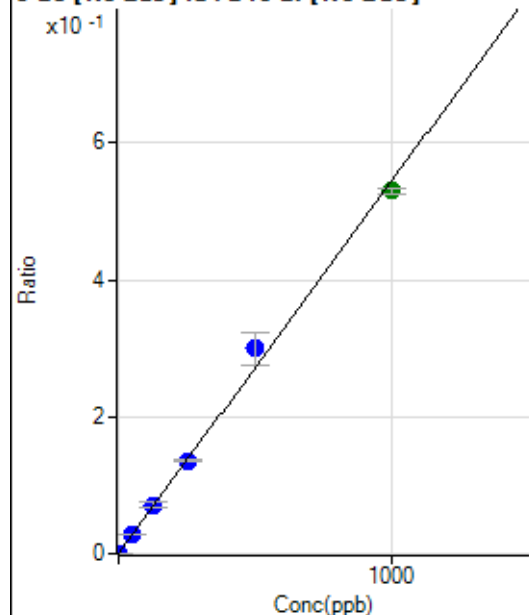


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8061523-MS.b\  
Analysis File: P8061523-MS.batch.bin  
DA Date-Time: 2023-06-15 17:44:04  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2023-06-15 16:52:25 |
| 2     | 005CALS.d          | S02         | 2023-06-15 16:58:31 |
| 3     | 006CALS.d          | S03         | 2023-06-15 17:01:36 |
| 4     | 007CALS.d          | S04         | 2023-06-15 17:04:35 |
| 5     | 008CALS.d          | S05         | 2023-06-15 17:07:35 |
| 6     | 009CALS.d          | S06         | 2023-06-15 17:10:34 |
| 7     | 010CALS.d          | S07         | 2023-06-15 17:13:35 |
| 8     | 011CALS.d          | S08         | 2023-06-15 17:16:33 |

**9 Be [No Gas] ISTD:6 Li [No Gas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 107.49     | 0.0001 | P    | 10.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.989      | 1275.32    | 0.0006 | P    | 3.3  |
| 3 | <input type="checkbox"/> | 50.000   | 50.897     | 60114.53   | 0.0277 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 125.000  | 130.193    | 144065.07  | 0.0708 | P    | 10.8 |
| 5 | <input type="checkbox"/> | 250.000  | 249.082    | 287678.27  | 0.1355 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 550.564    | 562688.29  | 0.2994 | P    | 16.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 974.254    | 1119583.67 | 0.5298 | A    | 1.9  |
| 8 | <input type="checkbox"/> |          |            | 1060.33    | 0.0005 | P    | 11.2 |

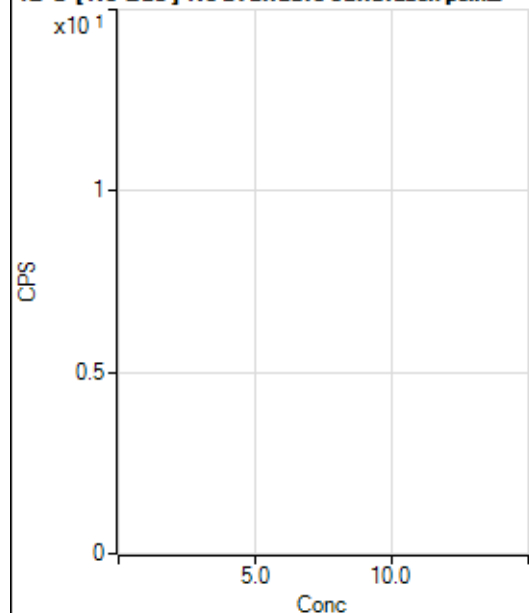
$$y = 5.4377\text{E-}004 * x + 5.0310\text{E-}005$$

$$R = 0.9981$$

$$DL = 0.02878$$

Weight: &lt;None&gt;

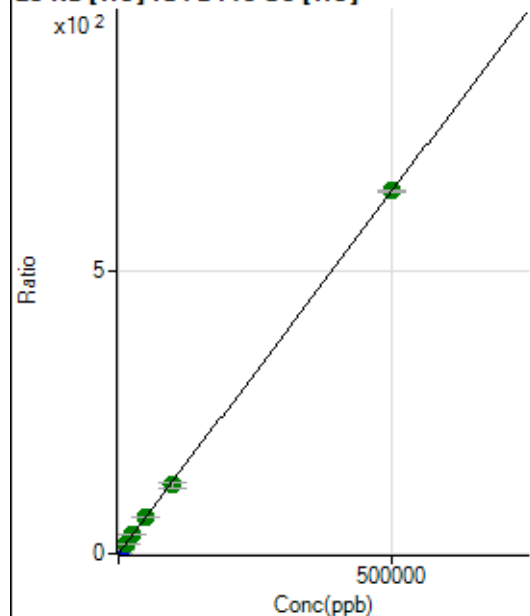
Min Conc: 0

**12 C [No Gas] No available calibration points**

|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|------------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 2196789.39 |       | A    | 1.6 |
| 2 | <input type="checkbox"/> |       |            | 2155255.74 |       | A    | 0.5 |
| 3 | <input type="checkbox"/> |       |            | 2347650.42 |       | A    | 2.3 |
| 4 | <input type="checkbox"/> |       |            | 2435088.51 |       | A    | 3.1 |
| 5 | <input type="checkbox"/> |       |            | 2485637.62 |       | A    | 3.5 |
| 6 | <input type="checkbox"/> |       |            | 2810019.09 |       | A    | 4.9 |
| 7 | <input type="checkbox"/> |       |            | 2598945.39 |       | A    | 3.1 |
| 8 | <input type="checkbox"/> |       |            | 2364119.65 |       | A    | 1.3 |

**12 C [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 27111.71 |       | P        | 1.3 |
| 2 | <input type="checkbox"/> |       |            | 26354.77 |       | P        | 1.9 |
| 3 | <input type="checkbox"/> |       |            | 30329.13 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> |       |            | 31194.85 |       | P        | 3.6 |
| 5 | <input type="checkbox"/> |       |            | 33580.65 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> |       |            | 39511.94 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> |       |            | 35627.21 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> |       |            | 33318.99 |       | P        | 1.2 |

**23 Na [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 19747.15    | 0.1436   | P        | 2.1 |
| 2 | <input type="checkbox"/> | 500.000   | 480.158    | 104375.17   | 0.7574   | P        | 2.8 |
| 3 | <input type="checkbox"/> | 5000.000  | 5447.334   | 946975.01   | 7.1077   | P        | 4.3 |
| 4 | <input type="checkbox"/> | 12500.000 | 13377.591  | 2350263.81  | 17.2460  | A        | 0.8 |
| 5 | <input type="checkbox"/> | 25000.000 | 26127.532  | 4571446.46  | 33.5460  | A        | 0.9 |
| 6 | <input type="checkbox"/> | 50000.000 | 51148.666  | 8940517.91  | 65.5339  | A        | 0.9 |
| 7 | <input type="checkbox"/> | 100000.00 | 94461.550  | 17421608.03 | 120.9067 | A        | 6.6 |
| 8 | <input type="checkbox"/> | 500000.00 | 500910.05  | 86706629.02 | 640.5251 | A        | 0.3 |

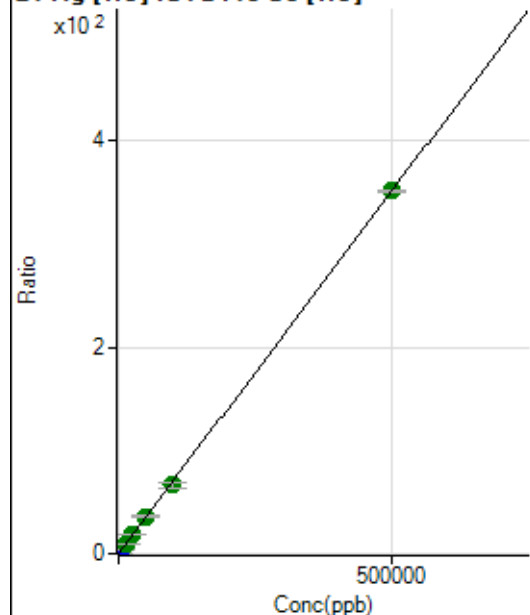
$$y = 0.0013 * x + 0.1436$$

$$R = 0.9999$$

$$DL = 6.999$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1088.96     | 0.0079   | P   | 17.5 |
| 2 | <input type="checkbox"/> | 500.000   | 489.320    | 48436.60    | 0.3515   | P   | 1.1  |
| 3 | <input type="checkbox"/> | 5000.000  | 5512.845   | 516693.21   | 3.8785   | P   | 4.7  |
| 4 | <input type="checkbox"/> | 12500.000 | 13581.629  | 1300563.46  | 9.5436   | A   | 0.9  |
| 5 | <input type="checkbox"/> | 25000.000 | 26636.711  | 2549706.03  | 18.7095  | A   | 0.8  |
| 6 | <input type="checkbox"/> | 50000.000 | 51716.887  | 4954502.89  | 36.3183  | A   | 0.9  |
| 7 | <input type="checkbox"/> | 100000.00 | 94699.929  | 9578688.15  | 66.4966  | A   | 7.1  |
| 8 | <input type="checkbox"/> | 500000.00 | 500774.33  | 47595642.73 | 351.6010 | A   | 0.5  |

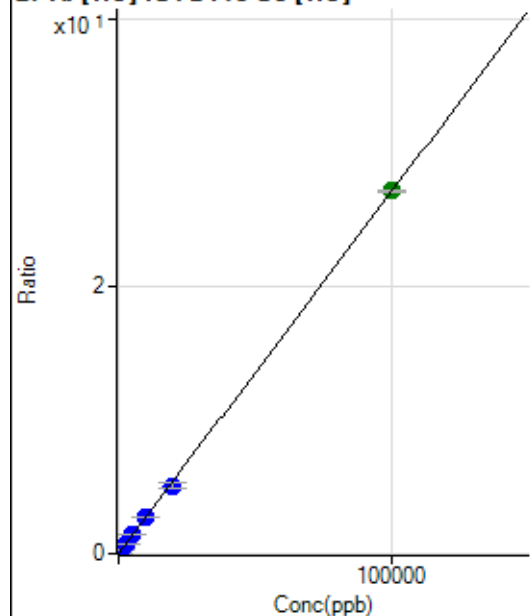
$$y = 7.0210E-004 * x + 0.0079$$

$$R = 0.9999$$

$$DL = 5.929$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 80.82      | 0.0006  | P   | 28.7 |
| 2 | <input type="checkbox"/> | 20.000    | 20.359     | 841.17     | 0.0061  | P   | 4.3  |
| 3 | <input type="checkbox"/> | 1000.000  | 1105.894   | 40016.24   | 0.3003  | P   | 3.1  |
| 4 | <input type="checkbox"/> | 2500.000  | 2597.395   | 95990.11   | 0.7044  | P   | 1.3  |
| 5 | <input type="checkbox"/> | 5000.000  | 5192.552   | 191821.60  | 1.4076  | P   | 0.8  |
| 6 | <input type="checkbox"/> | 10000.000 | 10051.899  | 371659.52  | 2.7244  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 20000.000 | 18822.473  | 734747.98  | 5.1010  | P   | 7.3  |
| 8 | <input type="checkbox"/> | 100000.00 | 100217.19  | 3676247.19 | 27.1571 | A   | 0.3  |

$$y = 2.7098E-004 * x + 5.8708E-004$$

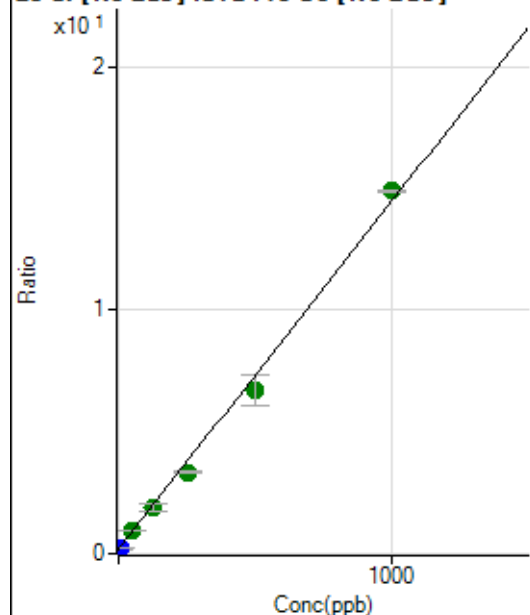
$$R = 0.9999$$

$$DL = 1.865$$

Weight: &lt;None&gt;

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 762524.14   | 0.1928  | P   | 0.4  |
| 2 | <input type="checkbox"/> | 10.000   | 0.517      | 792032.35   | 0.2001  | P   | 0.6  |
| 3 | <input type="checkbox"/> | 50.000   | 50.788     | 3566775.30  | 0.9183  | A   | 1.7  |
| 4 | <input type="checkbox"/> | 125.000  | 118.917    | 6908519.34  | 1.8915  | A   | 13.3 |
| 5 | <input type="checkbox"/> | 250.000  | 219.328    | 12770215.39 | 3.3260  | A   | 2.7  |
| 6 | <input type="checkbox"/> | 500.000  | 456.088    | 22912140.44 | 6.7082  | A   | 18.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1030.440   | 57392575.59 | 14.9130 | A   | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 1157449.12  | 0.2997  | A   | 3.0  |

$$y = 0.0143 * x + 0.1928$$

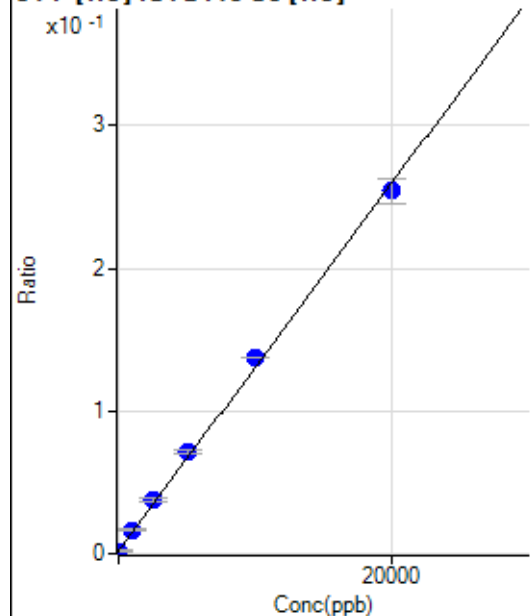
$$R = 0.9981$$

$$DL = 0.173$$

Weight: &lt;None&gt;

Min Conc: 0

31 P [He] ISTD :45 Sc [He]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | -3.742     | 250.01   | 0.0018 | P   | 16.5 |
| 2 | <input type="checkbox"/> | 0.000     | 3.742      | 263.90   | 0.0019 | P   | 22.6 |
| 3 | <input type="checkbox"/> | 1000.000  | 1112.086   | 2155.77  | 0.0162 | P   | 8.3  |
| 4 | <input type="checkbox"/> | 2500.000  | 2786.105   | 5145.49  | 0.0377 | P   | 6.1  |
| 5 | <input type="checkbox"/> | 5000.000  | 5394.309   | 9720.19  | 0.0713 | P   | 3.1  |
| 6 | <input type="checkbox"/> | 10000.000 | 10529.778  | 18754.29 | 0.1375 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 20000.000 | 19595.166  | 36622.05 | 0.2542 | P   | 7.0  |
| 8 | <input type="checkbox"/> |           |            | 208.34   | 0.0015 | P   | 3.4  |

$$y = 1.2878E-005 * x + 0.0019$$

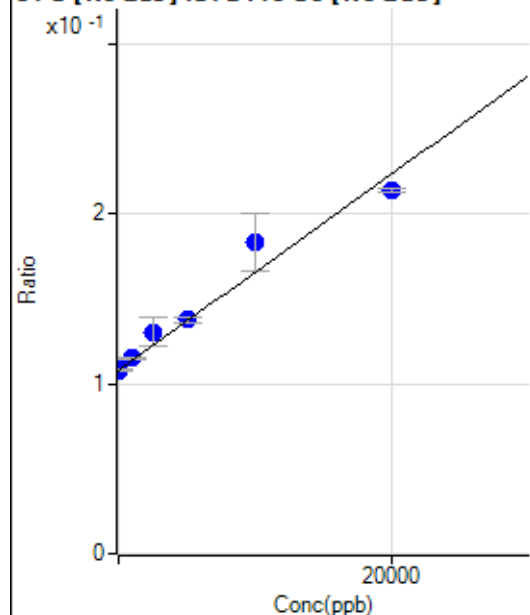
$$R = 0.9992$$

$$DL = 85.5$$

Weight: &lt;None&gt;

