 15.51142        | 41.55060        | 15.42396        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004464</b> | <b>.001880</b>  | <b>-.000746</b> | <b>.0027644</b> | <b>-.003108</b> | <b>.0417227</b> |
| #2 | <b>-.003440</b> | <b>-.005784</b> | <b>-.002085</b> | <b>.0030523</b> | <b>-.005879</b> | <b>.0338520</b> |
| #3 | <b>-.000350</b> | <b>-.001904</b> | <b>.000156</b>  | <b>.0022321</b> | <b>-.002937</b> | <b>.0311628</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0861271</b> | <b>-.000025</b> | <b>.0000933</b> | <b>70.45358</b> | <b>.0001147</b> | <b>.0100080</b> |
| Stddev | .0028526        | .000028         | .0000810        | .84981          | .0005135        | .0003525        |
| %RSD   | 3.312098        | 112.8338        | 86.77130        | 1.206192        | 447.5650        | 3.521953        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0842352</b> | <b>-.000055</b> | <b>.0000837</b> | <b>70.38090</b> | <b>.0002565</b> | <b>.0103119</b> |
| #2 | <b>.0894082</b> | <b>-.000000</b> | <b>.0001786</b> | <b>71.33740</b> | <b>-.000455</b> | <b>.0096216</b> |
| #3 | <b>.0847379</b> | <b>-.000019</b> | <b>.0000176</b> | <b>69.64245</b> | <b>.000542</b>  | <b>.0100906</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0056364</b> | <b>.0599754</b> | <b>.7616040</b> | <b>59.07064</b> | <b>.0436090</b> | <b>.0009339</b> |
| Stddev | .0001504        | .0018094        | .0092422        | .68861          | .0004110        | .0005703        |
| %RSD   | 2.668381        | 3.016953        | 1.213520        | 1.165743        | .9425049        | 61.06840        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0054747</b> | <b>.0591904</b> | <b>.7624553</b> | <b>59.00309</b> | <b>.0431672</b> | <b>.0003040</b> |
| #2 | <b>.0057722</b> | <b>.0620448</b> | <b>.7703912</b> | <b>59.79054</b> | <b>.0439801</b> | <b>.0010824</b> |
| #3 | <b>.0056623</b> | <b>.0586911</b> | <b>.7519656</b> | <b>58.41829</b> | <b>.0436795</b> | <b>.0014154</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>196.2280</b> | <b>.0014397</b> | <b>.0328584</b> | <b>7.282702</b> | <b>.0269845</b> | <b>.0029957</b> |
| Stddev | 2.0172          | .0009017        | .0004121        | .048884         | .0004765        | .0000461        |
| %RSD   | 1.027966        | 62.63143        | 1.254288        | .6712380        | 1.765928        | 1.540590        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>194.0584</b> | <b>.0019740</b> | <b>.0331944</b> | <b>7.234131</b> | <b>.0266257</b> | <b>.0029587</b> |
| #2 | <b>198.0467</b> | <b>.0019464</b> | <b>.0323986</b> | <b>7.331894</b> | <b>.0275252</b> | <b>.0030474</b> |
| #3 | <b>196.5788</b> | <b>.0003986</b> | <b>.0329824</b> | <b>7.282082</b> | <b>.0268026</b> | <b>.0029810</b> |

Sample Name: O3047-10RE      Acquired: 6/8/2023 15:54:25      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.000427</b> | <b>.0002034</b> | <b>F 15.82272</b> | <b>.0291521</b> | <b>F 44.47451</b> | <b>.0084989</b> |
| Stddev | .000400         | .0009166        | .11618            | .0040133        | .26491            | .0032710        |
| %RSD   | 93.48203        | 450.6331        | .7342649          | 13.76680        | .5956410          | 38.48700        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000824</b> | <b>.0010561</b> | <b>15.69101</b> | <b>.0251669</b> | <b>44.70532</b> | <b>.0090998</b> |
| #2 | <b>-.000025</b> | <b>-.000766</b> | <b>15.86648</b> | <b>.0331929</b> | <b>44.18527</b> | <b>.0049692</b> |
| #3 | <b>-.000434</b> | <b>.000320</b>  | <b>15.91066</b> | <b>.0290966</b> | <b>44.53296</b> | <b>.0114278</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.3990210</b> | <b>z *****</b> |
| Stddev | .0043069        | -----          |
| %RSD   | 1.079369        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.3990232</b> | <b>z 2817.202</b> |
| #2 | <b>.4033269</b> | <b>z 2829.360</b> |
| #3 | <b>.3947131</b> | <b>z 2830.072</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3333.325</b> | <b>52237.94</b> | <b>10335.02</b> | <b>3248.335</b> | <b>2851.193</b> |
| Stddev    | 24.366          | 259.40          | 114.73          | 7.330           | 18.008          |
| %RSD      | .7309917        | .4965829        | 1.110093        | .2256568        | .6316071        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3305.812</b> | <b>52537.19</b> | <b>10297.60</b> | <b>3251.422</b> | <b>2831.988</b> |
| #2 | <b>3352.179</b> | <b>52099.64</b> | <b>10243.67</b> | <b>3253.616</b> | <b>2867.700</b> |
| #3 | <b>3341.985</b> | <b>52077.00</b> | <b>10463.78</b> | <b>3239.966</b> | <b>2853.892</b> |

Sample Name: O3047-11      Acquired: 6/8/2023 15:58:30      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0182352 | -.122472 | .2087140 | -.280478 | .0357268 | 192.5327 |
| Stddev | .0024053 | .001695  | .0029009 | .004178  | .0029116 | 2.2665   |
| %RSD   | 13.19023 | 1.384095 | 1.389872 | 1.489573 | 8.149634 | 1.177178 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0201819 | -.121373 | .2067207 | -.280536 | .0324161 | 189.9388 |
| #2 | .0189774 | -.124425 | .2120419 | -.276271 | .0378887 | 193.5293 |
| #3 | .0155463 | -.121619 | .2073793 | -.284626 | .0368757 | 194.1302 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 2.899261 | .0187139 | .0463791 | F 1660.860 | .9202340 | .0978421 |
| Stddev | .035323  | .0003240 | .0004167 | 30.439     | .0006883 | .0002413 |
| %RSD   | 1.218333 | 1.731400 | .8984367 | 1.832713   | .0747952 | .2466238 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.858474 | .0183450 | .0464632 | 1627.703 | .9197718 | .0978057 |
| #2 | 2.919876 | .0189524 | .0467474 | 1667.339 | .9199052 | .0980995 |
| #3 | 2.919432 | .0188443 | .0459268 | 1687.537 | .9210250 | .0976210 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F -1.31944 | 728.1443 | 11.46670 | 83.95463 | .2957658 | .0074171 |
| Stddev | .00796     | 3.7957   | .13364   | 1.00741  | .0006889 | .0004717 |
| %RSD   | .6034710   | .5212847 | 1.165466 | 1.199950 | .2329270 | 6.359742 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.32095 | 728.9482 | 11.31464 | 82.80377 | .2959200 | .0079576 |
| #2 | -1.31084 | 724.0110 | 11.51994 | 84.38337 | .2963646 | .0072055 |
| #3 | -1.32655 | 731.4736 | 11.56551 | 84.67676 | .2950129 | .0070882 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 45.05318 | .6325760 | 1.382686 | 105.5196 | .7307758 | .1093190 |
| Stddev | .17181   | .0054156 | .008941  | .4138    | .0065288 | .0001335 |
| %RSD   | .3813519 | .8561210 | .6466379 | .3921191 | .8934006 | .1220862 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 44.89319 | .6263234 | 1.375416 | 105.1935 | .7313557 | .1093167 |
| #2 | 45.03157 | .6356172 | 1.392670 | 105.3803 | .7239764 | .1091867 |
| #3 | 45.23477 | .6357875 | 1.379974 | 105.9850 | .7369952 | .1094536 |

Sample Name: O3047-11      Acquired: 6/8/2023 15:58:30      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |            |            |          |
|--------|----------|------------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm        | ppm      |
| Avg    | .0203882 | F 11.22387 | F 495.5861 | F 59.91174 | F 179.8925 | .2637649 |
| Stddev | .0015018 | .13775     | 2.0260     | .10123     | .2426      | .0039945 |
| %RSD   | 7.365924 | 1.227287   | .4088122   | .1689722   | .1348505   | 1.514417 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0193496 | 11.06585 | 493.3372 | 59.92742 | 180.1721 | .2611570 |
| #2 | .0221102 | 11.28719 | 496.1525 | 59.80357 | 179.7676 | .2617740 |
| #3 | .0197050 | 11.31858 | 497.2687 | 60.00421 | 179.7378 | .2683635 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 3.008975 | Z ***** |
| Stddev | .018535  | -----   |
| %RSD   | .6159857 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 2.988131 | Z 9355.353 |
| #2 | 3.015190 | Z 9383.071 |
| #3 | 3.023603 | Z 9352.431 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4365.213 | 67101.32 | 14735.12 | 4094.558 | 2243.264 |
| Stddev    | 3.609    | 112.94   | 126.17   | 5.508    | 1.727    |
| %RSD      | .0826722 | .1683128 | .8562502 | .1345257 | .0769874 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4361.284 | 67113.96 | 14878.72 | 4100.459 | 2242.702 |
| #2 | 4368.381 | 67207.40 | 14684.57 | 4089.553 | 2245.202 |
| #3 | 4365.974 | 66982.59 | 14642.06 | 4093.663 | 2241.888 |

Sample Name: CCV03      Acquired: 6/8/2023 16:12:30      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | 4.911859 | 4.905062 | 4.770751 | 4.625772 | 4.870868 | 9.774640 | 10.12949 |
| Stddev | .009067  | .011149  | .018703  | .013542  | .011390  | .096160  | .11736   |
| %RSD   | .1846018 | .2273031 | .3920282 | .2927463 | .2338356 | .9837733 | 1.158583 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.901790 | 4.897245 | 4.757666 | 4.615975 | 4.861042 | 9.664098 | 9.99739  |
| #2 | 4.919380 | 4.900112 | 4.762415 | 4.620116 | 4.868209 | 9.838979 | 10.16937 |
| #3 | 4.914406 | 4.917829 | 4.792172 | 4.641225 | 4.883351 | 9.820842 | 10.22172 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2381646 | 2.428663 | 25.00936 | .9633241 | 2.383498 | 1.213534 | 4.927374 |
| Stddev | .0033934 | .008376  | .32149   | .0025358 | .007723  | .004030  | .013348  |
| %RSD   | 1.424805 | .3448995 | 1.285466 | .2632331 | .3240208 | .3321020 | .2709034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2348847 | 2.420593 | 24.64350 | .9654384 | 2.376779 | 1.209842 | 4.932806 |
| #2 | .2379481 | 2.428080 | 25.13785 | .9640211 | 2.381778 | 1.212927 | 4.937149 |
| #3 | .2416611 | 2.437316 | 25.24673 | .9605126 | 2.391936 | 1.217834 | 4.912166 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.401383 | 23.75511 | 2.431530 | 1.260180 | 24.03960 | 2.434592 | 2.530410 |
| Stddev | .028803  | .30027   | .009095  | .000512  | .13120   | .028287  | .007216  |
| %RSD   | 1.199418 | 1.264007 | .3740567 | .0406231 | .5457647 | 1.161871 | .2851596 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.368125 | 23.40860 | 2.423251 | 1.260653 | 24.12889 | 2.402438 | 2.522700 |
| #2 | 2.418037 | 23.91790 | 2.430074 | 1.259637 | 24.10094 | 2.445699 | 2.537000 |
| #3 | 2.417988 | 23.93883 | 2.441265 | 1.260249 | 23.88896 | 2.455641 | 2.531531 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.53025 | 4.860815 | 5.123033 | 5.044474 | 4.952018 | 5.117108 | 4.871787 |
| Stddev | .13328   | .063853  | .016478  | .012658  | .066542  | .027650  | .019783  |
| %RSD   | .5433285 | 1.313629 | .3216361 | .2509296 | 1.343744 | .5403368 | .4060784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.59884 | 4.790703 | 5.107610 | 5.032052 | 4.875290 | 5.114709 | 4.859311 |
| #2 | 24.61526 | 4.876111 | 5.121095 | 5.044014 | 4.986834 | 5.145879 | 4.861453 |
| #3 | 24.37664 | 4.915630 | 5.140393 | 5.057356 | 4.993929 | 5.090736 | 4.894598 |

Sample Name: CCV03      Acquired: 6/8/2023 16:12:30      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.716068 | 4.549817 | 4.758317 | Z ***** |
| Stddev | .013906  | .046506  | .082719  | -----   |
| %RSD   | .2948714 | 1.022150 | 1.738400 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.709954 | 4.496185 | 4.663215 | Z 2825.887 |
| #2 | 4.706266 | 4.578978 | 4.798185 | Z 2826.750 |
| #3 | 4.731984 | 4.574289 | 4.813551 | Z 2808.501 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3488.361 | 53245.11 | 10410.08 | 3316.535 | 2984.663 |
| Stddev    | 6.462    | 290.29   | 92.45    | 12.995   | 4.573    |
| %RSD      | .1852422 | .5452008 | .8881218 | .3918376 | .1532164 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3494.605 | 52959.96 | 10515.14 | 3321.624 | 2988.665 |
| #2 | 3488.777 | 53235.09 | 10373.93 | 3301.765 | 2985.645 |
| #3 | 3481.702 | 53540.29 | 10341.16 | 3326.216 | 2979.679 |

Sample Name: CCB03      Acquired: 6/8/2023 16:16:16      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.001761</b> | <b>-.000732</b> | <b>-.001072</b> | <b>.0021423</b> | <b>-.002176</b> | <b>.0088439</b> | <b>-.020310</b> |
| Stddev | .001614         | .000593         | .000724         | .0062737        | .000997         | .0050701        | .001922         |
| %RSD   | 91.66373        | 81.06223        | 67.52753        | 292.8432        | 45.79999        | 57.32850        | 9.463599        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000845</b> | <b>-.001372</b> | <b>-.001331</b> | <b>-.001002</b> | <b>-.001696</b> | <b>.0058217</b> | <b>-.022114</b> |
| #2 | <b>-.003625</b> | <b>-.000201</b> | <b>-.001631</b> | <b>.009367</b>  | <b>-.003322</b> | <b>.0146973</b> | <b>-.020530</b> |
| #3 | <b>-.000814</b> | <b>-.000622</b> | <b>-.000254</b> | <b>-.001937</b> | <b>-.001510</b> | <b>.0060127</b> | <b>-.018288</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000029</b> | <b>.0000197</b> | <b>-.000055</b> | <b>.0001262</b> | <b>-.000064</b> | <b>-.000644</b> | <b>.0024350</b> |
| Stddev | .000021         | .0000240        | .005111         | .0005235        | .000086         | .000312         | .0012239        |
| %RSD   | 72.58095        | 121.8463        | 9220.601        | 414.7948        | 133.0002        | 48.50561        | 50.26083        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000006</b> | <b>.0000209</b> | <b>-.002542</b> | <b>-.000369</b> | <b>-.000069</b> | <b>-.000328</b> | <b>.0031359</b> |
| #2 | <b>-.000033</b> | <b>.0000430</b> | <b>.005823</b>  | <b>.000074</b>  | <b>.000024</b>  | <b>-.000651</b> | <b>.0031474</b> |
| #3 | <b>-.000048</b> | <b>-.000005</b> | <b>-.003447</b> | <b>.000674</b>  | <b>-.000147</b> | <b>-.000952</b> | <b>.0010218</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001868</b> | <b>-.001089</b> | <b>.0003122</b> | <b>.0006213</b> | <b>.0310045</b> | <b>-.000740</b> | <b>-.000442</b> |
| Stddev | .0003171        | .011653         | .0000358        | .0003919        | .0039638        | .000593         | .000248         |
| %RSD   | 169.7230        | 1070.298        | 11.48124        | 63.08326        | 12.78445        | 80.14768        | 56.10452        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0005525</b> | <b>.005088</b>  | <b>.0002757</b> | <b>.0003714</b> | <b>.0338292</b> | <b>-.001221</b> | <b>-.000206</b> |
| #2 | <b>-.000012</b> | <b>-.014529</b> | <b>.0003473</b> | <b>.0010730</b> | <b>.0264733</b> | <b>-.000078</b> | <b>-.000700</b> |
| #3 | <b>.000020</b>  | <b>.006176</b>  | <b>.0003135</b> | <b>.0004195</b> | <b>.0327111</b> | <b>-.000920</b> | <b>-.000420</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1490643</b> | <b>.0135742</b> | <b>.0018077</b> | <b>.0001753</b> | <b>.0020073</b> | <b>.0133686</b> | <b>.0024327</b> |
| Stddev | .0415355        | .0009726        | .0005008        | .0002485        | .0013939        | .0110508        | .0015418        |
| %RSD   | 27.86416        | 7.165067        | 27.70348        | 141.8010        | 69.44312        | 82.66201        | 63.37722        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1345627</b> | <b>.0146552</b> | <b>.0022300</b> | <b>.0002404</b> | <b>.0007734</b> | <b>.0157267</b> | <b>.0010429</b> |
| #2 | <b>.1959064</b> | <b>.0132975</b> | <b>.0019386</b> | <b>.0003848</b> | <b>.0035193</b> | <b>.0013291</b> | <b>.0021640</b> |
| #3 | <b>.1167237</b> | <b>.0127700</b> | <b>.0012544</b> | <b>-.000099</b> | <b>.0017291</b> | <b>.0230500</b> | <b>.0040912</b> |

Sample Name: CCB03      Acquired: 6/8/2023 16:16:16      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.002997</b> | <b>-.009900</b> | <b>.0001871</b> | <b>z *****</b> |
| Stddev | .005485         | .002116         | .0000453        | -----          |
| %RSD   | 182.9896        | 21.37247        | 24.21463        | -----          |

|    |          |          |          |                   |
|----|----------|----------|----------|-------------------|
| #1 | .001303  | -.011838 | .0002015 | <b>z 2568.005</b> |
| #2 | -.001120 | -.010219 | .0001363 | <b>z 2577.825</b> |
| #3 | -.009175 | -.007643 | .0002234 | <b>z 2565.464</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3617.499</b> | <b>54829.70</b> | <b>10106.22</b> | <b>3400.322</b> | <b>3277.063</b> |
| Stddev    | 13.046          | 454.89          | 85.47           | 25.001          | 12.077          |
| %RSD      | .3606375        | .8296381        | .8457088        | .7352445        | .3685380        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3630.223 | 55235.60 | 10198.16 | 3421.809 | 3289.557 |
| #2 | 3618.121 | 54915.49 | 10091.30 | 3406.275 | 3276.182 |
| #3 | 3604.153 | 54338.03 | 10029.19 | 3372.883 | 3265.450 |

Sample Name: O3039-01      Acquired: 6/8/2023 16:20:18      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1438362</b> | <b>-.019501</b> | <b>1.221458</b> | <b>-.081212</b> | <b>.0051551</b> | <b>101.3521</b> | <b>.9980560</b> |
| Stddev | .0010149        | .001972         | .007993         | .001111         | .0020071        | .6591           | .0066739        |
| %RSD   | .7055675        | 10.11300        | .6544134        | 1.367451        | 38.93386        | .6503337        | .6686887        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1426645</b> | <b>-.018224</b> | <b>1.227979</b> | <b>-.081880</b> | <b>.0041659</b> | <b>100.7362</b> | <b>.9919132</b> |
| #2 | <b>.1444399</b> | <b>-.021773</b> | <b>1.223855</b> | <b>-.081826</b> | <b>.0074649</b> | <b>101.2728</b> | <b>.9970976</b> |
| #3 | <b>.1444041</b> | <b>-.018507</b> | <b>1.212540</b> | <b>-.079930</b> | <b>.0038347</b> | <b>102.0473</b> | <b>1.005157</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0075016</b> | <b>.0049533</b> | <b>271.4530</b> | <b>.2021101</b> | <b>.0989655</b> | <b>-.032259</b> | <b>234.5988</b> |
| Stddev | .0000802        | .0000280        | 2.0205          | .0007653        | .0005669        | .003077         | 1.2557          |
| %RSD   | 1.069652        | .5651595        | .7443256        | .3786467        | .5728000        | 9.539899        | .5352337        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0074303</b> | <b>.0049606</b> | <b>269.6533</b> | <b>.2013855</b> | <b>.0990831</b> | <b>-.029367</b> | <b>233.1922</b> |
| #2 | <b>.0074861</b> | <b>.0049770</b> | <b>271.0671</b> | <b>.2020345</b> | <b>.0994643</b> | <b>-.031916</b> | <b>235.6065</b> |
| #3 | <b>.0075885</b> | <b>.0049225</b> | <b>273.6386</b> | <b>.2029104</b> | <b>.0983490</b> | <b>-.035493</b> | <b>234.9978</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.245754</b> | <b>110.1514</b> | <b>.3169041</b> | <b>.0043739</b> | <b>1.648118</b> | <b>.3383586</b> | <b>.8377725</b> |
| Stddev | .022159         | .8538           | .0009227        | .0003676        | .007511         | .0018244        | .0021147        |
| %RSD   | .6826939        | .7751239        | .2911451        | 8.404501        | .4557053        | .5391944        | .2524188        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.224118</b> | <b>109.4272</b> | <b>.3169494</b> | <b>.0039545</b> | <b>1.639455</b> | <b>.3375770</b> | <b>.8383866</b> |
| #2 | <b>3.244744</b> | <b>109.9343</b> | <b>.3178033</b> | <b>.0046403</b> | <b>1.652095</b> | <b>.3370551</b> | <b>.8395123</b> |
| #3 | <b>3.268400</b> | <b>111.0929</b> | <b>.3159597</b> | <b>.0045269</b> | <b>1.652804</b> | <b>.3404436</b> | <b>.8354188</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.44009</b> | <b>.1099965</b> | <b>.0122492</b> | <b>.0279919</b> | <b>3.985750</b> | <b>7.893147</b> | <b>6.460530</b> |
| Stddev | .06162          | .0021432        | .0000602        | .0004641        | .032511         | .029483         | .025055         |
| %RSD   | .5386131        | 1.948443        | .4914004        | 1.657846        | .8156799        | .3735218        | .3878219        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>11.38455</b> | <b>.1101133</b> | <b>.0123131</b> | <b>.0284855</b> | <b>3.956659</b> | <b>7.861611</b> | <b>6.463898</b> |
| #2 | <b>11.50637</b> | <b>.1120789</b> | <b>.0122409</b> | <b>.0275645</b> | <b>3.979748</b> | <b>7.897810</b> | <b>6.483730</b> |
| #3 | <b>11.42935</b> | <b>.1077973</b> | <b>.0121936</b> | <b>.0279258</b> | <b>4.020844</b> | <b>7.920020</b> | <b>6.433960</b> |

Sample Name: O3039-01      Acquired: 6/8/2023 16:20:18      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB30A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 6.785445 | .0692849 | .4158772 | z ***** |
| Stddev | .026896  | .0009587 | .0031406 | -----   |
| %RSD   | .3963709 | 1.383766 | .7551682 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 6.805024 | .0686105 | .4139210 | z 4475.165 |
| #2 | 6.796534 | .0703824 | .4142109 | z 4480.700 |
| #3 | 6.754778 | .0688618 | .4194998 | z 4490.275 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3944.550 | 59959.00 | 11990.34 | 3734.448 | 2760.010 |
| Stddev    | 18.400   | 95.62    | 53.16    | 19.108   | 11.652   |
| %RSD      | .4664700 | .1594754 | .4433549 | .5116679 | .4221726 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3941.104 | 60055.52 | 12018.91 | 3736.158 | 2755.537 |
| #2 | 3928.117 | 59864.30 | 12023.10 | 3714.542 | 2751.258 |
| #3 | 3964.430 | 59957.19 | 11929.00 | 3752.643 | 2773.236 |

Sample Name: O3039-01DUP      Acquired: 6/8/2023 16:24:03      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30ADUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1419381</b> | <b>-.019746</b> | <b>1.224663</b> | <b>-.082843</b> | <b>.0032732</b> | <b>102.4758</b> | <b>1.012621</b> |
| Stddev | .0009062        | .001091         | .002328         | .002777         | .0012612        | .2230           | .000586         |
| %RSD   | .6384164        | 5.526482        | .1900949        | 3.352387        | 38.53182        | .2176396        | .0578443        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1411379 | -.019884 | 1.222469 | -.085400 | .0028110 | 102.7006 | 1.013195 |
| #2 | .1417543 | -.020762 | 1.224414 | -.083240 | .0023084 | 102.4722 | 1.012645 |
| #3 | .1429221 | -.018592 | 1.227105 | -.079888 | .0047004 | 102.2545 | 1.012024 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0074920</b> | <b>.0052032</b> | <b>266.5633</b> | <b>.2023309</b> | <b>.1007428</b> | <b>-.026711</b> | <b>235.6419</b> |
| Stddev | .0000486        | .0002133        | .9083           | .0014585        | .0001171        | .001741         | 1.8673          |
| %RSD   | .6484735        | 4.098410        | .3407403        | .7208653        | .1162403        | 6.517734        | .7924250        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075100 | .0053315 | 267.2341 | .2023097 | .1007072 | -.026396 | 234.6698 |
| #2 | .0074370 | .0053211 | 266.9262 | .2008831 | .1006476 | -.025149 | 234.4613 |
| #3 | .0075290 | .0049570 | 265.5297 | .2037999 | .1008736 | -.028588 | 237.7947 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.311095</b> | <b>104.4374</b> | <b>.3217742</b> | <b>.0044931</b> | <b>1.632430</b> | <b>.3384290</b> | <b>.8445131</b> |
| Stddev | .016154         | .4791           | .0003283        | .0000789        | .019152         | .0042161        | .0039735        |
| %RSD   | .4878624        | .4587662        | .1020379        | 1.756975        | 1.173241        | 1.245775        | .4705121        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.329272 | 104.9685 | .3218318 | .0044072 | 1.620796 | .3416892 | .8409745 |
| #2 | 3.305627 | 104.3061 | .3220698 | .0045625 | 1.621958 | .3399299 | .8437531 |
| #3 | 3.298384 | 104.0376 | .3214208 | .0045095 | 1.654535 | .3336679 | .8488118 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.49433</b> | <b>.1045276</b> | <b>.0122275</b> | <b>.0275484</b> | <b>4.031737</b> | <b>7.729978</b> | <b>6.417568</b> |
| Stddev | .09871          | .0038287        | .0004183        | .0003223        | .015268         | .062836         | .008111         |
| %RSD   | .8587512        | 3.662861        | 3.420899        | 1.170084        | .3786985        | .8128856        | .1263843        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.47048 | .1005807 | .0126578 | .0271959 | 4.046508 | 7.698092 | 6.411543 |
| #2 | 11.40974 | .1047762 | .0122023 | .0278281 | 4.032686 | 7.689478 | 6.414371 |
| #3 | 11.60278 | .1082260 | .0118223 | .0276213 | 4.016016 | 7.802364 | 6.426790 |

Sample Name: O3039-01DUP      Acquired: 6/8/2023 16:24:03      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB30ADUP      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 6.792289 | .0658347 | .4373063 | z ***** |
| Stddev | .014265  | .0012396 | .0042665 | -----   |
| %RSD   | .2100233 | 1.882866 | .9756369 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 6.776561 | .0665543 | .4414111 | z 4499.051 |
| #2 | 6.804393 | .0665465 | .4376133 | z 4482.561 |
| #3 | 6.795913 | .0644034 | .4328946 | z 4497.806 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3986.858 | 60643.75 | 11994.34 | 3768.291 | 2789.773 |
| Stddev    | 7.398    | 278.98   | 111.70   | 9.126    | 1.778    |
| %RSD      | .1855515 | .4600305 | .9312341 | .2421735 | .0637408 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3989.191 | 60654.31 | 11883.15 | 3767.565 | 2787.721 |
| #2 | 3992.808 | 60917.30 | 11993.34 | 3777.758 | 2790.845 |
| #3 | 3978.575 | 60359.64 | 12106.53 | 3759.550 | 2790.754 |

Sample Name: O3039-01LX5      Acquired: 6/8/2023 16:27:48      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0299752 | -.001495 | .2466776 | -.016639 | -.003465 | 22.16182 | .1942988 |
| Stddev | .0025358 | .000413  | .0020149 | .003511  | .000812  | .20439   | .0024525 |
| %RSD   | 8.459768 | 27.62636 | .8168129 | 21.10256 | 23.43436 | .9222497 | 1.262241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0271781 | -.001328 | .2476033 | -.014133 | -.004307 | 22.07113 | .1925461 |
| #2 | .0306237 | -.001965 | .2443662 | -.020652 | -.003399 | 22.39586 | .1971015 |
| #3 | .0321239 | -.001191 | .2480632 | -.015132 | -.002688 | 22.01848 | .1932489 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017570 | -.000001 | 62.62042 | .0460241 | .0190861 | -.003247 | 52.37532 |
| Stddev | .0000774 | .000112  | .57009   | .0003984 | .0002930 | .000616  | .22125   |
| %RSD   | 4.407809 | 15740.47 | .9103883 | .8655803 | 1.535137 | 18.95822 | .4224242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017668 | .000075  | 62.40557 | .0461672 | .0187825 | -.002537 | 52.14963 |
| #2 | .0018292 | -.000129 | 63.26671 | .0463312 | .0191087 | -.003630 | 52.38450 |
| #3 | .0016752 | .000052  | 62.18898 | .0455740 | .0193672 | -.003575 | 52.59184 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7490036 | 26.37414 | .0628877 | .0014294 | .3604723 | .0783201 | .1907257 |
| Stddev | .0059365 | .20952   | .0003882 | .0002718 | .0021204 | .0006710 | .0010172 |
| %RSD   | .7925931 | .7944233 | .6172948 | 19.01480 | .5882355 | .8566761 | .5333546 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7462966 | 26.26525 | .0624526 | .0011753 | .3624553 | .0790060 | .1904079 |
| #2 | .7558111 | 26.61569 | .0630121 | .0017160 | .3582371 | .0782890 | .1918639 |
| #3 | .7449030 | 26.24149 | .0631985 | .0013969 | .3607246 | .0776652 | .1899052 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.506511 | .0248380 | .0028963 | .0037084 | .8812095 | 1.274452 | 1.227043 |
| Stddev | .034871  | .0014400 | .0002254 | .0004214 | .0077995 | .012319  | .003546  |
| %RSD   | 1.391223 | 5.797641 | 7.783087 | 11.36237 | .8850945 | .9666115 | .2890138 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.488683 | .0244303 | .0028079 | .0032497 | .8798545 | 1.260753 | 1.227277 |
| #2 | 2.484157 | .0236457 | .0027285 | .0037974 | .8895977 | 1.284619 | 1.223385 |
| #3 | 2.546691 | .0264378 | .0031525 | .0040782 | .8741762 | 1.277984 | 1.230466 |

Sample Name: O3039-01LX5      Acquired: 6/8/2023 16:27:48      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.253473 | .0068549 | .0918195 | z ***** |
| Stddev | .007144  | .0013821 | .0010114 | -----   |
| %RSD   | .5699734 | 20.16167 | 1.101471 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.261542 | .0075935 | .0915591 | z 3124.326 |
| #2 | 1.247950 | .0052604 | .0929356 | z 3128.862 |
| #3 | 1.250928 | .0077107 | .0909638 | z 3126.570 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3629.863 | 55261.95 | 10663.02 | 3446.239 | 3030.785 |
| Stddev    | 31.268   | 99.63    | 117.97   | 3.099    | 29.754   |
| %RSD      | .8614179 | .1802890 | 1.106372 | .0899224 | .9817308 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3637.605 | 55365.59 | 10674.62 | 3449.341 | 3040.765 |
| #2 | 3656.532 | 55166.88 | 10539.67 | 3446.233 | 3054.267 |
| #3 | 3595.451 | 55253.39 | 10774.76 | 3443.143 | 2997.324 |

Sample Name: O3039-01MS      Acquired: 6/8/2023 16:31:42      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30AMS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9122036</b> | <b>1.967857</b> | <b>2.368699</b> | <b>1.522403</b> | <b>.6855929</b> | <b>99.81991</b> |
| Stddev | .0059392        | .018300         | .024884         | .014163         | .0058734        | .21453          |
| %RSD   | .6510782        | .9299443        | 1.050538        | .9303058        | .8566822        | .2149173        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9145672 | 1.987135 | 2.395303 | 1.538723 | .6923439 | 99.57973 |
| #2 | .9165970 | 1.965711 | 2.364798 | 1.515156 | .6827773 | 99.99253 |
| #3 | .9054465 | 1.950725 | 2.345996 | 1.513329 | .6816573 | 99.88746 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.240718</b> | <b>.1712123</b> | <b>.2060948</b> | <b>148.8291</b> | <b>.5590647</b> | <b>.3108369</b> |
| Stddev | .001639         | .0004125        | .0024976        | .2069           | .0044910        | .0030102        |
| %RSD   | .1321209        | .2409363        | 1.211851        | .1390291        | .8033073        | .9684274        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.241327 | .1708208 | .2087969 | 148.7573 | .5624090 | .3141798 |
| #2 | 1.241966 | .1711731 | .2056167 | 148.6678 | .5539602 | .3099903 |
| #3 | 1.238862 | .1716430 | .2038708 | 149.0624 | .5608247 | .3083406 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1378676</b> | <b>256.7405</b> | <b>4.071751</b> | <b>61.65320</b> | <b>.8408332</b> | <b>.0681100</b> |
| Stddev | .0057178        | 1.3455          | .016327         | .13692          | .0087254        | .0005255        |
| %RSD   | 4.147305        | .5240743        | .4009881        | .2220806        | 1.037709        | .7715825        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1425038 | 257.5426 | 4.052957 | 61.53837 | .8501988 | .0675270 |
| #2 | .1396205 | 255.1871 | 4.082444 | 61.80473 | .8393670 | .0682554 |
| #3 | .1314786 | 257.4918 | 4.079851 | 61.61651 | .8329338 | .0685475 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.153721</b> | <b>.6282855</b> | <b>.9646354</b> | <b>22.44277</b> | <b>.3453852</b> | <b>.3571502</b> |
| Stddev | .036073         | .0022148        | .0044208        | .08614          | .0020579        | .0034194        |
| %RSD   | .8684478        | .3525209        | .4582892        | .3838383        | .5958362        | .9574051        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.186331 | .6307928 | .9668637 | 22.51348 | .3476555 | .3610901 |
| #2 | 4.114973 | .6265952 | .9595439 | 22.34683 | .3436424 | .3554042 |
| #3 | 4.159861 | .6274687 | .9674987 | 22.46798 | .3448575 | .3549564 |

Sample Name: O3039-01MS      Acquired: 6/8/2023 16:31:42      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30AMS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .7611474 | 4.873881 | F 10.08051 | F 12.69268 | 8.630900 | .2250962 |
| Stddev | .0087315 | .004695  | .10668     | .11856     | .085028  | .0009835 |
| %RSD   | 1.147148 | .0963281 | 1.058243   | .9341128   | .9851558 | .4369280 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7703856 | 4.870724 | 10.17491 | 12.82237 | 8.720059 | .2239910 |
| #2 | .7600254 | 4.879276 | 9.96478  | 12.66582 | 8.621924 | .2254225 |
| #3 | .7530311 | 4.871643 | 10.10184 | 12.58986 | 8.550716 | .2258750 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .4799340 | Z ***** |
| Stddev | .0032375 | -----   |
| %RSD   | .6745706 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .4764156 | Z 9568.191 |
| #2 | .4827873 | Z 9612.009 |
| #3 | .4805992 | Z 9657.459 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3989.380 | 60843.60 | 11913.71 | 3776.524 | 2784.737 |
| Stddev    | 35.199   | 429.92   | 18.74    | 14.234   | 27.984   |
| %RSD      | .8823164 | .7065943 | .1572811 | .3769005 | 1.004911 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3951.659 | 60422.72 | 11930.90 | 3763.748 | 2755.912 |
| #2 | 3995.131 | 61282.02 | 11893.74 | 3791.866 | 2786.502 |
| #3 | 4021.349 | 60826.06 | 11916.49 | 3773.958 | 2811.796 |

Sample Name: O3039-01MSD      Acquired: 6/8/2023 16:35:20      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30AMSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8812521</b> | <b>1.937575</b> | <b>2.368411</b> | <b>1.489034</b> | <b>.6695186</b> | <b>98.90097</b> |
| Stddev | .0030363        | .002473         | .004711         | .006962         | .0033718        | .26966          |
| %RSD   | .3445479        | .1276251        | .1989026        | .4675379        | .5036132        | .2726552        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8839903 | 1.936135 | 2.365550 | 1.481842 | .6707222 | 98.59201 |
| #2 | .8779867 | 1.936159 | 2.365836 | 1.489521 | .6657102 | 99.08896 |
| #3 | .8817794 | 1.940430 | 2.373848 | 1.495740 | .6721234 | 99.02193 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.218281</b> | <b>.1685058</b> | <b>.2026422</b> | <b>140.0622</b> | <b>.5517183</b> | <b>.3049231</b> |
| Stddev | .007440         | .0000930        | .0003883        | .5457           | .0012391        | .0005480        |
| %RSD   | .6106669        | .0551716        | .1916258        | .3896034        | .2245829        | .1797067        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.210559 | .1684345 | .2027244 | 139.4791 | .5529119 | .3048154 |
| #2 | 1.225402 | .1686110 | .2022194 | 140.5605 | .5518048 | .3044370 |
| #3 | 1.218882 | .1684720 | .2029829 | 140.1471 | .5504383 | .3055170 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1372099</b> | <b>247.9483</b> | <b>4.149135</b> | <b>56.45380</b> | <b>.8211897</b> | <b>.0661660</b> |
| Stddev | .0041852        | .6023           | .010217         | .12402          | .0014465        | .0005965        |
| %RSD   | 3.050232        | .2428984        | .2462368        | .2196787        | .1761458        | .9015279        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1399539 | 247.3256 | 4.139172 | 56.31816 | .8196504 | .0654800 |
| #2 | .1323928 | 248.5278 | 4.148645 | 56.48184 | .8213980 | .0664546 |
| #3 | .1392831 | 247.9915 | 4.159588 | 56.56139 | .8225208 | .0665633 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.047307</b> | <b>.6121542</b> | <b>.9462192</b> | <b>22.12335</b> | <b>.3355390</b> | <b>.3482438</b> |
| Stddev | .014797         | .0018026        | .0031947        | .00260          | .0016218        | .0013585        |
| %RSD   | .3656131        | .2944611        | .3376289        | .0117660        | .4833321        | .3901027        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.031105 | .6108674 | .9481587 | 22.12633 | .3336905 | .3495702 |
| #2 | 4.060107 | .6142144 | .9479669 | 22.12217 | .3362039 | .3468553 |
| #3 | 4.050708 | .6113807 | .9425319 | 22.12154 | .3367228 | .3483057 |

