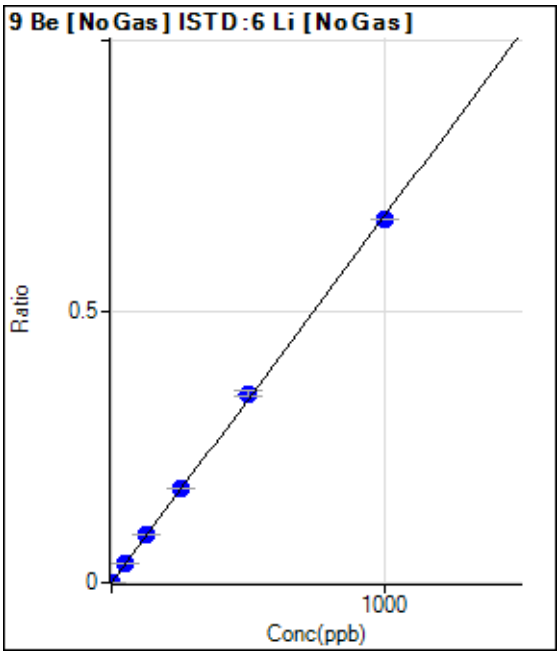
Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040920MS.b\
Analysis File: P8040920MS.batch.bin
DA Date-Time: 2020-04-10 13:01:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

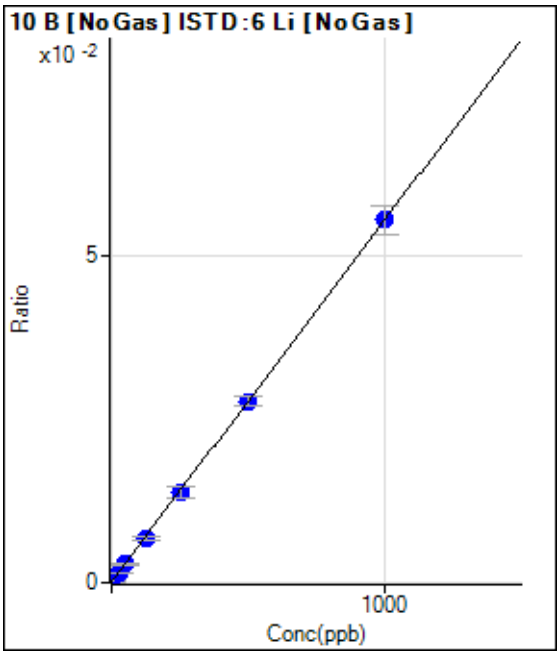
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 003CALB.d | S00 | 2020-04-09 14:52:37 |
| 2 | 004CALS.d | S01 | 2020-04-09 14:55:41 |
| 3 | 006CALS.d | S02 | 2020-04-09 15:01:47 |
| 4 | 007CALS.d | S03 | 2020-04-09 15:04:49 |
| 5 | 008CALS.d | S04 | 2020-04-09 15:07:53 |
| 6 | 009CALS.d | S05 | 2020-04-09 15:10:51 |
| 7 | 010CALS.d | S06 | 2020-04-09 15:13:52 |
| 8 | 011CALS.d | S07 | 2020-04-09 15:16:50 |
| 9 | 012CALS.d | S08 | 2020-04-09 15:19:51 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 14.00 | 0.0000 | P | 62.2 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.087 | 565.23 | 0.0008 | P | 3.9 |
| 4 | ☐ | 50.000 | 51.874 | 27411.23 | 0.0351 | P | 0.5 |
| 5 | ☐ | 125.000 | 130.330 | 66958.71 | 0.0883 | P | 1.3 |
| 6 | ☐ | 250.000 | 256.393 | 140658.45 | 0.1736 | P | 0.6 |
| 7 | ☐ | 500.000 | 516.226 | 253889.72 | 0.3496 | P | 3.3 |
| 8 | ☐ | 1000.000 | 989.529 | 505152.72 | 0.6701 | P | 0.1 |
| 9 | ☐ | | | 115.98 | 0.0002 | P | 13.2 |

y = 6.7719E-004 * x + 1.8966E-005
R = 0.9998
DL = 0.05227
BEC = 0.02801

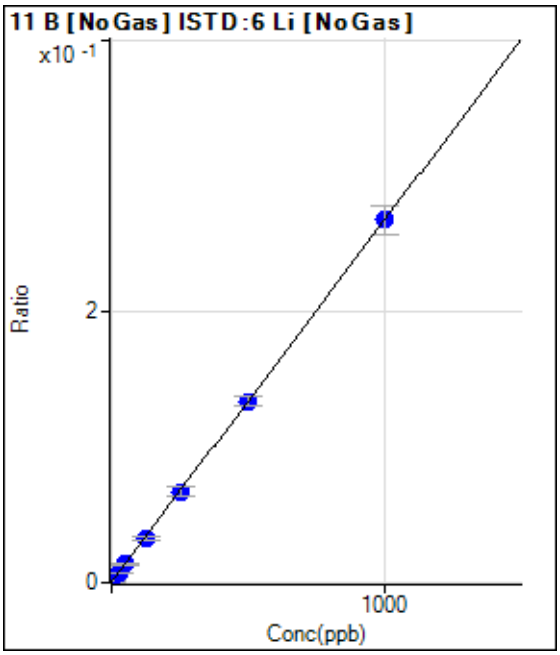
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 95.98 | 0.0001 | P | 16.9 |
| 2 | ☐ | 2.500 | 1.986 | 171.97 | 0.0002 | P | 3.7 |
| 3 | ☐ | 25.000 | 24.061 | 1091.16 | 0.0015 | P | 13.8 |
| 4 | ☐ | 50.000 | 49.908 | 2252.40 | 0.0029 | P | 12.0 |
| 5 | ☐ | 125.000 | 119.930 | 5116.56 | 0.0068 | P | 10.6 |
| 6 | ☐ | 250.000 | 248.457 | 11236.13 | 0.0138 | P | 11.3 |
| 7 | ☐ | 500.000 | 499.236 | 20148.48 | 0.0277 | P | 5.5 |
| 8 | ☐ | 1000.000 | 1001.431 | 41767.48 | 0.0554 | P | 7.8 |
| 9 | ☐ | | | 6001.39 | 0.0081 | P | 11.3 |

y = 5.5199E-005 * x + 1.3005E-004
R = 1.0000
DL = 1.195
BEC = 2.356

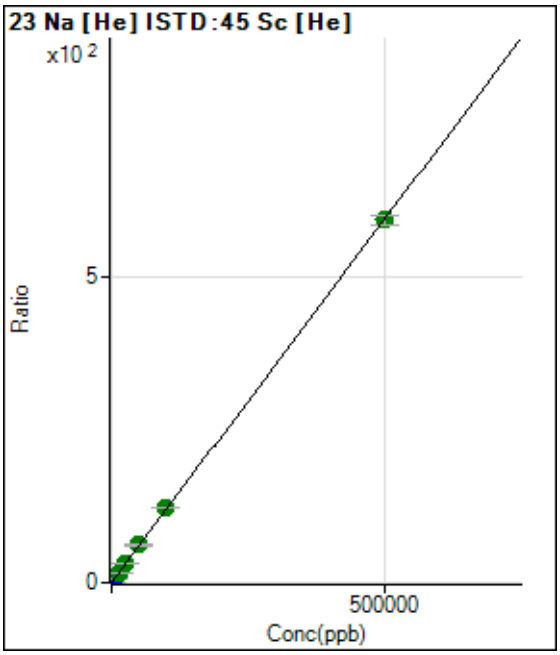
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 404.60 | 0.0005 | P | 16.3 |
| 2 | ☐ | 2.500 | 2.212 | 818.53 | 0.0011 | P | 5.9 |
| 3 | ☐ | 25.000 | 25.247 | 5459.28 | 0.0073 | P | 6.9 |
| 4 | ☐ | 50.000 | 49.843 | 10827.90 | 0.0139 | P | 12.8 |
| 5 | ☐ | 125.000 | 119.670 | 24660.44 | 0.0325 | P | 9.7 |
| 6 | ☐ | 250.000 | 248.657 | 54374.27 | 0.0670 | P | 11.0 |
| 7 | ☐ | 500.000 | 500.269 | 97680.80 | 0.1342 | P | 5.2 |
| 8 | ☐ | 1000.000 | 1000.870 | 202040.72 | 0.2680 | P | 7.8 |
| 9 | ☐ | | | 28492.71 | 0.0386 | P | 13.4 |