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 19.034     | 427951.56 | 0.1082 | P    | 0.5  |
| 2 | <input type="checkbox"/> | 0.000     | -19.034    | 427213.30 | 0.1080 | P    | 1.2  |
| 3 | <input type="checkbox"/> | 1000.000  | 1204.230   | 446771.99 | 0.1150 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 3910.400   | 477395.18 | 0.1307 | P    | 12.8 |
| 5 | <input type="checkbox"/> | 5000.000  | 5117.844   | 528444.06 | 0.1376 | P    | 2.3  |
| 6 | <input type="checkbox"/> | 10000.000 | 13028.474  | 625997.86 | 0.1833 | P    | 18.7 |
| 7 | <input type="checkbox"/> | 20000.000 | 18269.790  | 822067.42 | 0.2136 | P    | 1.1  |
| 8 | <input type="checkbox"/> |           |            | 385161.40 | 0.0998 | P    | 3.0  |

$$y = 5.7765E-006 * x + 0.1081$$

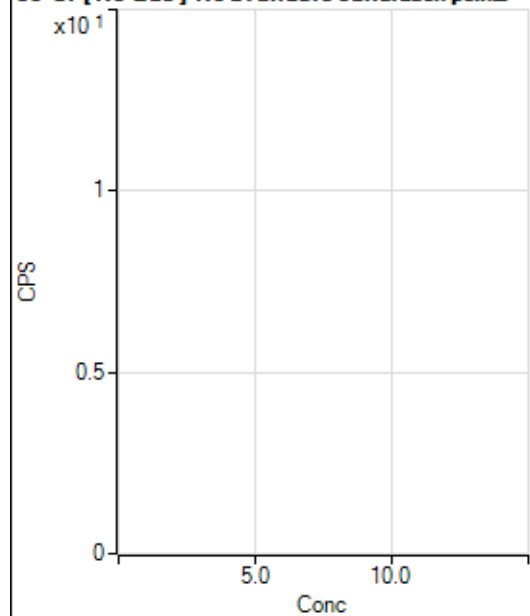
$$R = 0.9797$$

$$DL = 485.1$$

Weight: &lt;None&gt;

Min Conc: 0

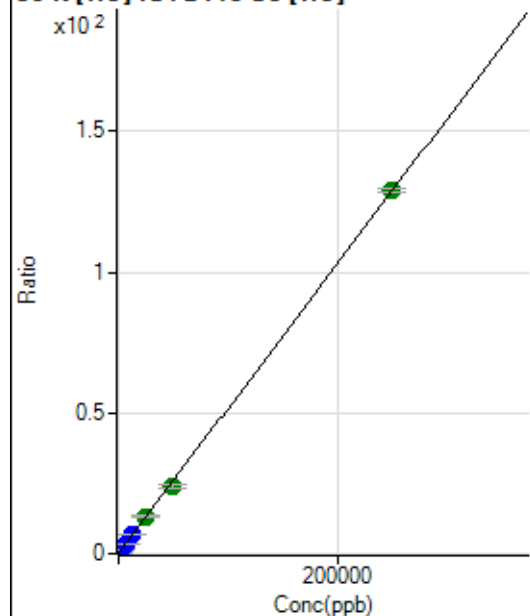
35 Cl [No Gas] No available calibration points



|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS       | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----------|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            | 117095.83 |       | P    | 0.3 |
| 2 | <input type="checkbox"/> |       |            | 122352.88 |       | P    | 1.3 |
| 3 | <input type="checkbox"/> |       |            | 144233.15 |       | P    | 0.8 |
| 4 | <input type="checkbox"/> |       |            | 143638.08 |       | P    | 1.7 |
| 5 | <input type="checkbox"/> |       |            | 141481.30 |       | P    | 0.4 |
| 6 | <input type="checkbox"/> |       |            | 137715.02 |       | P    | 2.0 |
| 7 | <input type="checkbox"/> |       |            | 140459.60 |       | P    | 1.0 |
| 8 | <input type="checkbox"/> |       |            | 144957.82 |       | P    | 3.4 |

**35 Cl [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 708.37  |       | P        | 7.2  |
| 2 | <input type="checkbox"/> |       |            | 741.70  |       | P        | 11.1 |
| 3 | <input type="checkbox"/> |       |            | 1002.84 |       | P        | 12.1 |
| 4 | <input type="checkbox"/> |       |            | 1008.39 |       | P        | 3.0  |
| 5 | <input type="checkbox"/> |       |            | 927.83  |       | P        | 0.5  |
| 6 | <input type="checkbox"/> |       |            | 988.95  |       | P        | 11.0 |
| 7 | <input type="checkbox"/> |       |            | 994.50  |       | P        | 3.5  |
| 8 | <input type="checkbox"/> |       |            | 1086.18 |       | P        | 17.1 |

**39 K [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 31042.26    | 0.2257   | P        | 2.5 |
| 2 | <input type="checkbox"/> | 500.000   | 461.820    | 63735.75    | 0.4625   | P        | 1.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2611.573   | 208555.69   | 1.5648   | P        | 2.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6161.613   | 461275.56   | 3.3850   | P        | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12357.827  | 894198.31   | 6.5620   | P        | 1.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 25404.039  | 1807494.96  | 13.2512  | A        | 3.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 46177.632  | 3442550.81  | 23.9026  | A        | 7.7 |
| 8 | <input type="checkbox"/> | 250000.00 | 250732.34  | 17433166.53 | 128.7847 | A        | 0.9 |

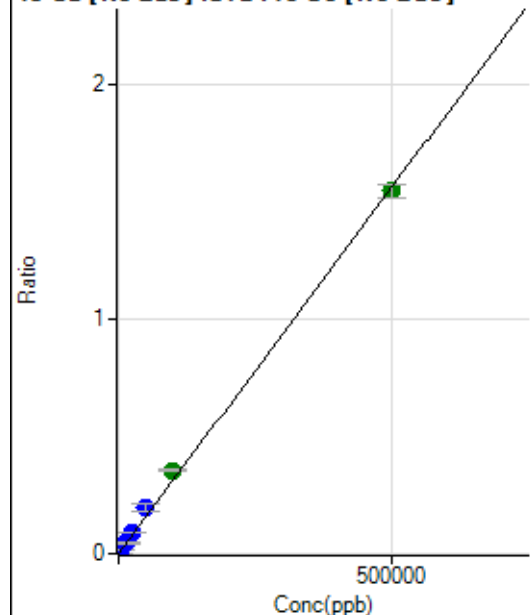
$$y = 5.1273\text{E-}004 * x + 0.2257$$

$$R = 0.9999$$

$$DL = 32.61$$

Weight: &lt;None&gt;

Min Conc: 0

**43 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 147.06     | 0.0000 | P        | 5.9  |
| 2 | <input type="checkbox"/> | 500.000   | 457.671    | 5805.88    | 0.0015 | P        | 1.7  |
| 3 | <input type="checkbox"/> | 5000.000  | 5646.961   | 68671.94   | 0.0177 | P        | 0.9  |
| 4 | <input type="checkbox"/> | 12500.000 | 14756.992  | 168226.16  | 0.0461 | P        | 15.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 27860.192  | 334375.76  | 0.0871 | P        | 1.9  |
| 6 | <input type="checkbox"/> | 50000.000 | 62550.928  | 667000.66  | 0.1955 | P        | 19.3 |
| 7 | <input type="checkbox"/> | 100000.00 | 114062.70  | 1371674.81 | 0.3564 | A        | 0.9  |
| 8 | <input type="checkbox"/> | 500000.00 | 495726.50  | 5974998.60 | 1.5488 | A        | 3.6  |

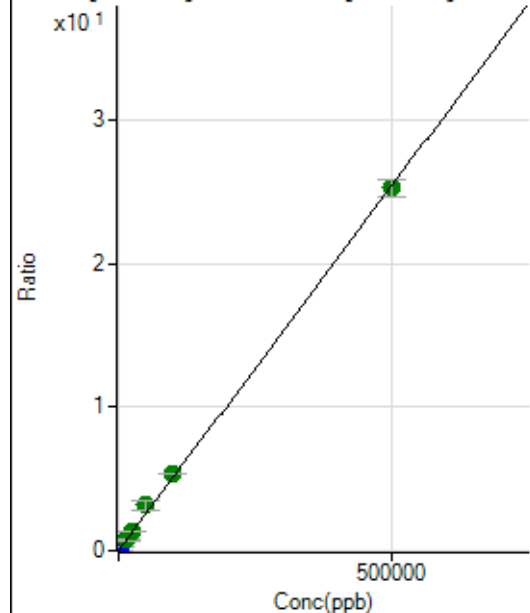
$$y = 3.1243\text{E-}006 * x + 3.7179\text{E-}005$$

$$R = 0.9993$$

$$DL = 2.107$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [No Gas] ISTD:45 Sc [No Gas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 15695.36    | 0.0040  | P        | 0.8  |
| 2 | <input type="checkbox"/> | 500.000   | 466.490    | 109372.36   | 0.0276  | P        | 0.2  |
| 3 | <input type="checkbox"/> | 5000.000  | 5427.447   | 1085084.09  | 0.2794  | P        | 0.4  |
| 4 | <input type="checkbox"/> | 12500.000 | 14584.927  | 2712688.91  | 0.7440  | A        | 15.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 27291.540  | 5333257.00  | 1.3888  | A        | 1.0  |
| 6 | <input type="checkbox"/> | 50000.000 | 62102.495  | 10752382.74 | 3.1551  | A        | 20.4 |
| 7 | <input type="checkbox"/> | 100000.00 | 105294.78  | 20577140.39 | 5.3467  | A        | 1.2  |
| 8 | <input type="checkbox"/> | 500000.00 | 497559.85  | 97371963.66 | 25.2506 | A        | 4.8  |

$$y = 5.0741\text{E-}005 * x + 0.0040$$

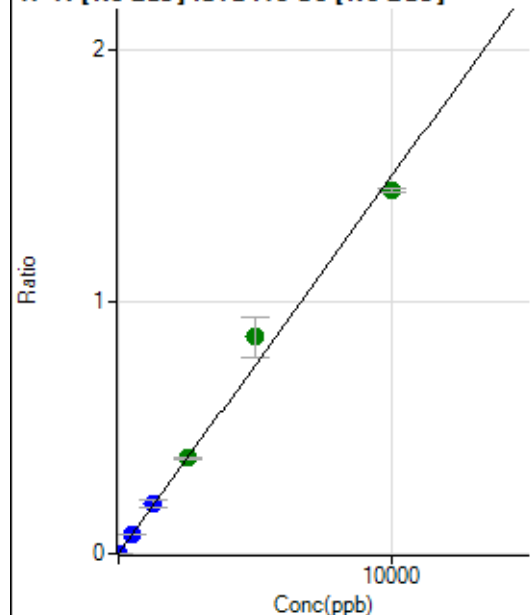
$$R = 0.9997$$

$$DL = 1.94$$

Weight: &lt;None&gt;

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 75.00      | 0.0000 | P   | 40.1 |
| 2 | <input type="checkbox"/> | 5.000     | 4.765      | 2900.36    | 0.0007 | P   | 6.6  |
| 3 | <input type="checkbox"/> | 500.000   | 504.576    | 293781.59  | 0.0756 | P   | 0.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1309.719   | 716134.63  | 0.1963 | P   | 14.7 |
| 5 | <input type="checkbox"/> | 2500.000  | 2529.234   | 1455758.88 | 0.3791 | A   | 0.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5735.860   | 2936831.49 | 0.8596 | A   | 18.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9617.068   | 5546545.91 | 1.4413 | A   | 1.1  |
| 8 | <input type="checkbox"/> |           |            | 1275.15    | 0.0003 | P   | 15.8 |

$$y = 1.4986E-004 * x + 1.8965E-005$$

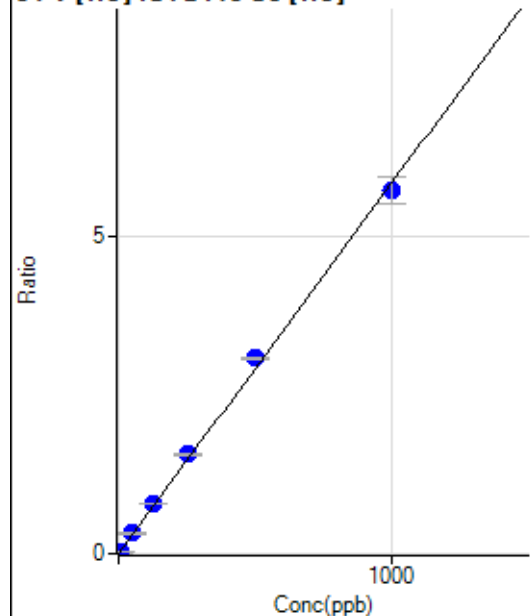
$$R = 0.9959$$

$$DL = 0.1523$$

Weight: &lt;None&gt;

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 26.67     | 0.0002 | P   | 12.1 |
| 2 | <input type="checkbox"/> | 5.000    | 5.098      | 4125.08   | 0.0299 | P   | 1.3  |
| 3 | <input type="checkbox"/> | 50.000   | 55.611     | 43246.31  | 0.3246 | P   | 4.5  |
| 4 | <input type="checkbox"/> | 125.000  | 134.648    | 107058.96 | 0.7857 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 250.000  | 268.586    | 213544.17 | 1.5670 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 528.394    | 420520.99 | 3.0826 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 979.669    | 823128.69 | 5.7151 | P   | 7.5  |
| 8 | <input type="checkbox"/> |          |            | 437.79    | 0.0032 | P   | 10.8 |

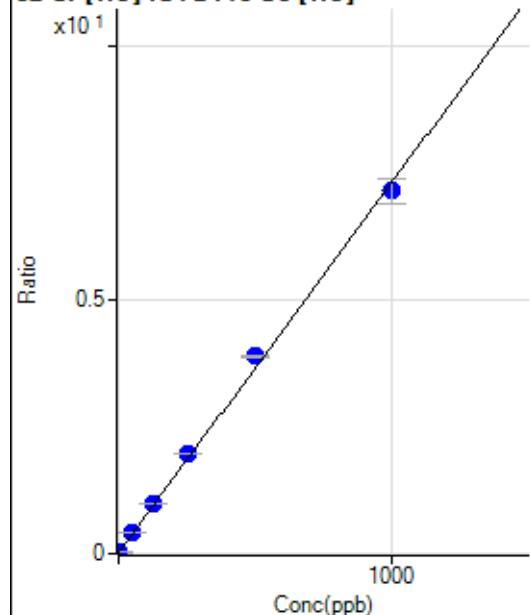
$$y = 0.0058 * x + 1.9385E-004$$

$$R = 0.9992$$

$$DL = 0.01202$$

Weight: &lt;None&gt;

Min Conc: 0

**52 Cr [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2121.29    | 0.0154 | P   | 2.9 |
| 2 | <input type="checkbox"/> | 2.000    | 2.108      | 4241.79    | 0.0308 | P   | 3.2 |
| 3 | <input type="checkbox"/> | 50.000   | 55.460     | 55851.82   | 0.4192 | P   | 4.3 |
| 4 | <input type="checkbox"/> | 125.000  | 134.587    | 135622.95  | 0.9953 | P   | 0.8 |
| 5 | <input type="checkbox"/> | 250.000  | 269.040    | 269026.54  | 1.9742 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 500.000  | 530.720    | 529235.77  | 3.8793 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 978.408    | 1028472.42 | 7.1387 | P   | 6.8 |
| 8 | <input type="checkbox"/> |          |            | 7505.38    | 0.0554 | P   | 2.9 |

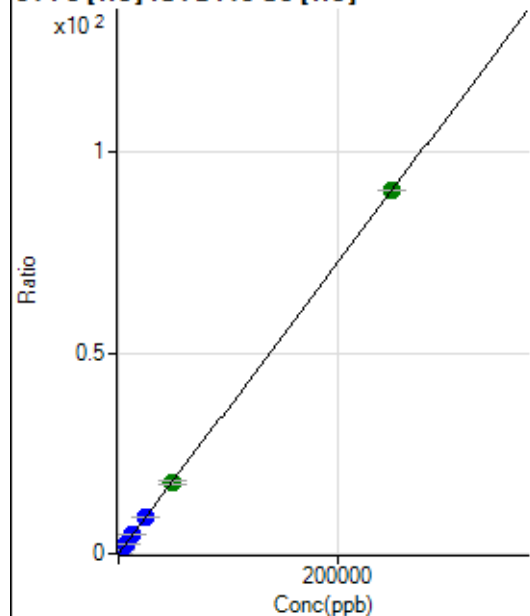
$$y = 0.0073 * x + 0.0154$$

$$R = 0.9991$$

$$DL = 0.1839$$

Weight: &lt;None&gt;

Min Conc: 0

**54 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1000.05     | 0.0073  | P   | 7.9 |
| 2 | <input type="checkbox"/> | 50.000    | 52.596     | 3624.61     | 0.0263  | P   | 3.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2746.983   | 133407.69   | 1.0012  | P   | 3.6 |
| 4 | <input type="checkbox"/> | 6250.000  | 6529.163   | 322915.65   | 2.3696  | P   | 1.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 13111.542  | 647449.01   | 4.7512  | P   | 0.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 25433.920  | 1256349.48  | 9.2096  | P   | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 49398.785  | 2576580.79  | 17.8804 | A   | 6.4 |
| 8 | <input type="checkbox"/> | 250000.00 | 250036.82  | 12247422.96 | 90.4737 | A   | 0.1 |