Sample Name: O3039-01MSD      Acquired: 6/8/2023 16:35:20      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30AMSD      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7428238 | 4.741441 | 9.980227 | F 12.46532 | 7.641375 | .2209063 |
| Stddev | .0018893 | .017783  | .012382  | .00951     | .011055  | .0020168 |
| %RSD   | .2543426 | .3750491 | .1240675 | .0763302   | .1446719 | .9129801 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7450045 | 4.726003 | 9.971715 | 12.47528 | 7.642985 | .2185778 |
| #2 | .7417879 | 4.760885 | 9.994431 | 12.46434 | 7.629604 | .2221018 |
| #3 | .7416790 | 4.737435 | 9.974533 | 12.45633 | 7.651537 | .2220394 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .4615214 | Z ***** |
| Stddev | .0016320 | -----   |
| %RSD   | .3536032 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .4602849 | Z 9696.603 |
| #2 | .4609081 | Z 9675.095 |
| #3 | .4633712 | Z 9672.896 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4087.011 | 62301.28 | 12174.50 | 3878.660 | 2853.083 |
| Stddev    | 11.793   | 154.92   | 15.10    | 11.441   | 2.375    |
| %RSD      | .2885428 | .2486646 | .1240275 | .2949608 | .0832402 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4074.948 | 62351.81 | 12187.53 | 3879.209 | 2850.925 |
| #2 | 4098.514 | 62127.40 | 12157.95 | 3866.955 | 2855.627 |
| #3 | 4087.570 | 62424.62 | 12178.03 | 3889.816 | 2852.697 |

Sample Name: O3039-01A      Acquired: 6/8/2023 16:38:59      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .8777173 | 2.026580 | 2.199276 | 1.576435 | .7137780 | 100.8454 |
| Stddev | .0047916 | .013539  | .009053  | .003637  | .0015939 | .2400    |
| %RSD   | .5459195 | .6680723 | .4116438 | .2307369 | .2233033 | .2380254 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8820407 | 2.013193 | 2.189621 | 1.579479 | .7119929 | 101.0754 |
| #2 | .8725655 | 2.026279 | 2.200633 | 1.572407 | .7150588 | 100.5965 |
| #3 | .8785458 | 2.040266 | 2.207574 | 1.577420 | .7142822 | 100.8644 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.156614 | .1758747 | .2086502 | 270.9816 | .5419861 | .2983471 |
| Stddev | .003685  | .0007810 | .0008065 | .9604    | .0016757 | .0009796 |
| %RSD   | .3186149 | .4440467 | .3865106 | .3544058 | .3091746 | .3283361 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.160706 | .1764111 | .2077748 | 271.7691 | .5408076 | .2972884 |
| #2 | 1.153558 | .1749787 | .2088129 | 269.9117 | .5412463 | .2985315 |
| #3 | 1.155577 | .1762342 | .2093629 | 271.2639 | .5439044 | .2992214 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2226926 | 227.3564 | 3.347734 | 113.0388 | .8135599 | .0698908 |
| Stddev | .0029849 | 1.4689   | .007943  | .3753    | .0021431 | .0007085 |
| %RSD   | 1.340382 | .6460577 | .2372522 | .3320120 | .2634220 | 1.013713 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2261245 | 225.7271 | 3.355240 | 113.1288 | .8115805 | .0694867 |
| #2 | .2207004 | 227.7630 | 3.339417 | 112.6267 | .8132634 | .0694769 |
| #3 | .2212528 | 228.5791 | 3.348544 | 113.3610 | .8158358 | .0707089 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.340917 | .6000985 | .9759444 | 20.96306 | .3431883 | .3671489 |
| Stddev | .022699  | .0009805 | .0035515 | .11334   | .0033694 | .0011456 |
| %RSD   | .5229038 | .1633927 | .3638998 | .5406578 | .9817829 | .3120306 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.314775 | .6011198 | .9739133 | 20.83390 | .3397915 | .3661736 |
| #2 | 4.352355 | .5991647 | .9738747 | 21.00939 | .3432440 | .3668627 |
| #3 | 4.355622 | .6000110 | .9800452 | 21.04590 | .3465295 | .3684105 |

Sample Name: O3039-01A      Acquired: 6/8/2023 16:38:59      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7614155 | 4.022450 | 7.438518 | F 12.56553 | 6.504211 | .2509048 |
| Stddev | .0036705 | .011864  | .022086  | .05225     | .019705  | .0019498 |
| %RSD   | .4820632 | .2949527 | .2969175 | .4158219   | .3029651 | .7770992 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7576437 | 4.035274 | 7.414865 | 12.50946 | 6.481461 | .2517219 |
| #2 | .7616271 | 4.011865 | 7.442088 | 12.57429 | 6.515213 | .2523131 |
| #3 | .7649756 | 4.020210 | 7.458603 | 12.61285 | 6.515959 | .2486794 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .5936488 | Z ***** |
| Stddev | .0020475 | -----   |
| %RSD   | .3448965 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .5959565 | Z 9841.585 |
| #2 | .5929399 | Z 9731.498 |
| #3 | .5920500 | Z 9796.122 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3966.048 | 60433.97 | 11870.36 | 3734.235 | 2783.228 |
| Stddev    | 7.281    | 296.21   | 33.86    | 14.363   | 7.204    |
| %RSD      | .1835790 | .4901465 | .2852398 | .3846196 | .2588495 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3971.392 | 60757.81 | 11839.79 | 3744.859 | 2791.044 |
| #2 | 3968.996 | 60367.37 | 11906.75 | 3739.951 | 2781.788 |
| #3 | 3957.756 | 60176.72 | 11864.53 | 3717.894 | 2776.852 |

Sample Name: O3039-02      Acquired: 6/8/2023 16:42:37      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30B      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0201067 | -.020671 | .1043755 | -.073451 | .0040378 | 91.35180 | .6410080 |
| Stddev | .0059580 | .001640  | .0013831 | .002724  | .0011098 | .68376   | .0051441 |
| %RSD   | 29.63188 | 7.933599 | 1.325151 | 3.707947 | 27.48570 | .7484876 | .8024999 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0269755 | -.018931 | .1051549 | -.072039 | .0042360 | 90.59090 | .6354613 |
| #2 | .0170076 | -.020893 | .1027786 | -.071724 | .0028422 | 91.54976 | .6419408 |
| #3 | .0163370 | -.022189 | .1051931 | -.076591 | .0050352 | 91.91473 | .6456218 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050803 | .0048097 | 804.5958 | .3132708 | .0737688 | -.151575 | 183.0919 |
| Stddev | .0001272 | .0001129 | 5.7130   | .0011943 | .0004654 | .000964  | .2186    |
| %RSD   | 2.503311 | 2.348471 | .7100508 | .3812311 | .6309115 | .6357900 | .1193966 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049885 | .0049362 | 798.1029 | .3120820 | .0738893 | -.152581 | 183.0368 |
| #2 | .0050270 | .0047190 | 808.8526 | .3132599 | .0732550 | -.150661 | 182.9061 |
| #3 | .0052255 | .0047739 | 806.8319 | .3144705 | .0741621 | -.151481 | 183.3328 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.212978 | 501.6384 | .3553265 | .0019909 | 1.786071 | .3084918 | .2683116 |
| Stddev | .016329  | 3.2681   | .0017421 | .0002364 | .002966  | .0045095 | .0001887 |
| %RSD   | .7378535 | .6514848 | .4902765 | 11.87605 | .1660835 | 1.461792 | .0703180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.194510 | 498.0019 | .3538078 | .0017564 | 1.786042 | .3065468 | .2684102 |
| #2 | 2.218922 | 502.5835 | .3549436 | .0022292 | 1.783120 | .3052812 | .2684306 |
| #3 | 2.225502 | 504.3298 | .3572282 | .0019870 | 1.789052 | .3136474 | .2680941 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 30.41364 | .0770367 | .0095430 | .0007816 | 4.460174 | 8.490955 | 6.343126 |
| Stddev | .04032   | .0019332 | .0004165 | .0004314 | .036169  | .024187  | .011866  |
| %RSD   | .1325684 | 2.509413 | 4.364675 | 55.19384 | .8109399 | .2848604 | .1870736 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 30.44431 | .0790910 | .0090668 | .0011009 | 4.420275 | 8.476154 | 6.337219 |
| #2 | 30.36797 | .0752532 | .0097227 | .0002908 | 4.469434 | 8.477844 | 6.335373 |
| #3 | 30.42864 | .0767659 | .0098394 | .0009531 | 4.490813 | 8.518867 | 6.356787 |

Sample Name: O3039-02      Acquired: 6/8/2023 16:42:37      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB30B      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.463441 | .1289691 | .2988695 | Z ***** |
| Stddev | .010213  | .0039939 | .0032883 | -----   |
| %RSD   | .1869406 | 3.096800 | 1.100249 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.467296 | .1245220 | .2950924 | Z 5432.291 |
| #2 | 5.471166 | .1322503 | .3004213 | Z 5424.696 |
| #3 | 5.451861 | .1301351 | .3010947 | Z 5425.475 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3955.794 | 60267.02 | 12490.24 | 3716.002 | 2498.738 |
| Stddev    | 3.732    | 117.42   | 89.57    | 8.170    | 1.309    |
| %RSD      | .0943358 | .1948287 | .7171237 | .2198688 | .0523942 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3958.926 | 60245.25 | 12589.69 | 3706.626 | 2499.238 |
| #2 | 3951.665 | 60393.80 | 12465.11 | 3721.599 | 2499.723 |
| #3 | 3956.792 | 60162.01 | 12415.91 | 3719.780 | 2497.253 |

Sample Name: O3039-04      Acquired: 6/8/2023 16:46:34      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB31A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0415824 | -.022112 | .5486559 | -.093897 | .0045343 | 157.6311 | .9237611 |
| Stddev | .0023643 | .002444  | .0060322 | .006592  | .0009096 | 1.1277   | .0076120 |
| %RSD   | 5.685907 | 11.05403 | 1.099450 | 7.020842 | 20.06069 | .7153954 | .8240250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0440574 | -.021924 | .5438704 | -.100506 | .0034857 | 158.9123 | .9325500 |
| #2 | .0393470 | -.019767 | .5466656 | -.093864 | .0050064 | 156.7889 | .9194639 |
| #3 | .0413428 | -.024645 | .5554318 | -.087322 | .0051107 | 157.1921 | .9192695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089026 | .0046442 | 11.52487 | .2512336 | .1208582 | -.274098 | 274.2595 |
| Stddev | .0000695 | .0001645 | .06747   | .0006905 | .0009225 | .003147  | 1.9161   |
| %RSD   | .7803073 | 3.542476 | .5854228 | .2748436 | .7633092 | 1.148217 | .6986267 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0088548 | .0046062 | 11.59689 | .2513449 | .1198112 | -.273393 | 272.9207 |
| #2 | .0089823 | .0048243 | 11.46313 | .2504942 | .1212117 | -.271363 | 273.4036 |
| #3 | .0088708 | .0045020 | 11.51457 | .2518617 | .1215517 | -.277538 | 276.4544 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.998814 | 31.88733 | .2602578 | .0054367 | 1.208271 | .3856341 | .9391092 |
| Stddev | .029371  | .22430   | .0017429 | .0002810 | .005835  | .0033037 | .0022877 |
| %RSD   | .5875557 | .7034259 | .6696673 | 5.169201 | .4828967 | .8566919 | .2436062 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.031676 | 32.14632 | .2584099 | .0053662 | 1.205317 | .3882430 | .9416222 |
| #2 | 4.975123 | 31.76041 | .2604912 | .0051977 | 1.204504 | .3819193 | .9385580 |
| #3 | 4.989644 | 31.75527 | .2618721 | .0057463 | 1.214992 | .3867400 | .9371474 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.641511 | .0966880 | .0099574 | .0149670 | 5.035214 | 6.013141 | 6.689103 |
| Stddev | .015673  | .0057921 | .0000804 | .0010731 | .039478  | .045878  | .040407  |
| %RSD   | .2359875 | 5.990519 | .8070655 | 7.170107 | .7840287 | .7629685 | .6040792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.638772 | .0912371 | .0099802 | .0154892 | 5.079413 | 5.990662 | 6.643279 |
| #2 | 6.627389 | .0960573 | .0100240 | .0137327 | 5.003453 | 5.982838 | 6.704408 |
| #3 | 6.658374 | .1027697 | .0098682 | .0156790 | 5.022777 | 6.065924 | 6.719622 |

Sample Name: O3039-04      Acquired: 6/8/2023 16:46:34      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB31A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.287544 | .0159456 | -.163673 | z ***** |
| Stddev | .020475  | .0027721 | .002376  | -----   |
| %RSD   | .8950832 | 17.38458 | 1.451757 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.265466 | .0189209 | -.161505 | z 4574.361 |
| #2 | 2.291258 | .0154803 | -.163300 | z 4585.791 |
| #3 | 2.305908 | .0134356 | -.166213 | z 4574.133 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4487.210 | 67954.54 | 13307.49 | 4288.085 | 2998.054 |
| Stddev    | 11.624   | 83.70    | 136.18   | 8.941    | 12.398   |
| %RSD      | .2590394 | .1231772 | 1.023361 | .2085085 | .4135314 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4500.423 | 67925.91 | 13159.77 | 4278.191 | 3012.135 |
| #2 | 4482.644 | 68048.80 | 13334.67 | 4295.586 | 2993.247 |
| #3 | 4478.562 | 67888.90 | 13428.04 | 4290.479 | 2988.780 |

Sample Name: CCV04      Acquired: 6/8/2023 16:50:20      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB31B      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.856248</b> | <b>4.869511</b> | <b>4.739074</b> | <b>4.569153</b> | <b>4.837267</b> | <b>9.939926</b> | <b>10.29267</b> |
| Stddev | .003187         | .002583         | .003255         | .016089         | .010882         | .071851         | .06429          |
| %RSD   | .0656358        | .0530498        | .0686937        | .3521201        | .2249540        | .7228524        | .6246124        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.859720 | 4.869870 | 4.742395 | 4.578963 | 4.830477 | 10.01010 | 10.34969 |
| #2 | 4.853454 | 4.866767 | 4.738940 | 4.550585 | 4.831506 | 9.94317  | 10.30532 |
| #3 | 4.855571 | 4.871896 | 4.735888 | 4.577911 | 4.849818 | 9.86651  | 10.22299 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2414302</b> | <b>2.413428</b> | <b>25.35930</b> | <b>.9693599</b> | <b>2.377578</b> | <b>1.209266</b> | <b>4.949131</b> |
| Stddev | .0021280        | .003094         | .15057          | .0044243        | .003149         | .001547         | .028550         |
| %RSD   | .8814265        | .1282184        | .5937409        | .4564163        | .1324530        | .1279577        | .5768612        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2438113 | 2.416239 | 25.49728 | .9665673 | 2.380291 | 1.209648 | 4.918750 |
| #2 | .2407652 | 2.410112 | 25.38191 | .9670515 | 2.374124 | 1.207563 | 4.953237 |
| #3 | .2397140 | 2.413933 | 25.19870 | .9744610 | 2.378319 | 1.210586 | 4.975404 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.434624</b> | <b>24.04300</b> | <b>2.419092</b> | <b>1.265823</b> | <b>24.07467</b> | <b>2.471566</b> | <b>2.535740</b> |
| Stddev | .013763         | .12522          | .002699         | .004809         | .12286          | .017673         | .015629         |
| %RSD   | .5653130        | .5208320        | .1115514        | .3799273        | .5103487        | .7150392        | .6163598        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.447308 | 24.18677 | 2.422012 | 1.264565 | 23.93713 | 2.486881 | 2.522394 |
| #2 | 2.436575 | 23.98446 | 2.418575 | 1.261768 | 24.11329 | 2.475587 | 2.552934 |
| #3 | 2.419989 | 23.95776 | 2.416690 | 1.271137 | 24.17358 | 2.452229 | 2.531892 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.63218</b> | <b>4.917407</b> | <b>5.141655</b> | <b>5.003839</b> | <b>5.021549</b> | <b>5.087842</b> | <b>4.772641</b> |
| Stddev | .16239          | .043356         | .005025         | .005846         | .027503         | .044374         | .023176         |
| %RSD   | .6592415        | .8816782        | .0977277        | .1168305        | .5477050        | .8721662        | .4856062        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.45970 | 4.965685 | 5.143248 | 5.010486 | 5.048309 | 5.036621 | 4.773759 |
| #2 | 24.65474 | 4.904739 | 5.136027 | 5.001535 | 5.022981 | 5.114634 | 4.748926 |
| #3 | 24.78211 | 4.881795 | 5.145690 | 4.999496 | 4.993358 | 5.112271 | 4.795238 |

Sample Name: CCV04      Acquired: 6/8/2023 16:50:20      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB31B      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.622097 | 4.603024 | 4.858246 | z ***** |
| Stddev | .004626  | .026612  | .023052  | -----   |
| %RSD   | .1000735 | .5781376 | .4744861 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.626918 | 4.621493 | 4.883742 | z 2790.038 |
| #2 | 4.621677 | 4.615058 | 4.852118 | z 2791.475 |
| #3 | 4.617695 | 4.572521 | 4.838877 | z 2792.033 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3525.203 | 53358.98 | 10297.01 | 3310.374 | 3031.237 |
| Stddev    | 5.025    | 204.00   | 95.00    | 10.678   | 4.930    |
| %RSD      | .1425562 | .3823094 | .9226092 | .3225644 | .1626473 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3519.597 | 53492.37 | 10190.71 | 3320.503 | 3025.708 |
| #2 | 3529.304 | 53460.42 | 10326.73 | 3299.221 | 3035.175 |
| #3 | 3526.708 | 53124.15 | 10373.60 | 3311.400 | 3032.830 |

Sample Name: CCB04      Acquired: 6/8/2023 16:54:06      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | <b>-.000274</b> | <b>.0004281</b> | <b>-.000253</b> | <b>-.001702</b> | <b>-.003429</b> | <b>.0034113</b> |
| Stddev | .001317         | .0021095        | .000693         | .001588         | .001948         | .0080099        |
| %RSD   | 481.5425        | 492.7985        | 273.9650        | 93.30260        | 56.82394        | 234.8038        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001202</b> | <b>.0028452</b> | <b>.000543</b>  | <b>-.003290</b> | <b>-.001779</b> | <b>.0113406</b> |
| #2 | <b>-.000853</b> | <b>-.001041</b> | <b>-.000725</b> | <b>-.000115</b> | <b>-.005578</b> | <b>.0035702</b> |
| #3 | <b>.001234</b>  | <b>-.000520</b> | <b>-.000576</b> | <b>-.001700</b> | <b>-.002928</b> | <b>-.004677</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.022790</b> | <b>.0000197</b> | <b>.0000085</b> | <b>-.003765</b> | <b>.0001603</b> | <b>-.000180</b> |
| Stddev | .008115         | .0000540        | .0000040        | .005777         | .0001168        | .000040         |
| %RSD   | 35.61011        | 274.0775        | 47.39988        | 153.4333        | 72.89503        | 22.01874        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.026401</b> | <b>-.000037</b> | <b>.0000039</b> | <b>-.010349</b> | <b>.0001661</b> | <b>-.000219</b> |
| #2 | <b>-.028473</b> | <b>.000025</b>  | <b>.0000106</b> | <b>-.001399</b> | <b>.0000406</b> | <b>-.000140</b> |
| #3 | <b>-.013496</b> | <b>.000071</b>  | <b>.0000111</b> | <b>.000453</b>  | <b>.0002741</b> | <b>-.000180</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000284</b> | <b>.0014305</b> | <b>.0004181</b> | <b>.0023802</b> | <b>.0005978</b> | <b>.0008129</b> |
| Stddev | .000291         | .0036467        | .0000967        | .0108209        | .0001453        | .0001940        |
| %RSD   | 102.3990        | 254.9311        | 23.12690        | 454.6280        | 24.30745        | 23.86712        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000256</b> | <b>.0013610</b> | <b>.0004777</b> | <b>-.006092</b> | <b>.0007648</b> | <b>.0009567</b> |
| #2 | <b>-.000008</b> | <b>.0051114</b> | <b>.0003065</b> | <b>-.001337</b> | <b>.0005281</b> | <b>.0005922</b> |
| #3 | <b>-.000588</b> | <b>-.002181</b> | <b>.0004699</b> | <b>.014570</b>  | <b>.0005004</b> | <b>.0008899</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0162946</b> | <b>-.001154</b> | <b>-.000785</b> | <b>.1615395</b> | <b>.0081243</b> | <b>.0014081</b> |
| Stddev | .0056492        | .002044         | .000202         | .0325053        | .0008314        | .0003534        |
| %RSD   | 34.66916        | 177.1741        | 25.70674        | 20.12221        | 10.23356        | 25.09632        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0146342</b> | <b>.000047</b>  | <b>-.000637</b> | <b>.1256657</b> | <b>.0081928</b> | <b>.0018161</b> |
| #2 | <b>.0225880</b> | <b>.000006</b>  | <b>-.000702</b> | <b>.1890368</b> | <b>.0072607</b> | <b>.0012077</b> |
| #3 | <b>.0116617</b> | <b>-.003515</b> | <b>-.001014</b> | <b>.1699158</b> | <b>.0089193</b> | <b>.0012005</b> |

Sample Name: CCB04      Acquired: 6/8/2023 16:54:06      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0007767 | .0014548 | .0083569 | .0014716 | -.002532 | F -.010089 |
| Stddev | .0001096 | .0004013 | .0102123 | .0007868 | .001407  | .003094    |
| %RSD   | 14.11311 | 27.58622 | 122.2023 | 53.46868 | 55.56749 | 30.66569   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0008827 | .0016217 | .0170422 | .0013648 | -.001355 | -.008069 |
| #2 | .0007838 | .0017458 | .0109218 | .0023064 | -.002151 | -.008546 |
| #3 | .0006637 | .0009970 | -.002893 | .0007436 | -.004090 | -.013650 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0000645 | z ***** |
| Stddev | .0000142 | -----   |
| %RSD   | 21.94351 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0000504 | z 2562.986 |
| #2 | .0000643 | z 2568.454 |
| #3 | .0000787 | z 2574.233 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3663.057 | 54982.41 | 10356.13 | 3391.459 | 3350.195 |
| Stddev    | 39.805   | 50.31    | 805.41   | 8.192    | 43.063   |
| %RSD      | 1.086670 | .0915098 | 7.777160 | .2415559 | 1.285394 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3626.400 | 55016.05 | 11111.84 | 3393.238 | 3311.997 |
| #2 | 3657.372 | 54924.57 | 10447.71 | 3398.615 | 3341.722 |
| #3 | 3705.399 | 55006.63 | 9508.84  | 3382.523 | 3396.864 |

Sample Name: O3039-05      Acquired: 6/8/2023 16:58:22      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0054829 | .0055986 | .0523828 | -.145033 | .0288742 | 231.6492 |
| Stddev | .0027229 | .0033635 | .0007106 | .003132  | .0021670 | 2.0784   |
| %RSD   | 49.66146 | 60.07849 | 1.356624 | 2.159369 | 7.505157 | .8972068 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0077123 | .0090710 | .0530938 | -.147248 | .0313254 | 230.0508 |
| #2 | .0062882 | .0023558 | .0516725 | -.146400 | .0272130 | 233.9988 |
| #3 | .0024482 | .0053689 | .0523822 | -.141450 | .0280842 | 230.8981 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.805250 | .0072436 | .0105585 | 74.07180 | .7627084 | .2986126 |
| Stddev | .008152  | .0001325 | .0004442 | .36457   | .0075396 | .0002368 |
| %RSD   | .4515797 | 1.829646 | 4.207352 | .4921781 | .9885303 | .0792983 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.798932 | .0072941 | .0109039 | 73.73709 | .7615189 | .2985777 |
| #2 | 1.814452 | .0073435 | .0100574 | 74.46025 | .7707721 | .2983951 |
| #3 | 1.802364 | .0070933 | .0107141 | 74.01806 | .7558343 | .2988648 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1044522 | 398.0404 | 4.783449 | 177.3486 | 1.970975 | .0045956 |
| Stddev | .0083323 | 4.0152   | .026962  | .9488    | .000605  | .0004206 |
| %RSD   | 7.977109 | 1.008730 | .5636492 | .5350138 | .0307204 | 9.152155 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1103356 | 394.8388 | 4.753027 | 176.3366 | 1.971429 | .0041722 |
| #2 | .0949176 | 402.5453 | 4.804390 | 178.2181 | 1.970287 | .0046012 |
| #3 | .1081034 | 396.7371 | 4.792929 | 177.4912 | 1.971208 | .0050133 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.034562 | .7438705 | .6579633 | 39.39560 | .1206899 | -.000539 |
| Stddev | .053296  | .0040977 | .0055980 | .42918   | .0028757 | .000209  |
| %RSD   | 1.320981 | .5508589 | .8508064 | 1.089407 | 2.382681 | 38.79004 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.025211 | .7465728 | .6604382 | 39.10893 | .1195115 | -.000298 |
| #2 | 4.091915 | .7458830 | .6618973 | 39.88902 | .1239675 | -.000660 |
| #3 | 3.986561 | .7391557 | .6515545 | 39.18885 | .1185906 | -.000660 |

Sample Name: O3039-05      Acquired: 6/8/2023 16:58:22      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                   |                 |                 |
|--------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361            | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>.0473707</b> | <b>F 29.10948</b> | <b>5.974012</b> | <b>F 17.82494</b> | <b>.4134973</b> | <b>.0416082</b> |
| Stddev | .0005555        | .11562            | .058749         | .02210            | .0015390        | .0009811        |
| %RSD   | 1.172729        | .3972051          | .9834029        | .1239711          | .3721811        | 2.357959        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0467305 | 29.00991 | 5.949258 | 17.84059 | .4133904 | .0408404 |
| #2 | .0477246 | 29.23629 | 6.041087 | 17.83457 | .4150870 | .0427135 |
| #3 | .0476571 | 29.08223 | 5.931692 | 17.79966 | .4120146 | .0412706 |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>-.008561</b> | <b>Z *****</b> |
| Stddev | .001853         | -----          |
| %RSD   | 21.64901        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>-.007471</b> | <b>Z 6456.146</b> |
| #2 | <b>-.010701</b> | <b>Z 6450.150</b> |
| #3 | <b>-.007511</b> | <b>Z 6429.733</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4600.848</b> | <b>69465.73</b> | <b>13609.46</b> | <b>4294.492</b> | <b>2811.764</b> |
| Stddev    | 6.619           | 622.35          | 35.81           | 37.953          | 5.929           |
| %RSD      | .1438596        | .8959149        | .2631429        | .8837542        | .2108672        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4599.077 | 69620.11 | 13631.18 | 4278.662 | 2804.921 |
| #2 | 4608.172 | 68780.71 | 13568.13 | 4267.016 | 2815.356 |
| #3 | 4595.294 | 69996.36 | 13629.07 | 4337.797 | 2815.016 |

Sample Name: PB153242BL      Acquired: 6/8/2023 17:02:11      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.002823</b> | <b>-.000419</b> | <b>-.000748</b> | <b>-.001218</b> | <b>-.005834</b> | <b>.0076203</b> | <b>-.020887</b> |
| Stddev | .001775         | .000838         | .002261         | .002874         | .001395         | .0070042        | .002480         |
| %RSD   | 62.88166        | 200.0934        | 302.4167        | 235.9243        | 23.90682        | 91.91400        | 11.87114        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000884</b> | <b>-.000448</b> | <b>-.000018</b> | <b>.001993</b>  | <b>-.004528</b> | <b>.0080025</b> | <b>-.021091</b> |
| #2 | <b>-.003216</b> | <b>.000434</b>  | <b>.001058</b>  | <b>-.002097</b> | <b>-.007303</b> | <b>.0144256</b> | <b>-.023259</b> |
| #3 | <b>-.004368</b> | <b>-.001243</b> | <b>-.003284</b> | <b>-.003550</b> | <b>-.005670</b> | <b>.0004329</b> | <b>-.018312</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000003</b> | <b>-.000043</b> | <b>-.002441</b> | <b>-.000030</b> | <b>-.000144</b> | <b>-.000095</b> | <b>.0082818</b> |
| Stddev | .000036         | .000027         | .005235         | .000208         | .000129         | .000503         | .0096954        |
| %RSD   | 1425.360        | 63.36515        | 214.4947        | 689.7067        | 89.64104        | 527.0831        | 117.0686        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000001</b> | <b>-.000065</b> | <b>.002889</b>  | <b>.000030</b>  | <b>-.000269</b> | <b>-.000676</b> | <b>.0194770</b> |
| #2 | <b>.000032</b>  | <b>-.000012</b> | <b>-.002635</b> | <b>-.000262</b> | <b>-.000153</b> | <b>.000211</b>  | <b>.0027074</b> |
| #3 | <b>-.000039</b> | <b>-.000052</b> | <b>-.007576</b> | <b>.000141</b>  | <b>-.000011</b> | <b>.000179</b>  | <b>.0026610</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002002</b> | <b>.0169968</b> | <b>.0005021</b> | <b>.0008606</b> | <b>-.013295</b> | <b>-.002248</b> | <b>-.000630</b> |
| Stddev | .0000743        | .0186673        | .0003561        | .0002482        | .002356         | .001896         | .000242         |
| %RSD   | 37.12960        | 109.8281        | 70.91763        | 28.83651        | 17.71760        | 84.35815        | 38.45920        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0001849</b> | <b>.0248978</b> | <b>.0008795</b> | <b>.0010981</b> | <b>-.015875</b> | <b>-.000168</b> | <b>-.000824</b> |
| #2 | <b>.0001347</b> | <b>.0304144</b> | <b>.0001720</b> | <b>.0006030</b> | <b>-.011259</b> | <b>-.002696</b> | <b>-.000708</b> |
| #3 | <b>.0002809</b> | <b>-.004322</b> | <b>.0004549</b> | <b>.0008807</b> | <b>-.012750</b> | <b>-.003880</b> | <b>-.000359</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1429546</b> | <b>.0010074</b> | <b>.0001100</b> | <b>-.000234</b> | <b>.0040893</b> | <b>.0009020</b> | <b>.0000139</b> |
| Stddev | .0244064        | .0005936        | .0001956        | .000161         | .0017228        | .0073897        | .0024540        |
| %RSD   | 17.07283        | 58.91904        | 177.8188        | 68.64970        | 42.12878        | 819.2881        | 17625.35        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1711228</b> | <b>.0004399</b> | <b>-.000115</b> | <b>-.000387</b> | <b>.0056215</b> | <b>.0074952</b> | <b>-.000167</b> |
| #2 | <b>.1296345</b> | <b>.0009585</b> | <b>.000207</b>  | <b>-.000249</b> | <b>.0044221</b> | <b>-.007086</b> | <b>.002553</b>  |
| #3 | <b>.1281063</b> | <b>.0016240</b> | <b>.000238</b>  | <b>-.000067</b> | <b>.0022244</b> | <b>.002296</b>  | <b>-.002345</b> |

Sample Name: PB153242BL      Acquired: 6/8/2023 17:02:11      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003458</b> | <b>-.008587</b> | <b>.0001342</b> | <b>z *****</b> |
| Stddev | .000119         | .004088         | .0000413        | -----          |
| %RSD   | 3.430634        | 47.60005        | 30.77228        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.003580</b> | <b>-.013291</b> | <b>.0001501</b> | <b>z 2536.825</b> |
| #2 | <b>-.003450</b> | <b>-.005901</b> | <b>.0001653</b> | <b>z 2549.382</b> |
| #3 | <b>-.003343</b> | <b>-.006569</b> | <b>.0000873</b> | <b>z 2537.935</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3651.956</b> | <b>56129.27</b> | <b>10471.22</b> | <b>3471.126</b> | <b>3314.044</b> |
| Stddev    | 17.176          | 593.39          | 109.27          | 31.918          | 15.294          |
| %RSD      | .4703282        | 1.057191        | 1.043519        | .9195375        | .4614822        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3659.195</b> | <b>56814.41</b> | <b>10540.27</b> | <b>3507.948</b> | <b>3314.157</b> |
| #2 | <b>3664.328</b> | <b>55794.34</b> | <b>10528.15</b> | <b>3454.085</b> | <b>3329.280</b> |
| #3 | <b>3632.346</b> | <b>55779.06</b> | <b>10345.24</b> | <b>3451.344</b> | <b>3298.693</b> |

Sample Name: PB153242BS      Acquired: 6/8/2023 17:06:14      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .8457008 | 2.057879 | 1.001126 | 1.957825 | .8161448 | 2.115489 | .1811047 |
| Stddev | .0095214 | .007337  | .005332  | .006585  | .0037118 | .019579  | .0028405 |
| %RSD   | 1.125856 | .3565276 | .5326100 | .3363179 | .4547956 | .9255268 | 1.568422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8536344 | 2.060366 | .999961  | 1.959132 | .8166723 | 2.095442 | .1805231 |
| #2 | .8483257 | 2.063649 | 1.006944 | 1.963659 | .8195646 | 2.134565 | .1841910 |
| #3 | .8351424 | 2.049622 | .996472  | 1.950685 | .8121975 | 2.116462 | .1786001 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2010684 | .1999363 | 1.036294 | .4153140 | .1973186 | .3168593 | 3.234024 |
| Stddev | .0013836 | .0008196 | .005371  | .0013531 | .0011502 | .0011979 | .021480  |
| %RSD   | .6881221 | .4099156 | .5183354 | .3257887 | .5828912 | .3780706 | .6642014 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2000478 | .2001069 | 1.036072 | .4151034 | .1979067 | .3166342 | 3.216779 |
| #2 | .2026432 | .2006572 | 1.041773 | .4167600 | .1980558 | .3181538 | 3.258086 |
| #3 | .2005143 | .1990449 | 1.031037 | .4140786 | .1959933 | .3157898 | 3.227208 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2192262 | 2.055725 | .5061864 | .0752486 | 2.966340 | .3201039 | .2052123 |
| Stddev | .0028738 | .047474  | .0025749 | .0002151 | .029715  | .0025526 | .0006265 |
| %RSD   | 1.310883 | 2.309345 | .5086845 | .2858850 | 1.001746 | .7974186 | .3053063 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2163922 | 2.033187 | .5071832 | .0753601 | 2.955403 | .3194536 | .2052810 |
| #2 | .2221382 | 2.110270 | .5081139 | .0750006 | 2.999974 | .3229186 | .2058017 |
| #3 | .2191481 | 2.023718 | .5032622 | .0753850 | 2.943644 | .3179393 | .2045543 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.61617 | .3137041 | .4242434 | .7015212 | .2190732 | .8868949 | 5.793124 |
| Stddev | .05341   | .0025625 | .0020703 | .0040777 | .0023303 | .0163779 | .054717  |
| %RSD   | .5031268 | .8168442 | .4879985 | .5812650 | 1.063688 | 1.846657 | .9445137 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.57496 | .3126068 | .4244150 | .7011856 | .2175494 | .8838563 | 5.821940 |
| #2 | 10.67652 | .3166325 | .4262226 | .7057564 | .2217557 | .9045794 | 5.827410 |
| #3 | 10.59704 | .3118730 | .4220927 | .6976217 | .2179146 | .8722491 | 5.730021 |

Sample Name: PB153242BS      Acquired: 6/8/2023 17:06:14      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 9.649703 | .1969447 | .2235846 | Z ***** |
| Stddev | .044050  | .0035719 | .0031557 | -----   |
| %RSD   | .4564909 | 1.813641 | 1.411398 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 9.665698 | .1969254 | .2207161 | Z 8494.863 |
| #2 | 9.683522 | .2005262 | .2269649 | Z 8519.024 |
| #3 | 9.599891 | .1933826 | .2230729 | Z 8501.843 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3658.030 | 55995.95 | 10401.97 | 3467.208 | 3274.750 |
| Stddev    | 16.196   | 196.07   | 70.20    | 16.070   | 15.422   |
| %RSD      | .4427386 | .3501444 | .6748692 | .4634944 | .4709351 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3651.470 | 55865.62 | 10448.53 | 3451.077 | 3269.537 |
| #2 | 3646.144 | 55900.80 | 10321.22 | 3467.331 | 3262.611 |
| #3 | 3676.476 | 56221.44 | 10436.15 | 3483.217 | 3292.103 |

Sample Name: O3047-09      Acquired: 6/8/2023 17:09:57      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0046498 | -.001447 | .1774138 | -.002359 | .0044550 | 5.758996 |
| Stddev | .0003530 | .000323  | .0029422 | .002531  | .0004134 | .005205  |
| %RSD   | 7.591232 | 22.29840 | 1.658395 | 107.2770 | 9.280096 | .0903861 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0048418 | -.001411 | .1781522 | -.003415 | .0047282 | 5.765006 |
| #2 | .0042424 | -.001144 | .1799166 | -.004191 | .0046575 | 5.755887 |
| #3 | .0048651 | -.001786 | .1741727 | .000529  | .0039794 | 5.756096 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0219622 | .0002015 | .0001166 | 31.42958 | .0219391 | .0038429 |
| Stddev | .0013720 | .0000873 | .0001048 | .04287   | .0002353 | .0000301 |
| %RSD   | 6.247268 | 43.30916 | 89.88820 | .1364109 | 1.072406 | .7829303 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0211344 | .0001108 | .0001195 | 31.38037 | .0221524 | .0038318 |
| #2 | .0212063 | .0002087 | .0002199 | 31.44949 | .0216867 | .0038199 |
| #3 | .0235460 | .0002849 | .0000104 | 31.45887 | .0219781 | .0038769 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1377028 | 8.422869 | .0928744 | 4.707810 | .0354341 | .0011063 |
| Stddev | .0008240 | .078050  | .0009724 | .028462  | .0003880 | .0009687 |
| %RSD   | .5983587 | .9266455 | 1.047043 | .6045723 | 1.095109 | 87.56558 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1382237 | 8.420045 | .0917722 | 4.724063 | .0355429 | .0003676 |
| #2 | .1381318 | 8.346269 | .0936112 | 4.724422 | .0350033 | .0007481 |
| #3 | .1367528 | 8.502292 | .0932399 | 4.674946 | .0357562 | .0022031 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 213.0082 | .0211794 | .1771881 | 4.802903 | .0599724 | .0048727 |
| Stddev | 2.6455   | .0015543 | .0004451 | .020473  | .0006433 | .0002325 |
| %RSD   | 1.241987 | 7.338862 | .2511811 | .4262692 | 1.072648 | 4.771584 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 214.3041 | .0220129 | .1770694 | 4.801779 | .0606995 | .0051090 |
| #2 | 209.9646 | .0221393 | .1768145 | 4.783014 | .0597404 | .0046442 |
| #3 | 214.7560 | .0193862 | .1776805 | 4.823915 | .0594772 | .0048649 |