y = 2.6724E-004 * x + 5.4837E-004
R = 1.0000
DL = 1.005
BEC = 2.052

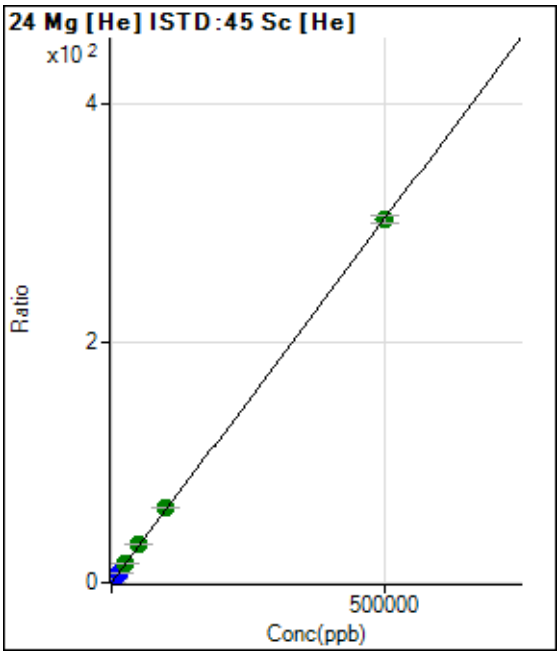
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 23232.87 | 0.3189 | P | 3.1 |
| 2 | ☐ | 50.000 | 36.841 | 27523.71 | 0.3626 | P | 0.8 |
| 3 | ☐ | 500.000 | 511.968 | 70442.40 | 0.9268 | P | 1.7 |
| 4 | ☐ | 5000.000 | 5224.043 | 493236.54 | 6.5221 | P | 2.2 |
| 5 | ☐ | 12500.000 | 13089.000 | 1206440.96 | 15.8612 | A | 2.5 |
| 6 | ☐ | 25000.000 | 26440.863 | 2564924.23 | 31.7156 | A | 1.4 |
| 7 | ☐ | 50000.000 | 51416.529 | 4480791.07 | 61.3725 | A | 1.4 |
| 8 | ☐ | 100000.00 | 102042.29 | 9230695.61 | 121.4871 | A | 0.5 |
| 9 | ☐ | 500000.00 | 499360.86 | 42869346.79 | 593.2759 | A | 2.8 |

y = 0.0012 * x + 0.3189
R = 1.0000
DL = 25.26
BEC = 268.5

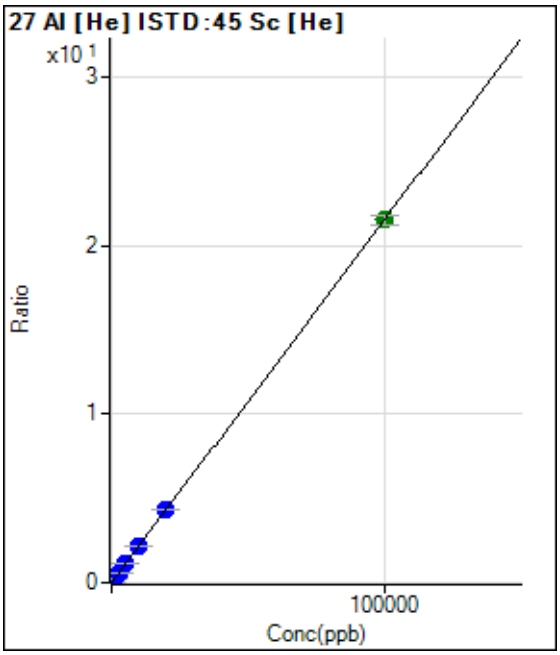
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 202.79 | 0.0028 | P | 24.3 |
| 2 | ☐ | 50.000 | 51.403 | 2580.85 | 0.0340 | P | 6.7 |
| 3 | ☐ | 500.000 | 539.405 | 25113.94 | 0.3304 | P | 0.9 |
| 4 | ☐ | 5000.000 | 5356.963 | 246241.57 | 3.2560 | P | 1.3 |
| 5 | ☐ | 12500.000 | 13411.973 | 619763.35 | 8.1478 | P | 0.2 |
| 6 | ☐ | 25000.000 | 26765.220 | 1314779.17 | 16.2571 | A | 1.2 |
| 7 | ☐ | 50000.000 | 52667.904 | 2335373.34 | 31.9876 | A | 0.7 |
| 8 | ☐ | 100000.00 | 103699.00 | 4785056.40 | 62.9785 | A | 0.8 |
| 9 | ☐ | 500000.00 | 498878.73 | 21892854.31 | 302.9684 | A | 2.2 |

y = 6.0729E-004 * x + 0.0028
R = 1.0000
DL = 3.364
BEC = 4.607

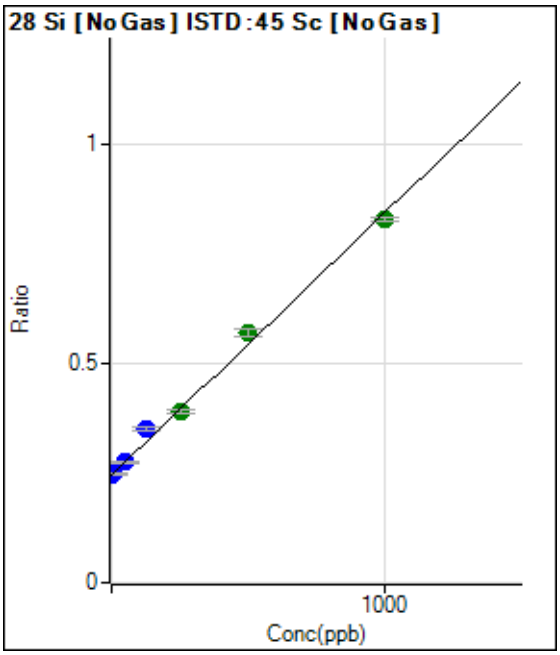
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 376.67 | 0.0052 | P | 15.8 |
| 2 | ☑ | 2.000 | | | | | |
| 3 | ☐ | 20.000 | 19.354 | 711.14 | 0.0094 | P | 3.9 |
| 4 | ☐ | 1000.000 | 1016.778 | 16957.75 | 0.2242 | P | 1.1 |
| 5 | ☐ | 2500.000 | 2557.520 | 42303.51 | 0.5562 | P | 0.8 |
| 6 | ☐ | 5000.000 | 5062.018 | 88615.64 | 1.0957 | P | 1.7 |
| 7 | ☐ | 10000.000 | 10030.805 | 158143.56 | 2.1661 | P | 0.6 |
| 8 | ☐ | 20000.000 | 20030.666 | 328256.01 | 4.3204 | P | 0.4 |
| 9 | ☐ | 100000.00 | 99986.080 | 1556888.05 | 21.5454 | A | 2.4 |