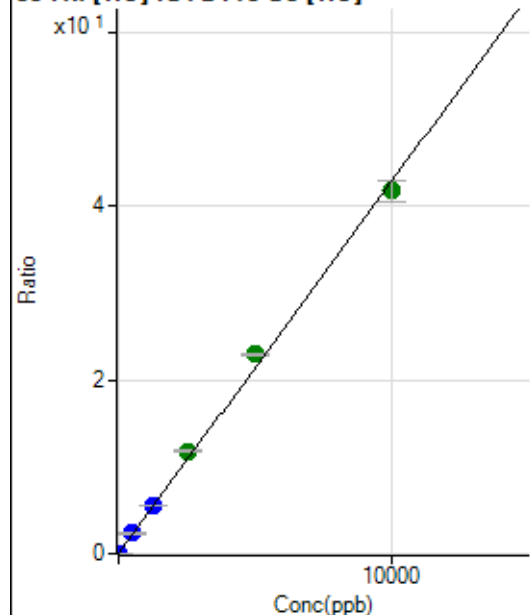
$$y = 3.6181E-004 * x + 0.0073$$

$$R = 1.0000$$

$$DL = 4.739$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>55</sup>Mn [He] ISTD: <sup>45</sup>Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 196.67     | 0.0014  | P   | 29.1 |
| 2 | <input type="checkbox"/> | 1.000     | 1.102      | 846.70     | 0.0061  | P   | 8.3  |
| 3 | <input type="checkbox"/> | 500.000   | 545.225    | 311042.70  | 2.3341  | P   | 3.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1312.967   | 765688.97  | 5.6188  | P   | 0.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2757.370   | 1607836.52 | 11.7986 | A   | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5353.423   | 3124668.04 | 22.9056 | A   | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9748.814   | 6013012.83 | 41.7108 | A   | 5.6  |
| 8 | <input type="checkbox"/> |           |            | 4936.45    | 0.0365  | P   | 0.5  |

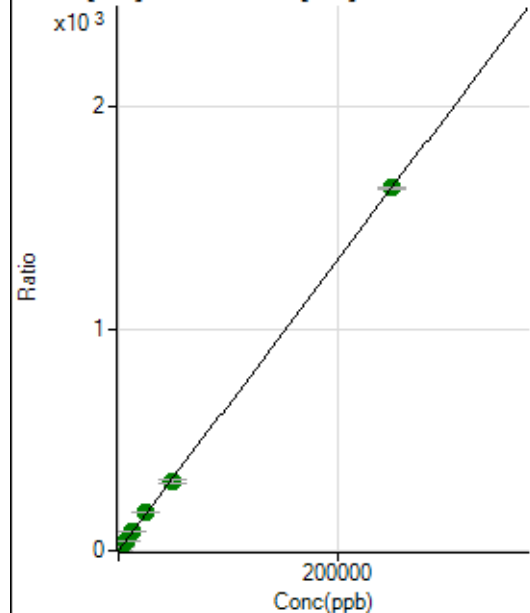
$$y = 0.0043 * x + 0.0014$$

$$R = 0.9987$$

$$DL = 0.2912$$

Weight: &lt;None&gt;

Min Conc: 0

**<sup>56</sup>Fe [He] ISTD: <sup>45</sup>Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 9886.92     | 0.0719    | P   | 3.5 |
| 2 | <input type="checkbox"/> | 50.000    | 52.242     | 56996.92    | 0.4136    | P   | 1.2 |
| 3 | <input type="checkbox"/> | 2500.000  | 2867.286   | 2509015.59  | 18.8260   | A   | 2.8 |
| 4 | <input type="checkbox"/> | 6250.000  | 6676.470   | 5960607.77  | 43.7408   | A   | 0.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13460.347  | 12007614.39 | 88.1121   | A   | 1.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 25965.264  | 23178008.62 | 169.9032  | A   | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 47900.194  | 45156080.17 | 313.3732  | A   | 6.4 |
| 8 | <input type="checkbox"/> | 250000.00 | 250261.08  | 221594119.7 | 1,636.957 | A   | 0.9 |

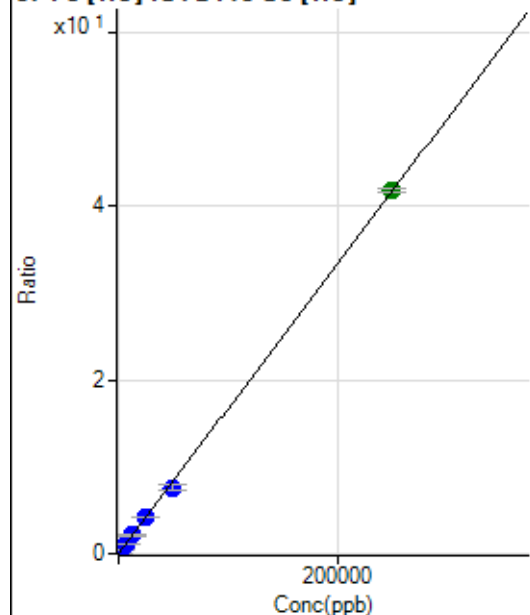
$$y = 0.0065 * x + 0.0719$$

$$R = 0.9999$$

$$DL = 1.16$$

Weight: &lt;None&gt;

Min Conc: 0

**57 Fe [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 346.30     | 0.0025  | P    | 14.4 |
| 2 | <input type="checkbox"/> | 50.000    | 51.919     | 1538.99    | 0.0112  | P    | 4.6  |
| 3 | <input type="checkbox"/> | 2500.000  | 2676.221   | 59719.38   | 0.4482  | P    | 3.7  |
| 4 | <input type="checkbox"/> | 6250.000  | 6337.389   | 144156.59  | 1.0579  | P    | 0.4  |
| 5 | <input type="checkbox"/> | 12500.000 | 12659.408  | 287631.25  | 2.1106  | P    | 0.8  |
| 6 | <input type="checkbox"/> | 25000.000 | 24749.359  | 562575.76  | 4.1239  | P    | 0.6  |
| 7 | <input type="checkbox"/> | 50000.000 | 45683.433  | 1096058.85 | 7.6099  | P    | 7.4  |
| 8 | <input type="checkbox"/> | 250000.00 | 250876.46  | 5655552.27 | 41.7796 | A    | 1.0  |

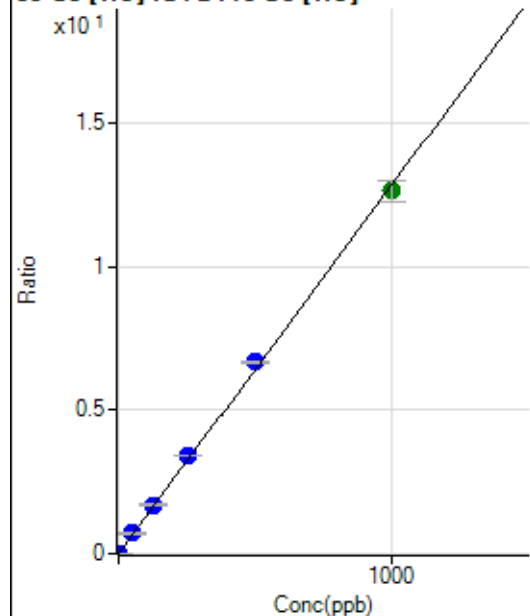
$$y = 1.6652E-004 * x + 0.0025$$

$$R = 0.9998$$

$$DL = 6.517$$

Weight: &lt;None&gt;

Min Conc: 0

**59 Co [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 134.45     | 0.0010  | P    | 20.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.970      | 1849.03    | 0.0134  | P    | 4.3  |
| 3 | <input type="checkbox"/> | 50.000   | 55.654     | 95172.14   | 0.7142  | P    | 3.5  |
| 4 | <input type="checkbox"/> | 125.000  | 132.924    | 232255.64  | 1.7045  | P    | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 266.139    | 464905.68  | 3.4117  | P    | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 519.574    | 908494.13  | 6.6596  | P    | 0.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 984.905    | 1819311.52 | 12.6231 | A    | 6.0  |
| 8 | <input type="checkbox"/> |          |            | 4853.09    | 0.0359  | P    | 1.9  |

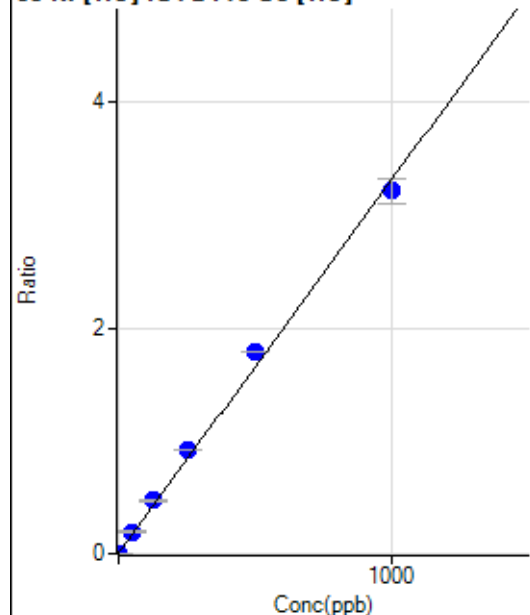
$$y = 0.0128 * x + 9.7731E-004$$

$$R = 0.9996$$

$$DL = 0.04751$$

Weight: &lt;None&gt;

Min Conc: 0

**60 Ni [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 421.12    | 0.0031 | P   | 8.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.241      | 987.82    | 0.0072 | P   | 2.4 |
| 3 | <input type="checkbox"/> | 50.000   | 58.293     | 26126.30  | 0.1960 | P   | 3.4 |
| 4 | <input type="checkbox"/> | 125.000  | 140.742    | 63916.10  | 0.4690 | P   | 1.1 |
| 5 | <input type="checkbox"/> | 250.000  | 276.368    | 125099.92 | 0.9180 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 500.000  | 540.112    | 244358.26 | 1.7912 | P   | 0.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 970.969    | 463526.81 | 3.2176 | P   | 7.0 |
| 8 | <input type="checkbox"/> |          |            | 2874.76   | 0.0212 | P   | 2.9 |

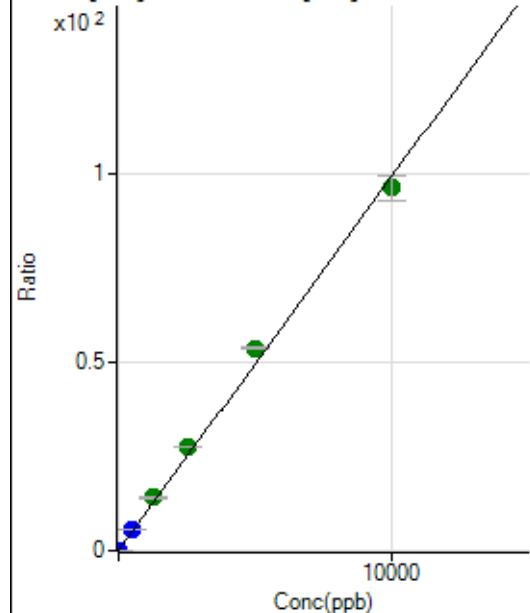
$$y = 0.0033 * x + 0.0031$$

$$R = 0.9983$$

$$DL = 0.2206$$

Weight: &lt;None&gt;

Min Conc: 0

**63 Cu [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 852.26      | 0.0062  | P   | 6.4 |
| 2 | <input type="checkbox"/> | 2.000     | 2.181      | 3832.77     | 0.0278  | P   | 3.0 |
| 3 | <input type="checkbox"/> | 500.000   | 563.191    | 744623.63   | 5.5879  | P   | 3.4 |
| 4 | <input type="checkbox"/> | 1250.000  | 1416.478   | 1914009.05  | 14.0446 | A   | 0.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2759.107   | 3727228.07  | 27.3511 | A   | 0.6 |
| 6 | <input type="checkbox"/> | 5000.000  | 5414.896   | 7322054.34  | 53.6721 | A   | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9703.806   | 13855709.65 | 96.1785 | A   | 7.2 |
| 8 | <input type="checkbox"/> |           |            | 6582.71     | 0.0486  | P   | 5.2 |

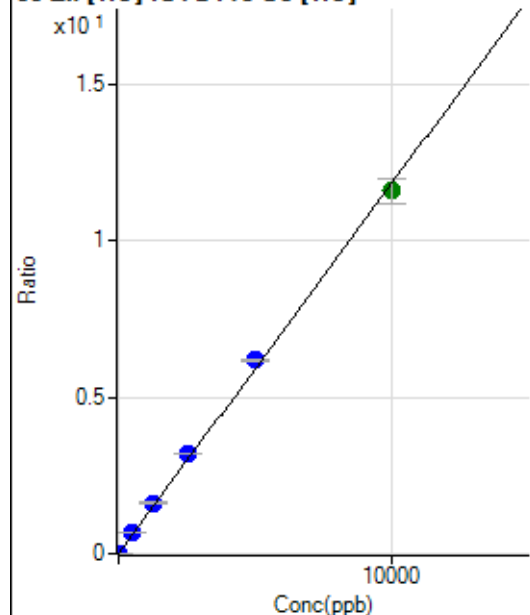
$$y = 0.0099 * x + 0.0062$$

$$R = 0.9982$$

$$DL = 0.1207$$

Weight: &lt;None&gt;

Min Conc: 0

**66 Zn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 84.02      | 0.0006  | P        | 25.2 |
| 2 | <input type="checkbox"/> | 2.000     | 2.571      | 502.69     | 0.0036  | P        | 7.4  |
| 3 | <input type="checkbox"/> | 500.000   | 578.033    | 91116.33   | 0.6837  | P        | 3.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1376.110   | 221683.04  | 1.6269  | P        | 1.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2720.312   | 438188.59  | 3.2155  | P        | 0.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5234.402   | 843970.52  | 6.1867  | P        | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9808.056   | 1670287.69 | 11.5918 | A        | 6.9  |
| 8 | <input type="checkbox"/> |           |            | 2166.55    | 0.0160  | P        | 3.2  |

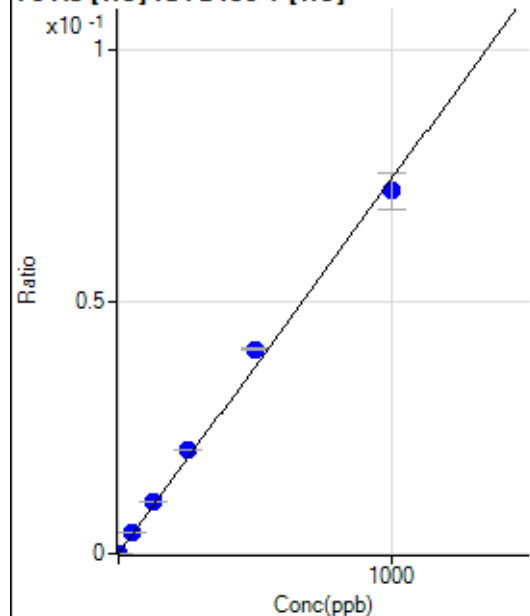
$$y = 0.0012 * x + 6.1072E-004$$

$$R = 0.9993$$

$$DL = 0.3907$$

Weight: &lt;None&gt;

Min Conc: 0

**75 As [He] ISTD:89 Y [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.00     | 0.0000 | P        | 1.2  |
| 2 | <input type="checkbox"/> | 1.000    | 1.112      | 109.01   | 0.0001 | P        | 11.0 |
| 3 | <input type="checkbox"/> | 50.000   | 57.154     | 5145.13  | 0.0042 | P        | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 139.554    | 12725.00 | 0.0104 | P        | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 276.988    | 25432.33 | 0.0206 | P        | 0.2  |
| 6 | <input type="checkbox"/> | 500.000  | 544.403    | 50061.77 | 0.0404 | P        | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 968.875    | 96466.56 | 0.0719 | P        | 9.8  |
| 8 | <input type="checkbox"/> |          |            | 56.34    | 0.0000 | P        | 16.8 |

$$y = 7.4191E-005 * x + 4.8401E-006$$

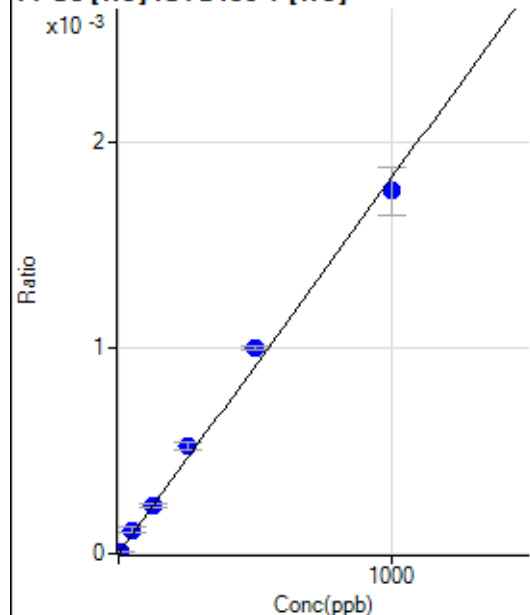
$$R = 0.9980$$

$$DL = 0.002289$$

Weight: &lt;None&gt;