Sample Name: O3047-09      Acquired: 6/8/2023 17:09:57      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0022183 | .2143351 | F 15.07960 | F 14.50639 | 4.273242 | -.002219 |
| Stddev | .0004876 | .0017783 | .16296     | .12089     | .018743  | .001956  |
| %RSD   | 21.98159 | .8296931 | 1.080659   | .8333766   | .4386232 | 88.11233 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0026891 | .2142339 | 15.09282 | 14.61131 | 4.285226 | -.000227 |
| #2 | .0017155 | .2126095 | 14.91044 | 14.53368 | 4.282858 | -.004136 |
| #3 | .0022502 | .2161618 | 15.23555 | 14.37419 | 4.251642 | -.002295 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1350378 | Z ***** |
| Stddev | .0001513 | -----   |
| %RSD   | .1120117 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1351720 | Z 2818.377 |
| #2 | .1348739 | Z 2839.510 |
| #3 | .1350674 | Z 2826.666 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3553.711 | 53400.35 | 10530.01 | 3368.884 | 2986.888 |
| Stddev    | 17.910   | 602.72   | 22.68    | 31.997   | 8.675    |
| %RSD      | .5039830 | 1.128685 | .2153845 | .9497883 | .2904500 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3535.062 | 53214.34 | 10503.87 | 3359.603 | 2978.185 |
| #2 | 3555.293 | 54074.15 | 10544.48 | 3404.496 | 2986.942 |
| #3 | 3570.777 | 52912.56 | 10541.67 | 3342.553 | 2995.536 |

Sample Name: O3047-09DUP      Acquired: 6/8/2023 17:13:58      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0041842 | -.000602 | .1783803 | -.004667 | .0035132 | 5.722036 |
| Stddev | .0020441 | .001401  | .0016236 | .004294  | .0025664 | .033721  |
| %RSD   | 48.85358 | 232.5324 | .9101683 | 92.00101 | 73.05047 | .5893167 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0023457 | -.001636 | .1785481 | -.001063 | .0062813 | 5.742236 |
| #2 | .0038213 | .000992  | .1799135 | -.003521 | .0030451 | 5.683108 |
| #3 | .0063854 | -.001164 | .1766794 | -.009418 | .0012130 | 5.740765 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0227209 | .0002405 | .0000364 | 31.32040 | .0214157 | .0038944 |
| Stddev | .0018513 | .0000533 | .0000588 | .27034   | .0002028 | .0001471 |
| %RSD   | 8.148048 | 22.16557 | 161.4652 | .8631333 | .9470721 | 3.778177 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0248527 | .0002205 | .0000069 | 31.51433 | .0216215 | .0038938 |
| #2 | .0215166 | .0002001 | .0001042 | 31.01160 | .0214096 | .0037476 |
| #3 | .0217936 | .0003009 | -.000002 | 31.43528 | .0212160 | .0040418 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1394639 | 8.398959 | .0925117 | 4.698409 | .0353921 | .0011959 |
| Stddev | .0010595 | .022730  | .0011002 | .019337  | .0003875 | .0004489 |
| %RSD   | .7597217 | .2706307 | 1.189272 | .4115617 | 1.094904 | 37.53805 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1404071 | 8.386928 | .0933224 | 4.707900 | .0355360 | .0017074 |
| #2 | .1396671 | 8.425176 | .0912593 | 4.676161 | .0356871 | .0010130 |
| #3 | .1383175 | 8.384773 | .0929534 | 4.711167 | .0349532 | .0008674 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 213.2459 | .0207081 | .1750778 | 4.844535 | .0590238 | .0049263 |
| Stddev | .6596      | .0009599 | .0001095 | .012512  | .0005031 | .0001273 |
| %RSD   | .3093160   | 4.635388 | .0625461 | .2582797 | .8523192 | 2.583723 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 213.1099 | .0209625 | .1749804 | 4.830217 | .0590934 | .0049859 |
| #2 | 213.9629 | .0215152 | .1750566 | 4.853374 | .0584895 | .0050129 |
| #3 | 212.6649 | .0196467 | .1751963 | 4.850013 | .0594884 | .0047802 |

Sample Name: O3047-09DUP      Acquired: 6/8/2023 17:13:58      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0021370 | .2129760 | F 15.10340 | F 14.46802 | 4.298881 | -.001111 |
| Stddev | .0004186 | .0020735 | .03752     | .17483     | .039581  | .000830  |
| %RSD   | 19.58649 | .9735603 | .2484106   | 1.208384   | .9207177 | 74.68706 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0022693 | .2129811 | 15.11762 | 14.60498 | 4.322079 | -.000183 |
| #2 | .0024734 | .2108999 | 15.13173 | 14.52798 | 4.321385 | -.001782 |
| #3 | .0016683 | .2150468 | 15.06085 | 14.27110 | 4.253179 | -.001367 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1347676 | Z ***** |
| Stddev | .0012691 | -----   |
| %RSD   | .9416819 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1355441 | Z 2798.290 |
| #2 | .1333031 | Z 2800.479 |
| #3 | .1354557 | Z 2811.778 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3527.003 | 53430.53 | 10590.50 | 3364.125 | 2972.880 |
| Stddev    | 25.764   | 161.80   | 78.33    | 5.300    | 27.154   |
| %RSD      | .7304660 | .3028151 | .7396623 | .1575391 | .9133773 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3510.209 | 53331.81 | 10529.09 | 3358.203 | 2951.093 |
| #2 | 3514.135 | 53342.53 | 10678.72 | 3365.747 | 2964.246 |
| #3 | 3556.666 | 53617.25 | 10563.70 | 3368.424 | 3003.301 |

Sample Name: O3047-09LX5      Acquired: 6/8/2023 17:18:00      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0005812 | .0006724 | .0346270 | .0025375 | -.004147 | 1.165535 | -.012121 |
| Stddev | .0020546 | .0002413 | .0004123 | .0058052 | .001096  | .057425  | .001167  |
| %RSD   | 353.5216 | 35.88679 | 1.190656 | 228.7789 | 26.41692 | 4.926882 | 9.624983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016658 | .0004012 | .0351006 | .0091126 | -.005067 | 1.130868 | -.013178 |
| #2 | .0018662 | .0007528 | .0343485 | -.001879 | -.002935 | 1.231820 | -.012316 |
| #3 | -.001788 | .0008633 | .0344318 | .000379  | -.004440 | 1.133917 | -.010869 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000416 | -.000058 | 6.425660 | .0039195 | .0007575 | .0285063 | 1.641500 |
| Stddev | .0000517 | .000059  | .205570  | .0000961 | .0000958 | .0003684 | .009096  |
| %RSD   | 124.0481 | 102.1711 | 3.199210 | 2.451177 | 12.64339 | 1.292229 | .5541127 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000016 | -.000011 | 6.279846 | .0040286 | .0006528 | .0281648 | 1.638978 |
| #2 | .000084  | -.000038 | 6.660780 | .0038825 | .0008408 | .0284575 | 1.651591 |
| #3 | .000056  | -.000125 | 6.336355 | .0038474 | .0007788 | .0288966 | 1.633932 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0189392 | .9591518 | .0069186 | .0008301 | 41.37083 | .0036659 | .0347922 |
| Stddev | .0005745 | .0334430 | .0000585 | .0004186 | .47002   | .0011350 | .0002730 |
| %RSD   | 3.033454 | 3.486726 | .8451351 | 50.43019 | 1.136126 | 30.96198 | .7846838 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0183203 | .9328286 | .0068813 | .0007435 | 41.27548 | .0033620 | .0350130 |
| #2 | .0194554 | .9967828 | .0068886 | .0004615 | 41.88123 | .0049219 | .0348767 |
| #3 | .0190420 | .9478440 | .0069860 | .0012852 | 40.95580 | .0027137 | .0344870 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.046564 | .0116984 | .0010764 | .0007706 | .0449978 | 2.918891 | 2.741688 |
| Stddev | .024500  | .0005930 | .0001134 | .0005468 | .0031052 | .032996  | .027341  |
| %RSD   | 2.340995 | 5.069177 | 10.53288 | 70.94910 | 6.900865 | 1.130415 | .9972295 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.052495 | .0110458 | .0009484 | .0011837 | .0430558 | 2.926742 | 2.733630 |
| #2 | 1.067554 | .0122042 | .0011640 | .0009776 | .0485791 | 2.947253 | 2.719280 |
| #3 | 1.019643 | .0118453 | .0011168 | .0001506 | .0433584 | 2.882678 | 2.772152 |

Sample Name: O3047-09LX5      Acquired: 6/8/2023 17:18:00      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .8116512 | -.005809 | .0279308 | z ***** |
| Stddev | .0094019 | .001285  | .0009755 | -----   |
| %RSD   | 1.158372 | 22.12008 | 3.492503 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .8085912 | -.004391 | .0272115 | z 2570.401 |
| #2 | .8041605 | -.006139 | .0290411 | z 2589.079 |
| #3 | .8222020 | -.006896 | .0275397 | z 2604.524 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3583.337 | 54417.75 | 10336.10 | 3382.353 | 3167.029 |
| Stddev    | 27.670   | 123.84   | 266.94   | 14.127   | 22.517   |
| %RSD      | .7721921 | .2275661 | 2.582581 | .4176651 | .7109721 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3594.147 | 54422.08 | 10557.84 | 3370.232 | 3171.391 |
| #2 | 3603.970 | 54291.80 | 10039.81 | 3378.961 | 3187.045 |
| #3 | 3551.893 | 54539.36 | 10410.65 | 3397.868 | 3142.650 |

Sample Name: O3047-09MS      Acquired: 6/8/2023 17:21:58      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .8127451 | 1.916081 | 1.132578 | 1.764431 | .7560405 | 7.946457 |
| Stddev | .0037006 | .007973  | .004094  | .004573  | .0018379 | .044089  |
| %RSD   | .4553159 | .4160869 | .3614860 | .2591904 | .2430889 | .5548205 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8102050 | 1.922347 | 1.133666 | 1.768325 | .7558576 | 7.971766 |
| #2 | .8169909 | 1.918789 | 1.136019 | 1.765575 | .7579630 | 7.895549 |
| #3 | .8110394 | 1.907107 | 1.128050 | 1.759395 | .7543010 | 7.972058 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2034483 | .1786685 | .1939095 | 31.82524 | .4150183 | .1983355 |
| Stddev | .0026382 | .0013510 | .0003870 | .05755   | .0021830 | .0005691 |
| %RSD   | 1.296756 | .7561600 | .1995880 | .1808392 | .5260090 | .2869345 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2055528 | .1793342 | .1943236 | 31.85740 | .4141131 | .1989640 |
| #2 | .2043035 | .1771138 | .1938480 | 31.75879 | .4134334 | .1978549 |
| #3 | .2004885 | .1795575 | .1935569 | 31.85952 | .4175083 | .1981877 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4211884 | F 11.51723 | .2897383 | 6.512260 | .5253678 | .0701904 |
| Stddev | .0007462 | .03371     | .0011443 | .032359  | .0004819 | .0007764 |
| %RSD   | .1771682 | .2926833   | .3949298 | .4968929 | .0917342 | 1.106178 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4217915 | 11.50720 | .2899386 | 6.543545 | .5257362 | .0693242 |
| #2 | .4214199 | 11.48967 | .2885071 | 6.478924 | .5255448 | .0704233 |
| #3 | .4203539 | 11.55481 | .2907691 | 6.514310 | .5248224 | .0708237 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 213.9786 | .3136584 | .3935208 | 15.82909 | .3169663 | .3989100 |
| Stddev | .6856      | .0011729 | .0006710 | .06953   | .0009035 | .0016189 |
| %RSD   | .3204011   | .3739360 | .1705123 | .4392762 | .2850395 | .4058200 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 213.3706 | .3141050 | .3937519 | 15.80939 | .3173232 | .4004562 |
| #2 | 213.8437 | .3123278 | .3927648 | 15.77154 | .3159388 | .3990466 |
| #3 | 214.7217 | .3145423 | .3940457 | 15.90635 | .3176367 | .3972271 |

Sample Name: O3047-09MS      Acquired: 6/8/2023 17:21:58      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .6890563 | .4092848 | F 16.63805 | F 19.52150 | 4.186902 | .1892780 |
| Stddev | .0018493 | .0022462 | .04793     | .03021     | .006493  | .0013408 |
| %RSD   | .2683827 | .5488219 | .2880642   | .1547272   | .1550837 | .7083861 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6893957 | .4113030 | 16.59043 | 19.55592 | 4.182912 | .1885291 |
| #2 | .6907124 | .4068647 | 16.63742 | 19.49942 | 4.194394 | .1884789 |
| #3 | .6870608 | .4096867 | 16.68629 | 19.50916 | 4.183399 | .1908259 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .3343945 | Z ***** |
| Stddev | .0015706 | -----   |
| %RSD   | .4696895 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .3355280 | Z 8106.609 |
| #2 | .3326017 | Z 8074.297 |
| #3 | .3350537 | Z 8132.848 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3563.829 | 53565.47 | 10695.36 | 3341.287 | 3003.880 |
| Stddev    | 6.191    | 140.26   | 57.23    | .236     | 4.851    |
| %RSD      | .1737063 | .2618447 | .5351079 | .0070773 | .1615067 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3564.155 | 53578.37 | 10643.14 | 3341.557 | 3004.543 |
| #2 | 3557.482 | 53698.82 | 10756.54 | 3341.115 | 2998.731 |
| #3 | 3569.851 | 53419.20 | 10686.40 | 3341.190 | 3008.365 |

Sample Name: O3047-09MSD      Acquired: 6/8/2023 17:25:49      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .8150732 | 1.908359 | 1.134737 | 1.778059 | .7599295 | 8.063821 |
| Stddev | .0021259 | .001950  | .002848  | .008526  | .0038508 | .042148  |
| %RSD   | .2608184 | .1022065 | .2509572 | .4794930 | .5067305 | .5226792 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8173666 | 1.906296 | 1.131677 | 1.771054 | .7566871 | 8.108350 |
| #2 | .8146843 | 1.908607 | 1.137309 | 1.775570 | .7589157 | 8.024547 |
| #3 | .8131686 | 1.910174 | 1.135226 | 1.787552 | .7641858 | 8.058567 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2066159 | .1821091 | .1933501 | 32.22223 | .4083686 | .1972181 |
| Stddev | .0028657 | .0004094 | .0004119 | .10888   | .0012777 | .0005403 |
| %RSD   | 1.386991 | .2248172 | .2130141 | .3378974 | .3128768 | .2739665 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2086310 | .1823211 | .1929416 | 32.34795 | .4070697 | .1968927 |
| #2 | .2033353 | .1823691 | .1933436 | 32.15808 | .4084119 | .1969198 |
| #3 | .2078816 | .1816372 | .1937652 | 32.16068 | .4096240 | .1978418 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4205954 | F 11.44017 | .2938743 | 6.594430 | .5232208 | .0689794 |
| Stddev | .0007346 | .05031     | .0009368 | .030773  | .0001805 | .0002028 |
| %RSD   | .1746500 | .4397723   | .3187689 | .4666444 | .0344977 | .2940020 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4198454 | 11.41733 | .2946828 | 6.609921 | .5234291 | .0690916 |
| #2 | .4206273 | 11.40533 | .2928477 | 6.614378 | .5231092 | .0691013 |
| #3 | .4213135 | 11.49785 | .2940922 | 6.558990 | .5231243 | .0687453 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 213.6454 | .3187404 | .3918107 | 15.74463 | .3214038 | .3931356 |
| Stddev | .7728      | .0021175 | .0009573 | .04649   | .0012892 | .0011327 |
| %RSD   | .3617248   | .6643225 | .2443279 | .2952833 | .4011050 | .2881238 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 212.9107 | .3188170 | .3909344 | 15.70554 | .3228734 | .3924336 |
| #2 | 213.5741 | .3165857 | .3916654 | 15.73231 | .3208743 | .3925309 |
| #3 | 214.4514 | .3208186 | .3928324 | 15.79604 | .3204637 | .3944424 |

Sample Name: O3047-09MSD      Acquired: 6/8/2023 17:25:49      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .6871710 | .4151694 | F 16.54644 | F 19.75378 | 4.274178 | .1929126 |
| Stddev | .0014437 | .0035706 | .07358     | .00414     | .003693  | .0021687 |
| %RSD   | .2100876 | .8600416 | .4446841   | .0209489   | .0863928 | 1.124208 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6855588 | .4183600 | 16.49672 | 19.75002 | 4.274462 | .1935023 |
| #2 | .6876099 | .4158357 | 16.51163 | 19.75312 | 4.270351 | .1905100 |
| #3 | .6883442 | .4113126 | 16.63096 | 19.75821 | 4.277720 | .1947255 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .3388922 | Z ***** |
| Stddev | .0010129 | -----   |
| %RSD   | .2988949 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .3400612 | Z 8032.711 |
| #2 | .3383395 | Z 8024.367 |
| #3 | .3382757 | Z 7992.326 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3553.495 | 53790.18 | 10521.43 | 3378.038 | 2978.430 |
| Stddev    | 6.289    | 180.62   | 39.87    | 7.896    | 3.939    |
| %RSD      | .1769895 | .3357934 | .3789033 | .2337460 | .1322368 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3559.165 | 53896.22 | 10475.50 | 3372.528 | 2982.975 |
| #2 | 3554.589 | 53892.69 | 10547.08 | 3387.084 | 2976.300 |
| #3 | 3546.730 | 53581.62 | 10541.71 | 3374.502 | 2976.015 |

Sample Name: O3047-09A      Acquired: 6/8/2023 17:29:39      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .8598368 | 2.060238 | 1.196484 | 1.887144 | .8188681 | 7.845280 |
| Stddev | .0037634 | .005713  | .001000  | .005893  | .0004123 | .047370  |
| %RSD   | .4376917 | .2772852 | .0835427 | .3122596 | .0503524 | .6037979 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8599523 | 2.055078 | 1.197554 | 1.884085 | .8184086 | 7.791081 |
| #2 | .8560169 | 2.066377 | 1.196324 | 1.883409 | .8189897 | 7.865996 |
| #3 | .8635411 | 2.059260 | 1.195574 | 1.893937 | .8192059 | 7.878761 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2228703 | .1955013 | .2064645 | 31.79433 | .4424439 | .2112915 |
| Stddev | .0049026 | .0004456 | .0001575 | .14185   | .0004388 | .0002719 |
| %RSD   | 2.199734 | .2279077 | .0762943 | .4461471 | .0991745 | .1286766 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2178912 | .1953137 | .2062887 | 31.64055 | .4427626 | .2115498 |
| #2 | .2276925 | .1951802 | .2065929 | 31.92006 | .4426256 | .2113171 |
| #3 | .2230271 | .1960100 | .2065120 | 31.82238 | .4419434 | .2110078 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4365577 | F 11.41842 | .3093187 | 6.628946 | .5565702 | .0750005 |
| Stddev | .0005559 | .03580     | .0001129 | .015780  | .0001779 | .0007368 |
| %RSD   | .1273448 | .3135654   | .0365100 | .2380436 | .0319725 | .9824165 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4371391 | 11.43153 | .3092542 | 6.615559 | .5564590 | .0755189 |
| #2 | .4360314 | 11.44582 | .3092528 | 6.624934 | .5567754 | .0753255 |
| #3 | .4365026 | 11.37791 | .3094491 | 6.646344 | .5564761 | .0741571 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 207.5119 | .3424511 | .3686360 | 16.36769 | .3432841 | .4317758 |
| Stddev | .5176      | .0030165 | .0005123 | .06752   | .0002294 | .0013038 |
| %RSD   | .2494174   | .8808565 | .1389680 | .4125424 | .0668155 | .3019685 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 206.9602 | .3399267 | .3692222 | 16.38147 | .3430386 | .4322777 |
| #2 | 207.5887 | .3457917 | .3684117 | 16.42727 | .3433208 | .4302956 |
| #3 | 207.9867 | .3416349 | .3682741 | 16.29435 | .3434929 | .4327540 |

Sample Name: O3047-09A      Acquired: 6/8/2023 17:29:39      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .7341511 | .4190317 | F 15.49725 | F 19.34473 | 4.045032 | .2087010 |
| Stddev | .0014078 | .0032110 | .08070     | .03020     | .004656  | .0014532 |
| %RSD   | .1917643 | .7662839 | .5207061   | .1561338   | .1151110 | .6963221 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7341823 | .4153246 | 15.50097 | 19.31628 | 4.042814 | .2075668 |
| #2 | .7355430 | .4208312 | 15.57602 | 19.37643 | 4.041899 | .2103391 |
| #3 | .7327279 | .4209395 | 15.41476 | 19.34149 | 4.050382 | .2081971 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .3547327 | Z ***** |
| Stddev | .0012716 | -----   |
| %RSD   | .3584717 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .3532679 | Z 8547.398 |
| #2 | .3555537 | Z 8513.105 |
| #3 | .3553764 | Z 8561.863 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3613.786 | 54405.49 | 10545.73 | 3391.651 | 3048.011 |
| Stddev    | 11.667   | 127.53   | 32.11    | 4.422    | 5.552    |
| %RSD      | .3228383 | .2344109 | .3044395 | .1303724 | .1821507 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3600.377 | 54336.55 | 10573.90 | 3389.952 | 3043.771 |
| #2 | 3621.610 | 54327.26 | 10552.52 | 3388.330 | 3045.968 |
| #3 | 3619.371 | 54552.65 | 10510.78 | 3396.670 | 3054.295 |

Sample Name: O3047-12      Acquired: 6/8/2023 17:33:28      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002634 | -.000970 | .0044737 | -.005306 | -.002557 | 5.419993 |
| Stddev | .002595  | .002375  | .0002416 | .007153  | .000530  | .073139  |
| %RSD   | 98.53345 | 244.8969 | 5.399568 | 134.8094 | 20.72416 | 1.349433 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000033  | -.003666 | .0042347 | -.007780 | -.002305 | 5.338515 |
| #2 | -.005152 | -.000054 | .0044685 | .002755  | -.002200 | 5.441487 |
| #3 | -.002783 | .000811  | .0047178 | -.010893 | -.003166 | 5.479977 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1859203 | .0002549 | -.000147 | F 76.95309 | .0209064 | .0187067 |
| Stddev | .0028120 | .0000941 | .000047  | 1.03995    | .0003346 | .0000561 |
| %RSD   | 1.512459 | 36.91449 | 31.66486 | 1.351407   | 1.600721 | .2997733 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1828226 | .0001471 | -.000124 | 75.78458 | .0205772 | .0186538 |
| #2 | .1866265 | .0002969 | -.000116 | 77.29770 | .0212463 | .0187655 |
| #3 | .1883119 | .0003208 | -.000200 | 77.77699 | .0208956 | .0187009 |

|        |          |            |          |            |          |          |
|--------|----------|------------|----------|------------|----------|----------|
| Elem   | Cu2247   | Fe2404     | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      |
| Avg    | -.006022 | F 11.95669 | 1.061825 | F 69.38208 | .0857695 | .0013092 |
| Stddev | .000116  | .06240     | .010557  | .71748     | .0004958 | .0002234 |
| %RSD   | 1.918718 | .5218776   | .9941897 | 1.034104   | .5780187 | 17.06750 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005900 | 11.88533 | 1.049654 | 68.57991 | .0856111 | .0015492 |
| #2 | -.006038 | 12.00104 | 1.067331 | 69.60379 | .0863251 | .0012712 |
| #3 | -.006129 | 11.98369 | 1.068491 | 69.96254 | .0853723 | .0011071 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 231.1221 | .0172865 | .0170963 | 10.20464 | .0347360 | .0037732 |
| Stddev | .8942      | .0030175 | .0001882 | .05168   | .0003453 | .0002982 |
| %RSD   | .3868790   | 17.45588 | 1.100872 | .5064064 | .9940196 | 7.903558 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 232.1251 | .0162452 | .0173042 | 10.14613 | .0349716 | .0036727 |
| #2 | 230.4084 | .0149276 | .0169374 | 10.24405 | .0343397 | .0035383 |
| #3 | 230.8328 | .0206868 | .0170474 | 10.22374 | .0348968 | .0041087 |

Sample Name: O3047-12      Acquired: 6/8/2023 17:33:28      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.000129</b> | <b>.5868756</b> | <b>F 28.00081</b> | <b>1.334866</b> | <b>50.09918</b> | <b>.0102935</b> |
| Stddev | .000537         | .0098342        | .20706            | .002518         | .15525          | .0013150        |
| %RSD   | 415.6596        | 1.675690        | .7394937          | .1886634        | .3098927        | 12.77499        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000404  | .5758213 | 27.76281 | 1.334175 | 50.23838 | .0110318 |
| #2 | -.000122 | .5901528 | 28.09996 | 1.337657 | 50.12742 | .0110734 |
| #3 | -.000670 | .5946528 | 28.13966 | 1.332765 | 49.93175 | .0087753 |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.4223975</b> | <b>z *****</b> |
| Stddev | .0040526        | -----          |
| %RSD   | .9594223        | -----          |

|    |          |                   |
|----|----------|-------------------|
| #1 | .4178395 | <b>z 2917.816</b> |
| #2 | .4237589 | <b>z 2919.308</b> |
| #3 | .4255940 | <b>z 2912.385</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3513.883</b> | <b>52776.31</b> | <b>10445.08</b> | <b>3274.703</b> | <b>2942.745</b> |
| Stddev    | 9.570           | 110.00          | 39.53           | 11.003          | 8.031           |
| %RSD      | .2723499        | .2084349        | .3784344        | .3360017        | .2729129        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3503.356 | 52657.97 | 10485.72 | 3273.495 | 2933.511 |
| #2 | 3522.057 | 52795.50 | 10442.76 | 3264.354 | 2946.615 |
| #3 | 3516.236 | 52875.45 | 10406.77 | 3286.260 | 2948.108 |

Sample Name: CCV05      Acquired: 6/8/2023 17:37:31      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20544      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.788321</b> | <b>4.795073</b> | <b>4.668645</b> | <b>4.526106</b> | <b>4.801944</b> | <b>9.803266</b> | <b>10.27842</b> |
| Stddev | .046105         | .046714         | .045582         | .039769         | .050844         | .011263         | .03002          |
| %RSD   | .9628669        | .9742170        | .9763333        | .8786574        | 1.058828        | .1148898        | .2921072        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.838233 | 4.847825 | 4.717133 | 4.569310 | 4.856653 | 9.793189 | 10.25025 |
| #2 | 4.747324 | 4.758942 | 4.626670 | 4.491027 | 4.756142 | 9.815425 | 10.27501 |
| #3 | 4.779408 | 4.778452 | 4.662134 | 4.517980 | 4.793037 | 9.801185 | 10.31000 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2342971</b> | <b>2.376598</b> | <b>25.09028</b> | <b>.9471283</b> | <b>2.345375</b> | <b>1.195748</b> | <b>4.887085</b> |
| Stddev | .0019617        | .024454         | .03140          | .0014689        | .025930         | .011959         | .052947         |
| %RSD   | .8372563        | 1.028966        | .1251653        | .1550918        | 1.105597        | 1.000165        | 1.083413        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2362847 | 2.403319 | 25.06020 | .9464211 | 2.373422 | 1.208249 | 4.825970 |
| #2 | .2323625 | 2.355331 | 25.12286 | .9461467 | 2.322273 | 1.184416 | 4.919100 |
| #3 | .2342441 | 2.371145 | 25.08777 | .9488171 | 2.340432 | 1.194580 | 4.916185 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.409001</b> | <b>23.60679</b> | <b>2.384714</b> | <b>1.243938</b> | <b>23.91928</b> | <b>2.446993</b> | <b>2.482895</b> |
| Stddev | .001061         | .04967          | .026057         | .003496         | .19486          | .001688         | .009428         |
| %RSD   | .0440335        | .2104024        | 1.092657        | .2810168        | .8146750        | .0689858        | .3796995        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.408700 | 23.55697 | 2.412443 | 1.243167 | 23.69477 | 2.445427 | 2.480885 |
| #2 | 2.410179 | 23.60708 | 2.360736 | 1.240892 | 24.04453 | 2.448781 | 2.474634 |
| #3 | 2.408123 | 23.65631 | 2.380963 | 1.247755 | 24.01853 | 2.446771 | 2.493165 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.56694</b> | <b>4.808724</b> | <b>5.095514</b> | <b>4.922963</b> | <b>4.989183</b> | <b>5.054530</b> | <b>4.634198</b> |
| Stddev | .17556          | .053524         | .051291         | .048026         | .015700         | .054171         | .045081         |
| %RSD   | .7146045        | 1.113060        | 1.006589        | .9755511        | .3146797        | 1.071740        | .9727864        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.36422 | 4.863564 | 5.149875 | 4.974922 | 4.971076 | 4.993173 | 4.683983 |
| #2 | 24.66801 | 4.756621 | 5.047977 | 4.880200 | 4.997476 | 5.074670 | 4.596138 |
| #3 | 24.66858 | 4.805988 | 5.088690 | 4.913766 | 4.998998 | 5.095746 | 4.622473 |

Sample Name: CCV05      Acquired: 6/8/2023 17:37:31      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCV20544      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.555046 | 4.582146 | 4.835643 | z ***** |
| Stddev | .045006  | .007067  | .008700  | -----   |
| %RSD   | .9880569 | .1542334 | .1799218 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.605749 | 4.575581 | 4.829328 | z 2724.820 |
| #2 | 4.519820 | 4.581231 | 4.845567 | z 2732.232 |
| #3 | 4.539569 | 4.589626 | 4.832034 | z 2722.255 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3592.261 | 55033.77 | 10666.62 | 3394.240 | 3097.932 |
| Stddev    | 33.928   | 114.33   | 78.67    | 3.119    | 30.341   |
| %RSD      | .9444696 | .2077464 | .7375163 | .0918932 | .9793954 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3555.736 | 55155.47 | 10575.80 | 3395.069 | 3064.143 |
| #2 | 3622.793 | 54928.60 | 10713.78 | 3396.861 | 3122.846 |
| #3 | 3598.255 | 55017.24 | 10710.26 | 3390.790 | 3106.806 |

Sample Name: CCB05      Acquired: 6/8/2023 17:41:16      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20544      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001572 | -.000548 | -.000688 | -.000015 | -.003196 | .0007637 | -.024017 |
| Stddev | .001055  | .000583  | .000122  | .002739  | .000509  | .0090340 | .001752  |
| %RSD   | 67.12642 | 106.4909 | 17.71276 | 17956.11 | 15.91896 | 1182.963 | 7.296512 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002703 | -.001115 | -.000828 | .001071  | -.003428 | .0072898 | -.022065 |
| #2 | -.001401 | .000051  | -.000631 | -.003130 | -.002613 | .0045483 | -.025454 |
| #3 | -.000613 | -.000579 | -.000606 | .002013  | -.003548 | -.009547 | -.024531 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000002 | -.000040 | -.005443 | -.000222 | -.000116 | -.000148 | -.001882 |
| Stddev | .000024  | .000035  | .002445  | .000193  | .000030  | .000271  | .003395  |
| %RSD   | 1297.130 | 86.29337 | 44.91121 | 87.16163 | 25.85397 | 182.7641 | 180.3954 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000016 | -.000068 | -.007539 | -.000046 | -.000086 | .000070  | -.001467 |
| #2 | -.000016 | -.000001 | -.006034 | -.000191 | -.000115 | -.000064 | .001287  |
| #3 | .000026  | -.000052 | -.002757 | -.000428 | -.000146 | -.000452 | -.005465 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003406 | .0080451 | .0004279 | .0006415 | .0986959 | -.000974 | -.000654 |
| Stddev | .0003051 | .0070689 | .0001706 | .0002382 | .0061640 | .001548  | .000322  |
| %RSD   | 89.59215 | 87.86607 | 39.85350 | 37.12980 | 6.245481 | 159.0043 | 49.15174 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006408 | .0046250 | .0003161 | .0006311 | .0960583 | -.002182 | -.000746 |
| #2 | .0000308 | .0033367 | .0006242 | .0004086 | .1057399 | -.001511 | -.000297 |
| #3 | .0003501 | .0161735 | .0003435 | .0008846 | .0942895 | .000772  | -.000920 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1999421 | .0074908 | .0012502 | .0007816 | .0020580 | .0127760 | .0003280 |
| Stddev | .0017060 | .0010102 | .0003793 | .0007516 | .0013188 | .0040426 | .0024213 |
| %RSD   | .8532448 | 13.48606 | 30.33916 | 96.15949 | 64.08168 | 31.64200 | 738.2768 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1994276 | .0086562 | .0016772 | .0008389 | .0005582 | .0083408 | .0031077 |
| #2 | .2018462 | .0068643 | .0011211 | .0015030 | .0030362 | .0162543 | -.000802 |
| #3 | .1985526 | .0069519 | .0009523 | .0000030 | .0025795 | .0137328 | -.001322 |

Sample Name: CCB05      Acquired: 6/8/2023 17:41:16      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB20544      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003642</b> | <b>-.006018</b> | <b>.0000629</b> | <b>z *****</b> |
| Stddev | .001097         | .001852         | .0000110        | -----          |
| %RSD   | 30.11347        | 30.76832        | 17.48895        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.004481</b> | <b>-.006016</b> | <b>.0000690</b> | <b>z 2503.638</b> |
| #2 | <b>-.002401</b> | <b>-.007871</b> | <b>.0000502</b> | <b>z 2504.992</b> |
| #3 | <b>-.004043</b> | <b>-.004168</b> | <b>.0000695</b> | <b>z 2513.778</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3681.841</b> | <b>56558.28</b> | <b>10585.72</b> | <b>3472.370</b> | <b>3376.398</b> |
| Stddev    | 38.299          | 230.78          | 60.98           | 7.613           | 34.380          |
| %RSD      | 1.040202        | .4080359        | .5760556        | .2192448        | 1.018244        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3666.874</b> | <b>56751.49</b> | <b>10573.71</b> | <b>3471.497</b> | <b>3361.026</b> |
| #2 | <b>3653.286</b> | <b>56620.61</b> | <b>10651.81</b> | <b>3480.381</b> | <b>3352.386</b> |
| #3 | <b>3725.363</b> | <b>56302.74</b> | <b>10531.63</b> | <b>3465.231</b> | <b>3415.782</b> |

Sample Name: O3069-11      Acquired: 6/8/2023 17:45:18      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12059      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0034611</b> | <b>-.025218</b> | <b>.2295796</b> | <b>-.101987</b> | <b>.0008040</b> | <b>157.4413</b> |
| Stddev | .0013839        | .002991         | .0021883        | .001452         | .0022953        | 1.1461          |
| %RSD   | 39.98479        | 11.86131        | .9531983        | 1.423891        | 285.5039        | .7279708        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0050503 | -.024973 | .2294467 | -.101698 | .0014515 | 156.8016 |
| #2 | .0025221 | -.028324 | .2318313 | -.100700 | .0027059 | 156.7578 |
| #3 | .0028108 | -.022357 | .2274607 | -.103561 | -.001746 | 158.7645 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.471089</b> | <b>.0095096</b> | <b>.0109710</b> | <b>87.04564</b> | <b>.4333689</b> | <b>.2409004</b> |
| Stddev | .017360         | .0000939        | .0002304        | .51826          | .0015625        | .0019729        |
| %RSD   | .7025361        | .9878233        | 2.100462        | .5953921        | .3605402        | .8189571        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.453972 | .0096038 | .0111601 | 86.65989 | .4344050 | .2424802 |
| #2 | 2.470614 | .0094159 | .0110386 | 86.84230 | .4341298 | .2415320 |
| #3 | 2.488683 | .0095092 | .0107143 | 87.63474 | .4315717 | .2386891 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.090986</b> | <b>267.3155</b> | <b>15.33617</b> | <b>174.0222</b> | <b>1.298677</b> | <b>.0052673</b> |
| Stddev | .004403         | 1.0714          | .12809          | 1.1975          | .011307         | .0001017        |
| %RSD   | 4.839097        | .4008095        | .8352067        | .6881238        | .8706245        | 1.930888        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.086001 | 266.1533 | 15.29386 | 173.4136 | 1.306768 | .0051954 |
| #2 | -.092615 | 268.2639 | 15.23458 | 173.2512 | 1.303506 | .0052229 |
| #3 | -.094342 | 267.5293 | 15.48006 | 175.4017 | 1.285758 | .0053837 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>76.07127</b> | <b>.4275135</b> | <b>.7331892</b> | <b>47.63301</b> | <b>.1682499</b> | <b>.0001819</b> |
| Stddev | .52820          | .0029676        | .0035388        | .30793          | .0051050        | .0001611        |
| %RSD   | .6943468        | .6941482        | .4826619        | .6464567        | 3.034189        | 88.59062        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 75.70484 | .4252601 | .7344640 | 47.37983 | .1669629 | .0003081 |
| #2 | 76.67673 | .4264045 | .7359140 | 47.97580 | .1738752 | .0002370 |
| #3 | 75.83225 | .4308759 | .7291896 | 47.54340 | .1639115 | .0000004 |

Sample Name: O3069-11      Acquired: 6/8/2023 17:45:18      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12059      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                   |                 |                 |
|--------|-----------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm               | ppm             | ppm             |
| Avg    | <b>-.008546</b> | <b>4.680974</b> | <b>F 156.8232</b> | <b>F 19.61685</b> | <b>7.755627</b> | <b>.1028264</b> |
| Stddev | .000735         | .031797         | 1.0542            | .20929            | .082218         | .0014983        |
| %RSD   | 8.601898        | .6792735        | .6722324          | 1.066901          | 1.060113        | 1.457105        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007717</b> | <b>4.660070</b> | <b>155.8153</b> | <b>19.79403</b> | <b>7.814762</b> | <b>.1012374</b> |
| #2 | <b>-.008803</b> | <b>4.665287</b> | <b>157.9183</b> | <b>19.67060</b> | <b>7.790380</b> | <b>.1030284</b> |
| #3 | <b>-.009118</b> | <b>4.717566</b> | <b>156.7360</b> | <b>19.38593</b> | <b>7.661739</b> | <b>.1042135</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.1423009</b> | <b>Z *****</b> |
| Stddev | .0033963        | -----          |
| %RSD   | 2.386666        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.1416087</b> | <b>Z 6340.746</b> |
| #2 | <b>.1393041</b> | <b>Z 6372.252</b> |
| #3 | <b>.1459899</b> | <b>Z 6357.193</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5093.724</b> | <b>76729.68</b> | <b>15450.91</b> | <b>4828.719</b> | <b>2778.336</b> |
| Stddev    | 24.047          | 236.18          | 109.81          | 20.750          | 22.727          |
| %RSD      | .4720818        | .3078016        | .7106709        | .4297279        | .8180168        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5073.705</b> | <b>76806.54</b> | <b>15445.12</b> | <b>4832.051</b> | <b>2761.051</b> |
| #2 | <b>5087.071</b> | <b>76464.65</b> | <b>15563.50</b> | <b>4806.505</b> | <b>2769.877</b> |
| #3 | <b>5120.396</b> | <b>76917.86</b> | <b>15344.12</b> | <b>4847.602</b> | <b>2804.080</b> |