y = 2.1543E-004 * x + 0.0052
R = 1.0000
DL = 11.44
BEC = 24.06

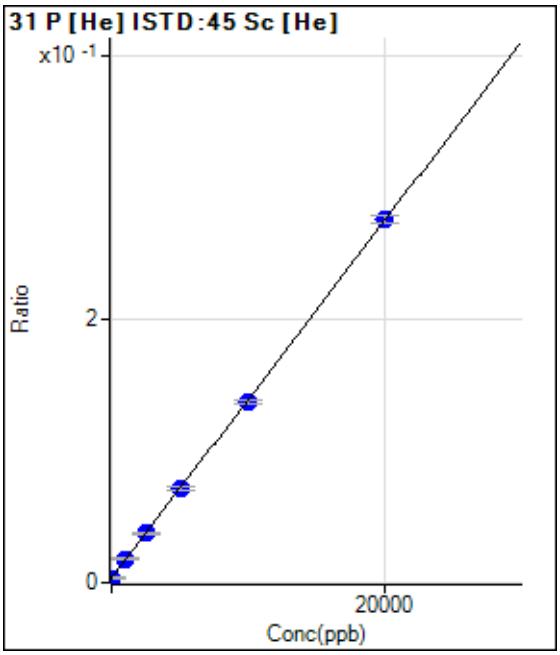
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 559338.91 | 0.2454 | P | 0.9 |
| 2 | ☐ | 1.000 | 15.529 | 565932.77 | 0.2547 | P | 6.7 |
| 3 | ☐ | 10.000 | 5.271 | 582511.67 | 0.2486 | P | 0.7 |
| 4 | ☐ | 50.000 | 49.214 | 673050.12 | 0.2749 | P | 1.2 |
| 5 | ☐ | 125.000 | 173.988 | 815342.80 | 0.3495 | P | 2.3 |
| 6 | ☐ | 250.000 | 242.972 | 971250.65 | 0.3908 | A | 2.6 |
| 7 | ☐ | 500.000 | 545.408 | 1271364.93 | 0.5717 | A | 3.2 |
| 8 | ☐ | 1000.000 | 973.001 | 1893961.20 | 0.8275 | A | 1.1 |
| 9 | ☐ | | | 725305.98 | 0.3185 | P | 2.2 |

y = 5.9821E-004 * x + 0.2454
R = 0.9973
DL = 10.54
BEC = 410.2

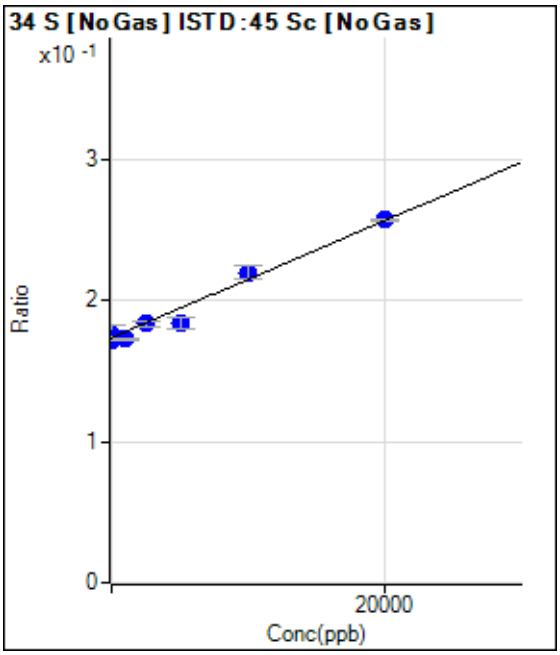
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -17.359 | 227.78 | 0.0031 | P | 11.2 |
| 2 | ☐ | 0.000 | 14.097 | 269.46 | 0.0036 | P | 3.2 |
| 3 | ☐ | 0.000 | 3.262 | 258.34 | 0.0034 | P | 31.5 |
| 4 | ☐ | 1000.000 | 1061.602 | 1341.77 | 0.0177 | P | 5.7 |
| 5 | ☐ | 2500.000 | 2501.542 | 2833.69 | 0.0373 | P | 1.1 |
| 6 | ☐ | 5000.000 | 5053.428 | 5809.62 | 0.0718 | P | 3.2 |
| 7 | ☐ | 10000.000 | 9867.745 | 10006.50 | 0.1371 | P | 1.5 |
| 8 | ☐ | 20000.000 | 20049.498 | 20904.51 | 0.2750 | P | 2.1 |
| 9 | ☐ | | | 230.56 | 0.0032 | P | 12.3 |

y = 1.3550E-005 * x + 0.0034
R = 1.0000
DL = 113.4
BEC = 248

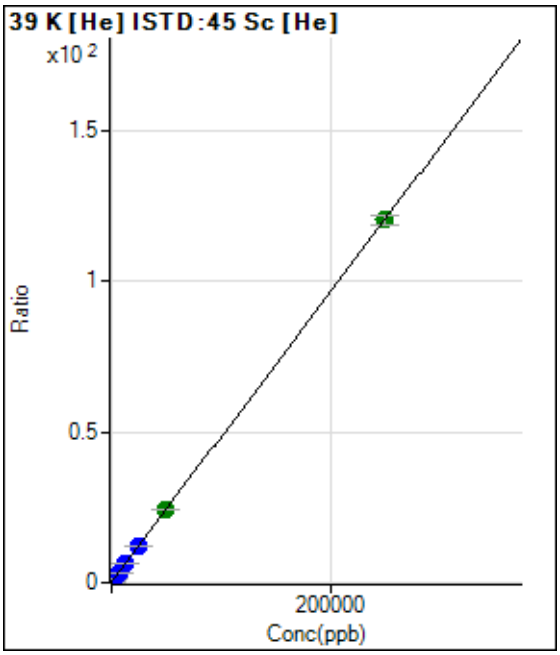
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -357.221 | 393059.41 | 0.1725 | P | 1.0 |
| 2 | ☐ | 0.000 | 648.453 | 392385.33 | 0.1766 | P | 7.1 |
| 3 | ☐ | 0.000 | -291.233 | 404763.42 | 0.1727 | P | 1.7 |
| 4 | ☐ | 1000.000 | -251.307 | 423398.78 | 0.1729 | P | 1.1 |
| 5 | ☐ | 2500.000 | 2335.928 | 428418.98 | 0.1836 | P | 1.8 |
| 6 | ☐ | 5000.000 | 2547.413 | 458413.01 | 0.1845 | P | 4.2 |
| 7 | ☐ | 10000.000 | 11148.584 | 489623.80 | 0.2202 | P | 3.9 |
| 8 | ☐ | 20000.000 | 20121.929 | 589275.49 | 0.2575 | P | 0.7 |
| 9 | ☐ | | | 378870.60 | 0.1664 | P | 0.4 |

y = 4.1506E-006 * x + 0.1739
R = 0.9891
DL = 4159
BEC = 4.191E+04

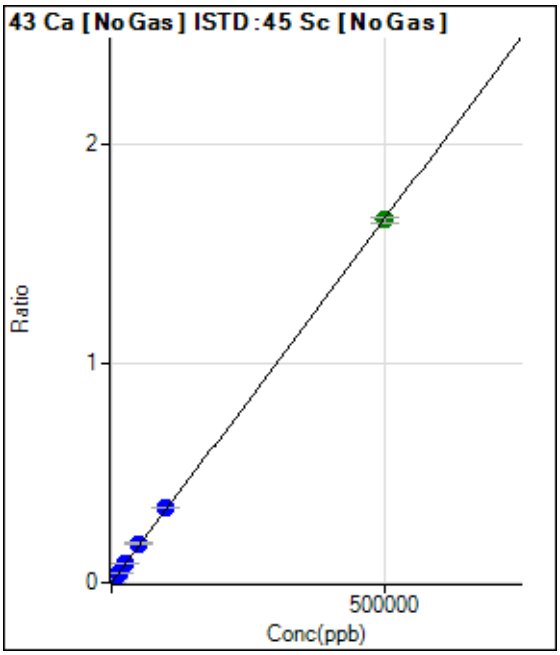
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 16050.96 | 0.2201 | P | 1.4 |
| 2 | ☑ | 50.000 | | | | | |
| 3 | ☐ | 500.000 | 527.155 | 35967.59 | 0.4732 | P | 1.9 |
| 4 | ☐ | 2500.000 | 2512.923 | 107866.13 | 1.4264 | P | 2.5 |
| 5 | ☐ | 6250.000 | 6333.403 | 247987.30 | 3.2603 | P | 1.1 |
| 6 | ☐ | 12500.000 | 12578.344 | 506106.00 | 6.2580 | P | 1.2 |
| 7 | ☐ | 25000.000 | 24905.235 | 888871.76 | 12.1752 | P | 0.6 |
| 8 | ☐ | 50000.000 | 49630.865 | 1826749.15 | 24.0440 | A | 0.4 |
| 9 | ☐ | 250000.00 | 250077.11 | 8690290.73 | 120.2626 | A | 2.4 |