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P   |      |
| 2 | <input type="checkbox"/> | 5.000    | 5.839      | 13.33   | 0.0000 | P   | 0.7  |
| 3 | <input type="checkbox"/> | 50.000   | 62.329     | 138.89  | 0.0001 | P   | 22.4 |
| 4 | <input type="checkbox"/> | 125.000  | 129.655    | 291.12  | 0.0002 | P   | 6.7  |
| 5 | <input type="checkbox"/> | 250.000  | 287.366    | 650.02  | 0.0005 | P   | 7.3  |
| 6 | <input type="checkbox"/> | 500.000  | 547.861    | 1241.18 | 0.0010 | P   | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 965.525    | 2363.55 | 0.0018 | P   | 13.3 |
| 8 | <input type="checkbox"/> |          |            | 24.44   | 0.0000 | P   | 20.9 |

$$y = 1.8279\text{E-}006 * x + 0.0000\text{E+}000$$

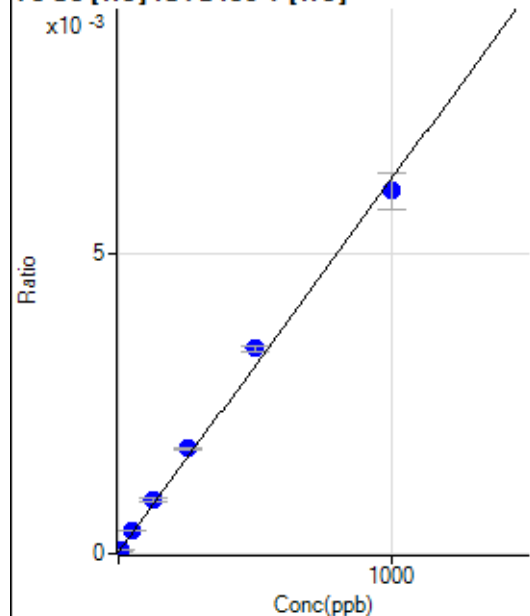
$$R = 0.9974$$

$$DL = 0$$

Weight: &lt;None&gt;

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 31.67   | 0.0000 | P   | 9.1  |
| 2 | <input type="checkbox"/> | 5.000    | 4.737      | 68.68   | 0.0001 | P   | 7.9  |
| 3 | <input type="checkbox"/> | 50.000   | 57.357     | 463.39  | 0.0004 | P   | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 139.941    | 1100.16 | 0.0009 | P   | 5.4  |
| 5 | <input type="checkbox"/> | 250.000  | 276.892    | 2162.06 | 0.0017 | P   | 3.1  |
| 6 | <input type="checkbox"/> | 500.000  | 545.794    | 4238.40 | 0.0034 | P   | 2.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 968.146    | 8113.49 | 0.0060 | P   | 9.9  |
| 8 | <input type="checkbox"/> |          |            | 85.34   | 0.0001 | P   | 10.5 |

$$y = 6.2189\text{E-}006 * x + 2.5525\text{E-}005$$

$$R = 0.9979$$

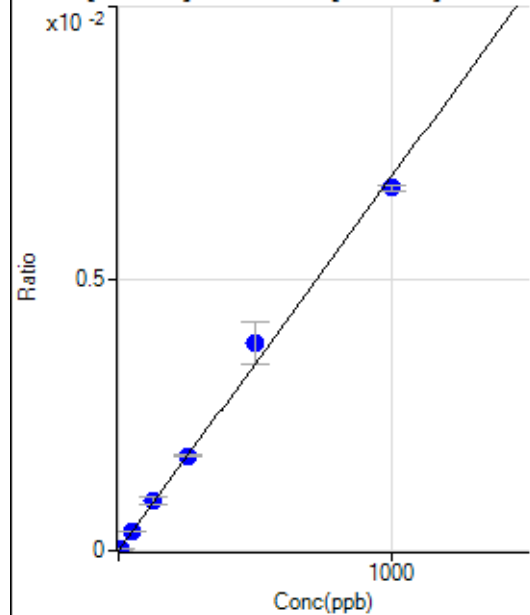
$$DL = 1.118$$

Weight: &lt;None&gt;

Min Conc: 0

**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 31937.25 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> |       |            | 31695.02 |       | P        | 1.5 |
| 3 | <input type="checkbox"/> |       |            | 32112.97 |       | P        | 4.1 |
| 4 | <input type="checkbox"/> |       |            | 31895.36 |       | P        | 1.3 |
| 5 | <input type="checkbox"/> |       |            | 30547.84 |       | P        | 1.3 |
| 6 | <input type="checkbox"/> |       |            | 29554.10 |       | P        | 2.3 |
| 7 | <input type="checkbox"/> |       |            | 30247.46 |       | P        | 1.4 |
| 8 | <input type="checkbox"/> |       |            | 30887.62 |       | P        | 2.1 |

**82 Se [ No Gas ] ISTD: 89 Y [ No Gas ]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 15.00    | 0.0000 | P        | 62.4 |
| 2 | <input type="checkbox"/> | 5.000    | 4.493      | 336.63   | 0.0000 | P        | 13.0 |
| 3 | <input type="checkbox"/> | 50.000   | 50.325     | 3628.83  | 0.0003 | P        | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 133.475    | 8990.22  | 0.0009 | P        | 15.0 |
| 5 | <input type="checkbox"/> | 250.000  | 252.381    | 17890.65 | 0.0017 | P        | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 556.352    | 34893.47 | 0.0038 | P        | 19.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 970.156    | 68379.28 | 0.0067 | P        | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 386.63   | 0.0000 | P        | 11.1 |

$$y = 6.8794E-006 * x + 1.4549E-006$$

$$R = 0.9976$$

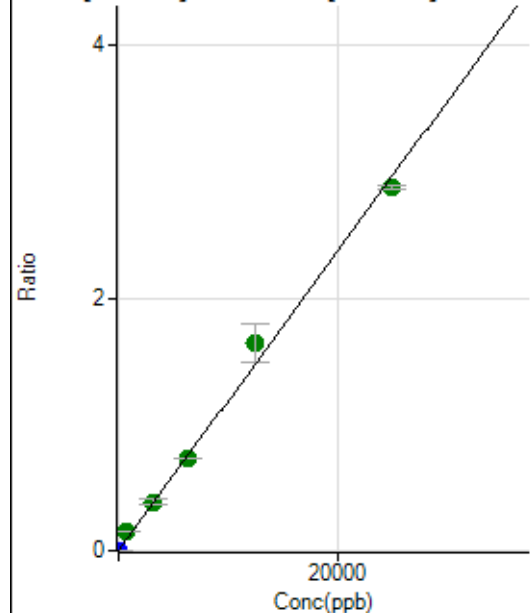
$$DL = 0.3962$$

Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 199.15 |       | P        | 2.2 |
| 2 | <input type="checkbox"/> |       |            | 208.31 |       | P        | 5.9 |
| 3 | <input type="checkbox"/> |       |            | 211.65 |       | P        | 1.7 |
| 4 | <input type="checkbox"/> |       |            | 192.48 |       | P        | 3.2 |
| 5 | <input type="checkbox"/> |       |            | 195.40 |       | P        | 4.5 |
| 6 | <input type="checkbox"/> |       |            | 217.89 |       | P        | 5.2 |
| 7 | <input type="checkbox"/> |       |            | 219.56 |       | P        | 4.6 |
| 8 | <input type="checkbox"/> |       |            | 204.98 |       | P        | 9.4 |

**86 Sr [ No Gas ] ISTD : 89 Y [ No Gas ]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 411.13      | 0.0000 | P        | 19.0 |
| 2 | <input type="checkbox"/> | 1.000     | 0.983      | 1622.37     | 0.0002 | P        | 13.3 |
| 3 | <input type="checkbox"/> | 625.000   | 1258.158   | 1554248.36  | 0.1489 | A        | 1.8  |
| 4 | <input type="checkbox"/> | 3125.000  | 3245.936   | 3760114.84  | 0.3841 | A        | 13.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6156.779   | 7501033.07  | 0.7285 | A        | 1.0  |
| 6 | <input type="checkbox"/> | 12500.000 | 13901.594  | 15011454.85 | 1.6449 | A        | 18.7 |
| 7 | <input type="checkbox"/> | 25000.000 | 24291.562  | 29444978.79 | 2.8743 | A        | 1.0  |
| 8 | <input type="checkbox"/> |           |            | 6822.09     | 0.0007 | P        | 14.7 |

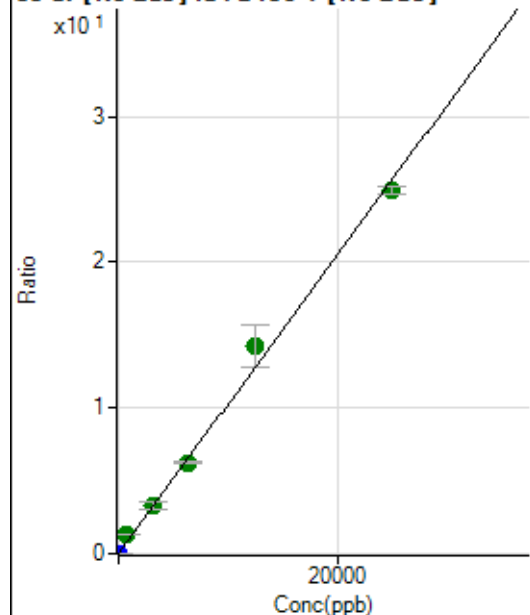
$$y = 1.1832E-004 * x + 3.9987E-005$$

$$R = 0.9975$$

$$DL = 0.193$$

Weight: &lt;None&gt;

Min Conc: 0

**88 Sr [No Gas] ISTD: 89 Y [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 955.61      | 0.0001  | P    | 21.1 |
| 2 | <input type="checkbox"/> | 1.000     | 0.918      | 10726.58    | 0.0010  | P    | 0.8  |
| 3 | <input type="checkbox"/> | 625.000   | 1245.028   | 13301424.60 | 1.2745  | A    | 2.3  |
| 4 | <input type="checkbox"/> | 3125.000  | 3224.114   | 32331613.22 | 3.3003  | A    | 12.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6087.177   | 64152493.80 | 6.2309  | A    | 1.3  |
| 6 | <input type="checkbox"/> | 12500.000 | 13881.659  | 129389280.6 | 14.2093 | A    | 20.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 24321.987  | 254999855.7 | 24.8960 | A    | 2.2  |
| 8 | <input type="checkbox"/> |           |            | 57661.43    | 0.0056  | P    | 20.3 |

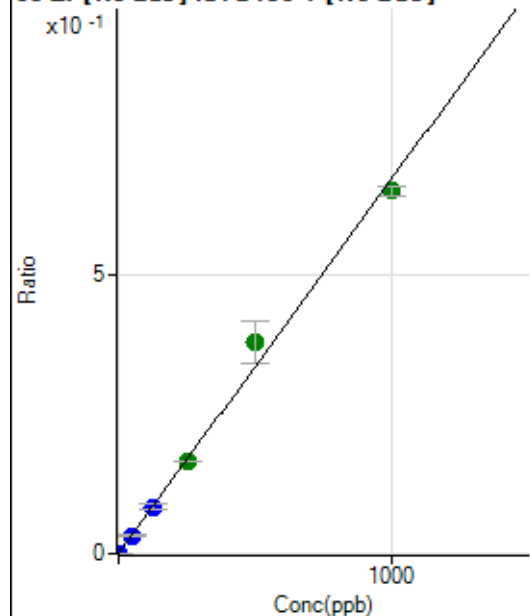
$$y = 0.0010 * x + 9.2883E-005$$

$$R = 0.9975$$

$$DL = 0.05734$$

Weight: &lt;None&gt;

Min Conc: 0

**90 Zr [No Gas] ISTD: 89 Y [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 402.79     | 0.0000 | P    | 11.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.864      | 6448.91    | 0.0006 | P    | 5.9  |
| 3 | <input type="checkbox"/> | 50.000   | 48.515     | 341092.82  | 0.0327 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 125.458    | 826268.13  | 0.0844 | P    | 14.0 |
| 5 | <input type="checkbox"/> | 250.000  | 245.823    | 1703305.42 | 0.1654 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 564.992    | 3466604.94 | 0.3802 | A    | 19.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 968.565    | 6674779.05 | 0.6517 | A    | 2.4  |
| 8 | <input type="checkbox"/> |          |            | 3925.69    | 0.0004 | P    | 9.2  |

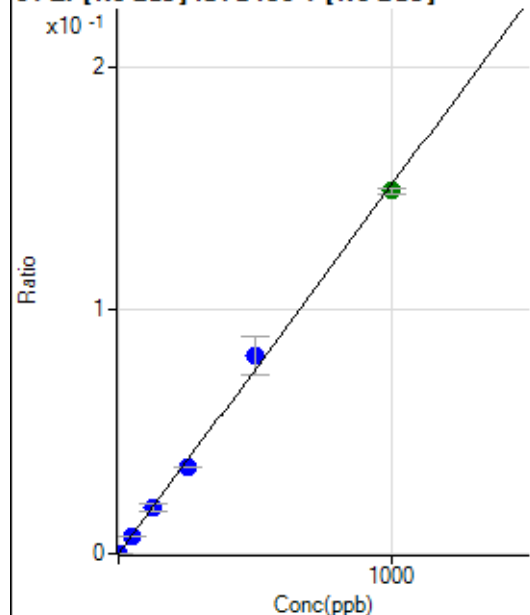
$$y = 6.7281E-004 * x + 3.9163E-005$$

$$R = 0.9968$$

$$DL = 0.0202$$

Weight: &lt;None&gt;

Min Conc: 0

**91 Zr [No Gas] ISTD : 89 Y [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 80.56      | 0.0000 | P    | 22.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.804      | 1344.55    | 0.0001 | P    | 1.6  |
| 3 | <input type="checkbox"/> | 50.000   | 47.936     | 75773.23   | 0.0073 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 124.473    | 184213.13  | 0.0188 | P    | 14.5 |
| 5 | <input type="checkbox"/> | 250.000  | 235.133    | 366280.47  | 0.0356 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 539.390    | 744194.17  | 0.0816 | P    | 19.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 984.191    | 1525015.16 | 0.1489 | A    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 827.84     | 0.0001 | P    | 20.1 |

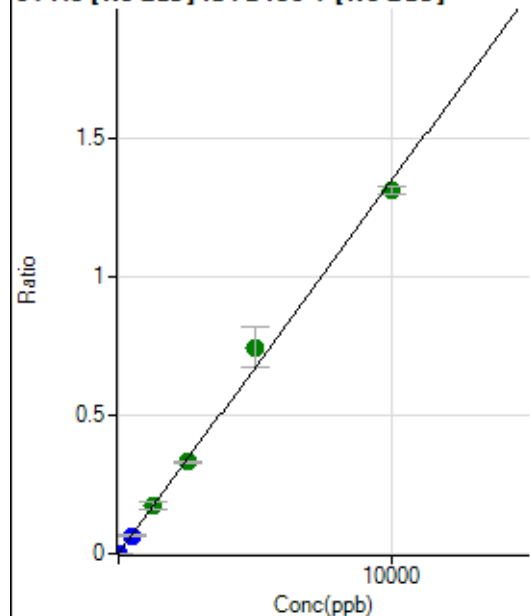
$$y = 1.5126\text{E-}004 * x + 7.8432\text{E-}006$$

$$R = 0.9987$$

$$DL = 0.0346$$

Weight: &lt;None&gt;

Min Conc: 0

**94 Mo [No Gas] ISTD : 89 Y [No Gas]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 211.12      | 0.0000 | P    | 12.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.939      | 7107.60     | 0.0007 | P    | 2.8  |
| 3 | <input type="checkbox"/> | 500.000   | 489.240    | 686158.35   | 0.0657 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1306.112   | 1714644.13  | 0.1755 | A    | 15.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2469.413   | 3415821.48  | 0.3318 | A    | 2.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 5536.434   | 6784966.99  | 0.7438 | A    | 19.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 9732.954   | 13393085.89 | 1.3076 | A    | 2.0  |
| 8 | <input type="checkbox"/> |           |            | 5773.65     | 0.0006 | P    | 9.6  |

$$y = 1.3435\text{E-}004 * x + 2.0546\text{E-}005$$

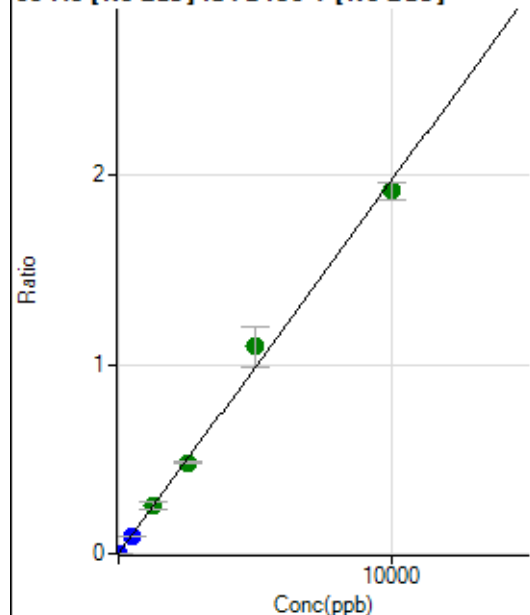
$$R = 0.9978$$

$$DL = 0.05814$$

Weight: &lt;None&gt;