Sample Name: O3032-05      Acquired: 6/8/2023 17:49:04      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.003525</b> | <b>-.002847</b> | <b>-.000244</b> | <b>-.002590</b> | <b>-.007141</b> | <b>.0586979</b> | <b>.3157227</b> |
| Stddev | .000562         | .001251         | .001592         | .001982         | .000258         | .0044232        | .0016383        |
| %RSD   | 15.94611        | 43.95599        | 651.8466        | 76.52575        | 3.608788        | 7.535491        | .5189166        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003157</b> | <b>-.002695</b> | <b>.000925</b>  | <b>-.004656</b> | <b>-.006870</b> | <b>.0562138</b> | <b>.3173956</b> |
| #2 | <b>-.004172</b> | <b>-.004167</b> | <b>.000400</b>  | <b>-.002409</b> | <b>-.007383</b> | <b>.0560752</b> | <b>.3141212</b> |
| #3 | <b>-.003246</b> | <b>-.001678</b> | <b>-.002057</b> | <b>-.000704</b> | <b>-.007172</b> | <b>.0638047</b> | <b>.3156512</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003406</b> | <b>.0006359</b> | <b>63.63593</b> | <b>.0021454</b> | <b>.0103194</b> | <b>.0116696</b> | <b>.1854410</b> |
| Stddev | .0000332        | .0001207        | .42747          | .0001295        | .0001898        | .0002494        | .0032108        |
| %RSD   | 9.750913        | 18.98817        | .6717374        | 6.034821        | 1.838893        | 2.136998        | 1.731455        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0003112</b> | <b>.0007712</b> | <b>64.12398</b> | <b>.0021789</b> | <b>.0105340</b> | <b>.0118354</b> | <b>.1882369</b> |
| #2 | <b>.0003766</b> | <b>.0005972</b> | <b>63.32800</b> | <b>.0020025</b> | <b>.0102506</b> | <b>.0117905</b> | <b>.1861517</b> |
| #3 | <b>.0003340</b> | <b>.0005392</b> | <b>63.45582</b> | <b>.0022548</b> | <b>.0101737</b> | <b>.0113828</b> | <b>.1819343</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.716256</b> | <b>3.118357</b> | <b>.0078354</b> | <b>.0010497</b> | <b>354.8664</b> | <b>.0006525</b> | <b>.0595021</b> |
| Stddev | .022316         | .032373         | .0001574        | .0006152        | 2.2614          | .0006150        | .0004226        |
| %RSD   | .6004960        | 1.038155        | 2.008398        | 58.60228        | .6372519        | 94.25164        | .7103025        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.742017</b> | <b>3.155728</b> | <b>.0078097</b> | <b>.0017542</b> | <b>352.3288</b> | <b>.0002510</b> | <b>.0597524</b> |
| #2 | <b>3.702846</b> | <b>3.100460</b> | <b>.0080041</b> | <b>.0007765</b> | <b>355.6019</b> | <b>.0003460</b> | <b>.0590141</b> |
| #3 | <b>3.703904</b> | <b>3.098883</b> | <b>.0076925</b> | <b>.0006186</b> | <b>356.6684</b> | <b>.0013605</b> | <b>.0597397</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.503798</b> | <b>.0231242</b> | <b>.0003903</b> | <b>-.000438</b> | <b>.0031450</b> | <b>.7408487</b> | <b>.0085050</b> |
| Stddev | .026169         | .0005900        | .0002278        | .000641         | .0011201        | .0172678        | .0035899        |
| %RSD   | 1.740165        | 2.551325        | 58.36248        | 146.2167        | 35.61562        | 2.330814        | 42.20940        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.510947</b> | <b>.0236729</b> | <b>.0005276</b> | <b>-.000564</b> | <b>.0024895</b> | <b>.7575579</b> | <b>.0124720</b> |
| #2 | <b>1.474798</b> | <b>.0225002</b> | <b>.0005161</b> | <b>.000256</b>  | <b>.0025073</b> | <b>.7230718</b> | <b>.0075629</b> |
| #3 | <b>1.525649</b> | <b>.0231993</b> | <b>.0001274</b> | <b>-.001008</b> | <b>.0044384</b> | <b>.7419164</b> | <b>.0054801</b> |

Sample Name: O3032-05      Acquired: 6/8/2023 17:49:04      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4466824 | -.000423 | .1388574 | z ***** |
| Stddev | .0006668 | .002390  | .0010842 | -----   |
| %RSD   | .1492755 | 564.7145 | .7808213 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4463211 | -.000265 | .1401081 | z 2821.250 |
| #2 | .4474519 | -.002889 | .1382824 | z 2819.289 |
| #3 | .4462743 | .001884  | .1381819 | z 2824.183 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3478.854 | 52000.75 | 10631.28 | 3266.878 | 2886.583 |
| Stddev    | 13.916   | 56.99    | 46.72    | 2.238    | 10.077   |
| %RSD      | .4000302 | .1095906 | .4394431 | .0685207 | .3490867 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3468.767 | 52065.76 | 10577.78 | 3266.502 | 2880.266 |
| #2 | 3473.064 | 51977.06 | 10663.99 | 3264.851 | 2881.278 |
| #3 | 3494.731 | 51959.42 | 10652.08 | 3269.281 | 2898.204 |

Sample Name: O3032-05DUP      Acquired: 6/8/2023 17:53:12      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.003698</b> | <b>-.003087</b> | <b>.0002434</b> | <b>.0003657</b> | <b>-.004775</b> | <b>.0612614</b> | <b>.3007705</b> |
| Stddev | .002473         | .001289         | .0014530        | .0044781        | .001447         | .0093247        | .0015708        |
| %RSD   | 66.88202        | 41.74155        | 597.0013        | 1224.565        | 30.31190        | 15.22118        | .5222577        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000881</b> | <b>-.003419</b> | <b>-.000632</b> | <b>.0022451</b> | <b>-.003367</b> | <b>.0614141</b> | <b>.3020046</b> |
| #2 | <b>-.004700</b> | <b>-.004178</b> | <b>-.000559</b> | <b>.0035978</b> | <b>-.004700</b> | <b>.0705088</b> | <b>.3013046</b> |
| #3 | <b>-.005513</b> | <b>-.001665</b> | <b>.001921</b>  | <b>-.004746</b> | <b>-.006258</b> | <b>.0518613</b> | <b>.2990023</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003459</b> | <b>.0005640</b> | <b>60.96919</b> | <b>.0106833</b> | <b>.0102736</b> | <b>.0115215</b> | <b>.2091861</b> |
| Stddev | .0000510        | .0000271        | .13599          | .0001328        | .0002731        | .0005259        | .0022430        |
| %RSD   | 14.75470        | 4.802811        | .2230464        | 1.243248        | 2.658247        | 4.564974        | 1.072246        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0003068</b> | <b>.0005834</b> | <b>61.12457</b> | <b>.0105403</b> | <b>.0101641</b> | <b>.0109676</b> | <b>.2098406</b> |
| #2 | <b>.0004036</b> | <b>.0005331</b> | <b>60.91114</b> | <b>.0108028</b> | <b>.0100722</b> | <b>.0115825</b> | <b>.2066887</b> |
| #3 | <b>.0003272</b> | <b>.0005756</b> | <b>60.87185</b> | <b>.0107068</b> | <b>.0105844</b> | <b>.0120142</b> | <b>.2110290</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.581649</b> | <b>3.000639</b> | <b>.0143372</b> | <b>.0008266</b> | <b>337.5751</b> | <b>-.000394</b> | <b>.0640731</b> |
| Stddev | .019420         | .019275         | .0001371        | .0003106        | .9615           | .001035         | .0003365        |
| %RSD   | .5422187        | .6423582        | .9564704        | 37.57894        | .2848149        | 262.9545        | .5252474        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.594628</b> | <b>3.019684</b> | <b>.0142305</b> | <b>.0006034</b> | <b>338.6250</b> | <b>-.001102</b> | <b>.0644400</b> |
| #2 | <b>3.590996</b> | <b>3.001090</b> | <b>.0144918</b> | <b>.0011813</b> | <b>337.3630</b> | <b>-.000872</b> | <b>.0637787</b> |
| #3 | <b>3.559322</b> | <b>2.981142</b> | <b>.0142891</b> | <b>.0006950</b> | <b>336.7375</b> | <b>.000794</b>  | <b>.0640006</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.449156</b> | <b>.0222495</b> | <b>.0004012</b> | <b>-.000395</b> | <b>.0030319</b> | <b>.6950979</b> | <b>.0027545</b> |
| Stddev | .017567         | .0011362        | .0001259        | .000135         | .0009027        | .0087158        | .0051873        |
| %RSD   | 1.212208        | 5.106671        | 31.38693        | 34.32333        | 29.77218        | 1.253902        | 188.3191        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.435880</b> | <b>.0215558</b> | <b>.0004735</b> | <b>-.000511</b> | <b>.0020906</b> | <b>.7005519</b> | <b>.0049463</b> |
| #2 | <b>1.442512</b> | <b>.0235607</b> | <b>.0004743</b> | <b>-.000427</b> | <b>.0031148</b> | <b>.6850458</b> | <b>.0064861</b> |
| #3 | <b>1.469076</b> | <b>.0216320</b> | <b>.0002558</b> | <b>-.000246</b> | <b>.0038902</b> | <b>.6996959</b> | <b>-.003169</b> |

Sample Name: O3032-05DUP      Acquired: 6/8/2023 17:53:12      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4245191 | .0009341 | .1333243 | z ***** |
| Stddev | .0060411 | .0035817 | .0005023 | -----   |
| %RSD   | 1.423038 | 383.4484 | .3767288 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4237452 | -.000814 | .1338711 | z 2784.801 |
| #2 | .4189023 | -.001438 | .1332185 | z 2811.252 |
| #3 | .4309098 | .005054  | .1328834 | z 2794.080 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3502.726 | 52765.06 | 10697.39 | 3304.766 | 2920.681 |
| Stddev    | 46.278   | 85.30    | 64.61    | 4.420    | 40.136   |
| %RSD      | 1.321214 | .1616596 | .6039991 | .1337331 | 1.374197 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3530.646 | 52862.22 | 10649.21 | 3301.054 | 2945.600 |
| #2 | 3528.226 | 52702.48 | 10672.16 | 3309.655 | 2942.062 |
| #3 | 3449.307 | 52730.48 | 10770.82 | 3303.589 | 2874.381 |

Sample Name: O3032-05LX5      Acquired: 6/8/2023 17:57:21      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.002786</b> | <b>-.000470</b> | <b>.0003962</b> | <b>.0005060</b> | <b>-.005560</b> | <b>.0127224</b> | <b>.0469684</b> |
| Stddev | .001234         | .002635         | .0023055        | .0052453        | .000717         | .0051104        | .0008065        |
| %RSD   | 44.27593        | 561.1841        | 581.9504        | 1036.584        | 12.90233        | 40.16868        | 1.717226        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003962</b> | <b>.001801</b>  | <b>.0003806</b> | <b>-.004306</b> | <b>-.006378</b> | <b>.0149038</b> | <b>.0478395</b> |
| #2 | <b>-.002895</b> | <b>-.003359</b> | <b>.0027094</b> | <b>.006098</b>  | <b>-.005268</b> | <b>.0068832</b> | <b>.0462475</b> |
| #3 | <b>-.001502</b> | <b>.000149</b>  | <b>-.001901</b> | <b>-.000274</b> | <b>-.005035</b> | <b>.0163800</b> | <b>.0468183</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000524</b> | <b>.0001062</b> | <b>12.87199</b> | <b>.0011755</b> | <b>.0019811</b> | <b>.0026607</b> | <b>.0393902</b> |
| Stddev | .0000273        | .0000349        | .07117          | .0003207        | .0000796        | .0000658        | .0030886        |
| %RSD   | 52.12867        | 32.83360        | .5528735        | 27.28144        | 4.019628        | 2.472032        | 7.841019        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000812</b> | <b>.0001273</b> | <b>12.79119</b> | <b>.0008667</b> | <b>.0020730</b> | <b>.0026294</b> | <b>.0365000</b> |
| #2 | <b>.0000491</b> | <b>.0001253</b> | <b>12.92534</b> | <b>.0015069</b> | <b>.0019320</b> | <b>.0026163</b> | <b>.0390258</b> |
| #3 | <b>.0000269</b> | <b>.0000659</b> | <b>12.89944</b> | <b>.0011529</b> | <b>.0019383</b> | <b>.0027362</b> | <b>.0426448</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7627447</b> | <b>.6497064</b> | <b>.0022892</b> | <b>.0004559</b> | <b>68.54968</b> | <b>-.000322</b> | <b>.0124517</b> |
| Stddev | .0038127        | .0176182        | .0001740        | .0003028        | .49666          | .000346         | .0001016        |
| %RSD   | .4998658        | 2.711726        | 7.599991        | 66.42193        | .7245249        | 107.4738        | .8156451        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7591506</b> | <b>.6293904</b> | <b>.0024899</b> | <b>.0001689</b> | <b>69.06038</b> | <b>-.000721</b> | <b>.0125242</b> |
| #2 | <b>.7667437</b> | <b>.6589436</b> | <b>.0021810</b> | <b>.0004264</b> | <b>68.52029</b> | <b>-.000132</b> | <b>.0123356</b> |
| #3 | <b>.7623397</b> | <b>.6607852</b> | <b>.0021967</b> | <b>.0007725</b> | <b>68.06837</b> | <b>-.000113</b> | <b>.0124952</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4916875</b> | <b>.0048416</b> | <b>.0000737</b> | <b>.0003210</b> | <b>.0017021</b> | <b>.1414350</b> | <b>.0007433</b> |
| Stddev | .0174826        | .0005186        | .0003361        | .0007219        | .0004812        | .0067874        | .0022866        |
| %RSD   | 3.555636        | 10.71092        | 456.1796        | 224.9258        | 28.27203        | 4.798929        | 307.6339        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.4951831</b> | <b>.0053849</b> | <b>-.000243</b> | <b>.0011006</b> | <b>.0020931</b> | <b>.1458644</b> | <b>-.001354</b> |
| #2 | <b>.4727211</b> | <b>.0047881</b> | <b>.000037</b>  | <b>.0001864</b> | <b>.0011647</b> | <b>.1448197</b> | <b>.000403</b>  |
| #3 | <b>.5071582</b> | <b>.0043519</b> | <b>.000427</b>  | <b>-.000324</b> | <b>.0018485</b> | <b>.1336209</b> | <b>.003181</b>  |

Sample Name: O3032-05LX5      Acquired: 6/8/2023 17:57:21      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0830850 | -.003381 | .0282427 | z ***** |
| Stddev | .0029211 | .001831  | .0000109 | -----   |
| %RSD   | 3.515790 | 54.15496 | .0385728 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0828990 | -.005337 | .0282311 | z 2610.624 |
| #2 | .0802614 | -.001708 | .0282528 | z 2629.534 |
| #3 | .0860947 | -.003097 | .0282442 | z 2612.121 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3500.879 | 53435.92 | 10446.04 | 3337.178 | 3051.329 |
| Stddev    | 8.229    | 147.42   | 71.03    | 3.952    | 7.684    |
| %RSD      | .2350461 | .2758869 | .6799316 | .1184205 | .2518085 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3493.014 | 53378.36 | 10524.79 | 3337.179 | 3045.782 |
| #2 | 3509.429 | 53325.95 | 10386.82 | 3333.225 | 3060.099 |
| #3 | 3500.193 | 53603.43 | 10426.52 | 3341.129 | 3048.106 |

Sample Name: O3032-05MS      Acquired: 6/8/2023 18:01:20      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>.8077111</b> | <b>1.904345</b> | <b>.9654535</b> | <b>1.805883</b> | <b>.6899563</b> | <b>2.044540</b> | <b>.4902485</b> |
| Stddev | .0070748        | .013880         | .0101272        | .014528         | .0054025        | .004959         | .0025191        |
| %RSD   | .8759069        | .7288722        | 1.048955        | .8044867        | .7830263        | .2425317        | .5138326        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8151854 | 1.920300 | .9769601 | 1.820540 | .6956963 | 2.043590 | .4873415 |
| #2 | .8068293 | 1.895047 | .9578950 | 1.791488 | .6849705 | 2.040125 | .4917885 |
| #3 | .8011185 | 1.897688 | .9615055 | 1.805622 | .6892022 | 2.049905 | .4916156 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1821973</b> | <b>.1959182</b> | <b>61.50914</b> | <b>.3998909</b> | <b>.2042400</b> | <b>.2943002</b> | <b>3.330184</b> |
| Stddev | .0006161        | .0017585        | .36134          | .0022011        | .0023392        | .0018890        | .038301         |
| %RSD   | .3381355        | .8975509        | .5874529        | .5504246        | 1.145327        | .6418492        | 1.150130        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1824923 | .1979116 | 61.16028 | .3985232 | .2067819 | .2964747 | 3.288624 |
| #2 | .1814892 | .1945870 | 61.48535 | .4024299 | .2021780 | .2933601 | 3.364063 |
| #3 | .1826105 | .1952559 | 61.88178 | .3987195 | .2037599 | .2930657 | 3.337865 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.764177</b> | <b>4.849809</b> | <b>.5016172</b> | <b>.0711450</b> | <b>331.4290</b> | <b>.2984061</b> | <b>.2501801</b> |
| Stddev | .016940         | .018679         | .0044678        | .0007335        | 1.9974          | .0033475        | .0012668        |
| %RSD   | .4500268        | .3851480        | .8906781        | 1.030965        | .6026757        | 1.121780        | .5063605        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.750104 | 4.857214 | .5066705 | .0702992 | 329.8059 | .2996450 | .2488762 |
| #2 | 3.759448 | 4.863651 | .4981911 | .0716052 | 333.6597 | .3009576 | .2514062 |
| #3 | 3.782979 | 4.828563 | .4999899 | .0715307 | 330.8214 | .2946158 | .2502577 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>12.66403</b> | <b>.2859267</b> | <b>.3644609</b> | <b>.6220437</b> | <b>.1779840</b> | <b>1.501227</b> | <b>6.001544</b> |
| Stddev | .09371          | .0033116        | .0027588        | .0042749        | .0025329        | .016823         | .058495         |
| %RSD   | .7399828        | 1.158190        | .7569553        | .6872284        | 1.423118        | 1.120604        | .9746658        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.55897 | .2890627 | .3675408 | .6267099 | .1777637 | 1.481946 | 6.067336 |
| #2 | 12.73902 | .2824639 | .3622162 | .6183163 | .1755684 | 1.512911 | 5.955410 |
| #3 | 12.69409 | .2862536 | .3636258 | .6211048 | .1806199 | 1.508825 | 5.981885 |

Sample Name: O3032-05MS      Acquired: 6/8/2023 18:01:20      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4430035 | .1982689 | .3359666 | Z ***** |
| Stddev | .0069406 | .0011760 | .0017385 | -----   |
| %RSD   | 1.566721 | .5931292 | .5174747 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4505576 | .1969285 | .3345541 | Z 8009.344 |
| #2 | .4369083 | .1991274 | .3354375 | Z 7963.573 |
| #3 | .4415446 | .1987507 | .3379082 | Z 7945.916 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3499.471 | 52909.72 | 10420.08 | 3299.228 | 2915.021 |
| Stddev    | 25.227   | 494.96   | 18.09    | 19.922   | 22.477   |
| %RSD      | .7208938 | .9354893 | .1735992 | .6038417 | .7710712 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3470.727 | 53339.37 | 10438.00 | 3314.861 | 2889.068 |
| #2 | 3509.749 | 52368.49 | 10420.41 | 3276.796 | 2928.193 |
| #3 | 3517.938 | 53021.29 | 10401.83 | 3306.026 | 2927.802 |

Sample Name: O3032-05MSD      Acquired: 6/8/2023 18:05:14      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>.8118004</b> | <b>1.892536</b> | <b>.9644098</b> | <b>1.818858</b> | <b>.6918932</b> | <b>1.982885</b> | <b>.4763836</b> |
| Stddev | .0057497        | .021987         | .0130478        | .025265         | .0087219        | .002616         | .0042597        |
| %RSD   | .7082714        | 1.161761        | 1.352932        | 1.389072        | 1.260580        | .1319430        | .8941810        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8103944 | 1.881699 | .9562918 | 1.804928 | .6864725 | 1.985462 | .4721526 |
| #2 | .8068840 | 1.878072 | .9574771 | 1.803624 | .6872527 | 1.982962 | .4806715 |
| #3 | .8181227 | 1.917838 | .9794606 | 1.848022 | .7019543 | 1.980231 | .4763267 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1740758</b> | <b>.1954633</b> | <b>59.71716</b> | <b>.3930721</b> | <b>.2035024</b> | <b>.2937023</b> | <b>3.326823</b> |
| Stddev | .0015455        | .0028026        | .54616          | .0076981        | .0028241        | .0035575        | .062664         |
| %RSD   | .8878154        | 1.433841        | .9145778        | 1.958437        | 1.387735        | 1.211251        | 1.883604        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1724042 | .1936574 | 59.08812 | .3936388 | .2015536 | .2912935 | 3.329939 |
| #2 | .1743703 | .1940406 | 60.07064 | .3851063 | .2022125 | .2920251 | 3.262659 |
| #3 | .1754528 | .1986920 | 59.99273 | .4004712 | .2067411 | .2977884 | 3.387871 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.647006</b> | <b>4.701880</b> | <b>.5002031</b> | <b>.0695667</b> | <b>327.9000</b> | <b>.2918120</b> | <b>.2482397</b> |
| Stddev | .030033         | .056066         | .0067623        | .0014835        | 8.2676          | .0022804        | .0054008        |
| %RSD   | .8235055        | 1.192410        | 1.351904        | 2.132507        | 2.521367        | .7814473        | 2.175632        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.612762 | 4.641591 | .4952949 | .0698154 | 331.0541 | .2895721 | .2483870 |
| #2 | 3.659386 | 4.752452 | .4973978 | .0679745 | 318.5197 | .2941308 | .2427668 |
| #3 | 3.668870 | 4.711596 | .5079165 | .0709101 | 334.1262 | .2917330 | .2535653 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>12.69161</b> | <b>.2734214</b> | <b>.3613931</b> | <b>.6220937</b> | <b>.1721906</b> | <b>1.508710</b> | <b>6.016423</b> |
| Stddev | .22485          | .0027762        | .0043464        | .0099903        | .0019797        | .036640         | .084905         |
| %RSD   | 1.771664        | 1.015363        | 1.202692        | 1.605907        | 1.149690        | 2.428562        | 1.411214        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.67660 | .2713692 | .3587238 | .6178087 | .1705218 | 1.505404 | 5.965330 |
| #2 | 12.47463 | .2723147 | .3590470 | .6149607 | .1716720 | 1.473834 | 5.969506 |
| #3 | 12.92359 | .2765803 | .3664084 | .6335117 | .1743779 | 1.546890 | 6.114433 |

Sample Name: O3032-05MSD      Acquired: 6/8/2023 18:05:14      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4503662 | .1908748 | .3270346 | z ***** |
| Stddev | .0075454 | .0029522 | .0024226 | -----   |
| %RSD   | 1.675396 | 1.546652 | .7407854 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4431483 | .1878851 | .3242433 | z 7937.887 |
| #2 | .4497490 | .1937880 | .3282714 | z 7920.559 |
| #3 | .4582012 | .1909514 | .3285893 | z 7963.994 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3505.491 | 53769.35 | 10956.60 | 3356.527 | 2913.456 |
| Stddev    | 36.316   | 1024.98  | 75.16    | 60.128   | 31.208   |
| %RSD      | 1.035963 | 1.906249 | .6860188 | 1.791379 | 1.071178 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3527.260 | 53665.45 | 11040.29 | 3352.064 | 2931.751 |
| #2 | 3525.647 | 54842.31 | 10934.67 | 3418.762 | 2931.197 |
| #3 | 3463.568 | 52800.27 | 10894.83 | 3298.755 | 2877.422 |

Sample Name: O3032-05A      Acquired: 6/8/2023 18:09:07      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB12059      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8552074</b> | <b>2.001920</b> | <b>1.015091</b> | <b>1.912942</b> | <b>.8136619</b> | <b>2.123325</b> | <b>.5070964</b> |
| Stddev | .0068395        | .007428         | .008143         | .004936         | .0042797        | .002663         | .0026585        |
| %RSD   | .7997517        | .3710383        | .8022212        | .2580309        | .5259746        | .1254159        | .5242647        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8561817 | 2.006479 | 1.015400 | 1.907560 | .8151796 | 2.124794 | .5100557 |
| #2 | .8615075 | 2.005933 | 1.023076 | 1.917259 | .8169759 | 2.120251 | .5049099 |
| #3 | .8479329 | 1.993349 | 1.006798 | 1.914007 | .8088302 | 2.124930 | .5063235 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1896847</b> | <b>.2058893</b> | <b>62.44136</b> | <b>.4199127</b> | <b>.2133935</b> | <b>.3075358</b> | <b>3.539745</b> |
| Stddev | .0014870        | .0008834        | .18435          | .0004872        | .0011326        | .0014731        | .020645         |
| %RSD   | .7839514        | .4290815        | .2952340        | .1160219        | .5307342        | .4790036        | .5832211        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1879931 | .2059899 | 62.59136 | .4204643 | .2136889 | .3084836 | 3.560126 |
| #2 | .1902750 | .2067181 | 62.23556 | .4197322 | .2143492 | .3082850 | 3.518847 |
| #3 | .1907859 | .2049599 | 62.49717 | .4195414 | .2121426 | .3058386 | 3.540263 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.815275</b> | <b>4.996214</b> | <b>.5248177</b> | <b>.0746739</b> | <b>340.7133</b> | <b>.3142704</b> | <b>.2605624</b> |
| Stddev | .013434         | .019094         | .0018670        | .0008120        | 1.7044          | .0034045        | .0002058        |
| %RSD   | .3521199        | .3821635        | .3557363        | 1.087413        | .5002525        | 1.083315        | .0789971        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.807491 | 5.010940 | .5256129 | .0737824 | 341.8818 | .3107017 | .2603397 |
| #2 | 3.807546 | 4.974641 | .5261553 | .0753713 | 338.7575 | .3146268 | .2606019 |
| #3 | 3.830787 | 5.003062 | .5226847 | .0748680 | 341.5005 | .3174827 | .2607456 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.47484</b> | <b>.2947400</b> | <b>.4225964</b> | <b>.7269710</b> | <b>.2064967</b> | <b>1.643475</b> | <b>6.333414</b> |
| Stddev | .05331          | .0040669        | .0021545        | .0039830        | .0008730        | .011377         | .025675         |
| %RSD   | .3956149        | 1.379821        | .5098158        | .5478908        | .4227607        | .6922327        | .4053869        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.52315 | .2900757 | .4227698 | .7283630 | .2062129 | 1.656607 | 6.348261 |
| #2 | 13.41765 | .2966002 | .4246589 | .7300712 | .2074763 | 1.636607 | 6.348215 |
| #3 | 13.48371 | .2975441 | .4203605 | .7224788 | .2058010 | 1.637212 | 6.303768 |

Sample Name: O3032-05A      Acquired: 6/8/2023 18:09:07      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSAB12059      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4163362 | .2081058 | .3485752 | z ***** |
| Stddev | .0086405 | .0019768 | .0007943 | -----   |
| %RSD   | 2.075363 | .9499021 | .2278696 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4155208 | .2100476 | .3477537 | z 8219.318 |
| #2 | .4253555 | .2081740 | .3486326 | z 8228.343 |
| #3 | .4081323 | .2060957 | .3493392 | z 8219.920 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3532.380 | 53073.99 | 10657.91 | 3328.096 | 2933.088 |
| Stddev    | 15.096   | 158.07   | 61.72    | 4.478    | 15.247   |
| %RSD      | .4273470 | .2978227 | .5791460 | .1345395 | .5198285 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3524.113 | 52985.31 | 10716.85 | 3325.755 | 2925.289 |
| #2 | 3523.224 | 53256.49 | 10663.16 | 3333.258 | 2923.318 |
| #3 | 3549.803 | 52980.18 | 10593.73 | 3325.274 | 2950.657 |

Sample Name: O3051-02      Acquired: 6/8/2023 18:13:00      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: RBR-251580      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172378 | -.023478 | .6749666 | -.100767 | .0068184 | 143.9457 | .5013706 |
| Stddev | .0015270 | .001728  | .0036985 | .003407  | .0015170 | 1.3388   | .0036370 |
| %RSD   | 8.858522 | 7.358740 | .5479564 | 3.381294 | 22.24785 | .9301003 | .7254076 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0170912 | -.023059 | .6773805 | -.097060 | .0085651 | 142.4267 | .4982897 |
| #2 | .0188328 | -.025377 | .6768107 | -.103761 | .0060582 | 144.9539 | .5053826 |
| #3 | .0157894 | -.021998 | .6707086 | -.101481 | .0058318 | 144.4567 | .5004395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062206 | .0044975 | 22.33559 | .4038611 | .1512170 | -.203373 | 295.4132 |
| Stddev | .0001419 | .0005499 | .17433   | .0011316 | .0010072 | .004966  | 1.8394   |
| %RSD   | 2.281709 | 12.22673 | .7805135 | .2801988 | .6660847 | 2.441941 | .6226624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061785 | .0046700 | 22.14361 | .4029281 | .1520446 | -.200815 | 294.4961 |
| #2 | .0063788 | .0049405 | 22.48401 | .4035352 | .1515109 | -.200206 | 294.2126 |
| #3 | .0061045 | .0038821 | 22.37915 | .4051199 | .1500955 | -.209096 | 297.5308 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.146985 | 41.21571 | .2591796 | .0051756 | 5.276933 | .5266558 | 1.085307 |
| Stddev | .049451  | .37390   | .0014441 | .0002858 | .028332  | .0076094 | .002170  |
| %RSD   | .8044718 | .9071851 | .5572007 | 5.521780 | .5369121 | 1.444843 | .1999511 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.091109 | 40.85038 | .2596965 | .0050177 | 5.271363 | .5179374 | 1.084917 |
| #2 | 6.185112 | 41.59763 | .2602942 | .0050036 | 5.251799 | .5319608 | 1.083358 |
| #3 | 6.164733 | 41.19911 | .2575481 | .0055055 | 5.307637 | .5300693 | 1.087646 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.963868 | .1263941 | .0030696 | .0155032 | 6.886215 | 2.635957 | 6.216259 |
| Stddev | .040340  | .0060480 | .0001531 | .0002207 | .055973  | .023836  | .029648  |
| %RSD   | .5792812 | 4.785065 | 4.988448 | 1.423576 | .8128306 | .9042603 | .4769372 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.942885 | .1300128 | .0028935 | .0152981 | 6.821615 | 2.613754 | 6.240790 |
| #2 | 6.938344 | .1194120 | .0031436 | .0157368 | 6.920289 | 2.661145 | 6.224673 |
| #3 | 7.010376 | .1297574 | .0031716 | .0154747 | 6.916740 | 2.632974 | 6.183313 |

Sample Name: O3051-02      Acquired: 6/8/2023 18:13:00      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: RBR-251580      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.426331 | .0193738 | -.140817 | Z ***** |
| Stddev | .008684  | .0012133 | .001932  | -----   |
| %RSD   | .6088385 | 6.262682 | 1.371958 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.425659 | .0195698 | -.141398 | Z 4458.400 |
| #2 | 1.435331 | .0204772 | -.138661 | Z 4479.424 |
| #3 | 1.418002 | .0180744 | -.142392 | Z 4478.385 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4245.896 | 64105.41 | 12643.83 | 4013.868 | 3019.759 |
| Stddev    | 11.802   | 180.89   | 120.73   | 16.369   | 11.186   |
| %RSD      | .2779542 | .2821736 | .9548722 | .4078229 | .3704378 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4241.740 | 64242.68 | 12755.97 | 4013.659 | 3015.785 |
| #2 | 4236.735 | 64173.10 | 12516.03 | 4030.341 | 3011.102 |
| #3 | 4259.214 | 63900.43 | 12659.47 | 3997.604 | 3032.390 |

Sample Name: LR CHECK 1      Acquired: 6/8/2023 18:39:37      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.055833</b> | <b>-.097478</b> | <b>-.038979</b> | <b>-.318538</b> | <b>.0095854</b> | <b>1943.203</b> | <b>-.022173</b> |
| Stddev | .008409         | .005116         | .005928         | .011311         | .0030201        | 55.350          | .001213         |
| %RSD   | 15.06018        | 5.248867        | 15.20801        | 3.551007        | 31.50737        | 2.848414        | 5.468694        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.047392</b> | <b>-.103120</b> | <b>-.039828</b> | <b>-.330322</b> | <b>.0099227</b> | <b>1905.353</b> | <b>-.023504</b> |
| #2 | <b>-.064208</b> | <b>-.093140</b> | <b>-.044437</b> | <b>-.307767</b> | <b>.0124227</b> | <b>1917.527</b> | <b>-.021131</b> |
| #3 | <b>-.055898</b> | <b>-.096172</b> | <b>-.032673</b> | <b>-.317524</b> | <b>.0064108</b> | <b>2006.728</b> | <b>-.021882</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0036321</b> | <b>.0144707</b> | <b>1864.329</b> | <b>.0018885</b> | <b>.0201275</b> | <b>-1.83632</b> | <b>956.4684</b> |
| Stddev | .0001245        | .0008378        | 40.888          | .0001250        | .0008728        | .04281          | 20.4585         |
| %RSD   | 3.428572        | 5.789449        | 2.193184        | 6.616300        | 4.336085        | 2.331548        | 2.138959        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0035688</b> | <b>.0135870</b> | <b>1836.166</b> | <b>.0019306</b> | <b>.0208319</b> | <b>-1.87703</b> | <b>976.4153</b> |
| #2 | <b>.0035519</b> | <b>.0145718</b> | <b>1845.594</b> | <b>.0017479</b> | <b>.0203995</b> | <b>-1.84026</b> | <b>957.4557</b> |
| #3 | <b>.0037756</b> | <b>.0152533</b> | <b>1911.228</b> | <b>.0019869</b> | <b>.0191512</b> | <b>-1.79168</b> | <b>935.5341</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.028473</b> | <b>1711.606</b> | <b>.0206132</b> | <b>.0018846</b> | <b>1673.238</b> | <b>.0120147</b> | <b>-.210243</b> |
| Stddev | .000632         | 39.407          | .0011768        | .0005309        | 51.346          | .0013809        | .003375         |
| %RSD   | 2.220069        | 2.302361        | 5.708928        | 28.16762        | 3.068685        | 11.49307        | 1.605205        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.027747</b> | <b>1681.834</b> | <b>.0196177</b> | <b>.0024197</b> | <b>1726.095</b> | <b>.0106106</b> | <b>-.213562</b> |
| #2 | <b>-.028777</b> | <b>1696.689</b> | <b>.0203099</b> | <b>.0013581</b> | <b>1670.070</b> | <b>.0133711</b> | <b>-.210352</b> |
| #3 | <b>-.028897</b> | <b>1756.294</b> | <b>.0219119</b> | <b>.0018761</b> | <b>1623.549</b> | <b>.0120626</b> | <b>-.206815</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1050.446</b> | <b>.4262292</b> | <b>-.001115</b> | <b>-.072070</b> | <b>-.050238</b> | <b>-.000635</b> | <b>.0663747</b> |
| Stddev | 27.049          | .0440040        | .000623         | .001877         | .003099         | .011440         | .0074003        |
| %RSD   | 2.574966        | 10.32403        | 55.91140        | 2.604279        | 6.169509        | 1800.793        | 11.14930        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1077.082</b> | <b>.4660086</b> | <b>-.001239</b> | <b>-.074227</b> | <b>-.050656</b> | <b>-.009224</b> | <b>.0616788</b> |
| #2 | <b>1051.252</b> | <b>.4337175</b> | <b>-.001667</b> | <b>-.071171</b> | <b>-.046950</b> | <b>.012351</b>  | <b>.0749054</b> |
| #3 | <b>1023.003</b> | <b>.3789615</b> | <b>-.000439</b> | <b>-.070811</b> | <b>-.053107</b> | <b>-.005033</b> | <b>.0625399</b> |

Sample Name: LR CHECK 1      Acquired: 6/8/2023 18:39:37      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.131142</b> | <b>.0231579</b> | <b>-.947692</b> | <b>z *****</b> |
| Stddev | .011387         | .0148606        | .020628         | -----          |
| %RSD   | 8.682633        | 64.17079        | 2.176625        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.138018</b> | <b>.0130551</b> | <b>-.967710</b> | <b>z 5103.988</b> |
| #2 | <b>-.117998</b> | <b>.0161973</b> | <b>-.948861</b> | <b>z 5096.984</b> |
| #3 | <b>-.137409</b> | <b>.0402212</b> | <b>-.926504</b> | <b>z 5091.943</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2948.033</b> | <b>42992.18</b> | <b>10275.50</b> | <b>2638.627</b> | <b>2154.023</b> |
| Stddev    | 10.216          | 1002.08         | 169.57          | 60.315          | 7.298           |
| %RSD      | .3465435        | 2.330851        | 1.650208        | 2.285851        | .3388125        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2939.378 | 42039.31 | 10404.95 | 2581.730 | 2148.046 |
| #2 | 2945.417 | 42900.12 | 10338.01 | 2632.291 | 2151.865 |
| #3 | 2959.302 | 44037.12 | 10083.56 | 2701.860 | 2162.156 |