y = 4.8002E-004 * x + 0.2201
R = 1.0000
DL = 19.19
BEC = 458.6

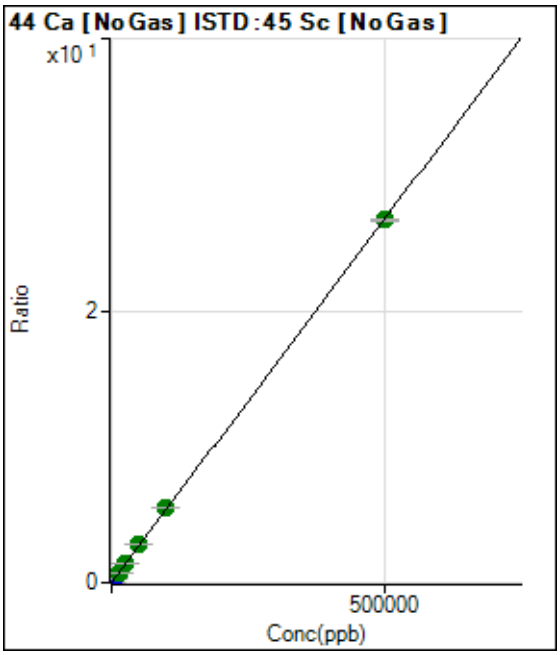
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 233.34 | 0.0001 | P | 0.7 |
| 2 | ☐ | 50.000 | 55.835 | 636.14 | 0.0003 | P | 15.4 |
| 3 | ☐ | 500.000 | 506.395 | 4170.18 | 0.0018 | P | 4.8 |
| 4 | ☐ | 5000.000 | 5231.961 | 42697.34 | 0.0174 | P | 2.5 |
| 5 | ☐ | 12500.000 | 13099.780 | 101492.86 | 0.0435 | P | 0.9 |
| 6 | ☐ | 25000.000 | 26018.011 | 214605.62 | 0.0863 | P | 1.4 |
| 7 | ☐ | 50000.000 | 53239.917 | 392332.84 | 0.1765 | P | 4.4 |
| 8 | ☐ | 100000.00 | 103460.92 | 784699.84 | 0.3428 | P | 0.6 |
| 9 | ☐ | 500000.00 | 498915.60 | 3764187.54 | 1.6529 | A | 1.8 |

y = 3.3127E-006 * x + 1.0238E-004
R = 1.0000
DL = 0.6499
BEC = 30.9

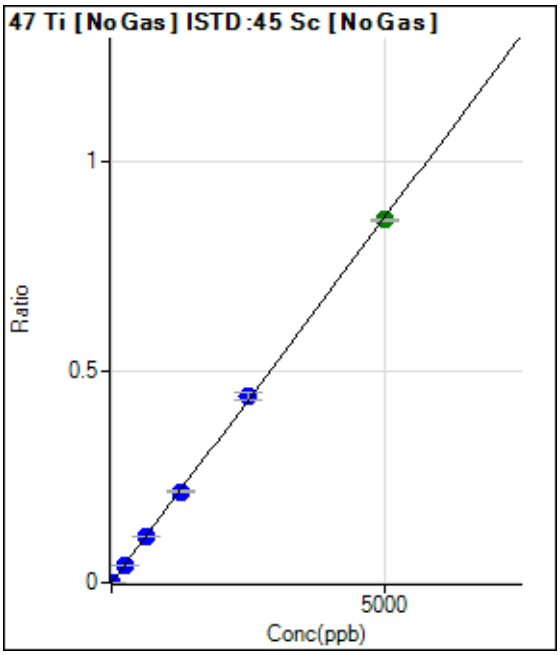
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 17344.25 | 0.0076 | P | 3.7 |
| 2 | ☐ | 50.000 | 60.734 | 24140.17 | 0.0109 | P | 4.8 |
| 3 | ☐ | 500.000 | 515.359 | 82408.53 | 0.0352 | P | 1.7 |
| 4 | ☐ | 5000.000 | 5205.940 | 700356.14 | 0.2860 | P | 0.5 |
| 5 | ☐ | 12500.000 | 13240.962 | 1669446.98 | 0.7156 | A | 1.6 |
| 6 | ☐ | 25000.000 | 25982.711 | 3474021.78 | 1.3968 | A | 0.8 |
| 7 | ☐ | 50000.000 | 52771.875 | 6289198.92 | 2.8291 | A | 4.6 |
| 8 | ☐ | 100000.00 | 102948.32 | 12615742.99 | 5.5119 | A | 0.6 |
| 9 | ☐ | 500000.00 | 499063.41 | 60783001.36 | 26.6906 | A | 0.8 |

y = 5.3466E-005 * x + 0.0076
R = 1.0000
DL = 15.61
BEC = 142.3

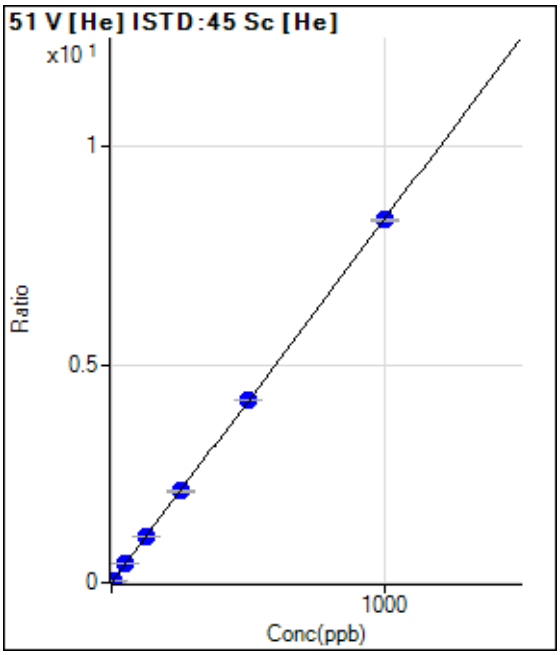
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 544.47 | 0.0002 | P | 6.6 |
| 2 | ☐ | 0.500 | 0.619 | 769.48 | 0.0003 | P | 8.4 |
| 3 | ☐ | 5.000 | 4.957 | 2572.52 | 0.0011 | P | 5.5 |
| 4 | ☐ | 250.000 | 247.353 | 105489.84 | 0.0431 | P | 1.2 |
| 5 | ☐ | 625.000 | 632.137 | 255984.57 | 0.1097 | P | 1.8 |
| 6 | ☐ | 1250.000 | 1246.279 | 537381.73 | 0.2161 | P | 0.9 |
| 7 | ☐ | 2500.000 | 2558.689 | 985687.47 | 0.4434 | P | 4.5 |
| 8 | ☐ | 5000.000 | 4970.826 | 1971065.52 | 0.8612 | A | 0.6 |
| 9 | ☐ | | | 797.27 | 0.0004 | P | 13.4 |