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 222.23      | 0.0000 | P    | 16.8 |
| 2 | <input type="checkbox"/> | 5.000     | 4.257      | 8944.78     | 0.0009 | P    | 3.7  |
| 3 | <input type="checkbox"/> | 500.000   | 482.623    | 992954.22   | 0.0951 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1290.938   | 2487729.68  | 0.2544 | A    | 14.8 |
| 5 | <input type="checkbox"/> | 2500.000  | 2444.548   | 4960390.61  | 0.4818 | A    | 2.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5565.250   | 10000485.81 | 1.0968 | A    | 19.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9726.990   | 19633048.36 | 1.9171 | A    | 4.4  |
| 8 | <input type="checkbox"/> |           |            | 8814.34     | 0.0009 | P    | 22.5 |

$$y = 1.9708\text{E-}004 * x + 2.1615\text{E-}005$$

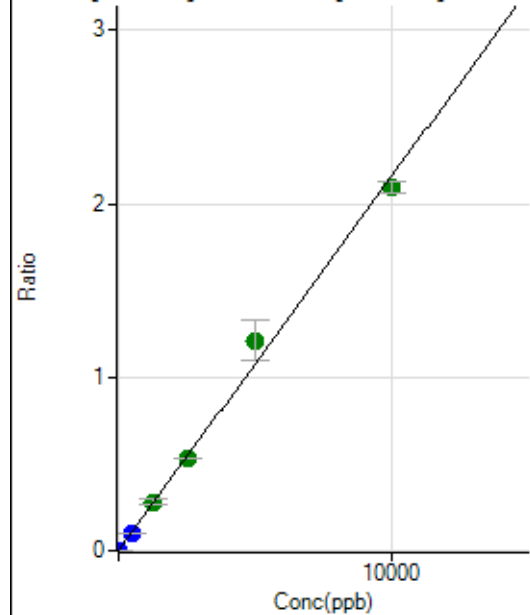
$$R = 0.9976$$

$$DL = 0.05518$$

Weight: &lt;None&gt;

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 258.34      | 0.0000 | P    | 27.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.378      | 10076.17    | 0.0010 | P    | 2.8  |
| 3 | <input type="checkbox"/> | 500.000   | 482.855    | 1087457.28  | 0.1042 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 1250.000  | 1307.904   | 2763530.25  | 0.2822 | A    | 12.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2459.224   | 5462929.12  | 0.5306 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 5615.584   | 11047927.07 | 1.2116 | A    | 19.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 9696.022   | 21425174.79 | 2.0919 | A    | 3.1  |
| 8 | <input type="checkbox"/> |           |            | 10555.15    | 0.0010 | P    | 6.6  |

$$y = 2.1575\text{E-}004 * x + 2.5111\text{E-}005$$

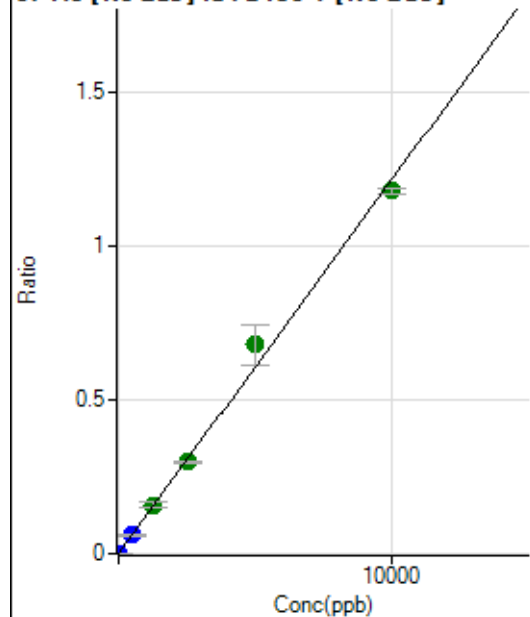
$$R = 0.9971$$

$$DL = 0.09656$$

Weight: &lt;None&gt;

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 144.45      | 0.0000 | P        | 34.2 |
| 2 | <input type="checkbox"/> | 5.000     | 4.613      | 5973.66     | 0.0006 | P        | 2.8  |
| 3 | <input type="checkbox"/> | 500.000   | 489.807    | 621639.26   | 0.0596 | P        | 2.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1299.302   | 1546248.61  | 0.1580 | A        | 13.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2453.062   | 3070841.02  | 0.2983 | A        | 2.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 5585.879   | 6189640.59  | 0.6792 | A        | 19.9 |
| 7 | <input type="checkbox"/> | 10000.000 | 9713.142   | 12096678.39 | 1.1810 | A        | 1.6  |
| 8 | <input type="checkbox"/> |           |            | 4842.69     | 0.0005 | P        | 5.7  |

$$y = 1.2159\text{E-}004 * x + 1.4029\text{E-}005$$

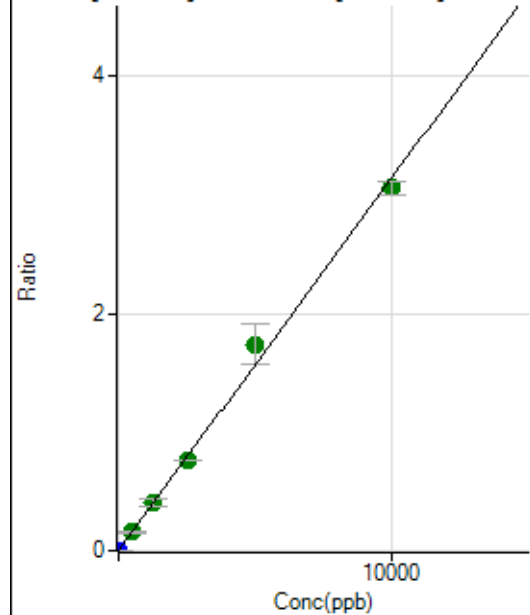
$$R = 0.9974$$

$$DL = 0.1184$$

Weight: &lt;None&gt;

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 341.68      | 0.0000 | P        | 9.9  |
| 2 | <input type="checkbox"/> | 5.000     | 4.329      | 14466.21    | 0.0014 | P        | 3.7  |
| 3 | <input type="checkbox"/> | 500.000   | 495.322    | 1622702.70  | 0.1555 | A        | 4.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1285.155   | 3948821.62  | 0.4035 | A        | 13.9 |
| 5 | <input type="checkbox"/> | 2500.000  | 2433.827   | 7867721.61  | 0.7642 | A        | 1.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5535.293   | 15848810.42 | 1.7379 | A        | 19.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 9744.736   | 31331674.31 | 3.0595 | A        | 3.6  |
| 8 | <input type="checkbox"/> |           |            | 11733.38    | 0.0011 | P        | 0.8  |

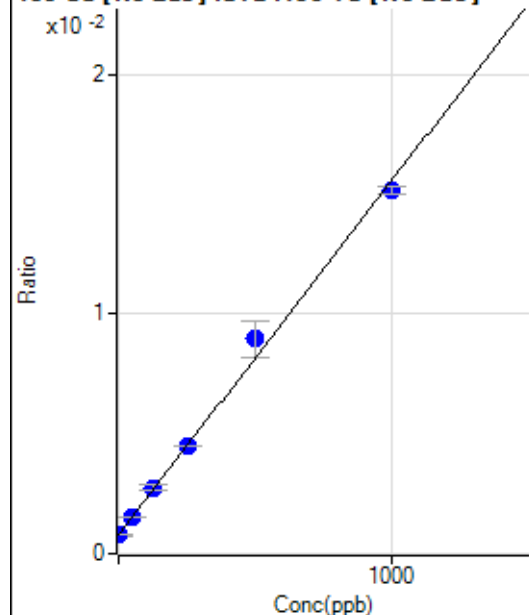
$$y = 3.1396\text{E-}004 * x + 3.3239\text{E-}005$$

$$R = 0.9978$$

$$DL = 0.03137$$

Weight: &lt;None&gt;

Min Conc: 0

**106 Cd [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5868.09   | 0.0008 | P    | 6.6  |
| 2 | <input type="checkbox"/> | 1.000    | 1.397      | 6162.67   | 0.0008 | P    | 4.9  |
| 3 | <input type="checkbox"/> | 50.000   | 51.012     | 11713.59  | 0.0015 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 132.371    | 19569.89  | 0.0027 | P    | 8.1  |
| 5 | <input type="checkbox"/> | 250.000  | 252.123    | 33847.69  | 0.0045 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 500.000  | 553.606    | 60081.67  | 0.0090 | P    | 17.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 971.694    | 114935.37 | 0.0151 | P    | 2.0  |
| 8 | <input type="checkbox"/> |          |            | 5770.82   | 0.0008 | P    | 0.9  |

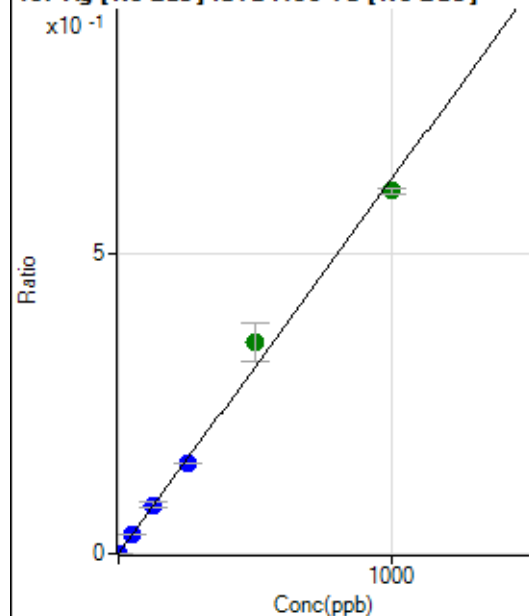
$$y = 1.4759\text{E-}005 * x + 7.8702\text{E-}004$$

$$R = 0.9978$$

$$DL = 10.56$$

Weight: &lt;None&gt;

Min Conc: 0

**107 Ag [No Gas] ISTD :159 Tb [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 99.71      | 0.0000 | P    | 23.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.863      | 4219.75    | 0.0006 | P    | 5.2  |
| 3 | <input type="checkbox"/> | 50.000   | 49.508     | 235581.31  | 0.0310 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 130.202    | 578530.78  | 0.0814 | P    | 14.3 |
| 5 | <input type="checkbox"/> | 250.000  | 241.765    | 1134988.58 | 0.1512 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 563.981    | 2360663.65 | 0.3526 | A    | 18.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 969.443    | 4604839.95 | 0.6061 | A    | 1.4  |
| 8 | <input type="checkbox"/> |          |            | 1027.22    | 0.0001 | P    | 17.0 |

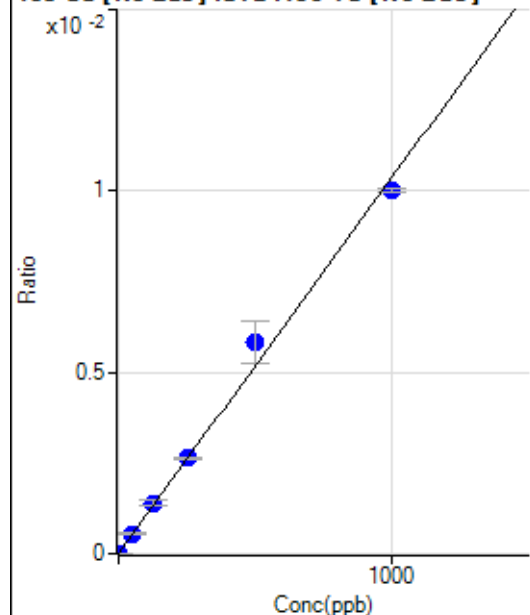
$$y = 6.2521\text{E-}004 * x + 1.3331\text{E-}005$$

$$R = 0.9969$$

$$DL = 0.01497$$

Weight: &lt;None&gt;

Min Conc: 0

**108 Cd [No Gas] ISTD :159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 30.56    | 0.0000 | P    | 20.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.993      | 109.72   | 0.0000 | P    | 24.7 |
| 3 | <input type="checkbox"/> | 50.000   | 53.216     | 4220.14  | 0.0006 | P    | 5.2  |
| 4 | <input type="checkbox"/> | 125.000  | 135.193    | 9978.73  | 0.0014 | P    | 13.3 |
| 5 | <input type="checkbox"/> | 250.000  | 253.778    | 19750.40 | 0.0026 | P    | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 563.377    | 39016.34 | 0.0058 | P    | 19.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 965.932    | 75974.50 | 0.0100 | P    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 131.95   | 0.0000 | P    | 24.0 |

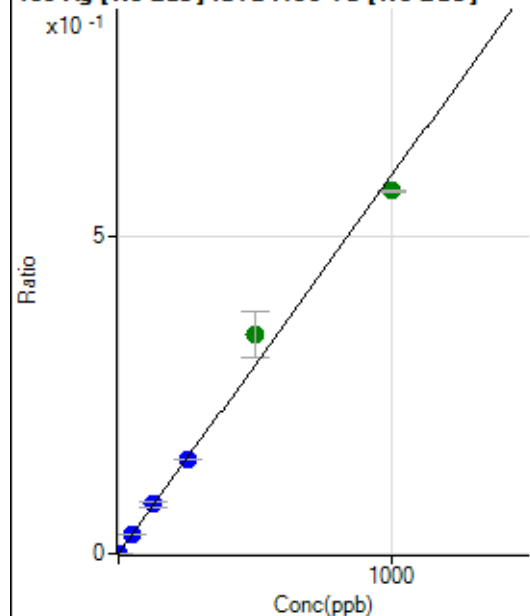
$$y = 1.0350\text{E-}005 * x + 4.0939\text{E-}006$$

$$R = 0.9969$$

$$DL = 0.2436$$

Weight: &lt;None&gt;

Min Conc: 0

**109 Ag [No Gas] ISTD :159 Tb [No Gas]**

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.22      | 0.0000 | P    | 26.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.953      | 4381.38    | 0.0006 | P    | 1.0  |
| 3 | <input type="checkbox"/> | 50.000   | 51.120     | 231632.93  | 0.0305 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 125.000  | 131.105    | 555500.40  | 0.0781 | P    | 12.8 |
| 5 | <input type="checkbox"/> | 250.000  | 248.042    | 1109200.68 | 0.1477 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 580.022    | 2307951.14 | 0.3455 | A    | 20.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 959.660    | 4342238.03 | 0.5716 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 1075.07    | 0.0001 | P    | 3.7  |

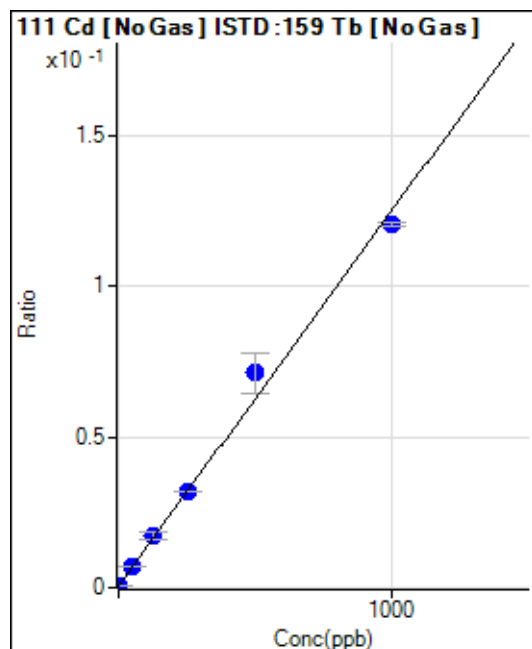
$$y = 5.9559\text{E-}004 * x + 6.3244\text{E-}006$$

$$R = 0.9951$$

$$DL = 0.008378$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4097.38   | 0.0005 | P    | 6.7  |
| 2 | <input type="checkbox"/> | 1.000    | 0.932      | 5078.77   | 0.0007 | P    | 4.2  |
| 3 | <input type="checkbox"/> | 50.000   | 52.250     | 53663.61  | 0.0071 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 135.005    | 123402.89 | 0.0174 | P    | 13.5 |
| 5 | <input type="checkbox"/> | 250.000  | 253.982    | 241528.46 | 0.0322 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 568.592    | 477596.71 | 0.0713 | P    | 18.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 963.345    | 915302.80 | 0.1205 | P    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 4475.00   | 0.0006 | P    | 2.2  |

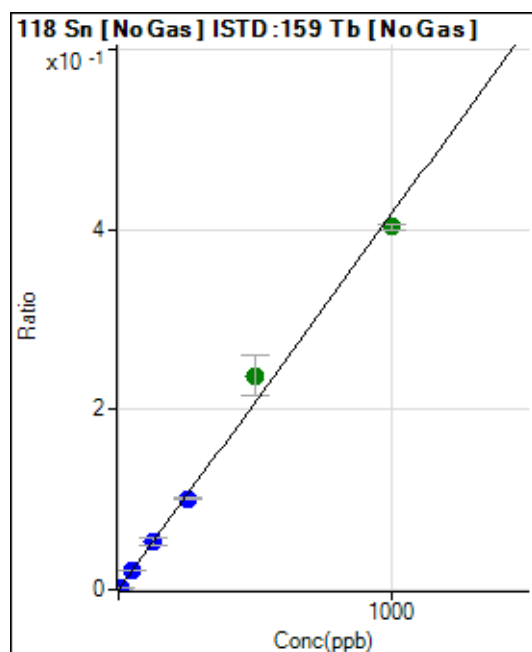
$$y = 1.2450\text{E-}004 * x + 5.4953\text{E-}004$$

$$R = 0.9964$$

$$DL = 0.8852$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 527.80     | 0.0001 | P    | 11.7 |
| 2 | <input type="checkbox"/> | 5.000    | 4.481      | 14802.81   | 0.0019 | P    | 3.1  |
| 3 | <input type="checkbox"/> | 50.000   | 49.786     | 158483.42  | 0.0208 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 128.278    | 380386.99  | 0.0536 | P    | 15.1 |
| 5 | <input type="checkbox"/> | 250.000  | 242.771    | 760694.35  | 0.1013 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 570.471    | 1591473.47 | 0.2380 | A    | 19.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 966.176    | 3061573.25 | 0.4030 | A    | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 2564.20    | 0.0003 | P    | 6.4  |