Sample Name: LR CHECK 2      Acquired: 6/8/2023 19:01:20      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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>-.001508</b> | <b>-.020814</b> | <b>248.8268</b> | <b>-.107303</b> | <b>-.005653</b> | <b>-.276291</b> | <b>100.4511</b> |
| Stddev | .001915         | .003788         | 2.5293          | .000373         | .001091         | .006153         | 3.9554          |
| %RSD   | 126.9439        | 18.20060        | 1.016496        | .3479987        | 19.29206        | 2.227111        | 3.937686        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003554</b> | <b>-.017926</b> | <b>250.6683</b> | <b>-.107333</b> | <b>-.005299</b> | <b>-.283028</b> | <b>97.8369</b>  |
| #2 | <b>-.001213</b> | <b>-.019413</b> | <b>249.8694</b> | <b>-.107661</b> | <b>-.006877</b> | <b>-.274879</b> | <b>98.5147</b>  |
| #3 | <b>.000241</b>  | <b>-.025103</b> | <b>245.9429</b> | <b>-.106916</b> | <b>-.004784</b> | <b>-.270967</b> | <b>105.0017</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0015270</b> | <b>-.006229</b> | <b>.1422858</b> | <b>-.004922</b> | <b>-.021476</b> | <b>253.5131</b> | <b>.0530353</b> |
| Stddev | .0000563        | .000061         | .0087844        | .000276         | .000209         | 3.0910          | .0042340        |
| %RSD   | 3.684724        | .9804726        | 6.173787        | 5.603585        | .9716624        | 1.219280        | 7.983275        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0014709</b> | <b>-.006300</b> | <b>.1485820</b> | <b>-.004710</b> | <b>-.021694</b> | <b>256.2756</b> | <b>.0550509</b> |
| #2 | <b>.0015265</b> | <b>-.006201</b> | <b>.1322504</b> | <b>-.004823</b> | <b>-.021457</b> | <b>254.0890</b> | <b>.0558848</b> |
| #3 | <b>.0015834</b> | <b>-.006188</b> | <b>.1460250</b> | <b>-.005234</b> | <b>-.021278</b> | <b>250.1746</b> | <b>.0481701</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>45.60316</b> | <b>-.036853</b> | <b>49.24277</b> | <b>.0118119</b> | <b>.3659090</b> | <b>-.006931</b> | <b>34.32588</b> |
| Stddev | 1.50129         | .004952         | .53064          | .0002495        | .0105717        | .000838         | .16388          |
| %RSD   | 3.292066        | 13.43806        | 1.077603        | 2.111903        | 2.889159        | 12.08890        | .4774240        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>44.79659</b> | <b>-.032439</b> | <b>49.63039</b> | <b>.0115596</b> | <b>.3574877</b> | <b>-.007827</b> | <b>34.35473</b> |
| #2 | <b>44.67755</b> | <b>-.035911</b> | <b>49.45992</b> | <b>.0120585</b> | <b>.3624664</b> | <b>-.006799</b> | <b>34.47342</b> |
| #3 | <b>47.33533</b> | <b>-.042209</b> | <b>48.63799</b> | <b>.0118175</b> | <b>.3777729</b> | <b>-.006167</b> | <b>34.14949</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3193887</b> | <b>.0007479</b> | <b>-.009014</b> | <b>-.001356</b> | <b>-.042019</b> | <b>-.003405</b> | <b>-1.39079</b> |
| Stddev | .0201395        | .0003483        | .000113         | .001098         | .001570         | .007116         | .01021          |
| %RSD   | 6.305655        | 46.57361        | 1.257785        | 80.98921        | 3.735547        | 208.9869        | .7341057        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3306420</b> | <b>.0006819</b> | <b>-.009120</b> | <b>-.002145</b> | <b>-.041419</b> | <b>-.005412</b> | <b>-1.39769</b> |
| #2 | <b>.3313865</b> | <b>.0004373</b> | <b>-.009028</b> | <b>-.001820</b> | <b>-.040837</b> | <b>.004499</b>  | <b>-1.39561</b> |
| #3 | <b>.2961375</b> | <b>.0011245</b> | <b>-.008895</b> | <b>-.000102</b> | <b>-.043800</b> | <b>-.009301</b> | <b>-1.37906</b> |

Sample Name: LR CHECK 2      Acquired: 6/8/2023 19:01:20      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0005114 | -.007749 | .0015817 | z ***** |
| Stddev | .0118641 | .001608  | .0000599 | -----   |
| %RSD   | 2320.174 | 20.74724 | 3.789569 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0033846 | -.006150 | .0015448 | z 2464.143 |
| #2 | .0106750 | -.007731 | .0015496 | z 2484.531 |
| #3 | -.012526 | -.009365 | .0016509 | z 2500.548 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3569.346 | 57629.80 | 12039.80 | 3389.037 | 3323.145 |
| Stddev    | 36.574   | 238.19   | 349.39   | 12.126   | 34.388   |
| %RSD      | 1.024657 | .4133088 | 2.901973 | .3577924 | 1.034807 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3547.401 | 57823.28 | 12203.75 | 3389.691 | 3300.871 |
| #2 | 3549.071 | 57363.77 | 12277.06 | 3376.597 | 3305.815 |
| #3 | 3611.567 | 57702.34 | 11638.58 | 3400.822 | 3362.751 |

Sample Name: CCV06      Acquired: 6/8/2023 19:05:58      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12055      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.073457 | 5.040784 | 4.860922 | 4.852743 | 5.150167 | 10.07892 | 10.53267 |
| Stddev | .016296  | .009271  | .012831  | .017726  | .006189  | .02181   | .00892   |
| %RSD   | .3212000 | .1839122 | .2639657 | .3652768 | .1201614 | .2164046 | .0846755 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.074011 | 5.044581 | 4.858300 | 4.843431 | 5.147104 | 10.05629 | 10.52286 |
| #2 | 5.056891 | 5.030218 | 4.849605 | 4.841615 | 5.146106 | 10.08066 | 10.54028 |
| #3 | 5.089469 | 5.047554 | 4.874862 | 4.873185 | 5.157289 | 10.09980 | 10.53486 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2275910 | 2.448661 | 24.82188 | .9832361 | 2.439669 | 1.255396 | 5.362673 |
| Stddev | .0005798 | .006987  | .04010   | .0026182 | .006781  | .003638  | .033063  |
| %RSD   | .2547408 | .2853537 | .1615315 | .2662854 | .2779668 | .2897530 | .6165375 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2272278 | 2.447988 | 24.78133 | .9806867 | 2.438128 | 1.253261 | 5.328014 |
| #2 | .2272855 | 2.442035 | 24.82282 | .9859181 | 2.433790 | 1.253330 | 5.366140 |
| #3 | .2282596 | 2.455961 | 24.86150 | .9831035 | 2.447088 | 1.259596 | 5.393866 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.549891 | 23.85290 | 2.466655 | 1.242983 | 25.28176 | 2.529317 | 2.313852 |
| Stddev | .004835  | .05689   | .009397  | .003358  | .05307   | .006821  | .015030  |
| %RSD   | .1896039 | .2384944 | .3809792 | .2701537 | .2099162 | .2696816 | .6495555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.544827 | 23.78861 | 2.464066 | 1.241459 | 25.22050 | 2.522528 | 2.300654 |
| #2 | 2.550390 | 23.89671 | 2.458824 | 1.240657 | 25.31123 | 2.536170 | 2.310693 |
| #3 | 2.554458 | 23.87339 | 2.477076 | 1.246833 | 25.31356 | 2.529252 | 2.330211 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 27.43217 | 4.723018 | 5.173521 | 4.924208 | 5.054470 | 5.109337 | 4.621864 |
| Stddev | .08280   | .013121  | .015097  | .015857  | .007166  | .036448  | .014209  |
| %RSD   | .3018283 | .2778078 | .2918109 | .3220193 | .1417734 | .7133573 | .3074402 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 27.33699 | 4.718138 | 5.168307 | 4.919169 | 5.054130 | 5.067519 | 4.617529 |
| #2 | 27.48757 | 4.713037 | 5.161722 | 4.911482 | 5.047480 | 5.134355 | 4.610327 |
| #3 | 27.47196 | 4.737880 | 5.190533 | 4.941972 | 5.061800 | 5.126136 | 4.637736 |

Sample Name: CCV06      Acquired: 6/8/2023 19:05:58      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSA12055      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.871410 | 4.980781 | 5.291089 | z ***** |
| Stddev | .013363  | .007150  | .026915  | -----   |
| %RSD   | .2743175 | .1435490 | .5086942 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.870497 | 4.972532 | 5.260098 | z 2572.842 |
| #2 | 4.858527 | 4.985204 | 5.308605 | z 2588.590 |
| #3 | 4.885206 | 4.984607 | 5.304564 | z 2583.184 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3687.259 | 56791.80 | 11346.39 | 3442.673 | 3188.148 |
| Stddev    | 8.171    | 60.03    | 15.03    | 9.095    | 8.233    |
| %RSD      | .2216065 | .1056961 | .1324367 | .2641958 | .2582463 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3691.709 | 56813.85 | 11333.24 | 3432.404 | 3190.471 |
| #2 | 3692.239 | 56723.87 | 11343.17 | 3445.897 | 3194.970 |
| #3 | 3677.829 | 56837.69 | 11362.77 | 3449.716 | 3179.003 |

Sample Name: CCB06      Acquired: 6/8/2023 19:09:43      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB12055      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001234</b> | <b>-.001219</b> | <b>-.000358</b> | <b>.0002057</b> | <b>-.006267</b> | <b>-.002813</b> | <b>-.030224</b> |
| Stddev | .002544         | .000621         | .000384         | .0019088        | .000804         | .009260         | .001326         |
| %RSD   | 206.1363        | 50.91430        | 107.2295        | 928.1685        | 12.83032        | 329.1418        | 4.387659        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004097</b> | <b>-.001908</b> | <b>.000054</b>  | <b>-.000386</b> | <b>-.006365</b> | <b>-.006009</b> | <b>-.030116</b> |
| #2 | <b>-.000373</b> | <b>-.001046</b> | <b>-.000706</b> | <b>.002340</b>  | <b>-.007018</b> | <b>.007621</b>  | <b>-.031601</b> |
| #3 | <b>.000768</b>  | <b>-.000703</b> | <b>-.000422</b> | <b>-.001337</b> | <b>-.005418</b> | <b>-.010052</b> | <b>-.028955</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000020</b> | <b>-.000003</b> | <b>-.000727</b> | <b>.0001047</b> | <b>-.000101</b> | <b>.0019199</b> | <b>.0027369</b> |
| Stddev | .000014         | .000049         | .002728         | .0002227        | .000323         | .0005459        | .0010005        |
| %RSD   | 70.70478        | 1731.771        | 375.4433        | 212.8352        | 320.4342        | 28.43295        | 36.55627        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000026</b> | <b>.000012</b>  | <b>-.003440</b> | <b>.0000182</b> | <b>-.000450</b> | <b>.0024702</b> | <b>.0020989</b> |
| #2 | <b>-.000031</b> | <b>.000038</b>  | <b>-.000755</b> | <b>.0003577</b> | <b>-.000039</b> | <b>.0013785</b> | <b>.0022217</b> |
| #3 | <b>-.000004</b> | <b>-.000058</b> | <b>.002015</b>  | <b>-.000062</b> | <b>.000187</b>  | <b>.0019110</b> | <b>.0038900</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001061</b> | <b>.0002056</b> | <b>.0004212</b> | <b>.0005368</b> | <b>.1894363</b> | <b>-.002277</b> | <b>-.000917</b> |
| Stddev | .0001590        | .0030465        | .0000654        | .0002459        | .0096339        | .001620         | .000178         |
| %RSD   | 149.8448        | 1481.598        | 15.52713        | 45.80537        | 5.085586        | 71.12879        | 19.44509        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000050</b> | <b>.0013897</b> | <b>.0004566</b> | <b>.0008048</b> | <b>.1867456</b> | <b>-.003784</b> | <b>-.001123</b> |
| #2 | <b>.0002894</b> | <b>.0024823</b> | <b>.0003457</b> | <b>.0003217</b> | <b>.1814337</b> | <b>-.000564</b> | <b>-.000824</b> |
| #3 | <b>.0000239</b> | <b>-.003255</b> | <b>.0004612</b> | <b>.0004840</b> | <b>.2001295</b> | <b>-.002484</b> | <b>-.000805</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3214477</b> | <b>.0057379</b> | <b>.0012810</b> | <b>.0005346</b> | <b>.0030513</b> | <b>.0082573</b> | <b>.0031938</b> |
| Stddev | .0192161        | .0002882        | .0000627        | .0005372        | .0002198        | .0068383        | .0015397        |
| %RSD   | 5.977988        | 5.022363        | 4.891675        | 100.4707        | 7.204266        | 82.81538        | 48.20900        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3087812</b> | <b>.0058670</b> | <b>.0013279</b> | <b>-.000052</b> | <b>.0032167</b> | <b>.0084295</b> | <b>.0039886</b> |
| #2 | <b>.3435584</b> | <b>.0059390</b> | <b>.0013054</b> | <b>.000654</b>  | <b>.0028019</b> | <b>.0013345</b> | <b>.0041738</b> |
| #3 | <b>.3120035</b> | <b>.0054078</b> | <b>.0012098</b> | <b>.001002</b>  | <b>.0031354</b> | <b>.0150079</b> | <b>.0014192</b> |

Sample Name: CCB06      Acquired: 6/8/2023 19:09:43      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSAB12055      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.002736</b> | <b>-.004546</b> | <b>.0000983</b> | <b>z *****</b> |
| Stddev | .000837         | .000919         | .0000285        | -----          |
| %RSD   | 30.59103        | 20.20462        | 28.97485        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.001796</b> | <b>-.003960</b> | <b>.0000751</b> | <b>z 2350.360</b> |
| #2 | <b>-.003012</b> | <b>-.005605</b> | <b>.0001301</b> | <b>z 2338.980</b> |
| #3 | <b>-.003400</b> | <b>-.004074</b> | <b>.0000896</b> | <b>z 2363.491</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3921.027</b> | <b>60187.44</b> | <b>11815.74</b> | <b>3672.257</b> | <b>3574.179</b> |
| Stddev    | 10.943          | 297.11          | 53.16           | 23.546          | 7.717           |
| %RSD      | .2790728        | .4936413        | .4498914        | .6411990        | .2158990        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3914.628 | 60035.20 | 11754.93 | 3650.589 | 3569.617 |
| #2 | 3914.791 | 60529.82 | 11838.87 | 3697.315 | 3569.832 |
| #3 | 3933.662 | 59997.31 | 11853.41 | 3668.867 | 3583.089 |

Sample Name: O3044-01      Acquired: 6/8/2023 19:13:46      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-0-2.0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1162356 | -.040900 | 4.933507 | -.112890 | .0207320 | 115.7920 | 1.666507 |
| Stddev | .0011640 | .002018  | .030190  | .004041  | .0004955 | .3735    | .003307  |
| %RSD   | 1.001437 | 4.934882 | .6119405 | 3.580001 | 2.389901 | .3225831 | .1984602 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1169879 | -.042681 | 4.902399 | -.116328 | .0204706 | 115.3611 | 1.663858 |
| #2 | .1148948 | -.041311 | 4.935435 | -.108438 | .0213034 | 115.9929 | 1.665449 |
| #3 | .1168241 | -.038707 | 4.962687 | -.113903 | .0204220 | 116.0222 | 1.670214 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082492 | .0119392 | 95.10392 | .3393064 | .3598338 | .5107753 | 314.4238 |
| Stddev | .0000871 | .0003414 | .30136   | .0008339 | .0023823 | .0056697 | 1.0366   |
| %RSD   | 1.055911 | 2.859258 | .3168758 | .2457545 | .6620510 | 1.110014 | .3296699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082319 | .0118676 | 94.77193 | .3402658 | .3576709 | .5056206 | 313.7289 |
| #2 | .0083436 | .0116393 | 95.17959 | .3387562 | .3594433 | .5098572 | 315.6152 |
| #3 | .0081720 | .0123106 | 95.36023 | .3388971 | .3623872 | .5168479 | 313.9271 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.69156 | 224.3980 | 4.422622 | .0081787 | 12.10982 | .5093178 | 2.975961 |
| Stddev | .03945   | .7945    | .029913  | .0001498 | .02943   | .0017849 | .006181  |
| %RSD   | .3374021 | .3540777 | .6763715 | 1.831370 | .2430592 | .3504524 | .2077113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.64700 | 223.5000 | 4.392607 | .0080202 | 12.12726 | .5082830 | 2.983052 |
| #2 | 11.72200 | 224.6846 | 4.422826 | .0081981 | 12.12636 | .5113788 | 2.973121 |
| #3 | 11.70569 | 225.0095 | 4.452433 | .0083179 | 12.07583 | .5082915 | 2.971709 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.87545 | .1564872 | .0126098 | .2706017 | 2.383287 | 4.129410 | 7.922124 |
| Stddev | .02180   | .0051090 | .0001549 | .0024991 | .008558  | .018808  | .055231  |
| %RSD   | .1835927 | 3.264792 | 1.228427 | .9235278 | .3590685 | .4554549 | .6971707 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.85074 | .1555204 | .0124835 | .2683156 | 2.376675 | 4.150622 | 7.866690 |
| #2 | 11.89199 | .1620106 | .0127826 | .2702195 | 2.380232 | 4.114770 | 7.922533 |
| #3 | 11.88362 | .1519308 | .0125632 | .2732698 | 2.392952 | 4.122839 | 7.977149 |

Sample Name: O3044-01      Acquired: 6/8/2023 19:13:46      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-02-0-2.0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.273503 | .0905570 | .0842825 | Z ***** |
| Stddev | .018035  | .0017306 | .0009084 | -----   |
| %RSD   | .7932652 | 1.911098 | 1.077789 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.267405 | .0912932 | .0834891 | Z 4900.568 |
| #2 | 2.259309 | .0885800 | .0840850 | Z 4880.480 |
| #3 | 2.293797 | .0917977 | .0852734 | Z 4889.976 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4485.505 | 68996.22 | 14199.51 | 4213.549 | 2961.490 |
| Stddev    | 27.915   | 148.41   | 34.96    | 7.794    | 19.038   |
| %RSD      | .6223293 | .2151019 | .2461809 | .1849779 | .6428359 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4515.924 | 69033.47 | 14239.04 | 4222.413 | 2981.376 |
| #2 | 4479.529 | 68832.73 | 14186.81 | 4210.467 | 2959.661 |
| #3 | 4461.063 | 69122.45 | 14172.67 | 4207.768 | 2943.433 |

Sample Name: O3044-02      Acquired: 6/8/2023 19:17:34      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-5-7.0      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1256725</b> | <b>-.045392</b> | <b>6.402807</b> | <b>-.125868</b> | <b>.0439323</b> | <b>135.5423</b> |
| Stddev | .0005333        | .001538         | .018736         | .002782         | .0011913        | .8372           |
| %RSD   | .4243738        | 3.387873        | .2926158        | 2.209937        | 2.711648        | .6176335        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1252260 | -.047040 | 6.386856 | -.126953 | .0452971 | 135.9526 |
| #2 | .1255285 | -.043995 | 6.398126 | -.127944 | .0433989 | 136.0951 |
| #3 | .1262630 | -.045141 | 6.423439 | -.122708 | .0431009 | 134.5791 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.330656</b> | <b>.0096179</b> | <b>.0156266</b> | <b>45.79651</b> | <b>.3726227</b> | <b>.3135853</b> |
| Stddev | .006209         | .0001976        | .0001007        | .21943          | .0015195        | .0009784        |
| %RSD   | .4666058        | 2.054462        | .6446412        | .4791504        | .4077874        | .3119987        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.333414 | .0098005 | .0157248 | 45.90645 | .3708984 | .3127278 |
| #2 | 1.335008 | .0096451 | .0155235 | 45.93925 | .3737659 | .3133771 |
| #3 | 1.323546 | .0094081 | .0156316 | 45.54384 | .3732037 | .3146511 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6873678</b> | <b>364.8873</b> | <b>5.776020</b> | <b>186.8173</b> | <b>4.342168</b> | <b>.0085328</b> |
| Stddev | .0022441        | 1.6401          | .034145         | 1.2450          | .013610         | .0002061        |
| %RSD   | .3264825        | .4494936        | .5911432        | .6664070        | .3134316        | 2.415078        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6897615 | 363.1353 | 5.796257 | 187.6157 | 4.329937 | .0087489 |
| #2 | .6853113 | 365.1404 | 5.795205 | 187.4533 | 4.339739 | .0083385 |
| #3 | .6870307 | 366.3862 | 5.736598 | 185.3828 | 4.356829 | .0085111 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>12.67629</b> | <b>.4585087</b> | <b>2.380037</b> | <b>11.98186</b> | <b>.1684514</b> | <b>.0138749</b> |
| Stddev | .03787          | .0025635        | .005986         | .06141          | .0042674        | .0001051        |
| %RSD   | .2987141        | .5590901        | .2515045        | .5124933        | 2.533308        | .7573322        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.63274 | .4588987 | 2.373865 | 11.91737 | .1659954 | .0139812 |
| #2 | 12.70140 | .4608548 | 2.385817 | 11.98857 | .1659798 | .0138724 |
| #3 | 12.69474 | .4557725 | 2.380429 | 12.03963 | .1733789 | .0137711 |

Sample Name: O3044-02      Acquired: 6/8/2023 19:17:34      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-5-7.0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.127001 | 2.397214 | 5.690773 | F 10.50956 | 3.646070 | .0848347 |
| Stddev | .002794  | .014775  | .037267  | .01549     | .011462  | .0012343 |
| %RSD   | .2479036 | .6163216 | .6548617 | .1473772   | .3143762 | 1.455008 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.123787 | 2.407801 | 5.648533 | 10.50408 | 3.635500 | .0841834 |
| #2 | 1.128368 | 2.403505 | 5.704773 | 10.49756 | 3.644455 | .0862583 |
| #3 | 1.128848 | 2.380335 | 5.719012 | 10.52705 | 3.658254 | .0840625 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0389359 | Z ***** |
| Stddev | .0041123 | -----   |
| %RSD   | 10.56167 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0422179 | Z 5075.255 |
| #2 | .0402667 | Z 5091.700 |
| #3 | .0343230 | Z 5094.611 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4905.617 | 75868.53 | 15655.42 | 4624.784 | 3045.219 |
| Stddev    | 3.570    | 99.06    | 127.99   | 1.117    | 6.288    |
| %RSD      | .0727664 | .1305741 | .8175527 | .0241531 | .2064870 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4905.998 | 75951.70 | 15539.13 | 4625.999 | 3049.815 |
| #2 | 4908.981 | 75894.95 | 15634.58 | 4624.550 | 3047.789 |
| #3 | 4901.873 | 75758.93 | 15792.55 | 4623.802 | 3038.053 |

Sample Name: O3044-03      Acquired: 6/8/2023 19:21:19      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-5.0-7.      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0843262 | -.024787 | 3.691779 | -.069048 | .0090072 | 92.11918 | 1.128059 |
| Stddev | .0018849 | .002132  | .020854  | .004726  | .0015764 | 1.00042  | .010193  |
| %RSD   | 2.235199 | 8.600629 | .5648858 | 6.844916 | 17.50187 | 1.086011 | .9036210 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0825383 | -.027010 | 3.673041 | -.073941 | .0078387 | 93.20471 | 1.139299 |
| #2 | .0841453 | -.022760 | 3.688049 | -.068694 | .0083828 | 91.23426 | 1.119414 |
| #3 | .0862950 | -.024592 | 3.714246 | -.064509 | .0108003 | 91.91857 | 1.125464 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064530 | .0074715 | 30.84466 | .2507555 | .1858947 | .4518539 | 212.8794 |
| Stddev | .0000948 | .0000547 | .24662   | .0007256 | .0009389 | .0017689 | 1.4228   |
| %RSD   | 1.469749 | .7319085 | .7995642 | .2893471 | .5050598 | .3914710 | .6683542 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065611 | .0074706 | 31.09952 | .2499177 | .1849203 | .4525540 | 211.4826 |
| #2 | .0063838 | .0074173 | 30.60720 | .2511738 | .1859704 | .4498421 | 212.8288 |
| #3 | .0064140 | .0075267 | 30.82726 | .2511749 | .1867935 | .4531655 | 214.3268 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.646438 | 103.7525 | 2.655867 | .0053880 | 9.456039 | .3646491 | 2.117188 |
| Stddev | .041193  | 1.1065   | .014941  | .0001567 | .051364  | .0051709 | .004418  |
| %RSD   | 1.129673 | 1.066522 | .5625531 | 2.907319 | .5431900 | 1.418048 | .2086922 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.690737 | 104.9764 | 2.641254 | .0054679 | 9.397634 | .3703659 | 2.112413 |
| #2 | 3.609287 | 102.8227 | 2.655232 | .0052075 | 9.476303 | .3602985 | 2.118021 |
| #3 | 3.639289 | 103.4584 | 2.671115 | .0054887 | 9.494181 | .3632829 | 2.121132 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.154451 | .1111228 | .0064145 | .1128716 | 1.886208 | 7.890698 | 5.863842 |
| Stddev | .051694  | .0056294 | .0001175 | .0014404 | .022536  | .017590  | .033917  |
| %RSD   | .5646906 | 5.065948 | 1.832304 | 1.276154 | 1.194779 | .2229224 | .5784098 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.095511 | .1046321 | .0062884 | .1114018 | 1.910855 | 7.872513 | 5.824729 |
| #2 | 9.175745 | .1140625 | .0064339 | .1129323 | 1.866654 | 7.891955 | 5.881678 |
| #3 | 9.192098 | .1146738 | .0065210 | .1142807 | 1.881116 | 7.907626 | 5.885120 |

Sample Name: O3044-03      Acquired: 6/8/2023 19:21:19      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-02-5.0-7.      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.666127 | .0614221 | .1045295 | z ***** |
| Stddev | .031187  | .0023859 | .0048162 | -----   |
| %RSD   | 1.169747 | 3.884454 | 4.607545 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.638742 | .0620634 | .1100615 | z 4251.099 |
| #2 | 2.659568 | .0634218 | .1012699 | z 4233.459 |
| #3 | 2.700072 | .0587811 | .1022571 | z 4238.691 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4467.931 | 69050.04 | 14245.45 | 4246.096 | 3084.847 |
| Stddev    | 13.806   | 318.35   | 162.03   | 4.065    | 12.098   |
| %RSD      | .3090081 | .4610385 | 1.137411 | .0957401 | .3921857 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4474.883 | 69417.62 | 14060.99 | 4248.876 | 3097.256 |
| #2 | 4476.880 | 68868.50 | 14364.79 | 4241.431 | 3084.200 |
| #3 | 4452.031 | 68863.99 | 14310.56 | 4247.982 | 3073.085 |

Sample Name: PB153241BL      Acquired: 6/8/2023 19:25:06      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PB153241BL      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000309 | -.001861 | -.000609 | .0025486 | -.005599 | .0080376 | -.031737 |
| Stddev | .001623  | .000906  | .000443  | .0013438 | .000787  | .0029392 | .001348  |
| %RSD   | 525.5618 | 48.68077 | 72.69535 | 52.72614 | 14.05336 | 36.56857 | 4.246139 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000543  | -.002776 | -.000824 | .0021948 | -.006507 | .0095581 | -.033200 |
| #2 | .000711  | -.000965 | -.000904 | .0040338 | -.005118 | .0099051 | -.031465 |
| #3 | -.002180 | -.001843 | -.000100 | .0014170 | -.005172 | .0046496 | -.030547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000018 | .0000090 | -.000785 | -.000067 | -.000129 | .0008936 | .0132855 |
| Stddev | .000039  | .0000369 | .002803  | .000160  | .000080  | .0003768 | .0061494 |
| %RSD   | 209.7707 | 408.2827 | 357.0548 | 237.6656 | 61.58665 | 42.16564 | 46.28645 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000024  | .0000485 | -.001441 | -.000063 | -.000210 | .0005384 | .0199204 |
| #2 | -.000027 | -.000025 | -.003201 | -.000229 | -.000051 | .0008537 | .0121585 |
| #3 | -.000052 | .000003  | .002288  | .000090  | -.000127 | .0012887 | .0077776 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002789 | .0108065 | .0005674 | .0005661 | .1369727 | -.002917 | -.000493 |
| Stddev | .0001282 | .0129422 | .0001798 | .0002013 | .0047908 | .002150  | .000334  |
| %RSD   | 45.98282 | 119.7633 | 31.68959 | 35.54753 | 3.497610 | 73.71114 | 67.75833 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001878 | .0191310 | .0004201 | .0007851 | .1347333 | -.001808 | -.000194 |
| #2 | .0002233 | .0173926 | .0007678 | .0003892 | .1337117 | -.001547 | -.000854 |
| #3 | .0004255 | -.004104 | .0005144 | .0005242 | .1424731 | -.005394 | -.000431 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2928636 | -.001284 | .0000157 | .0003702 | .0030290 | .0002627 | .0029899 |
| Stddev | .0112138 | .000640  | .0001744 | .0003135 | .0007573 | .0039121 | .0012557 |
| %RSD   | 3.829003 | 49.85955 | 1111.038 | 84.66375 | 25.00329 | 1489.064 | 41.99676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3056162 | -.000962 | -.000083 | .0003904 | .0038584 | -.000583 | .0042217 |
| #2 | .2845437 | -.000868 | .000217  | .0000472 | .0028543 | .004529  | .0030365 |
| #3 | .2884310 | -.002021 | -.000087 | .0006731 | .0023742 | -.003157 | .0017116 |

Sample Name: PB153241BL      Acquired: 6/8/2023 19:25:06      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PB153241BL      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003415</b> | <b>-.008485</b> | <b>.0000801</b> | <b>z *****</b> |
| Stddev | .002734         | .001914         | .0000417        | -----          |
| %RSD   | 80.05414        | 22.56124        | 52.12068        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.004423</b> | <b>-.007777</b> | <b>.0000855</b> | <b>z 2370.490</b> |
| #2 | <b>-.005502</b> | <b>-.007026</b> | <b>.0000359</b> | <b>z 2371.555</b> |
| #3 | <b>-.000320</b> | <b>-.010653</b> | <b>.0001189</b> | <b>z 2370.815</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3789.786</b> | <b>59425.12</b> | <b>11693.09</b> | <b>3644.559</b> | <b>3437.350</b> |
| Stddev    | 36.118          | 111.42          | 26.79           | 17.157          | 29.219          |
| %RSD      | .9530297        | .1874937        | .2290716        | .4707578        | .8500563        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3753.993</b> | <b>59524.44</b> | <b>11682.81</b> | <b>3661.476</b> | <b>3409.414</b> |
| #2 | <b>3826.220</b> | <b>59304.64</b> | <b>11723.49</b> | <b>3627.171</b> | <b>3467.703</b> |
| #3 | <b>3789.145</b> | <b>59446.27</b> | <b>11672.97</b> | <b>3645.028</b> | <b>3434.933</b> |

Sample Name: PB153241BS      Acquired: 6/8/2023 19:29:08      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PB153241BS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8653874 | 2.100019 | 1.013575 | 2.038802 | .8398957 | 2.102133 | .1719439 |
| Stddev | .0212448 | .038810  | .020303  | .050536  | .0201615 | .012508  | .0012027 |
| %RSD   | 2.454942 | 1.848093 | 2.003124 | 2.478711 | 2.400478 | .5950004 | .6994784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8418055 | 2.058776 | .991349  | 1.983539 | .8175620 | 2.090542 | .1711795 |
| #2 | .8830316 | 2.135823 | 1.031147 | 2.082662 | .8567540 | 2.115390 | .1733303 |
| #3 | .8713249 | 2.105456 | 1.018229 | 2.050206 | .8453711 | 2.100467 | .1713221 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1934986 | .2022423 | 1.007963 | .4121210 | .2014974 | .3251355 | 3.302064 |
| Stddev | .0005994 | .0042787 | .004010  | .0098685 | .0045482 | .0075671 | .088833  |
| %RSD   | .3097725 | 2.115644 | .3978411 | 2.394565 | 2.257208 | 2.327378 | 2.690241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1928871 | .1974992 | 1.003465 | .4071758 | .1964025 | .3166867 | 3.258728 |
| #2 | .1935237 | .2058116 | 1.009262 | .4234844 | .2051483 | .3312897 | 3.404249 |
| #3 | .1940851 | .2034162 | 1.011163 | .4057028 | .2029415 | .3274302 | 3.243216 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2178065 | 2.021775 | .5137692 | .0757563 | 3.132005 | .3141101 | .1925855 |
| Stddev | .0014751 | .021003  | .0118542 | .0020213 | .090519  | .0035481 | .0042616 |
| %RSD   | .6772733 | 1.038835 | 2.307292 | 2.668116 | 2.890142 | 1.129587 | 2.212816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2162491 | 2.000798 | .5005643 | .0750343 | 3.089236 | .3110563 | .1908787 |
| #2 | .2179876 | 2.021723 | .5234932 | .0780394 | 3.235984 | .3180024 | .1974360 |
| #3 | .2191827 | 2.042804 | .5172502 | .0741951 | 3.070796 | .3132717 | .1894420 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.09282 | .2976590 | .4292263 | .6993237 | .2094157 | .8982588 | 5.523929 |
| Stddev | .31528   | .0013720 | .0097348 | .0144008 | .0018966 | .0314651 | .122013  |
| %RSD   | 2.842161 | .4609411 | 2.267976 | 2.059242 | .9056578 | 3.502899 | 2.208811 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.92957 | .2966799 | .4186331 | .6840706 | .2078935 | .8860888 | 5.389887 |
| #2 | 11.45625 | .2970698 | .4377793 | .7126852 | .2115403 | .9339912 | 5.628523 |
| #3 | 10.89265 | .2992272 | .4312666 | .7012152 | .2088132 | .8746963 | 5.553379 |

Sample Name: PB153241BS      Acquired: 6/8/2023 19:29:08      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PB153241BS      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.004958</b> | <b>.1965455</b> | <b>.2238964</b> | <b>Z *****</b> |
| Stddev | .004074         | .0010957        | .0016747        | -----          |
| %RSD   | 82.17776        | .5574731        | .7479723        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000979</b> | <b>.1970976</b> | <b>.2219649</b> | <b>Z 8818.821</b> |
| #2 | <b>-.009121</b> | <b>.1972553</b> | <b>.2247810</b> | <b>Z 8829.084</b> |
| #3 | <b>-.004774</b> | <b>.1952836</b> | <b>.2249433</b> | <b>Z 8805.539</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3777.608</b> | <b>59017.64</b> | <b>11357.04</b> | <b>3592.586</b> | <b>3410.272</b> |
| Stddev    | 76.909          | 1366.82         | 45.91           | 74.885          | 65.583          |
| %RSD      | 2.035909        | 2.315958        | .4042790        | 2.084444        | 1.923116        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3861.742</b> | <b>59583.91</b> | <b>11404.96</b> | <b>3620.786</b> | <b>3482.540</b> |
| #2 | <b>3710.922</b> | <b>57458.69</b> | <b>11352.72</b> | <b>3507.694</b> | <b>3354.537</b> |
| #3 | <b>3760.162</b> | <b>60010.33</b> | <b>11313.43</b> | <b>3649.276</b> | <b>3393.740</b> |

Sample Name: O3047-01      Acquired: 6/8/2023 19:32:51      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB32A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0017758</b> | <b>-.035933</b> | <b>.5244779</b> | <b>-.219841</b> | <b>.0281524</b> | <b>387.5731</b> |
| Stddev | .0027506        | .002650         | .0045407        | .001822         | .0059929        | 3.9152          |
| %RSD   | 154.8928        | 7.375654        | .8657464        | .8289952        | 21.28737        | 1.010185        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0018410 | -.033268 | .5296208 | -.219514 | .0346795 | 383.3374 |
| #2 | .0044931 | -.035962 | .5227900 | -.221804 | .0228983 | 388.3223 |
| #3 | -.001007 | -.038568 | .5210230 | -.218204 | .0268794 | 391.0596 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.292639</b> | <b>.0159688</b> | <b>.0112473</b> | <b>56.99745</b> | <b>.8176754</b> | <b>.2675135</b> |
| Stddev | .040625         | .0002111        | .0011601        | .64055          | .0019572        | .0029248        |
| %RSD   | 1.233811        | 1.322178        | 10.31471        | 1.123815        | .2393580        | 1.093332        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.252066 | .0157311 | .0125789 | 56.29548 | .8192534 | .2708306 |
| #2 | 3.333315 | .0160405 | .0107083 | 57.55024 | .8154854 | .2653053 |
| #3 | 3.292536 | .0161347 | .0104547 | 57.14662 | .8182876 | .2664046 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.866686</b> | <b>621.1102</b> | <b>7.048900</b> | <b>142.4225</b> | <b>.8281264</b> | <b>.0072483</b> |
| Stddev | .011693         | 4.7356          | .056265         | 1.4436          | .0048413        | .0004094        |
| %RSD   | 1.349165        | .7624445        | .7982028        | 1.013598        | .5846120        | 5.648220        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.853602 | 615.9946 | 6.986413 | 140.7986 | .8335930 | .0067922 |
| #2 | -.870339 | 621.9949 | 7.095545 | 143.5603 | .8243806 | .0075839 |
| #3 | -.876116 | 625.3410 | 7.064744 | 142.9085 | .8264054 | .0073690 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.973189</b> | <b>1.096274</b> | <b>1.255677</b> | <b>33.16577</b> | <b>.2619836</b> | <b>.0187927</b> |
| Stddev | .006444         | .016441         | .002707         | .07595          | .0045410        | .0001815        |
| %RSD   | .1078744        | 1.499684        | .2155780        | .2289948        | 1.733300        | .9655999        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.969116 | 1.077725 | 1.258798 | 33.25234 | .2579219 | .0188631 |
| #2 | 5.980618 | 1.109048 | 1.254253 | 33.13466 | .2611426 | .0189284 |
| #3 | 5.969832 | 1.102049 | 1.253979 | 33.11032 | .2668863 | .0185866 |

Sample Name: O3047-01      Acquired: 6/8/2023 19:32:51      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB32A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                   |                 |                 |
|--------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361            | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>.0295133</b> | <b>F 23.26049</b> | <b>7.867196</b> | <b>F 20.60396</b> | <b>4.144854</b> | <b>.2269951</b> |
| Stddev | .0006864        | .27154            | .024535         | .16592            | .035283         | .0037600        |
| %RSD   | 2.325864        | 1.167397          | .3118696        | .8052619          | .8512599        | 1.656441        |
| #1     | .0300768        | 22.96887          | 7.841512        | 20.79284          | 4.185595        | .2235918        |
| #2     | .0297143        | 23.50607          | 7.890393        | 20.48173          | 4.124704        | .2310315        |
| #3     | .0287488        | 23.30654          | 7.869683        | 20.53731          | 4.124264        | .2263622        |

|        |                 |                   |
|--------|-----------------|-------------------|
| Elem   | Sr4077          | Ce4040            |
| Units  | ppm             | Cts/S             |
| Avg    | <b>-.235324</b> | <b>Z *****</b>    |
| Stddev | .002980         | -----             |
| %RSD   | 1.266435        | -----             |
| #1     | <b>-.233361</b> | <b>Z 4782.112</b> |
| #2     | <b>-.233858</b> | <b>Z 4770.430</b> |
| #3     | <b>-.238753</b> | <b>Z 4775.075</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4388.115</b> | <b>67118.99</b> | <b>14248.50</b> | <b>4159.759</b> | <b>2918.326</b> |
| Stddev    | 33.165          | 26.75           | 113.51          | 8.523           | 24.345          |
| %RSD      | .7557999        | .0398616        | .7966517        | .2048840        | .8342193        |
| #1        | 4350.127        | 67116.49        | 14377.92        | 4153.940        | 2891.364        |
| #2        | 4411.302        | 67146.90        | 14165.81        | 4155.794        | 2938.698        |
| #3        | 4402.917        | 67093.57        | 14201.78        | 4169.541        | 2924.915        |