y = 1.7319E-004 * x + 2.3890E-004
R = 0.9999
DL = 0.2733
BEC = 1.379

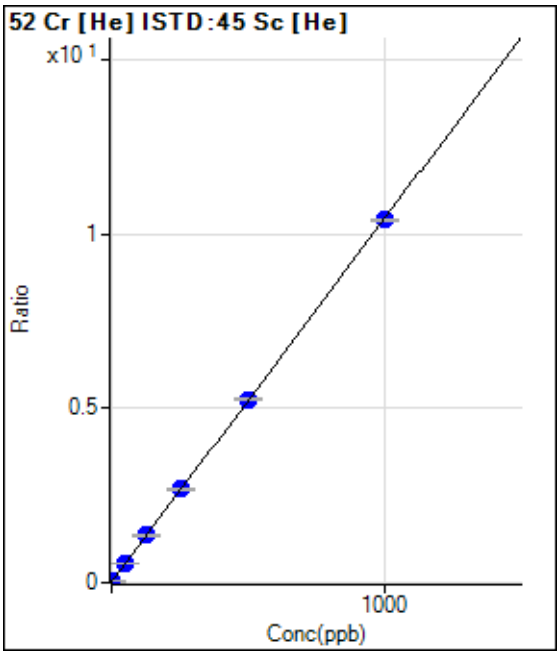
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6.67 | 0.0001 | P | 48.0 |
| 2 | ☐ | 0.500 | 0.542 | 350.01 | 0.0046 | P | 10.1 |
| 3 | ☐ | 5.000 | 5.284 | 3351.53 | 0.0441 | P | 4.4 |
| 4 | ☐ | 50.000 | 51.038 | 32161.73 | 0.4253 | P | 1.4 |
| 5 | ☐ | 125.000 | 126.371 | 80083.38 | 1.0529 | P | 1.1 |
| 6 | ☐ | 250.000 | 253.057 | 170504.91 | 2.1083 | P | 1.4 |
| 7 | ☐ | 500.000 | 501.501 | 305025.72 | 4.1780 | P | 0.1 |
| 8 | ☐ | 1000.000 | 998.261 | 631888.69 | 8.3165 | P | 0.5 |
| 9 | ☐ | | | 267.78 | 0.0037 | P | 20.5 |

y = 0.0083 * x + 9.0514E-005
R = 1.0000
DL = 0.01564
BEC = 0.01086

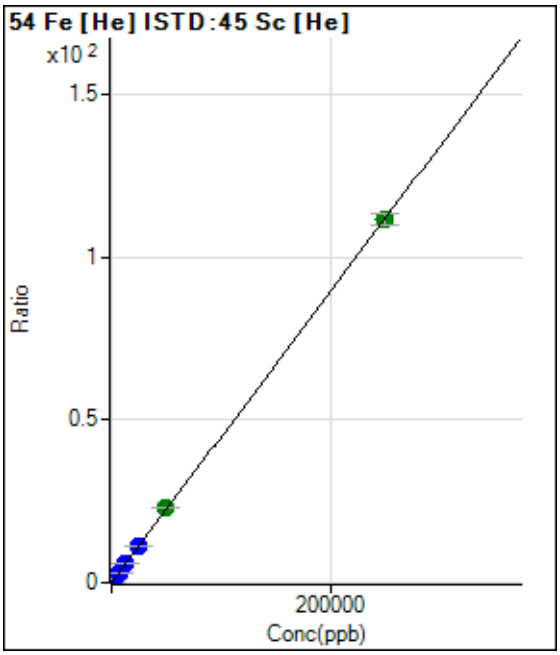
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1135.61 | 0.0156 | P | 5.3 |
| 2 | ☐ | 0.200 | 0.210 | 1350.07 | 0.0178 | P | 0.6 |
| 3 | ☐ | 2.000 | 2.184 | 2915.88 | 0.0384 | P | 5.9 |
| 4 | ☐ | 50.000 | 50.413 | 40952.85 | 0.5415 | P | 0.8 |
| 5 | ☐ | 125.000 | 128.288 | 102983.97 | 1.3539 | P | 0.8 |
| 6 | ☐ | 250.000 | 255.264 | 216627.47 | 2.6786 | P | 1.3 |
| 7 | ☐ | 500.000 | 503.214 | 384398.33 | 5.2653 | P | 0.7 |
| 8 | ☐ | 1000.000 | 996.645 | 791018.18 | 10.4129 | P | 0.6 |
| 9 | ☐ | | | 23001.96 | 0.3183 | P | 3.3 |

y = 0.0104 * x + 0.0156
R = 1.0000
DL = 0.2395
BEC = 1.494

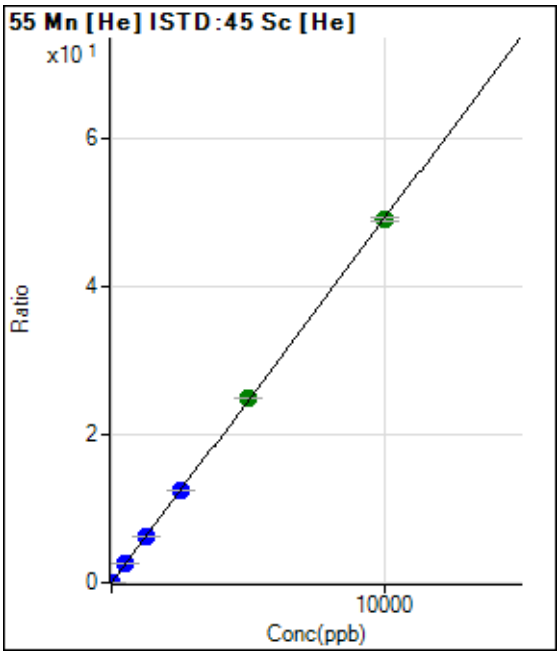
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 338.90 | 0.0046 | P | 14.0 |
| 2 | ☐ | 5.000 | 6.639 | 577.80 | 0.0076 | P | 7.5 |
| 3 | ☐ | 50.000 | 58.081 | 2322.46 | 0.0306 | P | 5.5 |
| 4 | ☐ | 2500.000 | 2565.840 | 86968.47 | 1.1500 | P | 1.5 |
| 5 | ☐ | 6250.000 | 6419.081 | 218301.72 | 2.8700 | P | 1.1 |
| 6 | ☐ | 12500.000 | 12955.358 | 468088.89 | 5.7878 | P | 2.0 |
| 7 | ☐ | 25000.000 | 25474.435 | 830545.15 | 11.3761 | P | 0.3 |
| 8 | ☐ | 50000.000 | 51332.624 | 1740762.16 | 22.9189 | A | 1.2 |
| 9 | ☐ | 250000.00 | 249658.37 | 8053019.57 | 111.4490 | A | 3.3 |

y = 4.4639E-004 * x + 0.0046
R = 1.0000
DL = 4.372
BEC = 10.41

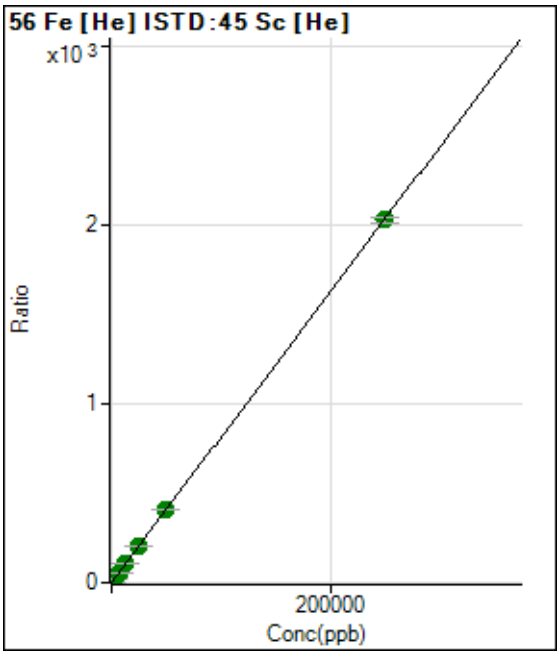
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 73.34 | 0.0010 | P | 36.3 |
| 2 | ☐ | 0.100 | 0.100 | 113.34 | 0.0015 | P | 14.1 |
| 3 | ☐ | 1.000 | 1.074 | 477.79 | 0.0063 | P | 3.9 |
| 4 | ☐ | 500.000 | 507.703 | 188803.64 | 2.4965 | P | 0.4 |
| 5 | ☐ | 1250.000 | 1266.905 | 473742.19 | 6.2282 | P | 0.5 |
| 6 | ☐ | 2500.000 | 2547.193 | 1012619.24 | 12.5212 | P | 1.0 |
| 7 | ☐ | 5000.000 | 5050.436 | 1812435.75 | 24.8254 | A | 0.2 |
| 8 | ☐ | 10000.000 | 9960.485 | 3718706.78 | 48.9597 | A | 1.1 |
| 9 | ☐ | | | 4521.87 | 0.0626 | P | 1.2 |