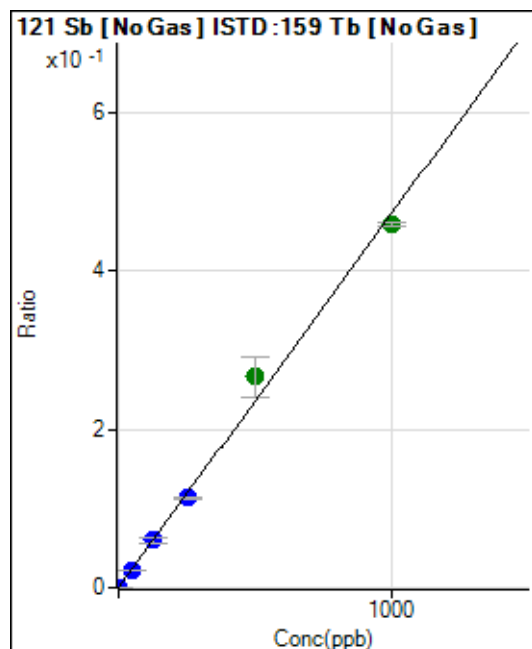
$$y = 4.1704\text{E-}004 * x + 7.0839\text{E-}005$$

$$R = 0.9962$$

$$DL = 0.05946$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 102.78     | 0.0000 | P    | 10.7 |
| 2 | <input type="checkbox"/> | 2.000    | 1.740      | 6371.11    | 0.0008 | P    | 3.6  |
| 3 | <input type="checkbox"/> | 50.000   | 48.117     | 172799.86  | 0.0227 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 125.000  | 126.852    | 425278.46  | 0.0599 | P    | 14.7 |
| 5 | <input type="checkbox"/> | 250.000  | 239.911    | 850019.98  | 0.1132 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 564.461    | 1782048.89 | 0.2664 | A    | 19.1 |
| 7 | <input type="checkbox"/> | 1000.000 | 970.155    | 3477601.81 | 0.4578 | A    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 3450.55    | 0.0005 | P    | 12.6 |

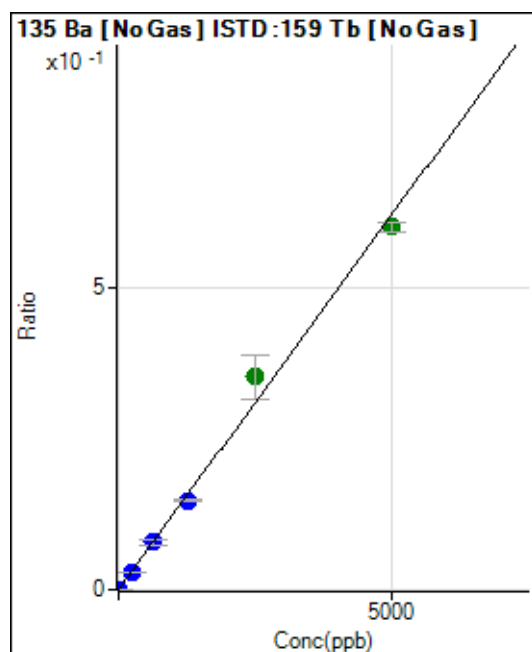
$$y = 4.7185\text{E-}004 * x + 1.3761\text{E-}005$$

$$R = 0.9968$$

$$DL = 0.009361$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19.44      | 0.0000 | P    | 64.0 |
| 2 | <input type="checkbox"/> | 10.000   | 8.435      | 8019.28    | 0.0011 | P    | 7.6  |
| 3 | <input type="checkbox"/> | 250.000  | 241.207    | 228080.66  | 0.0300 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 625.000  | 629.169    | 555190.79  | 0.0782 | P    | 15.5 |
| 5 | <input type="checkbox"/> | 1250.000 | 1186.856   | 1107624.10 | 0.1475 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2844.052   | 2361782.08 | 0.3535 | A    | 20.4 |
| 7 | <input type="checkbox"/> | 5000.000 | 4843.682   | 4573814.43 | 0.6021 | A    | 2.4  |
| 8 | <input type="checkbox"/> |          |            | 2950.40    | 0.0004 | P    | 8.4  |

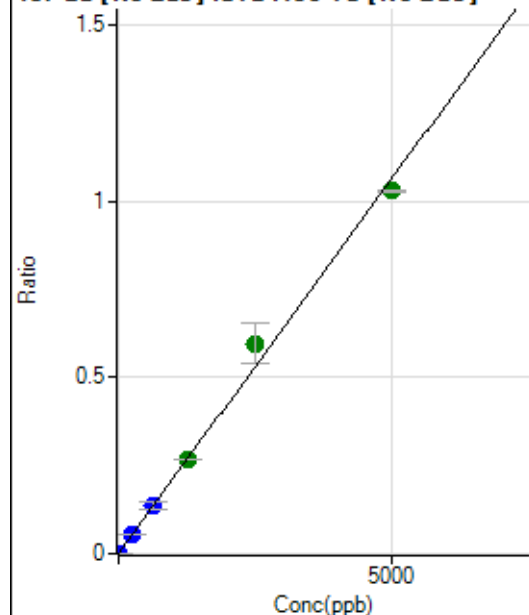
$$y = 1.2430\text{E-}004 * x + 2.5939\text{E-}006$$

$$R = 0.9964$$

$$DL = 0.04009$$

Weight: <None>

Min Conc: 0

**137 Ba [No Gas] ISTD : 159 Tb [No Gas]**

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.33      | 0.0000 | P    | 29.6 |
| 2 | <input type="checkbox"/> | 10.000   | 9.058      | 14738.99   | 0.0019 | P    | 2.6  |
| 3 | <input type="checkbox"/> | 250.000  | 247.439    | 399761.43  | 0.0526 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 625.000  | 645.672    | 974651.89  | 0.1371 | P    | 13.8 |
| 5 | <input type="checkbox"/> | 1250.000 | 1247.507   | 1989115.02 | 0.2649 | A    | 0.3  |
| 6 | <input type="checkbox"/> | 2500.000 | 2809.701   | 3990776.04 | 0.5967 | A    | 19.5 |
| 7 | <input type="checkbox"/> | 5000.000 | 4843.319   | 7813929.17 | 1.0285 | A    | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 5220.60    | 0.0007 | P    | 2.9  |

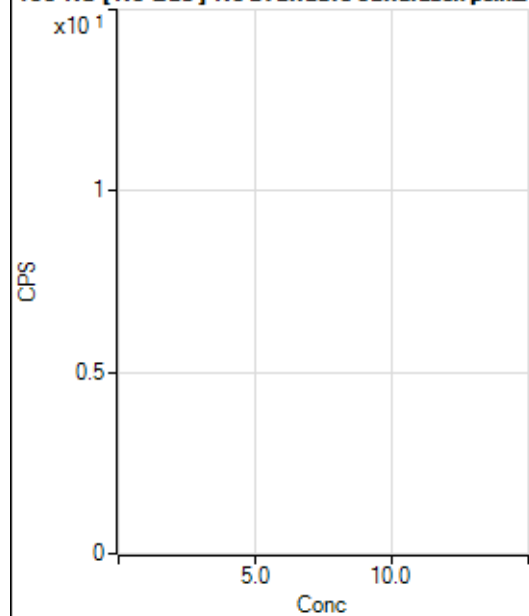
$$y = 2.1236E-004 * x + 7.8325E-006$$

$$R = 0.9971$$

$$DL = 0.03275$$

Weight: &lt;None&gt;

Min Conc: 0

**150 Nd [No Gas] No available calibration points**

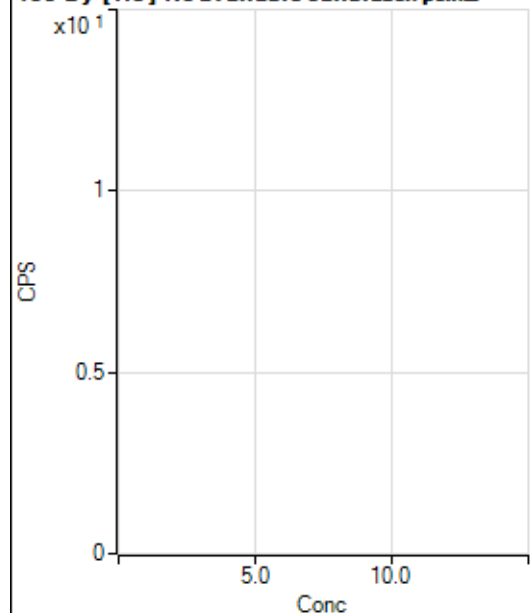
|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS    | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|--------|-------|------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P    | 43.3 |
| 2 | <input type="checkbox"/> |       |            | 6.67   |       | P    | 100. |
| 3 | <input type="checkbox"/> |       |            | 68.89  |       | P    | 24.4 |
| 4 | <input type="checkbox"/> |       |            | 142.22 |       | P    | 27.1 |
| 5 | <input type="checkbox"/> |       |            | 306.68 |       | P    | 19.9 |
| 6 | <input type="checkbox"/> |       |            | 415.57 |       | P    | 25.9 |
| 7 | <input type="checkbox"/> |       |            | 957.84 |       | P    | 2.6  |
| 8 | <input type="checkbox"/> |       |            | 171.12 |       | P    | 22.5 |

**150 Nd [He] No available calibration points**

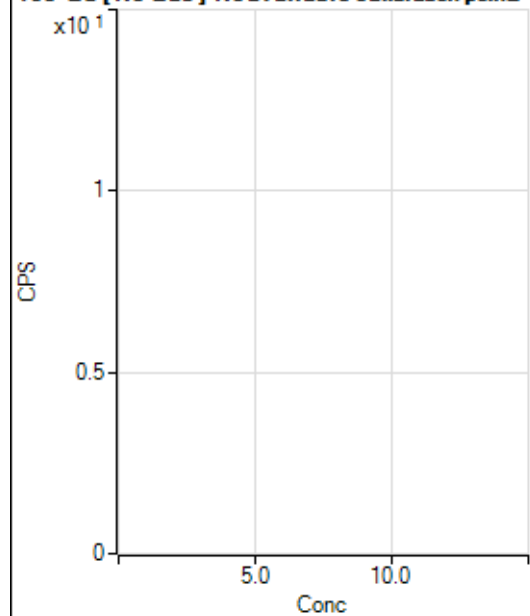
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 31.5 |
| 5 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 28.9 |
| 6 | <input type="checkbox"/> |       |            | 45.56 |       | P        | 4.2  |
| 7 | <input type="checkbox"/> |       |            | 85.56 |       | P        | 6.0  |
| 8 | <input type="checkbox"/> |       |            | 57.78 |       | P        | 8.8  |

**156 Dy [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 114. |
| 2 | <input type="checkbox"/> |       |            | 2.78   |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 30.56  |       | P        | 41.7 |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 66.2 |
| 5 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 13.5 |
| 6 | <input type="checkbox"/> |       |            | 177.78 |       | P        | 26.7 |
| 7 | <input type="checkbox"/> |       |            | 388.91 |       | P        | 13.6 |
| 8 | <input type="checkbox"/> |       |            | 819.49 |       | P        | 5.9  |

**156 Dy [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 89.2 |
| 4 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 34.7 |
| 5 | <input type="checkbox"/> |       |            | 42.22  |       | P        | 24.1 |
| 6 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 33.7 |
| 7 | <input type="checkbox"/> |       |            | 151.11 |       | P        | 17.8 |
| 8 | <input type="checkbox"/> |       |            | 461.13 |       | P        | 15.0 |

**160 Gd [No Gas] Noavailable calibration poin...**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 63.89   |       | P        | 27.2 |
| 2 | <input type="checkbox"/> |       |            | 66.67   |       | P        | 45.1 |
| 3 | <input type="checkbox"/> |       |            | 75.00   |       | P        | 33.3 |
| 4 | <input type="checkbox"/> |       |            | 80.56   |       | P        | 11.9 |
| 5 | <input type="checkbox"/> |       |            | 127.78  |       | P        | 19.9 |
| 6 | <input type="checkbox"/> |       |            | 147.23  |       | P        | 23.6 |
| 7 | <input type="checkbox"/> |       |            | 344.46  |       | P        | 15.7 |
| 8 | <input type="checkbox"/> |       |            | 1011.18 |       | P        | 7.8  |

**160 Gd [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 136.67 |       | P        | 6.5  |
| 2 | <input type="checkbox"/> |       |            | 151.12 |       | P        | 15.0 |
| 3 | <input type="checkbox"/> |       |            | 148.89 |       | P        | 5.6  |
| 4 | <input type="checkbox"/> |       |            | 167.78 |       | P        | 9.4  |
| 5 | <input type="checkbox"/> |       |            | 194.45 |       | P        | 11.4 |
| 6 | <input type="checkbox"/> |       |            | 202.23 |       | P        | 15.3 |
| 7 | <input type="checkbox"/> |       |            | 268.89 |       | P        | 4.0  |
| 8 | <input type="checkbox"/> |       |            | 541.13 |       | P        | 15.3 |

**164 Er [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 51.5 |
| 2 | <input type="checkbox"/> |       |            | 44.44  |       | P        | 21.7 |
| 3 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 56.7 |
| 4 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 17.3 |
| 5 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 15.8 |
| 6 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 27.1 |
| 7 | <input type="checkbox"/> |       |            | 147.23 |       | P        | 48.1 |
| 8 | <input type="checkbox"/> |       |            | 147.23 |       | P        | 13.1 |

**164 Er [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 13.4 |
| 2 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 22.9 |
| 3 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 48.5 |
| 4 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 22.3 |
| 5 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 41.7 |
| 6 | <input type="checkbox"/> |       |            | 50.00 |       | P        | 23.1 |
| 7 | <input type="checkbox"/> |       |            | 67.78 |       | P        | 24.8 |
| 8 | <input type="checkbox"/> |       |            | 73.33 |       | P        | 15.7 |

**172 Yb [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 52.7 |
| 2 | <input type="checkbox"/> |       |            | 44.45  |       | P        | 39.0 |
| 3 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 75.3 |
| 4 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 18.3 |
| 5 | <input type="checkbox"/> |       |            | 119.45 |       | P        | 17.6 |
| 6 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 7.7  |
| 7 | <input type="checkbox"/> |       |            | 200.01 |       | P        | 4.2  |
| 8 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 36.1 |

**172 Yb [He] No available calibration points**

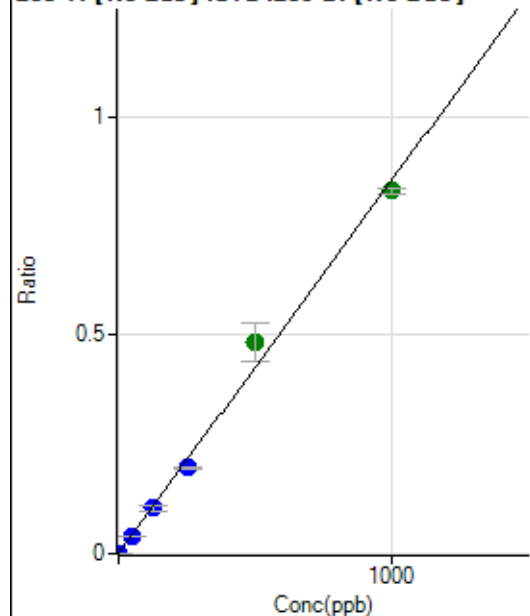
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 20.37 |       | P        | 15.7 |
| 2 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 0.0  |
| 3 | <input type="checkbox"/> |       |            | 29.63 |       | P        | 43.3 |
| 4 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 51.5 |
| 5 | <input type="checkbox"/> |       |            | 40.74 |       | P        | 41.7 |
| 6 | <input type="checkbox"/> |       |            | 42.59 |       | P        | 45.8 |
| 7 | <input type="checkbox"/> |       |            | 94.45 |       | P        | 30.6 |
| 8 | <input type="checkbox"/> |       |            | 70.37 |       | P        | 16.4 |

**176 Yb [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 1677.93  |       | P        | 6.2 |
| 2 | <input type="checkbox"/> |       |            | 1811.29  |       | P        | 6.8 |
| 3 | <input type="checkbox"/> |       |            | 2658.68  |       | P        | 8.1 |
| 4 | <input type="checkbox"/> |       |            | 3517.25  |       | P        | 5.1 |
| 5 | <input type="checkbox"/> |       |            | 5845.90  |       | P        | 1.6 |
| 6 | <input type="checkbox"/> |       |            | 9714.94  |       | P        | 0.7 |
| 7 | <input type="checkbox"/> |       |            | 17948.78 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> |       |            | 1783.51  |       | P        | 9.7 |