Sample Name: O3047-02      Acquired: 6/8/2023 19:36:53      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB32B      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.007376</b> | <b>-.050849</b> | <b>.2200874</b> | <b>-.336402</b> | <b>.0462072</b> | <b>559.7791</b> |
| Stddev | .000473         | .005464         | .0039606        | .003806         | .0038958        | 6.3906          |
| %RSD   | 6.411525        | 10.74470        | 1.799543        | 1.131268        | 8.431174        | 1.141628        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007512</b> | <b>-.046520</b> | <b>.2157029</b> | <b>-.339875</b> | <b>.0421335</b> | <b>552.4193</b> |
| #2 | <b>-.006850</b> | <b>-.056987</b> | <b>.2234058</b> | <b>-.336998</b> | <b>.0498967</b> | <b>563.9226</b> |
| #3 | <b>-.007766</b> | <b>-.049039</b> | <b>.2211533</b> | <b>-.332334</b> | <b>.0465914</b> | <b>562.9953</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.934739</b> | <b>.0207917</b> | <b>.0217448</b> | <b>59.40228</b> | <b>1.282722</b> | <b>.3574982</b> |
| Stddev | .008505         | .0000770        | .0002640        | .15597          | .001081         | .0017215        |
| %RSD   | .1723405        | .3703935        | 1.214260        | .2625591        | .0843030        | .4815414        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4.938192</b> | <b>.0207551</b> | <b>.0216098</b> | <b>59.32088</b> | <b>1.281729</b> | <b>.3555178</b> |
| #2 | <b>4.925051</b> | <b>.0208802</b> | <b>.0215756</b> | <b>59.30386</b> | <b>1.283874</b> | <b>.3583399</b> |
| #3 | <b>4.940973</b> | <b>.0207398</b> | <b>.0220491</b> | <b>59.58211</b> | <b>1.282562</b> | <b>.3586368</b> |

|        |                   |                   |                 |                 |                 |                 |
|--------|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247            | Fe2404            | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm               | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F -1.33258</b> | <b>F 907.8318</b> | <b>7.912733</b> | <b>209.7974</b> | <b>1.239064</b> | <b>.0037764</b> |
| Stddev | .00328            | 1.6548            | .036160         | .7967           | .004807         | .0005351        |
| %RSD   | .2465036          | .1822757          | .4569845        | .3797505        | .3879908        | 14.17044        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-1.33100</b> | <b>906.2976</b> | <b>7.875101</b> | <b>209.1943</b> | <b>1.234766</b> | <b>.0040839</b> |
| #2 | <b>-1.33635</b> | <b>909.5853</b> | <b>7.915882</b> | <b>209.4973</b> | <b>1.238169</b> | <b>.0031585</b> |
| #3 | <b>-1.33038</b> | <b>907.6124</b> | <b>7.947215</b> | <b>210.7005</b> | <b>1.244256</b> | <b>.0040867</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.517077</b> | <b>1.562967</b> | <b>1.533639</b> | <b>58.72599</b> | <b>.3311176</b> | <b>.0188055</b> |
| Stddev | .038008         | .003882         | .001098         | .29449          | .0070991        | .0002788        |
| %RSD   | .3993635        | .2483897        | .0716200        | .5014591        | 2.143982        | 1.482490        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>9.500313</b> | <b>1.561060</b> | <b>1.533041</b> | <b>58.46393</b> | <b>.3267078</b> | <b>.0190664</b> |
| #2 | <b>9.560585</b> | <b>1.560407</b> | <b>1.532968</b> | <b>59.04468</b> | <b>.3393069</b> | <b>.0188384</b> |
| #3 | <b>9.490334</b> | <b>1.567434</b> | <b>1.534906</b> | <b>58.66936</b> | <b>.3273383</b> | <b>.0185117</b> |

Sample Name: O3047-02      Acquired: 6/8/2023 19:36:53      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB32B      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |            |          |          |
|--------|----------|------------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0386899 | F 37.97329 | 4.736277 | F 24.32055 | 7.074596 | .1966530 |
| Stddev | .0018118 | .55047     | .020997  | .07455     | .023897  | .0027903 |
| %RSD   | 4.682898 | 1.449625   | .4433251 | .3065388   | .3377866 | 1.418904 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0397201 | 38.40328 | 4.721936 | 24.27084 | 7.067665 | .1994015 |
| #2 | .0365979 | 37.35290 | 4.760378 | 24.28453 | 7.054930 | .1938227 |
| #3 | .0397517 | 38.16369 | 4.726518 | 24.40627 | 7.101192 | .1967349 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | -.424813 | Z ***** |
| Stddev | .002019  | -----   |
| %RSD   | .4752675 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.425607 | Z 5690.895 |
| #2 | -.426315 | Z 5700.410 |
| #3 | -.422518 | Z 5700.549 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4440.699 | 67932.42 | 14689.45 | 4197.636 | 2878.511 |
| Stddev    | 11.263   | 54.69    | 60.20    | 11.480   | 9.023    |
| %RSD      | .2536208 | .0805035 | .4098288 | .2734807 | .3134579 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4450.733 | 67925.87 | 14701.59 | 4184.405 | 2884.547 |
| #2 | 4442.846 | 67881.30 | 14742.65 | 4203.559 | 2882.847 |
| #3 | 4428.517 | 67990.09 | 14624.10 | 4204.945 | 2868.139 |

Sample Name: O3047-04      Acquired: 6/8/2023 19:40:57      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB33A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0357456</b> | <b>-.018261</b> | <b>1.289489</b> | <b>-.088224</b> | <b>.0051989</b> | <b>162.1151</b> | <b>1.107436</b> |
| Stddev | .0023982        | .002730         | .003639         | .003530         | .0008357        | .7465           | .004080         |
| %RSD   | 6.709186        | 14.94905        | .2822401        | 4.000680        | 16.07439        | .4605025        | .3684498        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0343635 | -.015874 | 1.291264 | -.092000 | .0042696 | 161.4628 | 1.102727 |
| #2 | .0385149 | -.017672 | 1.285303 | -.085007 | .0058887 | 161.9532 | 1.109935 |
| #3 | .0343585 | -.021237 | 1.291901 | -.087667 | .0054385 | 162.9293 | 1.109645 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0075886</b> | <b>.0057497</b> | <b>22.71570</b> | <b>.3412408</b> | <b>.1668224</b> | <b>-.101347</b> | <b>270.8369</b> |
| Stddev | .0000502        | .0003786        | .06148          | .0019586        | .0006380        | .005322         | 2.7014          |
| %RSD   | .6617622        | 6.583811        | .2706660        | .5739633        | .3824449        | 5.251716        | .9974167        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076116 | .0060450 | 22.64625 | .3392135 | .1661261 | -.095268 | 267.7674 |
| #2 | .0076231 | .0053229 | 22.73762 | .3431226 | .1673790 | -.105170 | 272.8526 |
| #3 | .0075310 | .0058812 | 22.76321 | .3413864 | .1669620 | -.103604 | 271.8906 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.380323</b> | <b>50.41864</b> | <b>.5357330</b> | <b>.0051726</b> | <b>4.612731</b> | <b>.4305253</b> | <b>.9829199</b> |
| Stddev | .028523         | .22739          | .0004703        | .0001412        | .030479         | .0028039        | .0073872        |
| %RSD   | .5301284        | .4510049        | .0877863        | 2.729596        | .6607603        | .6512750        | .7515619        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.355608 | 50.26326 | .5355600 | .0050416 | 4.579078 | .4283563 | .9743958 |
| #2 | 5.373826 | 50.31303 | .5353737 | .0051541 | 4.638479 | .4295282 | .9874580 |
| #3 | 5.411533 | 50.67963 | .5362653 | .0053222 | 4.620636 | .4336915 | .9869060 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>29.92603</b> | <b>.1241862</b> | <b>.0054704</b> | <b>.0369698</b> | <b>7.780661</b> | <b>7.488470</b> | <b>7.259347</b> |
| Stddev | .30352          | .0042937        | .0000131        | .0017703        | .029248         | .067307         | .008898         |
| %RSD   | 1.014244        | 3.457486        | .2391077        | 4.788450        | .3759052        | .8988106        | .1225719        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 29.58626 | .1202858 | .0054609 | .0369943 | 7.759258 | 7.421218 | 7.255865 |
| #2 | 30.17037 | .1287871 | .0054853 | .0351874 | 7.768738 | 7.555832 | 7.252718 |
| #3 | 30.02145 | .1234855 | .0054650 | .0387277 | 7.813987 | 7.488358 | 7.269460 |

Sample Name: O3047-04      Acquired: 6/8/2023 19:40:57      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB33A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.583300 | .0462742 | -.145755 | Z ***** |
| Stddev | .003319  | .0011368 | .002348  | -----   |
| %RSD   | .1284727 | 2.456626 | 1.610851 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.580483 | .0457465 | -.143212 | Z 5102.286 |
| #2 | 2.582458 | .0454972 | -.147840 | Z 5097.411 |
| #3 | 2.586959 | .0475790 | -.146212 | Z 5096.369 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4888.747 | 73652.82 | 15116.74 | 4531.162 | 3235.841 |
| Stddev    | 6.218    | 480.03   | 55.81    | 30.454   | 1.591    |
| %RSD      | .1271940 | .6517531 | .3692132 | .6721004 | .0491772 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4889.781 | 74175.69 | 15129.67 | 4566.219 | 3234.679 |
| #2 | 4894.383 | 73232.06 | 15164.96 | 4516.019 | 3237.655 |
| #3 | 4882.076 | 73550.70 | 15055.60 | 4511.248 | 3235.189 |

Sample Name: O3047-05      Acquired: 6/8/2023 19:44:44      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB33B      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003767</b> | <b>.0000473</b> | <b>.0921311</b> | <b>-.126102</b> | <b>.0172039</b> | <b>187.5972</b> |
| Stddev | .000412         | .0023248        | .0016299        | .001530         | .0016144        | .9324           |
| %RSD   | 10.93353        | 4911.204        | 1.769107        | 1.213229        | 9.384147        | .4970021        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003735</b> | <b>-.002367</b> | <b>.0928039</b> | <b>-.125537</b> | <b>.0154687</b> | <b>186.5913</b> |
| #2 | <b>-.004194</b> | <b>.002270</b>  | <b>.0933169</b> | <b>-.127834</b> | <b>.0174815</b> | <b>187.7681</b> |
| #3 | <b>-.003372</b> | <b>.000239</b>  | <b>.0902725</b> | <b>-.124935</b> | <b>.0186615</b> | <b>188.4324</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.046152</b> | <b>.0068434</b> | <b>.0044763</b> | <b>22.79912</b> | <b>.4519387</b> | <b>.2042026</b> |
| Stddev | .007838         | .0001225        | .0004521        | .13354          | .0027218        | .0011110        |
| %RSD   | .3830649        | 1.789636        | 10.10001        | .5857366        | .6022423        | .5440441        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.037741</b> | <b>.0067032</b> | <b>.0049587</b> | <b>22.66587</b> | <b>.4491342</b> | <b>.2053379</b> |
| #2 | <b>2.047463</b> | <b>.0068977</b> | <b>.0044079</b> | <b>22.79853</b> | <b>.4521124</b> | <b>.2041521</b> |
| #3 | <b>2.053252</b> | <b>.0069294</b> | <b>.0040623</b> | <b>22.93296</b> | <b>.4545694</b> | <b>.2031177</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.223137</b> | <b>352.1152</b> | <b>7.236379</b> | <b>76.79442</b> | <b>.6243498</b> | <b>.0061480</b> |
| Stddev | .009491         | 3.4835          | .051060         | .38323          | .0031709        | .0003081        |
| %RSD   | 4.253429        | .9893196        | .7056035        | .4990300        | .5078764        | 5.011807        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.214203</b> | <b>348.7730</b> | <b>7.180857</b> | <b>76.39274</b> | <b>.6277785</b> | <b>.0060363</b> |
| #2 | <b>-.222107</b> | <b>351.8479</b> | <b>7.246960</b> | <b>76.83449</b> | <b>.6237482</b> | <b>.0064964</b> |
| #3 | <b>-.233101</b> | <b>355.7247</b> | <b>7.281319</b> | <b>77.15604</b> | <b>.6215228</b> | <b>.0059113</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.375294</b> | <b>.5263132</b> | <b>.5673070</b> | <b>96.96748</b> | <b>.1444089</b> | <b>.0057234</b> |
| Stddev | .016462         | .0051750        | .0036624        | .75732          | .0049765        | .0001511        |
| %RSD   | .6930391        | .9832583        | .6455811        | .7810051        | 3.446100        | 2.640587        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.365716</b> | <b>.5204260</b> | <b>.5631588</b> | <b>96.24612</b> | <b>.1400402</b> | <b>.0057652</b> |
| #2 | <b>2.365863</b> | <b>.5283703</b> | <b>.5686685</b> | <b>96.90007</b> | <b>.1433605</b> | <b>.0055558</b> |
| #3 | <b>2.394302</b> | <b>.5301434</b> | <b>.5700937</b> | <b>97.75625</b> | <b>.1498261</b> | <b>.0058493</b> |

Sample Name: O3047-05      Acquired: 6/8/2023 19:44:44      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB33B      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |            |          |          |
|--------|----------|------------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0344180 | F 20.04422 | 9.355083 | F 10.80826 | .4354940 | .0603998 |
| Stddev | .0006962 | .08121     | .065568  | .06450     | .0019380 | .0011769 |
| %RSD   | 2.022648 | .4051642   | .7008800 | .5967716   | .4450218 | 1.948528 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0351724 | 19.95480 | 9.284413 | 10.88232 | .4355290 | .0616844 |
| #2 | .0338003 | 20.06447 | 9.366891 | 10.77808 | .4374144 | .0593735 |
| #3 | .0342814 | 20.11339 | 9.413944 | 10.76439 | .4335388 | .0601416 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | -.256065 | Z ***** |
| Stddev | .002969  | -----   |
| %RSD   | 1.159441 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.253293 | Z 4315.753 |
| #2 | -.255704 | Z 4313.285 |
| #3 | -.259198 | Z 4312.014 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4589.324 | 70310.77 | 14345.15 | 4327.337 | 3094.103 |
| Stddev    | 19.383   | 522.25   | 69.90    | 29.798   | 17.431   |
| %RSD      | .4223513 | .7427736 | .4872424 | .6885998 | .5633766 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4569.827 | 70832.30 | 14422.90 | 4359.123 | 3076.314 |
| #2 | 4589.554 | 70312.21 | 14325.03 | 4322.852 | 3094.840 |
| #3 | 4608.591 | 69787.81 | 14287.53 | 4300.035 | 3111.153 |

Sample Name: O3050-01      Acquired: 6/8/2023 19:48:31      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-22-0A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0286908</b> | <b>-.023539</b> | <b>.1322518</b> | <b>-.073473</b> | <b>-.002263</b> | <b>72.60920</b> | <b>.8610480</b> |
| Stddev | .0006209        | .001507         | .0027964        | .002853         | .001247         | .04654          | .0044070        |
| %RSD   | 2.164047        | 6.401821        | 2.114436        | 3.882982        | 55.13101        | .0640933        | .5118139        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0287371 | -.023610 | .1323981 | -.076756 | -.003149 | 72.63913 | .8576486 |
| #2 | .0292872 | -.021998 | .1349722 | -.072070 | -.002803 | 72.55559 | .8660271 |
| #3 | .0280481 | -.025009 | .1293852 | -.071593 | -.000836 | 72.63289 | .8594682 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0089672</b> | <b>.0047260</b> | <b>60.48938</b> | <b>.1970291</b> | <b>.1227323</b> | <b>-.199774</b> | <b>195.9090</b> |
| Stddev | .0001120        | .0002392        | .10109          | .0057125        | .0015951        | .008406         | 4.4267          |
| %RSD   | 1.248513        | 5.062235        | .1671214        | 2.899296        | 1.299631        | 4.207966        | 2.259591        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0090720 | .0047073 | 60.48014 | .2016757 | .1242522 | -.203868 | 198.7272 |
| #2 | .0088492 | .0044967 | 60.59478 | .1987604 | .1228734 | -.205350 | 198.1931 |
| #3 | .0089803 | .0049740 | 60.39323 | .1906513 | .1210714 | -.190105 | 190.8068 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.124794</b> | <b>49.42131</b> | <b>.2529250</b> | <b>.0027461</b> | <b>3.059172</b> | <b>.2856655</b> | <b>.3436171</b> |
| Stddev | .018133         | .16433          | .0026332        | .0004134        | .068542         | .0029471        | .0085751        |
| %RSD   | .3538279        | .3325110        | 1.041101        | 15.05568        | 2.240537        | 1.031670        | 2.495550        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.135263 | 49.59238 | .2553209 | .0022688 | 3.094976 | .2884809 | .3502860 |
| #2 | 5.103856 | 49.26467 | .2533483 | .0029951 | 3.102398 | .2826023 | .3466211 |
| #3 | 5.135262 | 49.40687 | .2501058 | .0029743 | 2.980143 | .2859133 | .3339441 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.89317</b> | <b>.1066995</b> | <b>.0031465</b> | <b>-.003330</b> | <b>3.257220</b> | <b>7.113484</b> | <b>8.062653</b> |
| Stddev | .32077          | .0047270        | .0001558        | .000448         | .004393         | .171176         | .104079         |
| %RSD   | 2.153790        | 4.430204        | 4.952602        | 13.45871        | .1348723        | 2.406356        | 1.290879        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.09343 | .1089920 | .0032368 | -.003832 | 3.256432 | 7.205282 | 8.167247 |
| #2 | 15.06289 | .1098431 | .0032361 | -.003189 | 3.261953 | 7.219181 | 8.061616 |
| #3 | 14.52320 | .1012634 | .0029665 | -.002969 | 3.253274 | 6.915990 | 7.959097 |

Sample Name: O3050-01      Acquired: 6/8/2023 19:48:31      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-22-0A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .9394162 | .0716739 | .0160431 | Z ***** |
| Stddev | .0093065 | .0029248 | .0048304 | -----   |
| %RSD   | .9906730 | 4.080740 | 30.10895 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .9479685 | .0696109 | .0133644 | Z 6472.538 |
| #2 | .9407753 | .0703896 | .0131456 | Z 6456.270 |
| #3 | .9295049 | .0750211 | .0216194 | Z 6431.646 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5071.154 | 79845.41 | 15611.27 | 4868.961 | 3157.029 |
| Stddev    | 30.646   | 2088.91  | 88.31    | 119.647  | 28.968   |
| %RSD      | .6043153 | 2.616195 | .5656680 | 2.457339 | .9175853 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5039.237 | 78350.66 | 15514.29 | 4770.696 | 3129.603 |
| #2 | 5073.879 | 78953.32 | 15687.05 | 4833.991 | 3154.158 |
| #3 | 5100.347 | 82232.25 | 15632.47 | 5002.197 | 3187.326 |

Sample Name: CCV07      Acquired: 6/8/2023 19:52:18      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20549      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.053393 | 5.011616 | 4.851436 | 4.847379 | 5.104080 | 9.785379 |
| Stddev | .033600  | .040903  | .038805  | .028146  | .033708  | .026125  |
| %RSD   | .6649062 | .8161564 | .7998717 | .5806418 | .6604048 | .2669831 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.017826 | 4.964554 | 4.806937 | 4.819773 | 5.065187 | 9.778577 |
| #2 | 5.084601 | 5.038590 | 4.869133 | 4.876036 | 5.124839 | 9.814233 |
| #3 | 5.057752 | 5.031706 | 4.878238 | 4.846329 | 5.122213 | 9.763328 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348     | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.16993 | F .2236884 | 2.443248 | 24.08769 | .9747894 | 2.427404 |
| Stddev | .03272   | .0018060   | .017988  | .13298   | .0090925 | .017102  |
| %RSD   | .3217262 | .8073917   | .7362229 | .5520845 | .9327693 | .7045261 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.13939 | .2225596 | 2.422482 | 23.94968 | .9643236 | 2.407669 |
| #2 | 10.20446 | .2257714 | 2.453269 | 24.21501 | .9792970 | 2.436661 |
| #3 | 10.16593 | .2227341 | 2.453994 | 24.09838 | .9807474 | 2.437881 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.249242 | 5.319248 | 2.478898 | 23.19462 | 2.459388 | 1.230246 |
| Stddev | .007964  | .054708  | .008007  | .11628   | .018680  | .010990  |
| %RSD   | .6375316 | 1.028487 | .3229868 | .5013418 | .7595239 | .8933300 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.240056 | 5.266608 | 2.470655 | 23.14852 | 2.437902 | 1.217592 |
| #2 | 1.254219 | 5.315324 | 2.486645 | 23.32689 | 2.471774 | 1.237404 |
| #3 | 1.253451 | 5.375812 | 2.479394 | 23.10845 | 2.468488 | 1.235742 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.26177 | 2.459036 | 2.643919 | 27.13052 | 4.595382 | 5.096666 |
| Stddev | .19170   | .011202  | .027094  | .25012   | .040881  | .037247  |
| %RSD   | .7588622 | .4555601 | 1.024780 | .9218970 | .8896058 | .7308072 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.08413 | 2.450747 | 2.613069 | 26.87882 | 4.563466 | 5.054074 |
| #2 | 25.23620 | 2.471781 | 2.654832 | 27.13371 | 4.641461 | 5.123136 |
| #3 | 25.46497 | 2.454581 | 2.663854 | 27.37902 | 4.581220 | 5.112789 |

Sample Name: CCV07      Acquired: 6/8/2023 19:52:18      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20549      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.918032 | 4.893197 | 5.011354 | 4.627015 | 4.895514 | 4.789952 |
| Stddev | .036440  | .015917  | .065131  | .035274  | .037844  | .021447  |
| %RSD   | .7409535 | .3252894 | 1.299669 | .7623533 | .7730305 | .4477400 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.876058 | 4.875065 | 4.959321 | 4.587501 | 4.852398 | 4.772951 |
| #2 | 4.941581 | 4.904865 | 4.990343 | 4.655331 | 4.923232 | 4.814047 |
| #3 | 4.936456 | 4.899661 | 5.084397 | 4.638213 | 4.910911 | 4.782859 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 5.142743 | z ***** |
| Stddev | .083033  | -----   |
| %RSD   | 1.614574 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 5.112538 | z 2620.454 |
| #2 | 5.236652 | z 2612.473 |
| #3 | 5.079041 | z 2611.699 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3686.800 | 56651.46 | 11553.87 | 3481.797 | 3171.397 |
| Stddev    | 20.336   | 366.45   | 93.81    | 25.302   | 19.340   |
| %RSD      | .5515828 | .6468504 | .8119334 | .7267001 | .6098236 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3708.986 | 57074.42 | 11580.02 | 3510.517 | 3193.692 |
| #2 | 3669.044 | 56429.22 | 11449.77 | 3472.081 | 3159.141 |
| #3 | 3682.371 | 56450.74 | 11631.84 | 3462.792 | 3161.358 |

Sample Name: CCB07      Acquired: 6/8/2023 19:56:03      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20549      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000095</b> | <b>.0005873</b> | <b>-.000328</b> | <b>-.002782</b> | <b>-.004915</b> | <b>.0082649</b> | <b>-.028678</b> |
| Stddev | .001393         | .0012684        | .000513         | .003232         | .000757         | .0028638        | .002072         |
| %RSD   | 1467.427        | 215.9802        | 156.2172        | 116.2033        | 15.39180        | 34.64977        | 7.226343        |
| #1     | .000888         | -.000850        | -.000920        | -.000390        | -.004087        | .0050243        | -.027131        |
| #2     | .000516         | .001061         | -.000052        | -.006459        | -.005570        | .0104552        | -.031032        |
| #3     | -.001689        | .001551         | -.000013        | -.001496        | -.005088        | .0093154        | -.027869        |
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000036</b> | <b>.0000030</b> | <b>-.001613</b> | <b>-.000021</b> | <b>-.000149</b> | <b>.0005092</b> | <b>.0032370</b> |
| Stddev | .000014         | .0000666        | .011396         | .000205         | .000065         | .0002210        | .0024497        |
| %RSD   | 38.23881        | 2219.781        | 706.6556        | 960.1954        | 43.35407        | 43.38829        | 75.67981        |
| #1     | -.000048        | -.000051        | .008909         | .000113         | -.000216        | .0002665        | .0060331        |
| #2     | -.000040        | .000077         | -.013718        | -.000257        | -.000145        | .0006987        | .0022096        |
| #3     | -.000021        | -.000017        | -.000029        | .000080         | -.000087        | .0005625        | .0014682        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001200</b> | <b>.0065346</b> | <b>.0005471</b> | <b>.0007581</b> | <b>.0587903</b> | <b>-.001295</b> | <b>-.000584</b> |
| Stddev | .0000693        | .0058562        | .0001519        | .0003884        | .0096332        | .001236         | .000167         |
| %RSD   | 57.75925        | 89.61859        | 27.76048        | 51.22728        | 16.38575        | 95.39614        | 28.57340        |
| #1     | .0000448        | .0058228        | .0004610        | .0003210        | .0504609        | -.002664        | -.000399        |
| #2     | .0001339        | .0010668        | .0004579        | .0010635        | .0565702        | -.000263        | -.000723        |
| #3     | .0001813        | .0127142        | .0007225        | .0008900        | .0693398        | -.000959        | -.000630        |
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2388730</b> | <b>.0068702</b> | <b>.0014026</b> | <b>.0000476</b> | <b>.0035213</b> | <b>-.001027</b> | <b>.0028682</b> |
| Stddev | .0239064        | .0003993        | .0002565        | .0000499        | .0003404        | .006382         | .0006845        |
| %RSD   | 10.00798        | 5.812298        | 18.28889        | 104.8130        | 9.667716        | 621.6841        | 23.86469        |
| #1     | .2116040        | .0069407        | .0016587        | -.000009        | .0037247        | -.008349        | .0035487        |
| #2     | .2487908        | .0072296        | .0014034        | .000064         | .0031283        | .001917         | .0021797        |
| #3     | .2562242        | .0064404        | .0011456        | .000087         | .0037109        | .003352         | .0028762        |

Sample Name: CCB07      Acquired: 6/8/2023 19:56:03      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB20549      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.002437</b> | <b>-.005310</b> | <b>.0000603</b> | <b>z *****</b> |
| Stddev | .001586         | .002346         | .0000767        | -----          |
| %RSD   | 65.07287        | 44.17290        | 127.2614        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.002675</b> | <b>-.003211</b> | <b>.0000767</b> | <b>z 2412.697</b> |
| #2 | <b>-.000745</b> | <b>-.004878</b> | <b>.0001274</b> | <b>z 2405.241</b> |
| #3 | <b>-.003889</b> | <b>-.007842</b> | <b>-.000023</b> | <b>z 2407.548</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3848.164</b> | <b>59135.21</b> | <b>11728.20</b> | <b>3635.872</b> | <b>3482.006</b> |
| Stddev    | 4.702           | 215.70          | 473.68          | 8.407           | 4.798           |
| %RSD      | .1221995        | .3647556        | 4.038797        | .2312337        | .1378017        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3849.703</b> | <b>59042.68</b> | <b>11409.74</b> | <b>3626.171</b> | <b>3483.166</b> |
| #2 | <b>3851.903</b> | <b>58981.22</b> | <b>12272.54</b> | <b>3640.395</b> | <b>3486.119</b> |
| #3 | <b>3842.884</b> | <b>59381.74</b> | <b>11502.32</b> | <b>3641.049</b> | <b>3476.735</b> |

Sample Name: O3050-01DUP      Acquired: 6/8/2023 20:00:06      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-22-0ADUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0289236 | -.021374 | .1293676 | -.071934 | -.001729 | 72.65692 | .8617037 |
| Stddev | .0015373 | .002626  | .0015710 | .002993  | .001248  | .53684   | .0078264 |
| %RSD   | 5.315184 | 12.28399 | 1.214329 | 4.160541 | 72.18519 | .7388660 | .9082460 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0306974 | -.023908 | .1311750 | -.069347 | -.003161 | 73.23921 | .8690237 |
| #2 | .0280968 | -.021547 | .1285975 | -.071244 | -.000878 | 72.54991 | .8626333 |
| #3 | .0279766 | -.018666 | .1283303 | -.075212 | -.001146 | 72.18165 | .8534540 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089173 | .0035803 | 60.66658 | .2018982 | .1179787 | -.209989 | 198.2416 |
| Stddev | .0000454 | .0002966 | .46574   | .0012060 | .0027725 | .000432  | 1.5500   |
| %RSD   | .5090719 | 8.284863 | .7677085 | .5973400 | 2.349966 | .2059098 | .7818644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089676 | .0039226 | 61.15921 | .2030950 | .1209805 | -.210394 | 199.9836 |
| #2 | .0089047 | .0034190 | 60.60708 | .2019164 | .1174416 | -.209534 | 197.7264 |
| #3 | .0088795 | .0033994 | 60.23345 | .2006831 | .1155142 | -.210041 | 197.0149 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.122769 | 49.68601 | .2433434 | .0024277 | 3.101229 | .2839436 | .3521320 |
| Stddev | .041730  | .40006   | .0059015 | .0002910 | .025843  | .0017905 | .0018195 |
| %RSD   | .8146024 | .8051858 | 2.425185 | 11.98548 | .8333254 | .6305758 | .5167089 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.166073 | 50.13555 | .2497742 | .0022704 | 3.131004 | .2852930 | .3541016 |
| #2 | 5.119419 | 49.55337 | .2420801 | .0022492 | 3.088063 | .2846254 | .3505139 |
| #3 | 5.082814 | 49.36911 | .2381758 | .0027635 | 3.084619 | .2819124 | .3517805 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.02807 | .1099484 | .0031982 | -.003356 | 3.257427 | 7.181538 | 7.827135 |
| Stddev | .13529   | .0003495 | .0003107 | .000688  | .029350  | .050638  | .197053  |
| %RSD   | .9002761 | .3178592 | 9.716174 | 20.48892 | .9010079 | .7051197 | 2.517559 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.17658 | .1098846 | .0032433 | -.003511 | 3.289896 | 7.237091 | 8.046979 |
| #2 | 14.99579 | .1096352 | .0028674 | -.002604 | 3.249601 | 7.169561 | 7.768017 |
| #3 | 14.91183 | .1103253 | .0034840 | -.003953 | 3.232782 | 7.137962 | 7.666408 |

Sample Name: O3050-01DUP      Acquired: 6/8/2023 20:00:06      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: TP-22-0ADUP      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>.8978344</b> | <b>.0694889</b> | <b>.0129833</b> | <b>z *****</b> |
| Stddev | .0225935        | .0009164        | .0003145        | -----          |
| %RSD   | 2.516445        | 1.318786        | 2.422232        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>.9198211</b> | <b>.0705402</b> | <b>.0128769</b> | <b>z 6474.276</b> |
| #2 | <b>.8990027</b> | <b>.0690680</b> | <b>.0133372</b> | <b>z 6476.783</b> |
| #3 | <b>.8746794</b> | <b>.0688586</b> | <b>.0127358</b> | <b>z 6464.799</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5215.673</b> | <b>78435.21</b> | <b>15515.10</b> | <b>4820.062</b> | <b>3278.027</b> |
| Stddev    | 70.287          | 606.40          | 122.99          | 38.552          | 66.815          |
| %RSD      | 1.347620        | .7731240        | .7927169        | .7998280        | 2.038274        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5137.093</b> | <b>77753.15</b> | <b>15381.92</b> | <b>4775.550</b> | <b>3203.657</b> |
| #2 | <b>5237.381</b> | <b>78639.06</b> | <b>15538.98</b> | <b>4841.821</b> | <b>3297.434</b> |
| #3 | <b>5272.547</b> | <b>78913.42</b> | <b>15624.40</b> | <b>4842.815</b> | <b>3332.990</b> |

Sample Name: O3050-01LX5      Acquired: 6/8/2023 20:03:55      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056942 | -.003878 | .0224154 | -.015003 | -.005764 | 17.13949 | .1771283 |
| Stddev | .0010719 | .001850  | .0012015 | .001255  | .002099  | .76024   | .0100906 |
| %RSD   | 18.82445 | 47.69615 | 5.360033 | 8.363033 | 36.41884 | 4.435603 | 5.696777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068904 | -.003193 | .0210470 | -.016087 | -.008148 | 16.69550 | .1721082 |
| #2 | .0053714 | -.005973 | .0232973 | -.015292 | -.004951 | 16.70564 | .1705323 |
| #3 | .0048208 | -.002469 | .0229020 | -.013629 | -.004193 | 18.01732 | .1887443 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022518 | -.000604 | 14.55988 | .0493231 | .0216087 | -.049695 | 47.96146 |
| Stddev | .0000856 | .000209  | .63699   | .0017745 | .0003478 | .002181  | .89964   |
| %RSD   | 3.802672 | 34.56612 | 4.374980 | 3.597667 | 1.609653 | 4.388682 | 1.875759 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021919 | -.000769 | 14.21067 | .0506395 | .0213844 | -.051234 | 48.62799 |
| #2 | .0022136 | -.000674 | 14.17387 | .0500247 | .0214323 | -.050652 | 48.31824 |
| #3 | .0023498 | -.000369 | 15.29511 | .0473051 | .0220094 | -.047199 | 46.93815 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.258856 | 11.96775 | .0457408 | .0009056 | .7440592 | .0667862 | .0822673 |
| Stddev | .056667  | .52605   | .0008281 | .0005347 | .0248819 | .0020664 | .0024691 |
| %RSD   | 4.501476 | 4.395558 | 1.810470 | 59.04235 | 3.344079 | 3.094100 | 3.001363 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.226768 | 11.66190 | .0453036 | .0003130 | .7620845 | .0653755 | .0838936 |
| #2 | 1.225513 | 11.66617 | .0452230 | .0010518 | .7544225 | .0658249 | .0834821 |
| #3 | 1.324285 | 12.57518 | .0466959 | .0013521 | .7156706 | .0691581 | .0794261 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.559796 | .0263348 | .0008322 | -.001410 | .7878143 | 1.684427 | 1.448288 |
| Stddev | .071437  | .0033667 | .0000294 | .000937  | .0360844 | .048734  | .017499  |
| %RSD   | 2.006779 | 12.78435 | 3.533850 | 66.46401 | 4.580311 | 2.893219 | 1.208265 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.630558 | .0287261 | .0008313 | -.001952 | .7681494 | 1.730511 | 1.433767 |
| #2 | 3.561130 | .0277936 | .0008620 | -.001950 | .7658341 | 1.689352 | 1.443380 |
| #3 | 3.487702 | .0224847 | .0008032 | -.000328 | .8294595 | 1.633417 | 1.467717 |

Sample Name: O3050-01LX5      Acquired: 6/8/2023 20:03:55      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>.1570810</b> | <b>.0104937</b> | <b>.0033339</b> | <b>z *****</b> |
| Stddev | .0036343        | .0032759        | .0032714        | -----          |
| %RSD   | 2.313631        | 31.21744        | 98.12367        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>.1568749</b> | <b>.0083372</b> | <b>.0012582</b> | <b>z 3249.000</b> |
| #2 | <b>.1535541</b> | <b>.0088805</b> | <b>.0016386</b> | <b>z 3256.292</b> |
| #3 | <b>.1608139</b> | <b>.0142633</b> | <b>.0071050</b> | <b>z 3253.546</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4168.320</b> | <b>61587.94</b> | <b>11972.51</b> | <b>3794.308</b> | <b>3436.819</b> |
| Stddev    | 31.798          | 1803.22         | 396.77          | 113.496         | 30.536          |
| %RSD      | .7628396        | 2.927870        | 3.313977        | 2.991215        | .8884936        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4193.772 | 60220.66 | 12188.13 | 3708.783 | 3457.297 |
| #2 | 4178.511 | 60911.63 | 12214.78 | 3751.074 | 3451.438 |
| #3 | 4132.676 | 63631.54 | 11514.62 | 3923.067 | 3401.722 |

Sample Name: O3050-01MS      Acquired: 6/8/2023 20:07:53      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-22-0AMS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6150491</b> | <b>1.922812</b> | <b>1.111563</b> | <b>1.236770</b> | <b>.4503338</b> | <b>96.99398</b> |
| Stddev | .0038768        | .004084         | .000524         | .011718         | .0006170        | .07865          |
| %RSD   | .6303221        | .2123964        | .0471086        | .9474406        | .1370154        | .0810866        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6106006 | 1.926116 | 1.112052 | 1.224791 | .4504115 | 97.00347 |
| #2 | .6177063 | 1.918246 | 1.111010 | 1.237311 | .4496816 | 97.06745 |
| #3 | .6168404 | 1.924074 | 1.111627 | 1.248208 | .4509083 | 96.91102 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.029228</b> | <b>.1408285</b> | <b>.2032306</b> | <b>79.09771</b> | <b>.5051065</b> | <b>.3424545</b> |
| Stddev | .004506         | .0007658        | .0003132        | .14054          | .0008396        | .0001209        |
| %RSD   | .4378352        | .5438055        | .1541304        | .1776796        | .1662302        | .0353122        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.030914 | .1399696 | .2034485 | 79.16910 | .5060435 | .3423513 |
| #2 | 1.032648 | .1410756 | .2028716 | 79.18822 | .5044224 | .3425876 |
| #3 | 1.024122 | .1414403 | .2033717 | 78.93580 | .5048535 | .3424248 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.041640</b> | <b>232.0909</b> | <b>7.026683</b> | <b>65.79788</b> | <b>.7988466</b> | <b>.0546824</b> |
| Stddev | .003066         | 1.3548          | .018037         | .10428          | .0015027        | .0001539        |
| %RSD   | 7.363931        | .5837207        | .2566987        | .1584864        | .1881137        | .2813592        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.045059 | 233.5511 | 7.006687 | 65.68156 | .8003235 | .0545407 |
| #2 | -.040731 | 231.8468 | 7.031633 | 65.88301 | .7973193 | .0546606 |
| #3 | -.039132 | 230.8747 | 7.041728 | 65.82905 | .7988972 | .0548461 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.115676</b> | <b>.5433724</b> | <b>.6100907</b> | <b>27.69301</b> | <b>.3176912</b> | <b>.2471030</b> |
| Stddev | .067214         | .0016794        | .0026992        | .21969          | .0049419        | .0005920        |
| %RSD   | 1.099037        | .3090713        | .4424267        | .7933018        | 1.555557        | .2395630        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.181057 | .5433888 | .6128709 | 27.93831 | .3215098 | .2465503 |
| #2 | 6.119203 | .5450436 | .6099207 | 27.62635 | .3194542 | .2470311 |
| #3 | 6.046769 | .5416849 | .6074805 | 27.51437 | .3121097 | .2477276 |