y = 0.0049 * x + 0.0010
R = 1.0000
DL = 0.2226
BEC = 0.2046

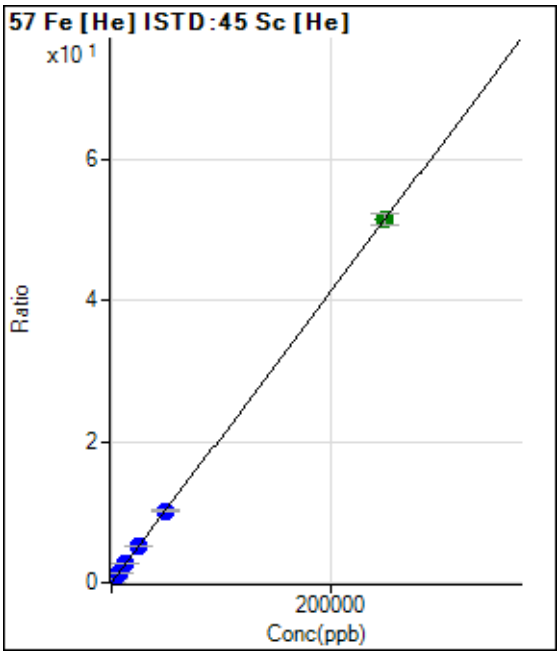
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2448.40 | 0.0336 | P | 2.3 |
| 2 | ☐ | 5.000 | 5.561 | 5971.73 | 0.0787 | P | 3.4 |
| 3 | ☐ | 50.000 | 54.769 | 36314.98 | 0.4778 | P | 2.4 |
| 4 | ☐ | 2500.000 | 2629.746 | 1615782.01 | 21.3651 | A | 0.4 |
| 5 | ☐ | 6250.000 | 6488.877 | 4006238.02 | 52.6689 | A | 0.4 |
| 6 | ☐ | 12500.000 | 13038.080 | 8555777.28 | 105.7936 | A | 0.7 |
| 7 | ☐ | 25000.000 | 25397.398 | 15043241.07 | 206.0478 | A | 0.7 |
| 8 | ☐ | 50000.000 | 50421.084 | 31074384.26 | 409.0306 | A | 0.5 |
| 9 | ☐ | 250000.00 | 249841.86 | 146453855.1 | 2,026.657 | A | 1.8 |

y = 0.0081 * x + 0.0336
R = 1.0000
DL = 0.2819
BEC = 4.14

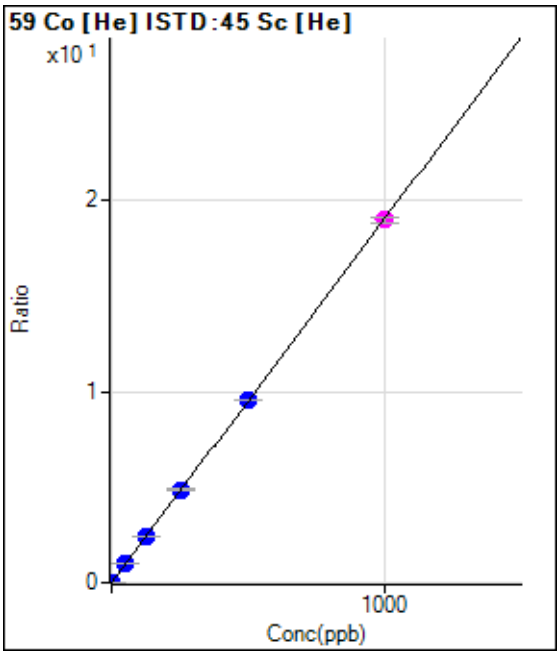
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 77.78 | 0.0011 | P | 4.1 |
| 2 | ☐ | 5.000 | 5.960 | 174.08 | 0.0023 | P | 8.8 |
| 3 | ☐ | 50.000 | 58.765 | 998.20 | 0.0131 | P | 5.8 |
| 4 | ☐ | 2500.000 | 2528.047 | 39352.56 | 0.5203 | P | 0.6 |
| 5 | ☐ | 6250.000 | 6342.197 | 99173.81 | 1.3038 | P | 0.3 |
| 6 | ☐ | 12500.000 | 12671.275 | 210574.67 | 2.6038 | P | 0.2 |
| 7 | ☐ | 25000.000 | 24908.241 | 373602.71 | 5.1174 | P | 0.4 |
| 8 | ☐ | 50000.000 | 49619.169 | 774404.45 | 10.1931 | P | 0.5 |
| 9 | ☐ | 250000.00 | 250074.19 | 3711616.14 | 51.3677 | A | 3.3 |

y = 2.0541E-004 * x + 0.0011
R = 1.0000
DL = 0.641
BEC = 5.198

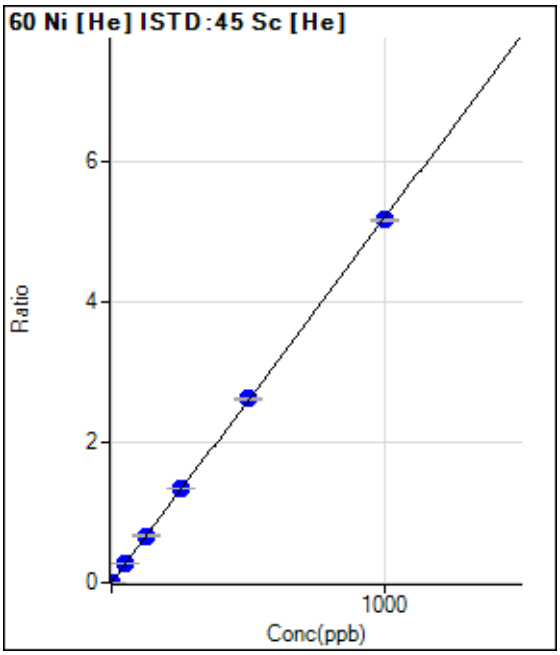
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 28.89 | 0.0004 | P | 28.3 |
| 2 | ☐ | 0.100 | 0.104 | 181.12 | 0.0024 | P | 2.9 |
| 3 | ☐ | 1.000 | 1.015 | 1498.99 | 0.0197 | P | 5.3 |
| 4 | ☐ | 50.000 | 51.691 | 74468.78 | 0.9847 | P | 1.7 |
| 5 | ☐ | 125.000 | 127.822 | 185176.67 | 2.4344 | P | 0.2 |
| 6 | ☐ | 250.000 | 255.845 | 394042.65 | 4.8723 | P | 1.2 |
| 7 | ☐ | 500.000 | 500.934 | 696446.33 | 9.5394 | P | 0.5 |
| 8 | ☐ | 1000.000 | 997.635 | 1443878.07 | 18.9978 | M | 1.9 |
| 9 | ☐ | | | 2561.37 | 0.0354 | P | 3.8 |