**176 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 9753.75  |       | P        | 1.4 |
| 2 | <input type="checkbox"/> |       |            | 9927.98  |       | P        | 2.1 |
| 3 | <input type="checkbox"/> |       |            | 9857.54  |       | P        | 3.1 |
| 4 | <input type="checkbox"/> |       |            | 10621.09 |       | P        | 1.2 |
| 5 | <input type="checkbox"/> |       |            | 11703.53 |       | P        | 1.2 |
| 6 | <input type="checkbox"/> |       |            | 13303.18 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> |       |            | 18049.67 |       | P        | 5.8 |
| 8 | <input type="checkbox"/> |       |            | 9675.91  |       | P        | 0.9 |

**203 Tl [No Gas] ISTD :209 Bi [No Gas]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.34     | 0.0000 | P        | 19.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.838      | 3670.06    | 0.0007 | P        | 2.9  |
| 3 | <input type="checkbox"/> | 50.000   | 47.374     | 196539.28  | 0.0405 | P        | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 121.853    | 480894.03  | 0.1041 | P        | 11.4 |
| 5 | <input type="checkbox"/> | 250.000  | 230.629    | 968896.93  | 0.1971 | P        | 3.0  |
| 6 | <input type="checkbox"/> | 500.000  | 565.681    | 2050817.30 | 0.4833 | A        | 18.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 972.527    | 3967636.37 | 0.8309 | A        | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 1077.86    | 0.0002 | P        | 9.1  |

$$y = 8.5435E-004 * x + 2.2098E-005$$

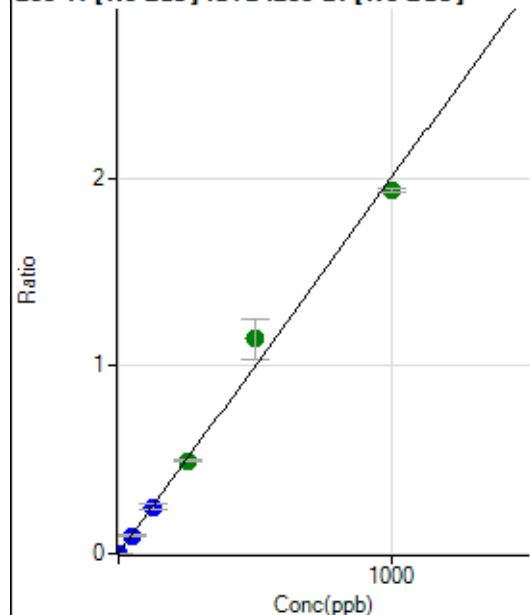
$$R = 0.9966$$

$$DL = 0.01523$$

Weight: &lt;None&gt;

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 305.57     | 0.0001 | P        | 10.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.840      | 8678.10    | 0.0017 | P        | 3.8  |
| 3 | <input type="checkbox"/> | 50.000   | 48.558     | 472688.20  | 0.0974 | P        | 2.9  |
| 4 | <input type="checkbox"/> | 125.000  | 123.772    | 1145825.42 | 0.2482 | P        | 11.9 |
| 5 | <input type="checkbox"/> | 250.000  | 247.687    | 2442071.39 | 0.4966 | A        | 2.2  |
| 6 | <input type="checkbox"/> | 500.000  | 571.311    | 4857656.01 | 1.1454 | A        | 18.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 965.148    | 9238843.87 | 1.9349 | A        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 2700.37    | 0.0006 | P        | 5.7  |

$$y = 0.0020 * x + 6.2385E-005$$

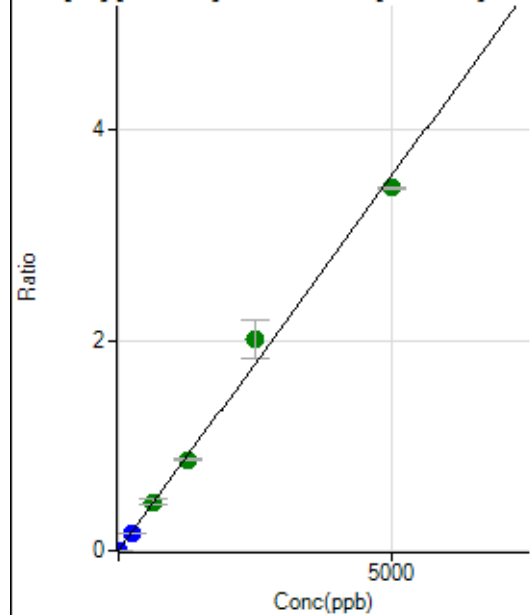
$$R = 0.9961$$

$$DL = 0.009344$$

Weight: &lt;None&gt;

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 444.46      | 0.0001 | P        | 14.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.839      | 3422.75     | 0.0007 | P        | 1.6  |
| 3 | <input type="checkbox"/> | 250.000  | 232.163    | 803157.24   | 0.1655 | P        | 1.5  |
| 4 | <input type="checkbox"/> | 625.000  | 646.665    | 2126801.06  | 0.4608 | A        | 12.2 |
| 5 | <input type="checkbox"/> | 1250.000 | 1217.314   | 4264926.25  | 0.8673 | A        | 2.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2825.404   | 8535330.40  | 2.0129 | A        | 19.0 |
| 7 | <input type="checkbox"/> | 5000.000 | 4843.653   | 16477643.07 | 3.4507 | A        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 7976.76     | 0.0018 | P        | 4.4  |

$$y = 7.1240E-004 * x + 9.0792E-005$$

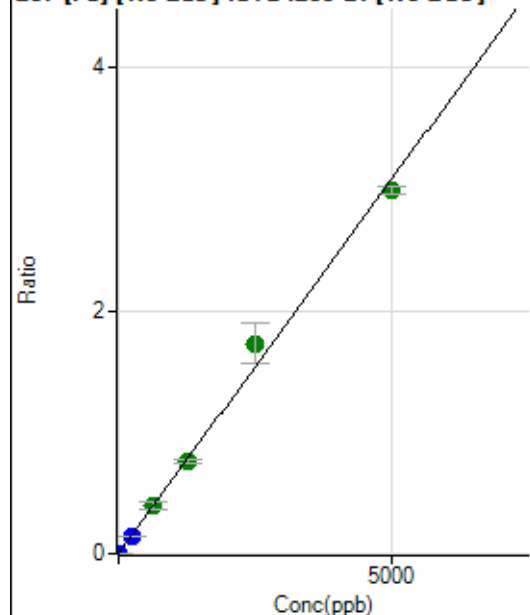
$$R = 0.9968$$

$$DL = 0.05619$$

Weight: &lt;None&gt;

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 366.68      | 0.0001 | P        | 9.3  |
| 2 | <input type="checkbox"/> | 1.000    | 0.878      | 3063.37     | 0.0006 | P        | 5.3  |
| 3 | <input type="checkbox"/> | 250.000  | 232.616    | 695853.92   | 0.1434 | P        | 1.7  |
| 4 | <input type="checkbox"/> | 625.000  | 643.444    | 1829317.85  | 0.3965 | A        | 12.8 |
| 5 | <input type="checkbox"/> | 1250.000 | 1234.856   | 3740978.35  | 0.7608 | A        | 2.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2807.834   | 7336612.90  | 1.7299 | A        | 18.8 |
| 7 | <input type="checkbox"/> | 5000.000 | 4848.432   | 14259652.17 | 2.9871 | A        | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 6768.66     | 0.0015 | P        | 5.6  |

$$y = 6.1607E-004 * x + 7.4917E-005$$

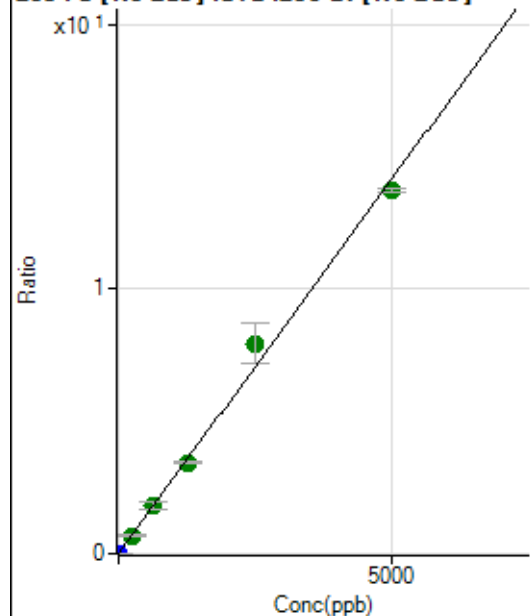
$$R = 0.9971$$

$$DL = 0.03405$$

Weight: &lt;None&gt;

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1722.30     | 0.0004  | P        | 10.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.858      | 13814.25    | 0.0028  | P        | 1.9  |
| 3 | <input type="checkbox"/> | 250.000  | 242.241    | 3327580.31  | 0.6856  | A        | 1.7  |
| 4 | <input type="checkbox"/> | 625.000  | 645.004    | 8419557.20  | 1.8251  | A        | 12.9 |
| 5 | <input type="checkbox"/> | 1250.000 | 1219.690   | 16970225.64 | 3.4508  | A        | 1.8  |
| 6 | <input type="checkbox"/> | 2500.000 | 2813.692   | 33762229.69 | 7.9602  | A        | 18.8 |
| 7 | <input type="checkbox"/> | 5000.000 | 4848.619   | 65494931.90 | 13.7170 | A        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 31380.56    | 0.0070  | P        | 3.6  |

$$y = 0.0028 * x + 3.5187E-004$$

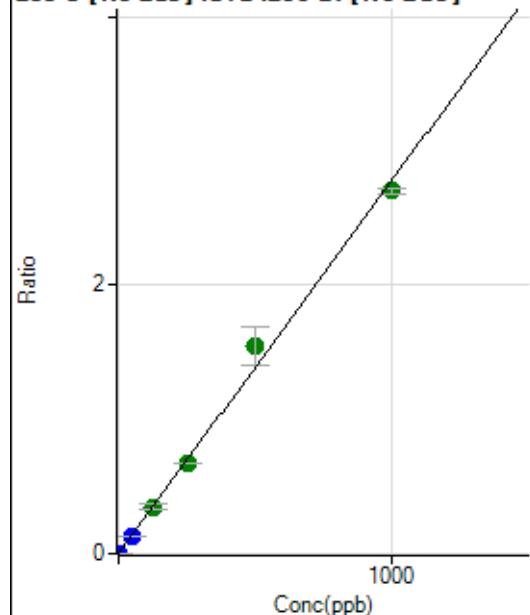
$$R = 0.9970$$

$$DL = 0.03809$$

Weight: &lt;None&gt;

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 141.67      | 0.0000 | P    | 10.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.811      | 11341.54    | 0.0023 | P    | 2.6  |
| 3 | <input type="checkbox"/> | 50.000   | 46.772     | 630389.04   | 0.1299 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 125.000  | 126.330    | 1618648.07  | 0.3508 | A    | 12.7 |
| 5 | <input type="checkbox"/> | 250.000  | 242.528    | 3312170.06  | 0.6734 | A    | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 556.572    | 6558029.75  | 1.5454 | A    | 18.3 |
| 7 | <input type="checkbox"/> | 1000.000 | 973.577    | 12909096.82 | 2.7033 | A    | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 2239.15     | 0.0005 | P    | 8.2  |

$$y = 0.0028 * x + 2.8927E-005$$

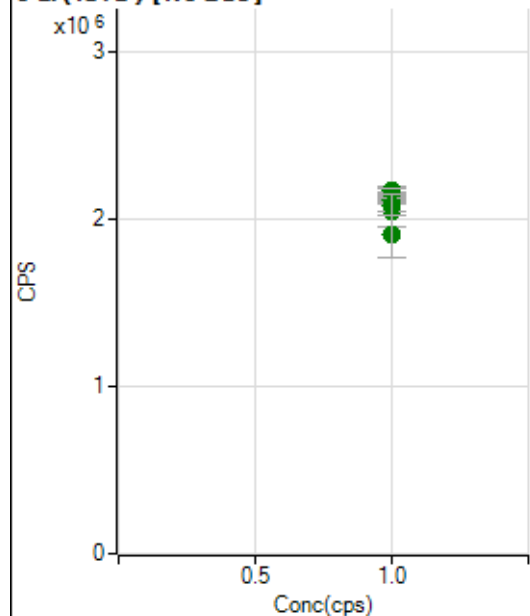
$$R = 0.9976$$

$$DL = 0.00312$$

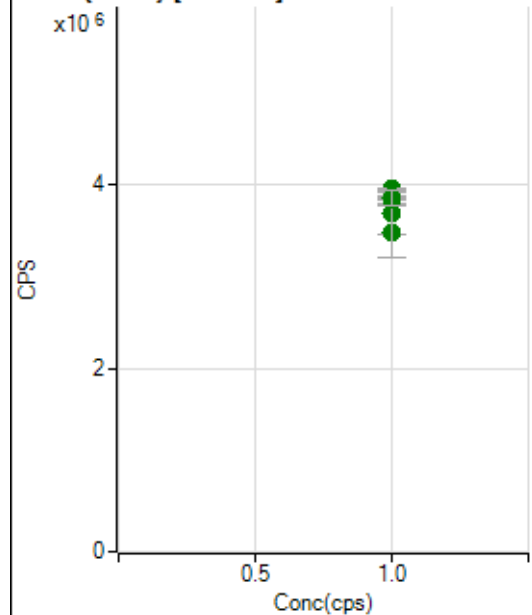
Weight: &lt;None&gt;

Min Conc: 0

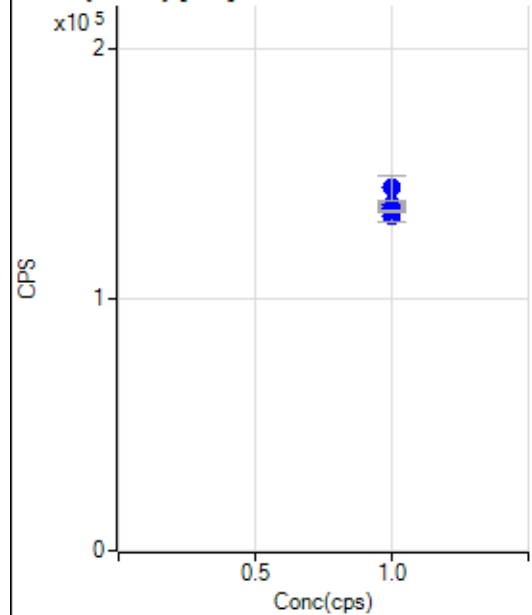
6 Li (ISTD) [No Gas]



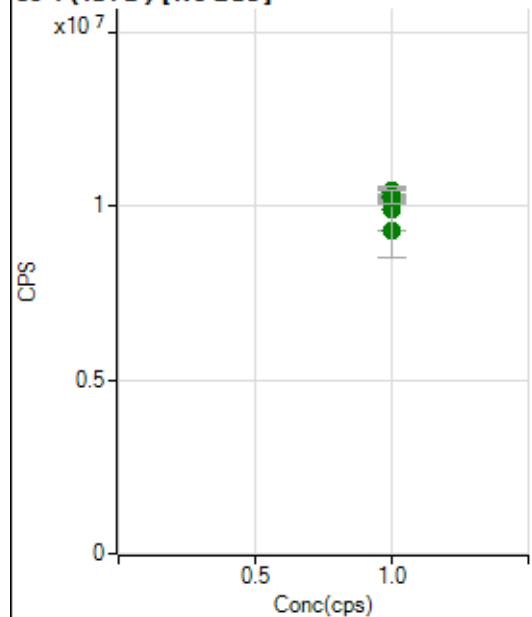
|   | R <sub>ct</sub>          | Conc. | Calc Conc. | CPS        | Ratio | Det. | RSD  |
|---|--------------------------|-------|------------|------------|-------|------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 2135168.26 |       | A    | 2.1  |
| 2 | <input type="checkbox"/> | 1.000 |            | 2169967.30 |       | A    | 2.5  |
| 3 | <input type="checkbox"/> | 1.000 |            | 2168496.18 |       | A    | 1.5  |
| 4 | <input type="checkbox"/> | 1.000 |            | 2046410.84 |       | A    | 8.7  |
| 5 | <input type="checkbox"/> | 1.000 |            | 2123472.36 |       | A    | 1.5  |
| 6 | <input type="checkbox"/> | 1.000 |            | 1909057.91 |       | A    | 14.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2113553.62 |       | A    | 1.5  |
| 8 | <input type="checkbox"/> | 1.000 |            | 2085762.34 |       | A    | 6.4  |

**45 Sc (ISTD) [No Gas]**

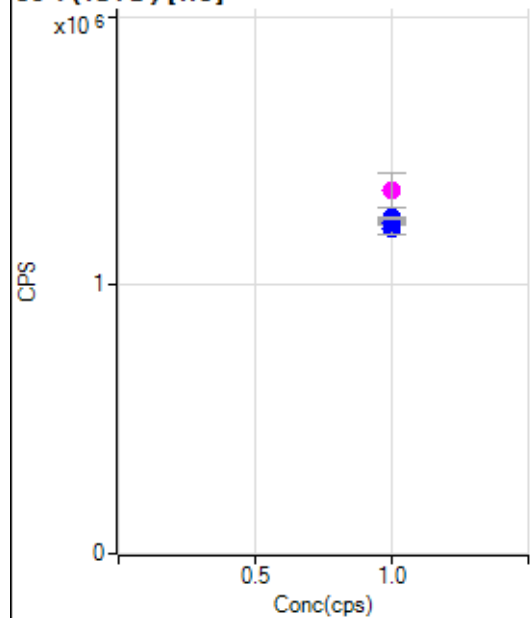
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 3955959.25 |       | A        | 0.3  |
| 2 | <input type="checkbox"/> | 1.000 |            | 3957358.10 |       | A        | 0.4  |
| 3 | <input type="checkbox"/> | 1.000 |            | 3884176.37 |       | A        | 0.2  |
| 4 | <input type="checkbox"/> | 1.000 |            | 3692887.97 |       | A        | 12.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3840799.84 |       | A        | 2.1  |
| 6 | <input type="checkbox"/> | 1.000 |            | 3485511.06 |       | A        | 16.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3848532.93 |       | A        | 0.5  |
| 8 | <input type="checkbox"/> | 1.000 |            | 3861870.60 |       | A        | 4.6  |