Sample Name: O3050-01MS      Acquired: 6/8/2023 20:07:53      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-22-0AMS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .6177960 | 4.562074 | F 10.42442 | F 14.98270 | 1.105224 | .2593142 |
| Stddev | .0023596 | .013162  | .10916     | .03104     | .004032  | .0010491 |
| %RSD   | .3819315 | .2885145 | 1.047180   | .2071828   | .3648066 | .4045543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6170212 | 4.562773 | 10.52698 | 15.01207 | 1.100661 | .2602058 |
| #2 | .6159213 | 4.574872 | 10.43659 | 14.95022 | 1.106707 | .2595787 |
| #3 | .6204456 | 4.548576 | 10.30967 | 14.98583 | 1.108304 | .2581582 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1703101 | Z ***** |
| Stddev | .0016698 | -----   |
| %RSD   | .9804225 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1686858 | Z 12139.04 |
| #2 | .1702227 | Z 12164.65 |
| #3 | .1720218 | Z 12181.09 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5102.673 | 78193.41 | 15598.14 | 4828.565 | 2975.799 |
| Stddev    | 6.916    | 381.05   | 69.37    | 20.666   | 3.529    |
| %RSD      | .1355449 | .4873165 | .4447317 | .4279895 | .1185837 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5108.568 | 77763.67 | 15673.12 | 4805.378 | 2973.648 |
| #2 | 5104.391 | 78326.48 | 15585.08 | 4835.274 | 2979.872 |
| #3 | 5095.059 | 78490.08 | 15536.24 | 4845.043 | 2973.878 |

Sample Name: O3050-01MSD      Acquired: 6/8/2023 20:11:34      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-22-0AMSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6043554</b> | <b>1.890956</b> | <b>1.093597</b> | <b>1.220116</b> | <b>.4230933</b> | <b>88.59232</b> |
| Stddev | .0026296        | .018576         | .011794         | .005967         | .0018715        | .13415          |
| %RSD   | .4351040        | .9823794        | 1.078491        | .4890709        | .4423250        | .1514257        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6020830 | 1.882866 | 1.083054 | 1.213331 | .4221757 | 88.46377 |
| #2 | .6037474 | 1.877796 | 1.091402 | 1.222470 | .4218578 | 88.73145 |
| #3 | .6072357 | 1.912205 | 1.106334 | 1.224548 | .4252465 | 88.58172 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9735961</b> | <b>.1335067</b> | <b>.2003502</b> | <b>73.50155</b> | <b>.4832499</b> | <b>.3374219</b> |
| Stddev | .0022238        | .0007067        | .0017791        | .04943          | .0052384        | .0029776        |
| %RSD   | .2284119        | .5293363        | .8880102        | .0672486        | 1.084001        | .8824543        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9713814 | .1327794 | .1989659 | 73.44529 | .4773633 | .3355441 |
| #2 | .9758290 | .1341908 | .1997277 | 73.53798 | .4849881 | .3358664 |
| #3 | .9735779 | .1335500 | .2023569 | 73.52140 | .4873983 | .3408550 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.021127</b> | <b>218.5472</b> | <b>6.572907</b> | <b>59.89892</b> | <b>.7839667</b> | <b>.0519378</b> |
| Stddev | .001298         | 1.6004          | .014339         | .10895          | .0073993        | .0005291        |
| %RSD   | 6.144374        | .7322926        | .2181466        | .1818861        | .9438336        | 1.018663        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.020257 | 216.8502 | 6.558356 | 59.77818 | .7771630 | .0514284 |
| #2 | -.022619 | 218.7621 | 6.587023 | 59.92870 | .7828927 | .0519005 |
| #3 | -.020506 | 220.0292 | 6.573342 | 59.98989 | .7918443 | .0524846 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.747528</b> | <b>.5062324</b> | <b>.5746329</b> | <b>26.10480</b> | <b>.3021374</b> | <b>.2334121</b> |
| Stddev | .035936         | .0030549        | .0055679        | .19413          | .0009818        | .0026519        |
| %RSD   | .6252380        | .6034632        | .9689543        | .7436436        | .3249509        | 1.136151        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.710075 | .5027171 | .5687429 | 25.88267 | .3010406 | .2309277 |
| #2 | 5.750786 | .5077360 | .5753456 | 26.18978 | .3024371 | .2331038 |
| #3 | 5.781725 | .5082442 | .5798102 | 26.24194 | .3029344 | .2362046 |

Sample Name: O3050-01MSD      Acquired: 6/8/2023 20:11:34      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-22-0AMSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                   |                 |                 |
|--------|-----------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm               | ppm             | ppm             |
| Avg    | <b>.5793994</b> | <b>4.153482</b> | <b>F 10.05051</b> | <b>F 14.64641</b> | <b>1.081858</b> | <b>.2374016</b> |
| Stddev | .0053107        | .003565         | .10043            | .13160            | .010266         | .0005153        |
| %RSD   | .9165893        | .0858256        | .9992668          | .8985037          | .9489176        | .2170394        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5739054 | 4.151875 | 9.94247  | 14.53141 | 1.075738 | .2376021 |
| #2 | .5797870 | 4.157567 | 10.06804 | 14.61789 | 1.076126 | .2377865 |
| #3 | .5845056 | 4.151003 | 10.14102 | 14.78993 | 1.093710 | .2368163 |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.1622817</b> | <b>z *****</b> |
| Stddev | .0014212        | -----          |
| %RSD   | .8757660        | -----          |

|    |          |                   |
|----|----------|-------------------|
| #1 | .1631524 | <b>z 12109.88</b> |
| #2 | .1630510 | <b>z 12139.12</b> |
| #3 | .1606417 | <b>z 12080.40</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5169.900</b> | <b>80666.96</b> | <b>16241.70</b> | <b>4964.565</b> | <b>3021.909</b> |
| Stddev    | 28.545          | 713.15          | 47.04           | 47.631          | 20.884          |
| %RSD      | .5521365        | .8840608        | .2895971        | .9594201        | .6910926        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5196.885 | 81399.38 | 16292.77 | 5014.022 | 3039.367 |
| #2 | 5172.800 | 80626.72 | 16232.19 | 4960.674 | 3027.587 |
| #3 | 5140.017 | 79974.79 | 16200.15 | 4918.999 | 2998.773 |

Sample Name: O3050-01A      Acquired: 6/8/2023 20:15:14      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12063      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6997653</b> | <b>2.154353</b> | <b>1.197035</b> | <b>1.467298</b> | <b>.6464907</b> | <b>71.67492</b> |
| Stddev | .0151082        | .056726         | .031932         | .028934         | .0130364        | .35336          |
| %RSD   | 2.159037        | 2.633085        | 2.667568        | 1.971929        | 2.016481        | .4930099        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6836482 | 2.091068 | 1.160512 | 1.434418 | .6314863 | 71.88288 |
| #2 | .7136063 | 2.200627 | 1.219680 | 1.488869 | .6550409 | 71.87497 |
| #3 | .7020415 | 2.171363 | 1.210913 | 1.478608 | .6529449 | 71.26692 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9937125</b> | <b>.1577808</b> | <b>.2187776</b> | <b>59.20795</b> | <b>.5052199</b> | <b>.3330188</b> |
| Stddev | .0036230        | .0011807        | .0063131        | .24176          | .0003297        | .0091245        |
| %RSD   | .3645966        | .7483193        | 2.885639        | .4083167        | .0652520        | 2.739935        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9956051 | .1589879 | .2115886 | 59.31563 | .5049251 | .3225767 |
| #2 | .9959974 | .1577259 | .2234182 | 59.37716 | .5051589 | .3394558 |
| #3 | .9895351 | .1566284 | .2213260 | 58.93106 | .5055759 | .3370238 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0448576</b> | <b>191.1599</b> | <b>5.104340</b> | <b>49.63019</b> | <b>.7819002</b> | <b>.0604277</b> |
| Stddev | .0071883        | .6483           | .019888         | .14733          | .0212015        | .0004199        |
| %RSD   | 16.02479        | .3391544        | .3896293        | .2968473        | 2.711540        | .6949558        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0366160 | 190.4119 | 5.118893 | 49.69337 | .7577008 | .0599430 |
| #2 | .0498324 | 191.5069 | 5.112448 | 49.73538 | .7972090 | .0606822 |
| #3 | .0481243 | 191.5609 | 5.081679 | 49.46181 | .7907908 | .0606579 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.400230</b> | <b>.5182984</b> | <b>.4889581</b> | <b>23.20230</b> | <b>.3206059</b> | <b>.3331785</b> |
| Stddev | .017523         | .0036169        | .0011808        | .09149          | .0020508        | .0066600        |
| %RSD   | .3244870        | .6978315        | .2414920        | .3942948        | .6396526        | 1.998921        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.380005 | .5177816 | .4899676 | 23.10635 | .3185316 | .3255097 |
| #2 | 5.409833 | .5221459 | .4876597 | 23.28855 | .3226323 | .3375099 |
| #3 | 5.410853 | .5149677 | .4892470 | 23.21198 | .3206537 | .3365159 |

Sample Name: O3050-01A      Acquired: 6/8/2023 20:15:14      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12063      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7561535 | 3.301395 | 7.580696 | F 13.87933 | .9015022 | .2298087 |
| Stddev | .0229579 | .015189  | .048226  | .39997     | .0272180 | .0019113 |
| %RSD   | 3.036141 | .4600767 | .6361662 | 2.881782   | 3.019180 | .8316781 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7301691 | 3.308664 | 7.525175 | 13.42531 | .8707122 | .2310903 |
| #2 | .7736925 | 3.311583 | 7.612174 | 14.17970 | .9223561 | .2307238 |
| #3 | .7645989 | 3.283938 | 7.604739 | 14.03297 | .9114383 | .2276119 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1861146 | Z ***** |
| Stddev | .0022873 | -----   |
| %RSD   | 1.228985 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1881006 | Z 12810.66 |
| #2 | .1866294 | Z 12809.50 |
| #3 | .1836137 | Z 12795.07 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5107.610 | 79706.04 | 15538.43 | 4877.730 | 3204.847 |
| Stddev    | 86.930   | 128.88   | 79.12    | 7.900    | 81.095   |
| %RSD      | 1.701972 | .1616997 | .5091653 | .1619686 | 2.530394 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5207.384 | 79854.18 | 15461.32 | 4886.230 | 3297.473 |
| #2 | 5048.202 | 79619.69 | 15534.57 | 4870.611 | 3146.624 |
| #3 | 5067.243 | 79644.24 | 15619.41 | 4876.349 | 3170.445 |

Sample Name: O3050-04      Acquired: 6/8/2023 20:18:54      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-23-0A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0169569 | -.015604 | .0980792 | -.060723 | .0007227 | 86.59569 | .4373321 |
| Stddev | .0016511 | .000777  | .0028253 | .006110  | .0011483 | .57420   | .0028587 |
| %RSD   | 9.737097 | 4.979639 | 2.880627 | 10.06126 | 158.8890 | .6630776 | .6536699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0151358 | -.014756 | .0955080 | -.053765 | .0011261 | 86.13221 | .4347878 |
| #2 | .0183561 | -.015776 | .1011038 | -.063194 | -.000573 | 87.23803 | .4404256 |
| #3 | .0173789 | -.016281 | .0976258 | -.065211 | .001615  | 86.41684 | .4367830 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078501 | .0026272 | 40.87456 | .1650818 | .0895692 | -.174384 | 173.6270 |
| Stddev | .0000536 | .0003733 | .21080   | .0016956 | .0011373 | .001586  | .0953    |
| %RSD   | .6823235 | 14.20934 | .5157158 | 1.027096 | 1.269692 | .9096501 | .0548660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078353 | .0022206 | 40.70630 | .1670013 | .0882788 | -.176215 | 173.5175 |
| #2 | .0079095 | .0027065 | 41.11101 | .1644560 | .0900036 | -.173473 | 173.6722 |
| #3 | .0078054 | .0029544 | 40.80638 | .1637881 | .0904253 | -.173462 | 173.6912 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.757081 | 41.46120 | .1769842 | .0023972 | 4.425379 | .2773391 | .3230906 |
| Stddev | .019078  | .24100   | .0027974 | .0001030 | .017759  | .0011875 | .0010560 |
| %RSD   | .6919555 | .5812758 | 1.580587 | 4.295438 | .4012888 | .4281864 | .3268372 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.748590 | 41.34280 | .1737795 | .0023675 | 4.404883 | .2782080 | .3243021 |
| #2 | 2.778930 | 41.73850 | .1782360 | .0025118 | 4.436194 | .2778234 | .3226040 |
| #3 | 2.743723 | 41.30229 | .1789371 | .0023124 | 4.435059 | .2759860 | .3223656 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.06029 | .0898336 | .0027911 | .0033270 | 3.778204 | 8.792839 | 5.907156 |
| Stddev | .02151   | .0016801 | .0001990 | .0002895 | .025617  | .024071  | .084232  |
| %RSD   | .1529778 | 1.870179 | 7.127889 | 8.700030 | .6780205 | .2737621 | 1.425933 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.07184 | .0890419 | .0026967 | .0036542 | 3.757494 | 8.765916 | 5.810490 |
| #2 | 14.07356 | .0886957 | .0026569 | .0032223 | 3.806850 | 8.800317 | 5.946171 |
| #3 | 14.03547 | .0917632 | .0030197 | .0031044 | 3.770270 | 8.812284 | 5.964807 |

Sample Name: O3050-04      Acquired: 6/8/2023 20:18:54      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-23-0A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>.7648263</b> | <b>.0786448</b> | <b>-.042525</b> | <b>z *****</b> |
| Stddev | .0121205        | .0020599        | .000876         | -----          |
| %RSD   | 1.584738        | 2.619293        | 2.059353        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>.7511130</b> | <b>.0770164</b> | <b>-.043000</b> | <b>z 5555.905</b> |
| #2 | <b>.7741049</b> | <b>.0809605</b> | <b>-.041515</b> | <b>z 5567.310</b> |
| #3 | <b>.7692611</b> | <b>.0779573</b> | <b>-.043061</b> | <b>z 5552.863</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4819.762</b> | <b>74390.42</b> | <b>14654.05</b> | <b>4617.509</b> | <b>3199.332</b> |
| Stddev    | 45.759          | 332.52          | 112.92          | 16.278          | 44.260          |
| %RSD      | .9494001        | .4469980        | .7705877        | .3525260        | 1.383409        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4872.519 | 74006.57 | 14598.10 | 4600.645 | 3250.373 |
| #2 | 4795.929 | 74590.62 | 14580.02 | 4618.754 | 3176.066 |
| #3 | 4790.840 | 74574.06 | 14784.02 | 4633.129 | 3171.558 |

Sample Name: O3064-01      Acquired: 6/8/2023 20:22:42      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CHRT-24236      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0441920 | -.052658 | .8159148 | -.133501 | .0089939 | 217.9047 | 1.037215 |
| Stddev | .0021310 | .000771  | .0209245 | .006355  | .0010575 | .8753    | .006697  |
| %RSD   | 4.822078 | 1.464367 | 2.564545 | 4.760246 | 11.75769 | .4016681 | .6456382 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0456389 | -.052916 | .8399299 | -.140648 | .0098204 | 217.0146 | 1.030871 |
| #2 | .0451923 | -.051791 | .8062079 | -.128487 | .0078022 | 217.9351 | 1.036560 |
| #3 | .0417450 | -.053267 | .8016067 | -.131367 | .0093591 | 218.7643 | 1.044216 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0111101 | .0021169 | 28.41438 | .5410157 | .1863473 | -.210408 | 418.9371 |
| Stddev | .0000565 | .0010324 | .17453   | .0006225 | .0048600 | .014002  | .3219    |
| %RSD   | .5083815 | 48.76992 | .6142345 | .1150644 | 2.608022 | 6.654616 | .0768386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0110451 | .0033047 | 28.26195 | .5411530 | .1919439 | -.194241 | 419.2949 |
| #2 | .0111473 | .0016108 | 28.37641 | .5415581 | .1839072 | -.218654 | 418.6710 |
| #3 | .0111378 | .0014352 | 28.60476 | .5403360 | .1831909 | -.218329 | 418.8455 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.50509 | 42.47413 | .2197361 | .0057766 | 3.518594 | .9784622 | .9317176 |
| Stddev | .05653   | .21584   | .0056996 | .0005498 | .016532  | .0060032 | .0044080 |
| %RSD   | .4913471 | .5081660 | 2.593841 | 9.518262 | .4698481 | .6135319 | .4731082 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.44395 | 42.25156 | .2263092 | .0058957 | 3.535336 | .9728759 | .9271272 |
| #2 | 11.51586 | 42.48830 | .2167351 | .0051770 | 3.518164 | .9777009 | .9359173 |
| #3 | 11.55547 | 42.68254 | .2161641 | .0062571 | 3.502281 | .9848096 | .9321084 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.374815 | .1773303 | .0088996 | -.002618 | 2.130989 | 1.971723 | 6.688479 |
| Stddev | .047592  | .0035431 | .0001397 | .000480  | .007218  | .001637  | .178871  |
| %RSD   | .8854593 | 1.998012 | 1.569942 | 18.33614 | .3387007 | .0830207 | 2.674320 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.425270 | .1813938 | .0089333 | -.002240 | 2.124044 | 1.970235 | 6.894991 |
| #2 | 5.330727 | .1757099 | .0090193 | -.003158 | 2.130472 | 1.971458 | 6.588295 |
| #3 | 5.368449 | .1748871 | .0087461 | -.002457 | 2.138451 | 1.973477 | 6.582150 |

Sample Name: O3064-01      Acquired: 6/8/2023 20:22:42      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CHRT-24236      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 3.620125 | .0526332 | -.254101 | Z ***** |
| Stddev | .094948  | .0011611 | .001032  | -----   |
| %RSD   | 2.622771 | 2.206071 | .4060211 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 3.729671 | .0523264 | -.255250 | Z 4835.195 |
| #2 | 3.569204 | .0516563 | -.253802 | Z 4819.400 |
| #3 | 3.561500 | .0539169 | -.253252 | Z 4830.311 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4579.570 | 67561.16 | 13633.40 | 4202.603 | 3256.217 |
| Stddev    | 86.006   | 82.51    | 81.95    | 8.457    | 74.335   |
| %RSD      | 1.878043 | .1221283 | .6010698 | .2012246 | 2.282865 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4480.259 | 67499.08 | 13722.28 | 4206.280 | 3170.483 |
| #2 | 4629.409 | 67529.62 | 13617.07 | 4192.931 | 3295.484 |
| #3 | 4629.043 | 67654.79 | 13560.84 | 4208.599 | 3302.683 |

Sample Name: O3068-01      Acquired: 6/8/2023 20:26:27      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SU-2-060623      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076278 | -.033178 | .5035824 | -.117689 | .0047910 | 125.8001 | .5608661 |
| Stddev | .0007862 | .002301  | .0103125 | .006121  | .0005882 | .2753    | .0017714 |
| %RSD   | 10.30780 | 6.935030 | 2.047822 | 5.201296 | 12.27676 | .2188718 | .3158397 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067685 | -.030805 | .4956860 | -.111708 | .0054224 | 125.7612 | .5628379 |
| #2 | .0078035 | -.035399 | .4998116 | -.117418 | .0046921 | 125.5463 | .5594091 |
| #3 | .0083113 | -.033329 | .5152495 | -.123941 | .0042586 | 126.0929 | .5603511 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075934 | .0038244 | 27.29459 | .2270561 | .1378242 | -.266306 | 332.2276 |
| Stddev | .0000210 | .0009629 | .08038   | .0063659 | .0021254 | .016656  | 5.9045   |
| %RSD   | .2766496 | 25.17701 | .2944833 | 2.803661 | 1.542079 | 6.254419 | 1.777232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076101 | .0027142 | 27.38422 | .2341976 | .1358804 | -.285535 | 338.7333 |
| #2 | .0076004 | .0044315 | 27.22891 | .2219774 | .1374987 | -.257032 | 327.2085 |
| #3 | .0075698 | .0043276 | 27.27063 | .2249933 | .1400935 | -.256352 | 330.7412 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.098213 | 41.60558 | .2334822 | .0041234 | 8.529303 | .5288635 | .5809012 |
| Stddev | .013559  | .14799   | .0036757 | .0005174 | .153504  | .0039146 | .0170625 |
| %RSD   | .3308509 | .3556911 | 1.574291 | 12.54691 | 1.799726 | .7401861 | 2.937244 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.098127 | 41.72748 | .2303414 | .0036508 | 8.703973 | .5262120 | .6000553 |
| #2 | 4.084697 | 41.44092 | .2325803 | .0046761 | 8.415867 | .5270190 | .5673278 |
| #3 | 4.111815 | 41.64833 | .2375249 | .0040432 | 8.468069 | .5333596 | .5753206 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.327096 | .1701821 | .0047580 | -.001604 | 5.254455 | 2.000276 | 6.103644 |
| Stddev | .156226  | .0035322 | .0001002 | .000442  | .006565  | .056870  | .095052  |
| %RSD   | 1.876116 | 2.075559 | 2.106001 | 27.57571 | .1249455 | 2.843096 | 1.557301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.502400 | .1742067 | .0048368 | -.002114 | 5.259531 | 2.064208 | 6.005381 |
| #2 | 8.202593 | .1675967 | .0047920 | -.001361 | 5.247041 | 1.955320 | 6.110430 |
| #3 | 8.276296 | .1687429 | .0046453 | -.001336 | 5.256792 | 1.981300 | 6.195121 |

Sample Name: O3068-01      Acquired: 6/8/2023 20:26:27      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SU-2-060623      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 3.829677 | .0272706 | -.193248 | Z ***** |
| Stddev | .069195  | .0012241 | .005819  | -----   |
| %RSD   | 1.806820 | 4.488776 | 3.011109 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 3.771716 | .0260488 | -.199790 | Z 4959.946 |
| #2 | 3.811030 | .0284970 | -.188650 | Z 4922.943 |
| #3 | 3.906285 | .0272660 | -.191304 | Z 4934.618 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4819.964 | 73601.31 | 14276.02 | 4563.157 | 3293.437 |
| Stddev    | 53.380   | 1525.92  | 52.77    | 92.314   | 46.369   |
| %RSD      | 1.107482 | 2.073230 | .3696620 | 2.023029 | 1.407919 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4865.336 | 71861.86 | 14219.80 | 4458.126 | 3334.941 |
| #2 | 4833.409 | 74714.29 | 14324.49 | 4631.426 | 3301.979 |
| #3 | 4761.146 | 74227.79 | 14283.78 | 4599.920 | 3243.391 |

Sample Name: O3069-01      Acquired: 6/8/2023 20:30:13      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB34A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0898681 | -.034204 | 1.040837 | -.103388 | .0044611 | 213.5863 | 1.428470 |
| Stddev | .0039688 | .002452  | .009541  | .006740  | .0011607 | 2.8033   | .018469  |
| %RSD   | 4.416203 | 7.169861 | .9166806 | 6.519355 | 26.01884 | 1.312504 | 1.292937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0894588 | -.034669 | 1.038336 | -.105729 | .0048035 | 214.2171 | 1.435843 |
| #2 | .0861199 | -.036392 | 1.032796 | -.108645 | .0054122 | 210.5214 | 1.407454 |
| #3 | .0940257 | -.031553 | 1.051380 | -.095789 | .0031677 | 216.0206 | 1.442115 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0105878 | .0072379 | 20.35157 | .3607306 | .1442932 | -.353721 | 330.0277 |
| Stddev | .0001494 | .0004864 | .20215   | .0014016 | .0013603 | .003406  | 1.0353   |
| %RSD   | 1.411425 | 6.719613 | .9932972 | .3885386 | .9427139 | .9628526 | .3136891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106928 | .0073514 | 20.44558 | .3619483 | .1444753 | -.351975 | 329.1457 |
| #2 | .0104167 | .0067049 | 20.11954 | .3610449 | .1428511 | -.357646 | 331.1675 |
| #3 | .0106539 | .0076575 | 20.48961 | .3591985 | .1455533 | -.351543 | 329.7699 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.463824 | 46.29363 | .4594702 | .0046023 | 3.757106 | .5056208 | .6699301 |
| Stddev | .062639  | .51760   | .0026895 | .0001498 | .021088  | .0069709 | .0007224 |
| %RSD   | 1.146440 | 1.118083 | .5853487 | 3.254004 | .5612886 | 1.378682 | .1078276 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.467137 | 46.44108 | .4589183 | .0044509 | 3.780967 | .5072346 | .6705449 |
| #2 | 5.399594 | 45.71830 | .4570994 | .0046057 | 3.740970 | .4979846 | .6691345 |
| #3 | 5.524741 | 46.72151 | .4623928 | .0047503 | 3.749380 | .5116433 | .6701110 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.84680 | .1441991 | .0077281 | .0364629 | 5.818223 | 5.476356 | 8.445335 |
| Stddev | .03940   | .0054340 | .0004414 | .0008350 | .072809  | .029651  | .048573  |
| %RSD   | .2486601 | 3.768375 | 5.711851 | 2.290004 | 1.251395 | .5414446 | .5751509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.80142 | .1392726 | .0080331 | .0358973 | 5.839957 | 5.484834 | 8.436254 |
| #2 | 15.87233 | .1500276 | .0072219 | .0360695 | 5.737022 | 5.443389 | 8.401943 |
| #3 | 15.86666 | .1432971 | .0079291 | .0374220 | 5.877690 | 5.500846 | 8.497808 |

Sample Name: O3069-01      Acquired: 6/8/2023 20:30:13      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB34A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 3.942365 | .0592748 | -.138998 | Z ***** |
| Stddev | .038872  | .0022945 | .003205  | -----   |
| %RSD   | .9860111 | 3.870983 | 2.306117 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 3.934022 | .0618467 | -.138067 | Z 5364.404 |
| #2 | 3.908342 | .0585396 | -.142566 | Z 5355.859 |
| #3 | 3.984732 | .0574379 | -.136362 | Z 5363.096 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4826.121 | 72412.53 | 14658.41 | 4516.201 | 3090.580 |
| Stddev    | 22.112   | 305.32   | 136.41   | 20.730   | 19.446   |
| %RSD      | .4581806 | .4216389 | .9305955 | .4590115 | .6292037 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4831.466 | 72325.37 | 14606.58 | 4493.902 | 3091.489 |
| #2 | 4845.071 | 72160.26 | 14813.14 | 4519.814 | 3109.556 |
| #3 | 4801.826 | 72751.95 | 14555.51 | 4534.887 | 3070.696 |

Sample Name: O3069-02      Acquired: 6/8/2023 20:34:00      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB34B      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.024786</b> | <b>.0149110</b> | <b>.0772402</b> | <b>-.157454</b> | <b>.0303281</b> | <b>240.4487</b> |
| Stddev | .002717         | .0036733        | .0015999        | .005761         | .0012733        | 1.6427          |
| %RSD   | 10.96109        | 24.63456        | 2.071336        | 3.658859        | 4.198523        | .6831883        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.026194</b> | <b>.0141412</b> | <b>.0770641</b> | <b>-.161737</b> | <b>.0291452</b> | <b>239.9950</b> |
| #2 | <b>-.026510</b> | <b>.0189082</b> | <b>.0757356</b> | <b>-.150904</b> | <b>.0301632</b> | <b>242.2706</b> |
| #3 | <b>-.021654</b> | <b>.0116837</b> | <b>.0789208</b> | <b>-.159720</b> | <b>.0316758</b> | <b>239.0805</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.013238</b> | <b>.0072428</b> | <b>.0049764</b> | <b>19.63300</b> | <b>.6551495</b> | <b>.3114827</b> |
| Stddev | .009566         | .0000774        | .0004507        | .04101          | .0014121        | .0026348        |
| %RSD   | .3174644        | 1.068665        | 9.057822        | .2088892        | .2155388        | .8458828        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.003144</b> | <b>.0071595</b> | <b>.0047030</b> | <b>19.58654</b> | <b>.6546844</b> | <b>.3084444</b> |
| #2 | <b>3.022170</b> | <b>.0073126</b> | <b>.0054966</b> | <b>19.66417</b> | <b>.6540286</b> | <b>.3128659</b> |
| #3 | <b>3.014401</b> | <b>.0072561</b> | <b>.0047294</b> | <b>19.64829</b> | <b>.6567355</b> | <b>.3131378</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.227645</b> | <b>431.4621</b> | <b>8.841797</b> | <b>114.9084</b> | <b>.9077484</b> | <b>.0048402</b> |
| Stddev | .005270         | 3.6077          | .036027         | .2535           | .0072277        | .0002989        |
| %RSD   | 2.314922        | .8361463        | .4074603        | .2206028        | .7962271        | 6.174236        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.226522</b> | <b>428.4364</b> | <b>8.802370</b> | <b>114.6157</b> | <b>.8994031</b> | <b>.0051602</b> |
| #2 | <b>-.223027</b> | <b>430.4953</b> | <b>8.873002</b> | <b>115.0524</b> | <b>.9120026</b> | <b>.0047921</b> |
| #3 | <b>-.233386</b> | <b>435.4547</b> | <b>8.850021</b> | <b>115.0570</b> | <b>.9118396</b> | <b>.0045684</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.945017</b> | <b>.8151190</b> | <b>.7207019</b> | <b>152.8963</b> | <b>.1795321</b> | <b>.0056284</b> |
| Stddev | .016935         | .0047028        | .0032269        | 1.1600          | .0080184        | .0001517        |
| %RSD   | .8706858        | .5769416        | .4477491        | .7586917        | 4.466293        | 2.695904        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.931846</b> | <b>.8098610</b> | <b>.7170505</b> | <b>151.8901</b> | <b>.1742363</b> | <b>.0057373</b> |
| #2 | <b>1.939085</b> | <b>.8165724</b> | <b>.7218849</b> | <b>152.6336</b> | <b>.1756027</b> | <b>.0056927</b> |
| #3 | <b>1.964120</b> | <b>.8189234</b> | <b>.7231704</b> | <b>154.1651</b> | <b>.1887573</b> | <b>.0054551</b> |

Sample Name: O3069-02      Acquired: 6/8/2023 20:34:00      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB34B      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0608332 | F 31.62414 | 2.732067 | 8.737068 | .4411401 | .0706376 |
| Stddev | .0008732 | .09456     | .026268  | .061852  | .0059870 | .0010324 |
| %RSD   | 1.435436 | .2990026   | .9614870 | .7079286 | 1.357167 | 1.461517 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0617398 | 31.52204 | 2.740055 | 8.665698 | .4343318 | .0705469 |
| #2 | .0607621 | 31.70870 | 2.702732 | 8.775075 | .4455832 | .0717123 |
| #3 | .0599977 | 31.64167 | 2.753415 | 8.770433 | .4435053 | .0696535 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | -.307204 | Z ***** |
| Stddev | .003398  | -----   |
| %RSD   | 1.105949 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.304758 | Z 4788.742 |
| #2 | -.305771 | Z 4781.974 |
| #3 | -.311083 | Z 4784.502 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4181.079 | 64980.95 | 13257.10 | 4053.305 | 2883.361 |
| Stddev    | 20.515   | 336.57   | 33.24    | 16.350   | 16.251   |
| %RSD      | .4906531 | .5179563 | .2507539 | .4033736 | .5636123 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4204.765 | 65124.78 | 13259.99 | 4071.061 | 2902.095 |
| #2 | 4169.548 | 65221.72 | 13222.51 | 4049.985 | 2874.928 |
| #3 | 4168.925 | 64596.36 | 13288.80 | 4038.871 | 2873.060 |

Sample Name: CCV08      Acquired: 6/8/2023 20:37:48      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20550      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.943967</b> | <b>4.938351</b> | <b>4.799723</b> | <b>4.751028</b> | <b>5.005915</b> | <b>9.819808</b> | <b>10.16891</b> |
| Stddev | .112075         | .111136         | .107652         | .110731         | .114190         | .281645         | .31500          |
| %RSD   | 2.266912        | 2.250469        | 2.242876        | 2.330678        | 2.281101        | 2.868130        | 3.097649        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.059499 | 5.048624 | 4.907343 | 4.866945 | 5.124366 | 10.09990 | 10.48638 |
| #2 | 4.835702 | 4.826371 | 4.692039 | 4.646338 | 4.896526 | 9.53664  | 9.85644  |
| #3 | 4.936698 | 4.940057 | 4.799788 | 4.739800 | 4.996853 | 9.82288  | 10.16392 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2277101</b> | <b>2.414962</b> | <b>24.29140</b> | <b>.9556158</b> | <b>2.405961</b> | <b>1.233337</b> | <b>5.145021</b> |
| Stddev | .0052001        | .052958         | .68126          | .0117659        | .054430         | .027430         | .049744         |
| %RSD   | 2.283657        | 2.192896        | 2.804542        | 1.231237        | 2.262297        | 2.224032        | .9668328        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2329318 | 2.468225 | 24.95190 | .9651556 | 2.460812 | 1.262122 | 5.201292 |
| #2 | .2225319 | 2.362315 | 23.59112 | .9592233 | 2.351962 | 1.207500 | 5.126867 |
| #3 | .2276665 | 2.414347 | 24.33120 | .9424685 | 2.405110 | 1.230389 | 5.106904 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.498307</b> | <b>23.51260</b> | <b>2.429641</b> | <b>1.202984</b> | <b>24.38207</b> | <b>2.466388</b> | <b>2.613818</b> |
| Stddev | .065862         | .68006          | .055391         | .012765         | .25358          | .072340         | .034679         |
| %RSD   | 2.636253        | 2.892304        | 2.279787        | 1.061080        | 1.040025        | 2.933043        | 1.326744        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.559060 | 24.14716 | 2.485212 | 1.211349 | 24.65033 | 2.535507 | 2.627776 |
| #2 | 2.428313 | 22.79473 | 2.374432 | 1.209312 | 24.34958 | 2.391208 | 2.639342 |
| #3 | 2.507547 | 23.59592 | 2.429278 | 1.188292 | 24.14630 | 2.472449 | 2.574335 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>26.11154</b> | <b>4.667761</b> | <b>5.061447</b> | <b>4.849871</b> | <b>4.910579</b> | <b>4.881331</b> | <b>4.544486</b> |
| Stddev | .22752          | .092058         | .115591         | .110700         | .144542         | .041047         | .094435         |
| %RSD   | .8713425        | 1.972205        | 2.283745        | 2.282529        | 2.943474        | .8409026        | 2.078016        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 26.34981 | 4.763345 | 5.180879 | 4.958508 | 5.049425 | 4.928452 | 4.642470 |
| #2 | 26.08823 | 4.579690 | 4.950125 | 4.737218 | 4.760946 | 4.862199 | 4.454053 |
| #3 | 25.89656 | 4.660247 | 5.053339 | 4.853886 | 4.921368 | 4.853343 | 4.536935 |

Sample Name: CCV08      Acquired: 6/8/2023 20:37:48      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCV20550      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.752467 | 4.792792 | 5.173305 | Z ***** |
| Stddev | .100256  | .143488  | .092289  | -----   |
| %RSD   | 2.109550 | 2.993827 | 1.783955 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.851779 | 4.938386 | 5.255849 | Z 2673.365 |
| #2 | 4.651294 | 4.651507 | 5.073662 | Z 2662.781 |
| #3 | 4.754328 | 4.788483 | 5.190404 | Z 2664.475 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3738.947 | 57486.37 | 11238.23 | 3534.538 | 3230.166 |
| Stddev    | 77.747   | 737.12   | 275.08   | 43.112   | 67.779   |
| %RSD      | 2.079385 | 1.282252 | 2.447730 | 1.219744 | 2.098302 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3655.146 | 56868.62 | 10952.65 | 3507.479 | 3159.509 |
| #2 | 3808.735 | 57288.15 | 11501.45 | 3511.880 | 3294.643 |
| #3 | 3752.959 | 58302.33 | 11260.58 | 3584.255 | 3236.346 |

Sample Name: CCB08      Acquired: 6/8/2023 20:41:34      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20550      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001706</b> | <b>-.001101</b> | <b>-.000456</b> | <b>-.000476</b> | <b>-.005574</b> | <b>-.000131</b> | <b>-.025704</b> |
| Stddev | .000875         | .000466         | .000775         | .001479         | .000572         | .007934         | .000452         |
| %RSD   | 51.32736        | 42.31692        | 169.9148        | 310.9110        | 10.25459        | 6034.982        | 1.757286        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001251</b> | <b>-.000904</b> | <b>.000143</b>  | <b>.001172</b>  | <b>-.006076</b> | <b>.000988</b>  | <b>-.025307</b> |
| #2 | <b>-.002715</b> | <b>-.001634</b> | <b>-.001332</b> | <b>-.001690</b> | <b>-.005693</b> | <b>-.008565</b> | <b>-.025610</b> |
| #3 | <b>-.001151</b> | <b>-.000766</b> | <b>-.000180</b> | <b>-.000909</b> | <b>-.004952</b> | <b>.007183</b>  | <b>-.026195</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000088</b> | <b>.0000388</b> | <b>-.009082</b> | <b>-.000043</b> | <b>-.000139</b> | <b>.0002343</b> | <b>.0013899</b> |
| Stddev | .0000375        | .0000404        | .005693         | .000178         | .000118         | .0002737        | .0037880        |
| %RSD   | 423.8941        | 104.2512        | 62.67819        | 409.8943        | 84.34049        | 116.8234        | 272.5360        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000003</b> | <b>.0000238</b> | <b>-.004253</b> | <b>.000094</b>  | <b>-.000024</b> | <b>-.000070</b> | <b>.0046919</b> |
| #2 | <b>.000051</b>  | <b>.0000846</b> | <b>-.015359</b> | <b>.000021</b>  | <b>-.000136</b> | <b>.000311</b>  | <b>.0022233</b> |
| #3 | <b>-.000021</b> | <b>.0000080</b> | <b>-.007635</b> | <b>-.000245</b> | <b>-.000259</b> | <b>.000462</b>  | <b>-.002745</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0005734</b> | <b>.0082935</b> | <b>.0005770</b> | <b>.0003551</b> | <b>.0320827</b> | <b>-.000190</b> | <b>-.000634</b> |
| Stddev | .0000224        | .0183796        | .0001327        | .0008136        | .0090352        | .000512         | .000219         |
| %RSD   | 3.904180        | 221.6146        | 23.00509        | 229.0973        | 28.16228        | 269.6452        | 34.55096        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0005927</b> | <b>.0186230</b> | <b>.0006998</b> | <b>.0007604</b> | <b>.0241567</b> | <b>.000077</b>  | <b>-.000755</b> |
| #2 | <b>.0005787</b> | <b>.0191844</b> | <b>.0005950</b> | <b>-.000581</b> | <b>.0419210</b> | <b>.000134</b>  | <b>-.000766</b> |
| #3 | <b>.0005489</b> | <b>-.012927</b> | <b>.0004362</b> | <b>.000886</b>  | <b>.0301706</b> | <b>-.000781</b> | <b>-.000381</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1954618</b> | <b>.0071071</b> | <b>.0014294</b> | <b>.0004505</b> | <b>.0012985</b> | <b>.0055806</b> | <b>.0021829</b> |
| Stddev | .0077081        | .0004333        | .0002967        | .0002531        | .0003913        | .0062422        | .0017846        |
| %RSD   | 3.943538        | 6.097251        | 20.75376        | 56.17436        | 30.13260        | 111.8566        | 81.75538        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2025749</b> | <b>.0075247</b> | <b>.0017462</b> | <b>.0007339</b> | <b>.0017471</b> | <b>.0102204</b> | <b>.0029580</b> |
| #2 | <b>.1872719</b> | <b>.0066596</b> | <b>.0011582</b> | <b>.0002470</b> | <b>.0010277</b> | <b>.0080376</b> | <b>.0001418</b> |
| #3 | <b>.1965387</b> | <b>.0071371</b> | <b>.0013839</b> | <b>.0003707</b> | <b>.0011208</b> | <b>-.001516</b> | <b>.0034490</b> |