y = 0.0190 * x + 3.9772E-004
R = 1.0000
DL = 0.01772
BEC = 0.02089

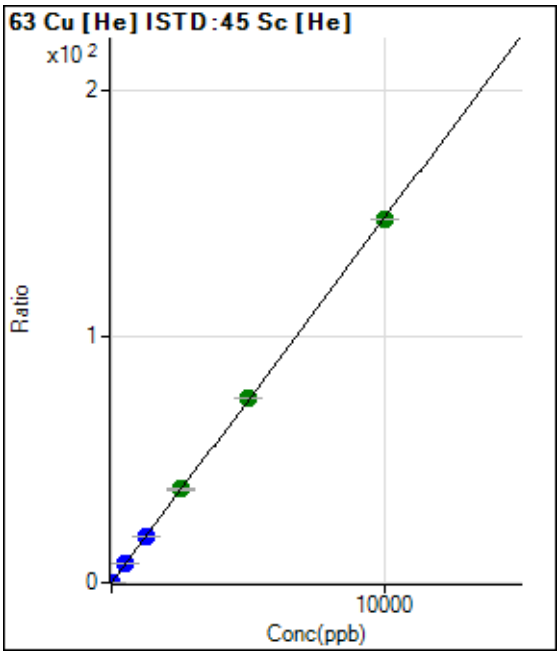
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 90.00 | 0.0012 | P | 31.1 |
| 2 | ☐ | 0.100 | 0.117 | 140.00 | 0.0018 | P | 13.8 |
| 3 | ☐ | 1.000 | 1.162 | 554.46 | 0.0073 | P | 13.4 |
| 4 | ☐ | 50.000 | 52.183 | 20627.27 | 0.2728 | P | 1.4 |
| 5 | ☐ | 125.000 | 128.983 | 51142.63 | 0.6724 | P | 0.2 |
| 6 | ☐ | 250.000 | 257.641 | 108514.42 | 1.3418 | P | 1.3 |
| 7 | ☐ | 500.000 | 504.479 | 191721.16 | 2.6261 | P | 0.9 |
| 8 | ☐ | 1000.000 | 995.243 | 393526.85 | 5.1796 | P | 0.2 |
| 9 | ☐ | | | 7129.63 | 0.0987 | P | 3.6 |

y = 0.0052 * x + 0.0012
R = 1.0000
DL = 0.2225
BEC = 0.2381

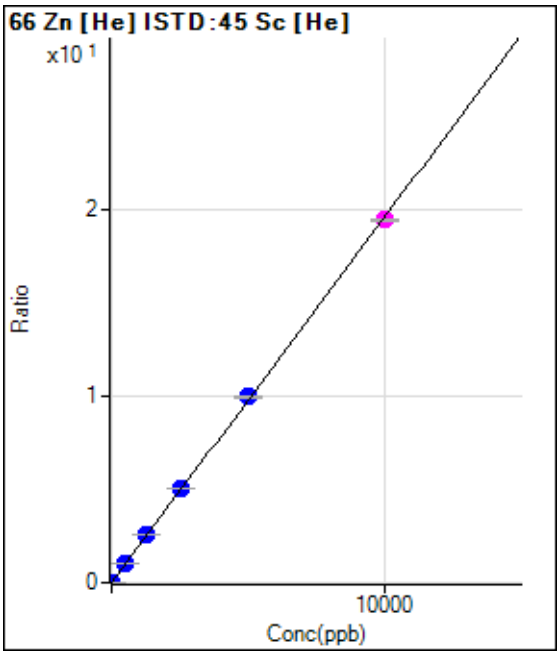
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 256.67 | 0.0035 | P | 8.4 |
| 2 | ☐ | 0.200 | 0.207 | 500.01 | 0.0066 | P | 18.1 |
| 3 | ☐ | 2.000 | 2.052 | 2579.15 | 0.0339 | P | 0.5 |
| 4 | ☐ | 500.000 | 514.925 | 577219.20 | 7.6324 | P | 0.3 |
| 5 | ☐ | 1250.000 | 1286.850 | 1450498.03 | 19.0689 | P | 0.4 |
| 6 | ☐ | 2500.000 | 2565.834 | 3074714.78 | 38.0178 | A | 2.0 |
| 7 | ☐ | 5000.000 | 5062.467 | 5475968.67 | 75.0068 | A | 0.6 |
| 8 | ☐ | 10000.000 | 9946.955 | 11196479.55 | 147.3732 | A | 0.1 |
| 9 | ☐ | | | 8239.13 | 0.1140 | P | 2.9 |

y = 0.0148 * x + 0.0035
R = 0.9999
DL = 0.05999
BEC = 0.2375

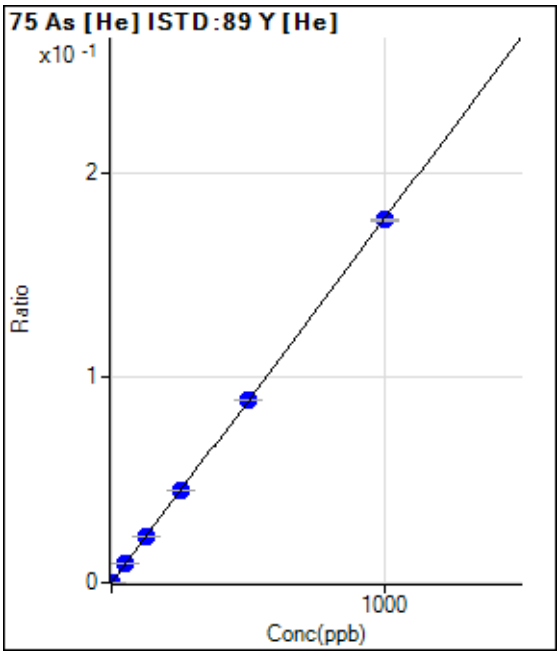
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 95.56 | 0.0013 | P | 21.9 |
| 2 | ☑ | 0.200 | | | | | |
| 3 | ☐ | 2.000 | 2.104 | 413.34 | 0.0054 | P | 7.2 |
| 4 | ☐ | 500.000 | 516.512 | 76500.41 | 1.0116 | P | 0.8 |
| 5 | ☐ | 1250.000 | 1298.188 | 193239.24 | 2.5404 | P | 0.1 |
| 6 | ☐ | 2500.000 | 2581.028 | 408376.36 | 5.0496 | P | 1.2 |
| 7 | ☐ | 5000.000 | 5084.326 | 726119.42 | 9.9458 | P | 0.4 |
| 8 | ☐ | 10000.000 | 9930.731 | 1475915.36 | 19.4249 | M | 0.4 |
| 9 | ☐ | | | 8736.10 | 0.1209 | P | 0.8 |

y = 0.0020 * x + 0.0013
R = 0.9999
DL = 0.4426
BEC = 0.6722

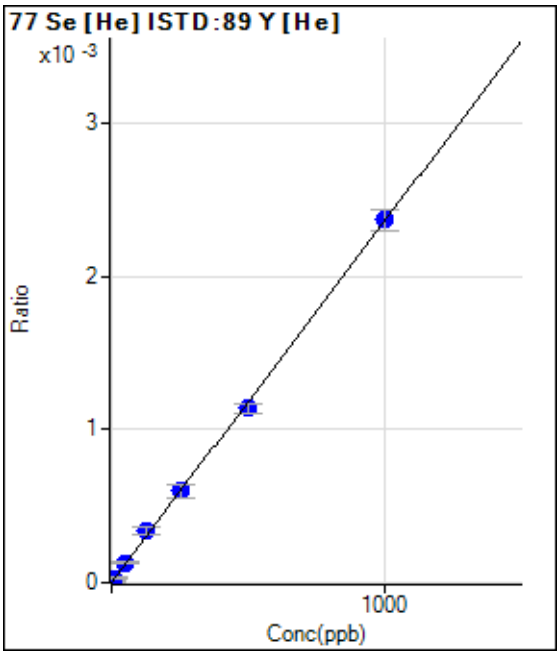
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4.67 | 0.0000 | P | 51.8 |
| 2 | ☑ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.062 | 117.68 | 0.0002 | P | 5.4 |
| 4 | ☐ | 50.000 | 51.072 | 5345.89 | 0.0091 | P | 0.4 |
| 5 | ☐ | 125.000 | 127.067 | 13468.43 | 0.0225 | P | 0.4 |
| 6 | ☐ | 250.000 | 254.959 | 28819.78 | 0.0452 | P | 0.4 |
| 7 | ☐ | 500.000 | 502.411 | 51293.49 | 0.0891 | P | 0.6 |
| 8 | ☐ | 1000.000 | 997.243 | 105577.76 | 0.1769 | P | 0.5 |
| 9 | ☐ | | | 63.68 | 0.0001 | P | 12.9 |