**45 Sc (ISTD) [He]**

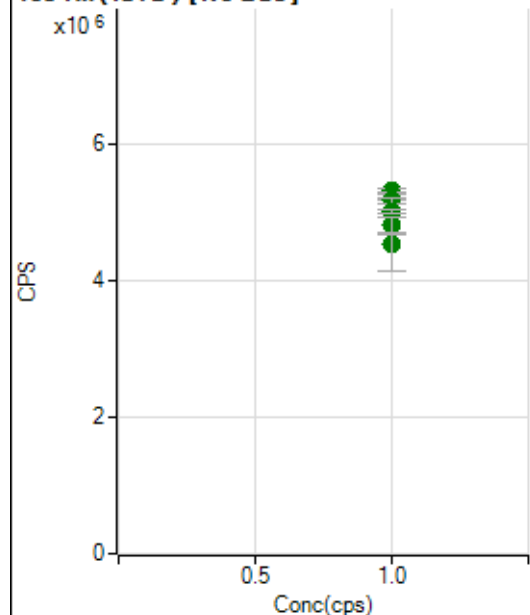
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 137510.87 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 137815.71 |       | P        | 1.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 133349.11 |       | P        | 3.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 136272.39 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 136274.76 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 136422.67 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 144518.47 |       | P        | 6.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 135369.51 |       | P        | 0.6 |

**89 Y (ISTD) [No Gas]**

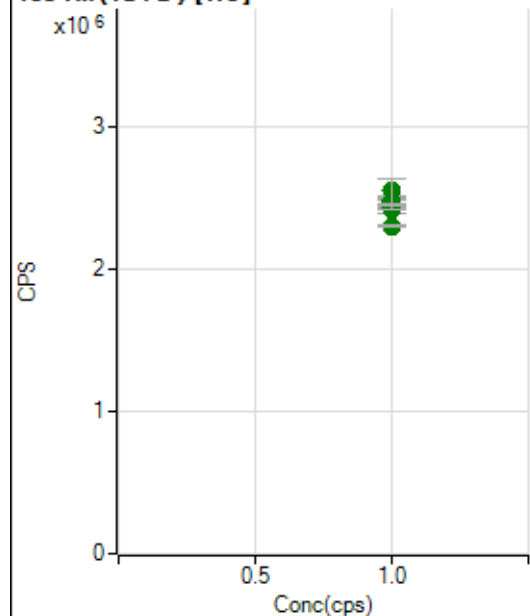
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 10280728.18 |       | A        | 0.7  |
| 2 | <input type="checkbox"/> | 1.000 |            | 10392589.98 |       | A        | 1.3  |
| 3 | <input type="checkbox"/> | 1.000 |            | 10439891.37 |       | A        | 2.4  |
| 4 | <input type="checkbox"/> | 1.000 |            | 9897732.14  |       | A        | 12.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10296528.18 |       | A        | 0.8  |
| 6 | <input type="checkbox"/> | 1.000 |            | 9323950.35  |       | A        | 17.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10244117.07 |       | A        | 1.3  |
| 8 | <input type="checkbox"/> | 1.000 |            | 10279258.88 |       | A        | 3.7  |

**89 Y (ISTD) [He]**

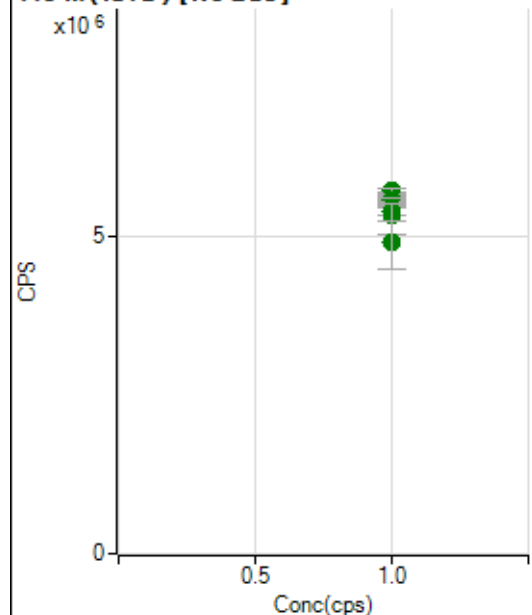
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1239762.46 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1248907.38 |       | P        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1212429.44 |       | P        | 3.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1228384.09 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1237291.78 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1239342.66 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1350417.05 |       | M        | 9.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1250127.11 |       | P        | 0.5 |

**103 Rh (ISTD) [No Gas]**

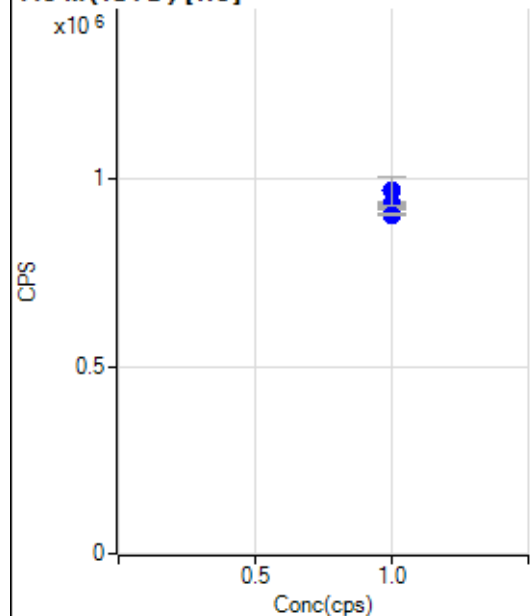
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 5192658.54 |       | A        | 0.5  |
| 2 | <input type="checkbox"/> | 1.000 |            | 5316502.29 |       | A        | 1.6  |
| 3 | <input type="checkbox"/> | 1.000 |            | 5279629.37 |       | A        | 0.5  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4982540.04 |       | A        | 12.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5172741.52 |       | A        | 1.3  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4534153.27 |       | A        | 16.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5009206.27 |       | A        | 1.1  |
| 8 | <input type="checkbox"/> | 1.000 |            | 4814954.01 |       | A        | 4.3  |

**103 Rh (ISTD) [He]**

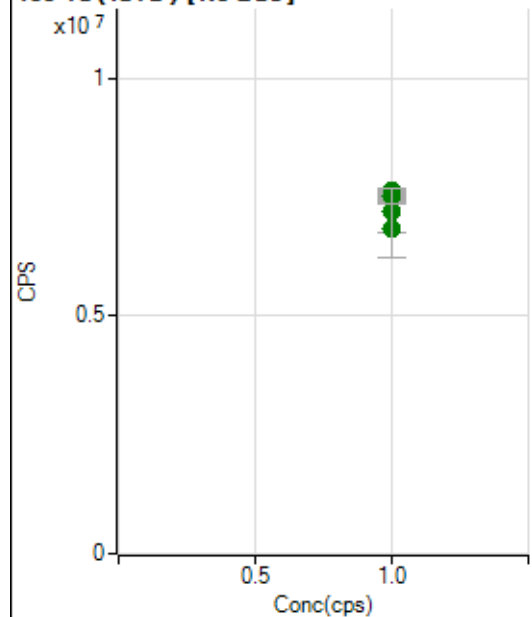
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2501285.20 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2484365.64 |       | A        | 1.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2431418.77 |       | A        | 2.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2488531.30 |       | A        | 2.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2428858.40 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2439161.73 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2554901.98 |       | A        | 7.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2305171.95 |       | A        | 0.5 |

**115 In (ISTD) [No Gas]**

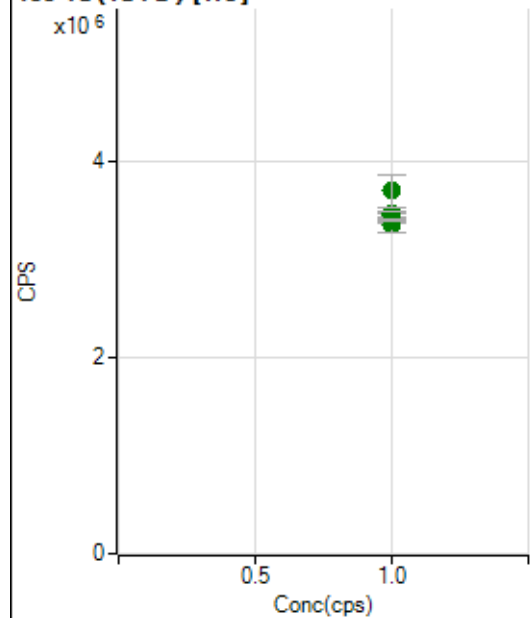
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 5599406.94 |       | A        | 1.8  |
| 2 | <input type="checkbox"/> | 1.000 |            | 5661517.82 |       | A        | 1.1  |
| 3 | <input type="checkbox"/> | 1.000 |            | 5702209.23 |       | A        | 1.7  |
| 4 | <input type="checkbox"/> | 1.000 |            | 5327776.65 |       | A        | 11.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5561225.75 |       | A        | 0.8  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4907538.53 |       | A        | 17.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5449496.69 |       | A        | 0.6  |
| 8 | <input type="checkbox"/> | 1.000 |            | 5376139.68 |       | A        | 5.1  |

**115 In (ISTD) [He]**

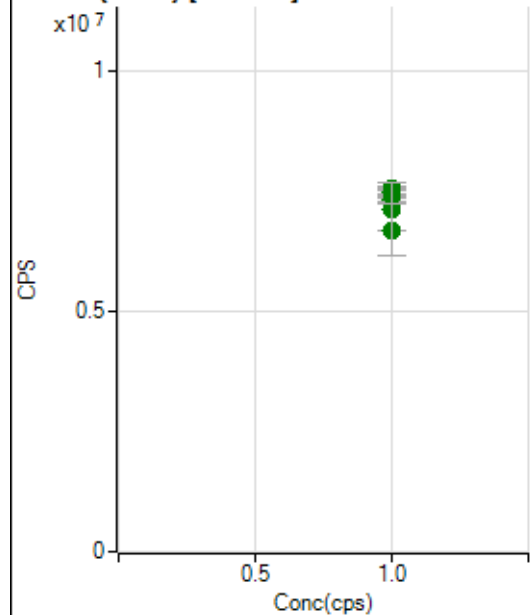
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 934270.32 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 935618.54 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 917845.20 |       | P        | 3.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 932348.20 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 928568.20 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 920581.76 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 969453.24 |       | P        | 8.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 905047.65 |       | P        | 0.6 |

**159 Tb (ISTD) [No Gas]**

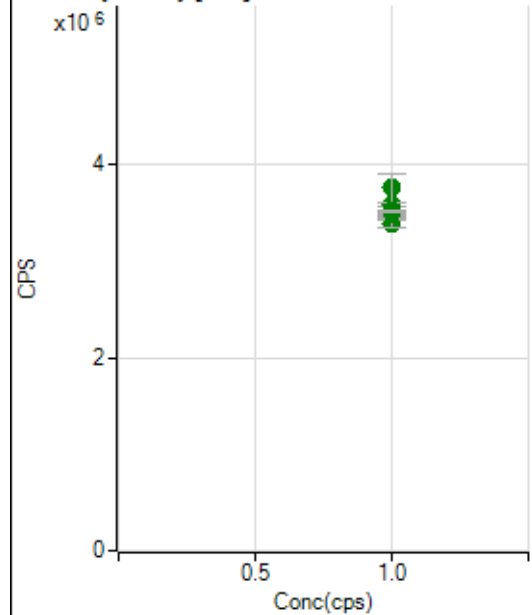
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 7460162.11 |       | A        | 1.7  |
| 2 | <input type="checkbox"/> | 1.000 |            | 7631955.30 |       | A        | 0.6  |
| 3 | <input type="checkbox"/> | 1.000 |            | 7607246.69 |       | A        | 0.9  |
| 4 | <input type="checkbox"/> | 1.000 |            | 7183509.13 |       | A        | 11.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7508110.51 |       | A        | 0.3  |
| 6 | <input type="checkbox"/> | 1.000 |            | 6841585.17 |       | A        | 17.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7596923.29 |       | A        | 0.7  |
| 8 | <input type="checkbox"/> | 1.000 |            | 7518083.29 |       | A        | 4.4  |

**159 Tb (ISTD) [He]**

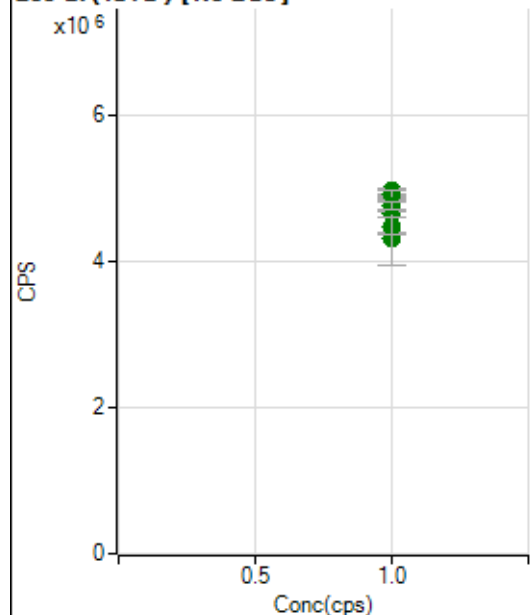
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3441064.64 |       | A        | 1.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3388855.51 |       | A        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3348033.42 |       | A        | 4.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3409135.68 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3464453.18 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3456448.18 |       | A        | 2.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3694689.22 |       | A        | 8.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3397389.74 |       | A        | 0.8 |

**165 Ho (ISTD) [No Gas]**

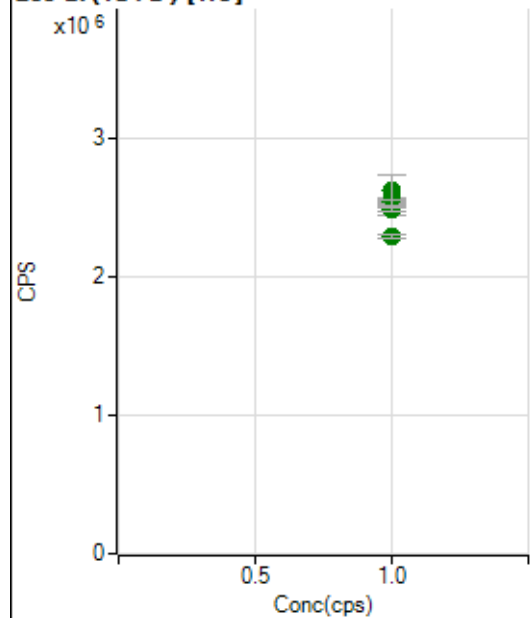
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 7336404.33 |       | A        | 2.0  |
| 2 | <input type="checkbox"/> | 1.000 |            | 7500430.81 |       | A        | 2.6  |
| 3 | <input type="checkbox"/> | 1.000 |            | 7547037.06 |       | A        | 0.6  |
| 4 | <input type="checkbox"/> | 1.000 |            | 7114774.51 |       | A        | 11.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7410588.53 |       | A        | 1.0  |
| 6 | <input type="checkbox"/> | 1.000 |            | 6697693.47 |       | A        | 16.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7420717.61 |       | A        | 0.9  |
| 8 | <input type="checkbox"/> | 1.000 |            | 7466317.09 |       | A        | 6.2  |

**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3486362.20 |       | A        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3496305.99 |       | A        | 2.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3390309.84 |       | A        | 2.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3480833.04 |       | A        | 2.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3499489.32 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3590837.65 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3759951.33 |       | A        | 8.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3520965.64 |       | A        | 0.4 |

**209 Bi (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|------------|-------|----------|------|
| 1 | <input type="checkbox"/> | 1.000 |            | 4897214.86 |       | A        | 1.0  |
| 2 | <input type="checkbox"/> | 1.000 |            | 4972611.49 |       | A        | 1.9  |
| 3 | <input type="checkbox"/> | 1.000 |            | 4853969.17 |       | A        | 1.5  |
| 4 | <input type="checkbox"/> | 1.000 |            | 4655213.47 |       | A        | 10.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4919143.92 |       | A        | 2.4  |
| 6 | <input type="checkbox"/> | 1.000 |            | 4333431.01 |       | A        | 17.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4775406.32 |       | A        | 2.4  |
| 8 | <input type="checkbox"/> | 1.000 |            | 4492869.41 |       | A        | 4.9  |

**209 Bi (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2541616.39 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2556524.15 |       | A        | 1.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2497443.94 |       | A        | 3.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2544933.85 |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2492558.90 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2497658.19 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2625992.88 |       | A        | 9.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2297171.48 |       | A        | 1.1 |