Sample Name: CCB08      Acquired: 6/8/2023 20:41:34      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20550      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.001527</b> | <b>-.004387</b> | <b>.0001559</b> | <b>z *****</b> |
| Stddev | .000746         | .001512         | .0000470        | -----          |
| %RSD   | 48.88615        | 34.46292        | 30.13607        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.002134</b> | <b>-.005353</b> | <b>.0001957</b> | <b>z 2425.255</b> |
| #2 | <b>-.001752</b> | <b>-.005164</b> | <b>.0001678</b> | <b>z 2414.707</b> |
| #3 | <b>-.000694</b> | <b>-.002645</b> | <b>.0001041</b> | <b>z 2439.996</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3860.295</b> | <b>59850.71</b> | <b>11245.21</b> | <b>3671.491</b> | <b>3527.228</b> |
| Stddev    | 19.631          | 503.71          | 251.05          | 26.749          | 15.317          |
| %RSD      | .5085326        | .8416156        | 2.232472        | .7285676        | .4342450        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3880.419</b> | <b>60004.07</b> | <b>10969.66</b> | <b>3677.427</b> | <b>3542.294</b> |
| #2 | <b>3859.269</b> | <b>60259.91</b> | <b>11305.02</b> | <b>3694.774</b> | <b>3527.716</b> |
| #3 | <b>3841.198</b> | <b>59288.14</b> | <b>11460.95</b> | <b>3642.272</b> | <b>3511.672</b> |

Sample Name: O3069-04      Acquired: 6/8/2023 20:45:36      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB35A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0659067 | -.019078 | 1.113507 | -.098561 | .0086679 | 115.1232 | 1.043773 |
| Stddev | .0051184 | .001603  | .006912  | .006224  | .0016517 | 3.4330   | .032632  |
| %RSD   | 7.766161 | 8.399734 | .6207042 | 6.314664 | 19.05518 | 2.982027 | 3.126344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0718169 | -.020159 | 1.118405 | -.095028 | .0090305 | 111.6425 | 1.011235 |
| #2 | .0629457 | -.017237 | 1.105601 | -.094907 | .0068651 | 115.2207 | 1.043587 |
| #3 | .0629574 | -.019839 | 1.116516 | -.105747 | .0101083 | 118.5065 | 1.076498 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067143 | .0073831 | 1060.266 | .2793171 | .1307287 | -.154904 | 260.5549 |
| Stddev | .0002731 | .0002077 | 30.954   | .0011268 | .0005415 | .007717  | 4.8000   |
| %RSD   | 4.067755 | 2.813721 | 2.919423 | .4034073 | .4142123 | 4.981590 | 1.842210 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064130 | .0071460 | 1025.306 | .2805086 | .1312623 | -.157811 | 262.6616 |
| #2 | .0069456 | .0074699 | 1084.187 | .2782687 | .1301796 | -.146156 | 255.0618 |
| #3 | .0067843 | .0075334 | 1071.304 | .2791741 | .1307441 | -.160745 | 263.9412 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.328432 | 647.6686 | .7114905 | .0022971 | 2.710105 | .3432182 | .8094827 |
| Stddev | .125279  | 18.9285  | .0035344 | .0009457 | .074950  | .0083000 | .0042742 |
| %RSD   | 2.894323 | 2.922557 | .4967649 | 41.16935 | 2.765571 | 2.418293 | .5280213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.198446 | 626.9767 | .7119574 | .0017994 | 2.750629 | .3349330 | .8045671 |
| #2 | 4.338448 | 651.9176 | .7077458 | .0017041 | 2.623617 | .3431885 | .8115579 |
| #3 | 4.448402 | 664.1115 | .7147683 | .0033876 | 2.756068 | .3515330 | .8123233 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 28.05467 | .1405721 | .0106715 | .0176791 | 6.343746 | 3.169004 | 7.813072 |
| Stddev | .67301   | .0121578 | .0001464 | .0011993 | .188302  | .060250  | .034781  |
| %RSD   | 2.398911 | 8.648813 | 1.372279 | 6.783764 | 2.968314 | 1.901239 | .4451610 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 28.43309 | .1519047 | .0106970 | .0162967 | 6.146775 | 3.172130 | 7.835817 |
| #2 | 27.27763 | .1277300 | .0108036 | .0182990 | 6.362486 | 3.107252 | 7.773034 |
| #3 | 28.45327 | .1420814 | .0105140 | .0184416 | 6.521978 | 3.227631 | 7.830364 |

Sample Name: O3069-04      Acquired: 6/8/2023 20:45:36      Type: Unk  
 Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB35A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.368868 | .1951525 | .6469749 | z ***** |
| Stddev | .021082  | .0110749 | .0261056 | -----   |
| %RSD   | .4825491 | 5.674984 | 4.035024 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.377025 | .1844989 | .6196299 | z 5612.587 |
| #2 | 4.344927 | .1943531 | .6496616 | z 5611.249 |
| #3 | 4.384653 | .2066054 | .6716332 | z 5633.466 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3678.546 | 55363.95 | 12056.66 | 3422.125 | 2469.874 |
| Stddev    | 18.321   | 117.81   | 393.59   | 10.436   | 10.763   |
| %RSD      | .4980447 | .2127879 | 3.264505 | .3049494 | .4357818 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3668.164 | 55229.97 | 12504.76 | 3432.393 | 2466.319 |
| #2 | 3699.700 | 55451.32 | 11766.90 | 3422.454 | 2481.965 |
| #3 | 3667.774 | 55410.56 | 11898.32 | 3411.529 | 2461.337 |

Sample Name: O3069-05      Acquired: 6/8/2023 20:49:32      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB35B      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0462707</b> | <b>-.030415</b> | <b>.5089054</b> | <b>-.135661</b> | <b>.0101773</b> | <b>218.0294</b> |
| Stddev | .0013518        | .005043         | .0115682        | .001599         | .0008220        | 5.2163          |
| %RSD   | 2.921615        | 16.58188        | 2.273147        | 1.178454        | 8.076762        | 2.392498        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0472415 | -.035991 | .5216740 | -.133881 | .0095491 | 216.0139 |
| #2 | .0468440 | -.026173 | .4991232 | -.136127 | .0111076 | 223.9528 |
| #3 | .0447267 | -.029081 | .5059191 | -.136975 | .0098753 | 214.1215 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.731688</b> | <b>.0114889</b> | <b>.0079757</b> | <b>20.32628</b> | <b>.4981378</b> | <b>.2668671</b> |
| Stddev | .044981         | .0000847        | .0011909        | .45558          | .0055439        | .0054523        |
| %RSD   | 2.597551        | .7374320        | 14.93210        | 2.241335        | 1.112928        | 2.043088        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.699172 | .0114030 | .0091939 | 20.02686 | .4955579 | .2731062 |
| #2 | 1.783022 | .0115724 | .0068141 | 20.85058 | .5045015 | .2630174 |
| #3 | 1.712869 | .0114912 | .0079190 | 20.10142 | .4943540 | .2644778 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.460987</b> | <b>400.6684</b> | <b>8.544794</b> | <b>62.21214</b> | <b>.7643045</b> | <b>.0057085</b> |
| Stddev | .013531         | 4.2416          | .216586         | 1.53202         | .0142477        | .0005105        |
| %RSD   | 2.935249        | 1.058629        | 2.534710        | 2.462574        | 1.864145        | 8.943337        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.447554 | 397.0396 | 8.398048 | 61.15246 | .7804256 | .0051727 |
| #2 | -.474614 | 405.3314 | 8.793548 | 63.96872 | .7534012 | .0061893 |
| #3 | -.460793 | 399.6340 | 8.442786 | 61.51524 | .7590866 | .0057636 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.242814</b> | <b>.6218323</b> | <b>.5739368</b> | <b>33.18295</b> | <b>.1631695</b> | <b>.0105930</b> |
| Stddev | .026670         | .0161723        | .0057618        | .25796          | .0056928        | .0002331        |
| %RSD   | 1.189129        | 2.600749        | 1.003900        | .7773984        | 3.488906        | 2.200427        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.222502 | .6100789 | .5729004 | 32.94833 | .1638652 | .0107672 |
| #2 | 2.273016 | .6402762 | .5801464 | 33.45920 | .1571607 | .0106836 |
| #3 | 2.232924 | .6151417 | .5687635 | 33.14133 | .1684825 | .0103282 |

Sample Name: O3069-05      Acquired: 6/8/2023 20:49:32      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB35B      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0216624 | F 11.68649 | 2.701368 | 6.865711 | 3.890052 | .1078166 |
| Stddev | .0015789 | .28833     | .026937  | .141293  | .082367  | .0024172 |
| %RSD   | 7.288618 | 2.467214   | .9971435 | 2.057945 | 2.117385 | 2.241923 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0203576 | 11.47761 | 2.674988 | 7.022531 | 3.982010 | .1055557 |
| #2 | .0234176 | 12.01545 | 2.728828 | 6.748323 | 3.823043 | .1103644 |
| #3 | .0212120 | 11.56641 | 2.700288 | 6.826281 | 3.865104 | .1075297 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | -.261102 | Z ***** |
| Stddev | .001029  | -----   |
| %RSD   | .3940367 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.259914 | Z 5756.334 |
| #2 | -.261681 | Z 5775.900 |
| #3 | -.261711 | Z 5765.250 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5001.133 | 75051.90 | 14984.91 | 4712.812 | 3124.708 |
| Stddev    | 62.957   | 449.69   | 305.75   | 38.292   | 51.450   |
| %RSD      | 1.258860 | .5991768 | 2.040385 | .8125054 | 1.646555 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4930.577 | 75376.37 | 15168.15 | 4736.286 | 3066.700 |
| #2 | 5051.575 | 74538.57 | 14631.95 | 4668.625 | 3164.821 |
| #3 | 5021.248 | 75240.75 | 15154.63 | 4733.525 | 3142.603 |

Sample Name: O3069-07      Acquired: 6/8/2023 20:53:26      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB36      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0261017 | -.018113 | .3002254 | -.110533 | .0069710 | 218.2374 | .8813979 |
| Stddev | .0022360 | .001800  | .0046199 | .003704  | .0013621 | 2.2077   | .0096311 |
| %RSD   | 8.566399 | 9.936885 | 1.538819 | 3.351218 | 19.53911 | 1.011603 | 1.092701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0235355 | -.019937 | .2992632 | -.111499 | .0055446 | 220.7788 | .8924557 |
| #2 | .0271392 | -.018062 | .2961623 | -.106441 | .0082580 | 216.7934 | .8748440 |
| #3 | .0276306 | -.016339 | .3052506 | -.113658 | .0071103 | 217.1401 | .8768941 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081542 | .0018748 | 11.63672 | .4090907 | .1608986 | -.447678 | 341.0367 |
| Stddev | .0000686 | .0006686 | .08419   | .0011690 | .0030085 | .006470  | 1.5650   |
| %RSD   | .8409766 | 35.66537 | .7234622 | .2857457 | 1.869834 | 1.445140 | .4589058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0080883 | .0013574 | 11.72881 | .4103894 | .1592363 | -.454252 | 342.8361 |
| #2 | .0082252 | .0016371 | 11.56372 | .4081228 | .1590880 | -.447463 | 339.9929 |
| #3 | .0081491 | .0026298 | 11.61761 | .4087600 | .1643715 | -.441319 | 340.2810 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.819694 | 55.94622 | .4144835 | .0044402 | 2.506886 | .4424757 | .4142823 |
| Stddev | .032494  | .53578   | .0067015 | .0002883 | .022018  | .0066066 | .0026023 |
| %RSD   | .8506931 | .9576642 | 1.616827 | 6.493399 | .8782879 | 1.493100 | .6281476 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.856898 | 56.56209 | .4105142 | .0046644 | 2.532307 | .4495947 | .4138363 |
| #2 | 3.796881 | 55.58748 | .4107155 | .0045412 | 2.493815 | .4365420 | .4119319 |
| #3 | 3.805303 | 55.68907 | .4222208 | .0041150 | 2.494537 | .4412903 | .4170788 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.53770 | .1423167 | .0074135 | .0069186 | 8.153326 | 3.337101 | 6.163366 |
| Stddev | .05399   | .0026371 | .0003423 | .0013384 | .088687  | .042393  | .080224  |
| %RSD   | .2763394 | 1.852959 | 4.616576 | 19.34467 | 1.087739 | 1.270349 | 1.301621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.59825 | .1436631 | .0070198 | .0062864 | 8.255595 | 3.385767 | 6.142258 |
| #2 | 19.52026 | .1392782 | .0076395 | .0060133 | 8.097596 | 3.308205 | 6.095807 |
| #3 | 19.49458 | .1440088 | .0075814 | .0084559 | 8.106786 | 3.317330 | 6.252034 |

Sample Name: O3069-07      Acquired: 6/8/2023 20:53:26      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB36      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .8387779 | .0532921 | -.204231 | Z ***** |
| Stddev | .0126293 | .0012617 | .000421  | -----   |
| %RSD   | 1.505684 | 2.367527 | .2062236 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .8370907 | .0536939 | -.204705 | Z 4897.449 |
| #2 | .8270771 | .0518784 | -.204089 | Z 4913.048 |
| #3 | .8521661 | .0543039 | -.203899 | Z 4896.962 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4418.860 | 66869.44 | 13250.77 | 4216.110 | 3127.231 |
| Stddev    | 54.877   | 256.49   | 89.30    | 9.700    | 42.835   |
| %RSD      | 1.241884 | .3835621 | .6738913 | .2300665 | 1.369752 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4446.134 | 66573.60 | 13148.45 | 4206.473 | 3151.180 |
| #2 | 4454.756 | 67005.30 | 13312.94 | 4225.872 | 3152.735 |
| #3 | 4355.689 | 67029.41 | 13290.93 | 4215.986 | 3077.777 |

Sample Name: O3071-01      Acquired: 6/8/2023 20:57:15      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0392756 | -.036236 | .4089568 | -.116167 | -.000011 | 127.1242 | .5693582 |
| Stddev | .0021383 | .002089  | .0013679 | .003860  | .001092  | .3022    | .0024616 |
| %RSD   | 5.444402 | 5.765324 | .3344912 | 3.323212 | 9851.895 | .2376997 | .4323447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0405288 | -.037494 | .4100738 | -.112359 | -.001269 | 127.4020 | .5693794 |
| #2 | .0368065 | -.033825 | .4074311 | -.116064 | .000698  | 126.8024 | .5668860 |
| #3 | .0404913 | -.037390 | .4093655 | -.120077 | .000537  | 127.1681 | .5718090 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071763 | .0063559 | 82.66651 | .2060554 | .1533593 | -.236178 | 314.2561 |
| Stddev | .0000496 | .0001768 | .15774   | .0007761 | .0003776 | .000992  | .7484    |
| %RSD   | .6907509 | 2.781289 | .1908170 | .3766679 | .2462426 | .4200407 | .2381573 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071383 | .0064393 | 82.62248 | .2052876 | .1532203 | -.235301 | 313.5811 |
| #2 | .0072324 | .0061529 | 82.53547 | .2068396 | .1530708 | -.235979 | 314.1261 |
| #3 | .0071583 | .0064756 | 82.84159 | .2060392 | .1537867 | -.237255 | 315.0610 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.836871 | 61.11442 | .3037041 | .0033353 | 1.211101 | .2797762 | .7271937 |
| Stddev | .008843  | .08632   | .0006366 | .0004068 | .004411  | .0012399 | .0041864 |
| %RSD   | .1000717 | .1412364 | .2095994 | 12.19745 | .3641958 | .4431620 | .5756964 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.839484 | 61.01966 | .3033418 | .0030617 | 1.216038 | .2794666 | .7225294 |
| #2 | 8.827015 | 61.18856 | .3033314 | .0031415 | 1.209719 | .2787205 | .7284261 |
| #3 | 8.844112 | 61.13502 | .3044391 | .0038029 | 1.207547 | .2811415 | .7306256 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.347048 | .1446528 | .0043216 | .0398930 | 1.420787 | 2.342146 | 6.867473 |
| Stddev | .006540  | .0038510 | .0001888 | .0004144 | .003082  | .009849  | .012356  |
| %RSD   | .0699723 | 2.662237 | 4.369067 | 1.038867 | .2169449 | .4205281 | .1799216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.353835 | .1402183 | .0041155 | .0399084 | 1.420231 | 2.353498 | 6.862366 |
| #2 | 9.346523 | .1465846 | .0043631 | .0394711 | 1.418020 | 2.337073 | 6.858489 |
| #3 | 9.340786 | .1471556 | .0044862 | .0402996 | 1.424109 | 2.335868 | 6.881564 |

Sample Name: O3071-01      Acquired: 6/8/2023 20:57:15      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>3.185041</b> | <b>.1415382</b> | <b>-.038912</b> | <b>Z *****</b> |
| Stddev | .014445         | .0032045        | .000775         | -----          |
| %RSD   | .4535386        | 2.264084        | 1.990473        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>3.186837</b> | <b>.1451378</b> | <b>-.038049</b> | <b>Z 4648.411</b> |
| #2 | <b>3.169782</b> | <b>.1389959</b> | <b>-.039141</b> | <b>Z 4645.921</b> |
| #3 | <b>3.198504</b> | <b>.1404810</b> | <b>-.039546</b> | <b>Z 4659.336</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4538.066</b> | <b>68879.68</b> | <b>13675.86</b> | <b>4260.230</b> | <b>3226.250</b> |
| Stddev    | 6.997           | 269.30          | 36.06           | 21.416          | 4.429           |
| %RSD      | .1541929        | .3909670        | .2636573        | .5027042        | .1372942        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4545.675</b> | <b>69180.69</b> | <b>13713.72</b> | <b>4284.654</b> | <b>3231.320</b> |
| #2 | <b>4531.907</b> | <b>68661.61</b> | <b>13641.92</b> | <b>4244.664</b> | <b>3224.297</b> |
| #3 | <b>4536.615</b> | <b>68796.75</b> | <b>13671.93</b> | <b>4251.371</b> | <b>3223.132</b> |

Sample Name: O3092-01      Acquired: 6/8/2023 21:01:03      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004974</b> | <b>-.019108</b> | <b>.0372789</b> | <b>-.074357</b> | <b>-.000044</b> | <b>56.83065</b> |
| Stddev | .002172         | .002233         | .0006724        | .003484         | .000648         | .35196          |
| %RSD   | 43.65591        | 11.68440        | 1.803702        | 4.685105        | 1481.774        | .6193159        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007410</b> | <b>-.021645</b> | <b>.0370112</b> | <b>-.071535</b> | <b>.000703</b>  | <b>56.89704</b> |
| #2 | <b>-.003241</b> | <b>-.018235</b> | <b>.0380439</b> | <b>-.078251</b> | <b>-.000458</b> | <b>56.45023</b> |
| #3 | <b>-.004272</b> | <b>-.017443</b> | <b>.0367816</b> | <b>-.073285</b> | <b>-.000377</b> | <b>57.14469</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7137492</b> | <b>.0039745</b> | <b>.0050960</b> | <b>43.95966</b> | <b>.1023362</b> | <b>.1436141</b> |
| Stddev | .0033758        | .0000416        | .0000306        | .25253          | .0013292        | .0007156        |
| %RSD   | .4729696        | 1.045304        | .6013213        | .5744483        | 1.298805        | .4983104        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7158559</b> | <b>.0040220</b> | <b>.0050691</b> | <b>44.04595</b> | <b>.1038710</b> | <b>.1441438</b> |
| #2 | <b>.7098556</b> | <b>.0039451</b> | <b>.0051293</b> | <b>43.67530</b> | <b>.1015719</b> | <b>.1438986</b> |
| #3 | <b>.7155362</b> | <b>.0039564</b> | <b>.0050896</b> | <b>44.15772</b> | <b>.1015657</b> | <b>.1428000</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.247791</b> | <b>208.3302</b> | <b>4.431089</b> | <b>29.75235</b> | <b>.1574549</b> | <b>.0024997</b> |
| Stddev | .001553         | .9464           | .025104         | .14978          | .0015145        | .0006408        |
| %RSD   | .6266204        | .4543019        | .5665385        | .5034245        | .9618860        | 25.63502        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.249477</b> | <b>209.4197</b> | <b>4.421582</b> | <b>29.74728</b> | <b>.1590927</b> | <b>.0021050</b> |
| #2 | <b>-.246420</b> | <b>207.7106</b> | <b>4.412127</b> | <b>29.60517</b> | <b>.1571672</b> | <b>.0021550</b> |
| #3 | <b>-.247474</b> | <b>207.8605</b> | <b>4.459558</b> | <b>29.90460</b> | <b>.1561049</b> | <b>.0032390</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.333452</b> | <b>.1401620</b> | <b>.2321931</b> | <b>20.56420</b> | <b>.0844850</b> | <b>.0040141</b> |
| Stddev | .002913         | .0022513        | .0050389        | .09068          | .0028453        | .0000349        |
| %RSD   | .2184539        | 1.606216        | 2.170115        | .4409675        | 3.367756        | .8686910        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.336560</b> | <b>.1391608</b> | <b>.2379640</b> | <b>20.65777</b> | <b>.0877521</b> | <b>.0039766</b> |
| #2 | <b>1.333014</b> | <b>.1385850</b> | <b>.2299498</b> | <b>20.47671</b> | <b>.0831516</b> | <b>.0040455</b> |
| #3 | <b>1.330784</b> | <b>.1427403</b> | <b>.2286654</b> | <b>20.55812</b> | <b>.0825514</b> | <b>.0040203</b> |

Sample Name: O3092-01      Acquired: 6/8/2023 21:01:03      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.000329</b> | <b>4.489318</b> | <b>5.000684</b> | <b>F 17.57113</b> | <b>.6213405</b> | <b>.0013744</b> |
| Stddev | .000295         | .029282         | .036822         | .10056            | .0011168        | .0023982        |
| %RSD   | 89.64010        | .6522488        | .7363337        | .5722884          | .1797376        | 174.4921        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000579</b> | <b>4.499845</b> | <b>5.042161</b> | <b>17.65956</b> | <b>.6217019</b> | <b>-.000354</b> |
| #2 | <b>-.000406</b> | <b>4.456228</b> | <b>4.971846</b> | <b>17.59208</b> | <b>.6222319</b> | <b>.000364</b>  |
| #3 | <b>-.000003</b> | <b>4.511880</b> | <b>4.988046</b> | <b>17.46174</b> | <b>.6200878</b> | <b>.004112</b>  |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>-.103887</b> | <b>Z *****</b> |
| Stddev | .001200         | -----          |
| %RSD   | 1.154879        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>-.105149</b> | <b>Z 6092.441</b> |
| #2 | <b>-.103751</b> | <b>Z 6099.940</b> |
| #3 | <b>-.102761</b> | <b>Z 6097.147</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5633.945</b> | <b>85311.31</b> | <b>16735.70</b> | <b>5271.728</b> | <b>3317.676</b> |
| Stddev    | 24.914          | 619.63          | 86.73           | 36.066          | 19.784          |
| %RSD      | .4422136        | .7263191        | .5182081        | .6841331        | .5963277        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5609.497</b> | <b>84596.03</b> | <b>16698.27</b> | <b>5230.355</b> | <b>3298.619</b> |
| #2 | <b>5633.038</b> | <b>85653.88</b> | <b>16834.85</b> | <b>5288.300</b> | <b>3316.294</b> |
| #3 | <b>5659.300</b> | <b>85684.02</b> | <b>16673.97</b> | <b>5296.529</b> | <b>3338.115</b> |

Sample Name: O3092-04      Acquired: 6/8/2023 21:04:51      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038240 | -.023851 | .0347140 | -.075482 | -.000175 | 56.94479 |
| Stddev | .0023745 | .002937  | .0011605 | .004999  | .000435  | .36663   |
| %RSD   | 62.09484 | 12.31396 | 3.342985 | 6.622272 | 249.2901 | .6438412 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0025326 | -.023952 | .0333906 | -.070209 | .000280  | 56.52438 |
| #2 | .0065643 | -.020865 | .0351936 | -.076086 | -.000588 | 57.11184 |
| #3 | .0023750 | -.026736 | .0355579 | -.080152 | -.000216 | 57.19815 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6762407 | .0038600 | .0066493 | 47.20021 | .0837546 | .1144107 |
| Stddev | .0048070 | .0000932 | .0002512 | .32023   | .0002790 | .0011683 |
| %RSD   | .7108460 | 2.413874 | 3.777537 | .6784464 | .3330847 | 1.021158 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6712831 | .0037630 | .0067218 | 46.83089 | .0834365 | .1142119 |
| #2 | .6808815 | .0039488 | .0063698 | 47.36909 | .0838694 | .1133545 |
| #3 | .6765573 | .0038683 | .0068562 | 47.40064 | .0839578 | .1156656 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.224447 | 208.0553 | 3.357267 | 28.44001 | .1402524 | .0024019 |
| Stddev | .001732  | 1.0993   | .029296  | .11991   | .0013317 | .0003724 |
| %RSD   | .7717238 | .5283688 | .8726063 | .4216228 | .9494892 | 15.50477 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.222706 | 206.8176 | 3.324229 | 28.30576 | .1395772 | .0019848 |
| #2 | -.226170 | 208.9182 | 3.367491 | 28.47778 | .1393936 | .0025198 |
| #3 | -.224466 | 208.4300 | 3.380081 | 28.53648 | .1417865 | .0027011 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.339666 | .1354282 | .2032424 | 21.94252 | .0817965 | .1180418 |
| Stddev | .001666  | .0014911 | .0009987 | .09835   | .0009154 | .0006877 |
| %RSD   | .1243881 | 1.101009 | .4913750 | .4482088 | 1.119120 | .5826098 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.338159 | .1346674 | .2029113 | 21.86214 | .0807443 | .1179391 |
| #2 | 1.341456 | .1344709 | .2024514 | 22.05218 | .0822351 | .1174111 |
| #3 | 1.339384 | .1371462 | .2043646 | 21.91323 | .0824100 | .1187750 |

Sample Name: O3092-04      Acquired: 6/8/2023 21:04:51      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.002575</b> | <b>4.527389</b> | <b>5.980250</b> | <b>F 20.85961</b> | <b>1.217945</b> | <b>-.002142</b> |
| Stddev | .000804         | .022623         | .028896         | .14823            | .011862         | .000682         |
| %RSD   | 31.24017        | .4996979        | .4831821        | .7106174          | .9739071        | 31.83030        |
| #1     | <b>-.002127</b> | <b>4.501294</b> | <b>5.970804</b> | <b>20.82562</b>   | <b>1.217530</b> | <b>-.002323</b> |
| #2     | <b>-.002094</b> | <b>4.539385</b> | <b>6.012686</b> | <b>20.73132</b>   | <b>1.206296</b> | <b>-.002714</b> |
| #3     | <b>-.003503</b> | <b>4.541487</b> | <b>5.957259</b> | <b>21.02188</b>   | <b>1.230009</b> | <b>-.001388</b> |

|        |                 |                   |
|--------|-----------------|-------------------|
| Elem   | Sr4077          | Ce4040            |
| Units  | ppm             | Cts/S             |
| Avg    | <b>-.114711</b> | <b>z *****</b>    |
| Stddev | .000495         | -----             |
| %RSD   | .4313531        | -----             |
| #1     | <b>-.114279</b> | <b>z 6998.205</b> |
| #2     | <b>-.115250</b> | <b>z 6983.610</b> |
| #3     | <b>-.114603</b> | <b>z 6989.106</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5761.952</b> | <b>88080.98</b> | <b>17377.46</b> | <b>5435.562</b> | <b>3207.589</b> |
| Stddev    | 24.122          | 222.14          | 91.52           | 8.245           | 22.176          |
| %RSD      | .4186503        | .2522047        | .5266697        | .1516854        | .6913751        |
| #1        | <b>5764.403</b> | <b>88251.90</b> | <b>17474.78</b> | <b>5445.079</b> | <b>3209.999</b> |
| #2        | <b>5784.755</b> | <b>87829.88</b> | <b>17364.50</b> | <b>5431.041</b> | <b>3228.461</b> |
| #3        | <b>5736.698</b> | <b>88161.18</b> | <b>17293.11</b> | <b>5430.567</b> | <b>3184.305</b> |

Sample Name: CCV09      Acquired: 6/8/2023 21:08:38      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB12063      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.773804</b> | <b>4.732390</b> | <b>4.602003</b> | <b>4.598855</b> | <b>4.811115</b> | <b>10.07434</b> |
| Stddev | .014395         | .008004         | .009186         | .017502         | .007612         | .07030          |
| %RSD   | .3015397        | .1691394        | .1995997        | .3805659        | .1582068        | .6977961        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.763532 | 4.728274 | 4.595263 | 4.580028 | 4.803134 | 10.15473 |
| #2 | 4.767622 | 4.727282 | 4.598280 | 4.601909 | 4.811919 | 10.02435 |
| #3 | 4.790257 | 4.741615 | 4.612466 | 4.614629 | 4.818293 | 10.04397 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.41688</b> | <b>.2357088</b> | <b>2.313857</b> | <b>24.93779</b> | <b>.9801407</b> | <b>2.292611</b> |
| Stddev | .08693          | .0014613        | .004620         | .18269          | .0220956        | .003688         |
| %RSD   | .8344847        | .6199794        | .1996647        | .7325956        | 2.254334        | .1608747        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.50850 | .2372686 | 2.309689 | 25.12108 | .9941262 | 2.289149 |
| #2 | 10.33557 | .2343714 | 2.313058 | 24.75570 | .9916282 | 2.292193 |
| #3 | 10.40658 | .2354864 | 2.318825 | 24.93661 | .9546676 | 2.296490 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.179323</b> | <b>5.258231</b> | <b>2.564222</b> | <b>24.26760</b> | <b>2.322283</b> | <b>1.238225</b> |
| Stddev | .003440         | .116640         | .013164         | .17082          | .003012         | .024309         |
| %RSD   | .2917040        | 2.218241        | .5133784        | .7038861        | .1297184        | 1.963240        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.175961 | 5.329600 | 2.578945 | 24.46456 | 2.319688 | 1.253813 |
| #2 | 1.179172 | 5.321464 | 2.553587 | 24.17820 | 2.321576 | 1.250649 |
| #3 | 1.182836 | 5.123628 | 2.560133 | 24.16003 | 2.325587 | 1.210215 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.98213</b> | <b>2.525886</b> | <b>2.697684</b> | <b>26.67714</b> | <b>4.819249</b> | <b>4.797557</b> |
| Stddev | .51322          | .020276         | .050081         | .52005          | .030241         | .008715         |
| %RSD   | 2.054358        | .8027270        | 1.856456        | 1.949429        | .6274951        | .1816491        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.34026 | 2.548228 | 2.735745 | 26.96261 | 4.852428 | 4.788093 |
| #2 | 25.21197 | 2.508655 | 2.716358 | 26.99194 | 4.793234 | 4.799328 |
| #3 | 24.39416 | 2.520775 | 2.640948 | 26.07688 | 4.812086 | 4.805251 |

Sample Name: CCV09      Acquired: 6/8/2023 21:08:38      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB12063      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 4.654408 | 5.032944 | 4.994840 | F 4.426940 | 4.629586 | 4.906824 |
| Stddev | .009686  | .041267  | .077823  | .002769    | .007029  | .030199  |
| %RSD   | .2080934 | .8199378 | 1.558065 | .0625529   | .1518279 | .6154463 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.646748 | 5.077260 | 5.059089 | 4.423742 | 4.637556 | 4.941112 |
| #2 | 4.651181 | 4.995619 | 5.017125 | 4.428551 | 4.626934 | 4.884184 |
| #3 | 4.665295 | 5.025955 | 4.908306 | 4.428526 | 4.624269 | 4.895176 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 5.221498 | Z ***** |
| Stddev | .040167  | -----   |
| %RSD   | .7692663 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 5.261215 | Z 2671.663 |
| #2 | 5.180895 | Z 2686.864 |
| #3 | 5.222384 | Z 2659.494 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3888.041 | 56197.60 | 10969.54 | 3477.718 | 3345.535 |
| Stddev    | 5.934    | 1231.39  | 74.83    | 71.468   | 3.669    |
| %RSD      | .1526228 | 2.191173 | .6821688 | 2.055025 | .1096712 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3886.523 | 55400.90 | 10883.13 | 3427.258 | 3344.114 |
| #2 | 3883.012 | 55576.01 | 11012.92 | 3446.397 | 3342.789 |
| #3 | 3894.586 | 57615.89 | 11012.56 | 3559.499 | 3349.702 |

Sample Name: CCB09      Acquired: 6/8/2023 21:12:25      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      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    | .0002670 | .0005453 | -.000571 | .0030447 | -.004927 | .0053086 | -.025770 |
| Stddev | .0019744 | .0005717 | .000701  | .0038451 | .000760  | .0045954 | .001611  |
| %RSD   | 739.5942 | 104.8261 | 122.7166 | 126.2884 | 15.41829 | 86.56625 | 6.249845 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019263 | -.000052 | .000236  | .0014426 | -.005801 | .0098775 | -.027542 |
| #2 | -.001917 | .000601  | -.000920 | .0002597 | -.004425 | .0006871 | -.024395 |
| #3 | .000791  | .001087  | -.001030 | .0074319 | -.004554 | .0053612 | -.025371 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000022 | .0000488 | .0003908 | -.000143 | -.000137 | -.000049 | -.000935 |
| Stddev | .000031  | .0000718 | .0059279 | .000104  | .000158  | .000217  | .002640  |
| %RSD   | 139.3330 | 146.9932 | 1516.919 | 72.15478 | 114.8004 | 447.0860 | 282.2858 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000004  | -.000034 | .0052296 | -.000074 | -.000119 | -.000050 | -.000520 |
| #2 | -.000015 | .000086  | -.006221 | -.000262 | -.000303 | .000170  | -.003758 |
| #3 | -.000056 | .000094  | .002164  | -.000094 | .000010  | -.000265 | .001473  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003486 | .0115655 | .0006638 | .0011282 | .0264765 | -.000953 | -.000620 |
| Stddev | .0001280 | .0142101 | .0002311 | .0003566 | .0107858 | .001876  | .000273  |
| %RSD   | 36.71140 | 122.8664 | 34.82079 | 31.60922 | 40.73727 | 196.7841 | 44.06488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004962 | .0156791 | .0009177 | .0015400 | .0235173 | .000931  | -.000626 |
| #2 | .0002791 | .0232650 | .0004657 | .0009165 | .0384331 | -.002821 | -.000344 |
| #3 | .0002703 | -.004248 | .0006080 | .0009282 | .0174792 | -.000970 | -.000891 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1553503 | .0074311 | .0014133 | .0003820 | .0029428 | .0070493 | .0027727 |
| Stddev | .0090728 | .0001261 | .0002930 | .0003759 | .0008376 | .0042957 | .0004962 |
| %RSD   | 5.840216 | 1.696298 | 20.72890 | 98.39499 | 28.46310 | 60.93809 | 17.89385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1587545 | .0075719 | .0016747 | .0006174 | .0023998 | .0118712 | .0027558 |
| #2 | .1622286 | .0073926 | .0014685 | -.000051 | .0025212 | .0036307 | .0032771 |
| #3 | .1450677 | .0073287 | .0010967 | .000580  | .0039075 | .0056461 | .0022853 |

Sample Name: CCB09      Acquired: 6/8/2023 21:12:25      Type: Unk  
Method: NON EPA-6010-200.7(v1874)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003437</b> | <b>-.006283</b> | <b>.0001265</b> | <b>z *****</b> |
| Stddev | .003350         | .001610         | .0000765        | -----          |
| %RSD   | 97.47669        | 25.62747        | 60.45983        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.007082</b> | <b>-.004440</b> | <b>.0001076</b> | <b>z 2435.320</b> |
| #2 | <b>-.000492</b> | <b>-.006991</b> | <b>.0000613</b> | <b>z 2441.411</b> |
| #3 | <b>-.002737</b> | <b>-.007418</b> | <b>.0002107</b> | <b>z 2452.322</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3920.749</b> | <b>58547.02</b> | <b>11538.29</b> | <b>3632.624</b> | <b>3541.340</b> |
| Stddev    | 71.723          | 1903.24         | 314.38          | 119.295         | 63.391          |
| %RSD      | 1.829322        | 3.250797        | 2.724628        | 3.283999        | 1.790031        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3928.433</b> | <b>56663.12</b> | <b>11272.77</b> | <b>3517.789</b> | <b>3556.237</b> |
| #2 | <b>3845.494</b> | <b>60469.04</b> | <b>11456.66</b> | <b>3755.929</b> | <b>3471.827</b> |
| #3 | <b>3988.322</b> | <b>58508.89</b> | <b>11885.42</b> | <b>3624.153</b> | <b>3595.956</b> |