y = 1.7736E-004 * x + 8.0232E-006
R = 1.0000
DL = 0.07033
BEC = 0.04524

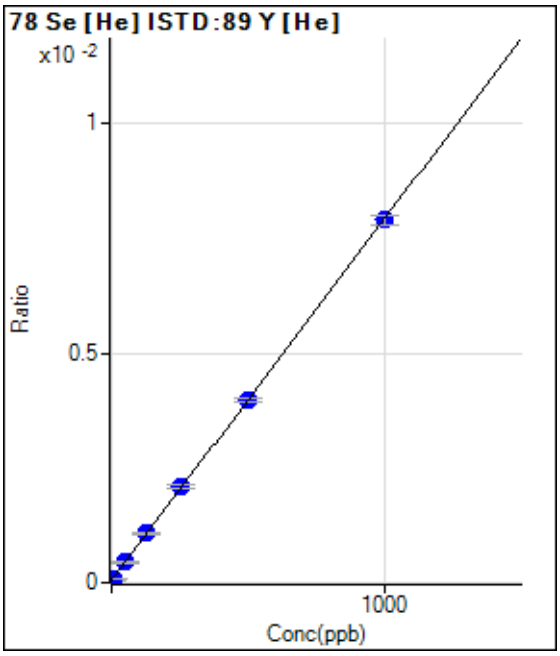
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1.11 | 0.0000 | P | 173.2 |
| 2 | ☐ | 0.500 | 1.611 | 3.33 | 0.0000 | P | 100.2 |
| 3 | ☐ | 5.000 | 11.772 | 17.78 | 0.0000 | P | 57.6 |
| 4 | ☐ | 50.000 | 53.661 | 75.55 | 0.0001 | P | 9.5 |
| 5 | ☐ | 125.000 | 143.926 | 203.34 | 0.0003 | P | 16.2 |
| 6 | ☐ | 250.000 | 253.076 | 381.12 | 0.0006 | P | 14.4 |
| 7 | ☐ | 500.000 | 483.892 | 656.69 | 0.0011 | P | 5.6 |
| 8 | ☐ | 1000.000 | 1004.702 | 1411.20 | 0.0024 | P | 5.6 |
| 9 | ☐ | | | 0.00 | 0.0000 | P | |

y = 2.3531E-006 * x + 1.8866E-006
R = 0.9996
DL = 4.166
BEC = 0.8018

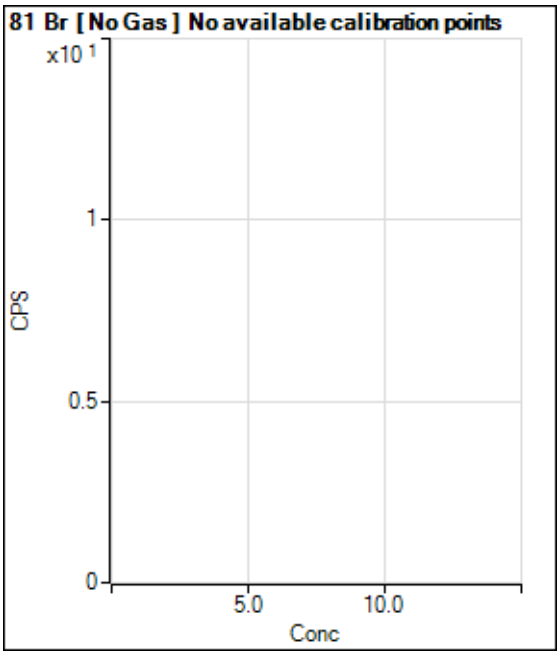
Weight: <None>
Min Conc: 0



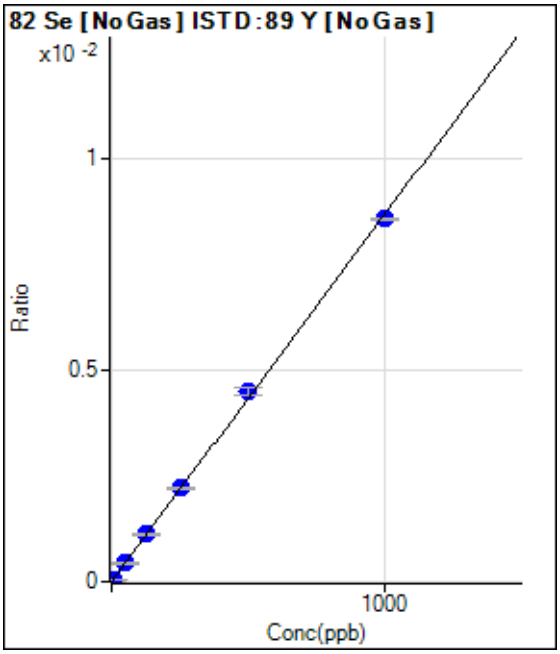

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 34.00 | 0.0001 | P | 22.5 |
| 2 | ☐ | 0.500 | -0.577 | 32.67 | 0.0001 | P | 27.8 |
| 3 | ☐ | 5.000 | 4.316 | 56.01 | 0.0001 | P | 14.6 |
| 4 | ☐ | 50.000 | 49.682 | 265.36 | 0.0004 | P | 9.1 |
| 5 | ☐ | 125.000 | 128.329 | 638.08 | 0.0011 | P | 1.7 |
| 6 | ☐ | 250.000 | 258.696 | 1333.87 | 0.0021 | P | 3.3 |
| 7 | ☐ | 500.000 | 499.805 | 2295.75 | 0.0040 | P | 2.1 |
| 8 | ☐ | 1000.000 | 997.527 | 4718.61 | 0.0079 | P | 2.8 |
| 9 | ☐ | | | 35.00 | 0.0001 | P | 9.8 |

y = 7.8606E-006 * x + 5.9429E-005
R = 1.0000
DL = 5.099
BEC = 7.56

Weight: <None>
Min Conc: 0



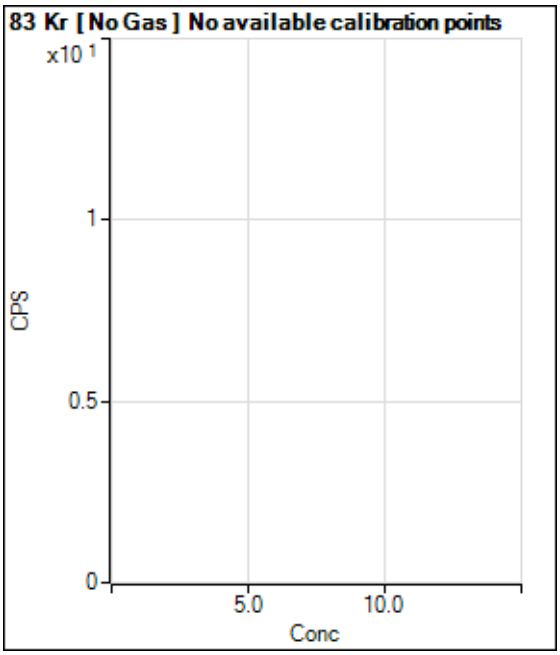

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 1718.55 | | P | 13.0 |
| 2 | ☐ | | | 1701.87 | | P | 8.2 |
| 3 | ☐ | | | 1888.74 | | P | 2.2 |
| 4 | ☐ | | | 1808.67 | | P | 10.3 |
| 5 | ☐ | | | 1678.51 | | P | 9.4 |
| 6 | ☐ | | | 1721.87 | | P | 1.2 |
| 7 | ☐ | | | 1771.95 | | P | 6.7 |
| 8 | ☐ | | | 1755.26 | | P | 4.6 |
| 9 | ☐ | | | 1938.81 | | P | 7.5 |



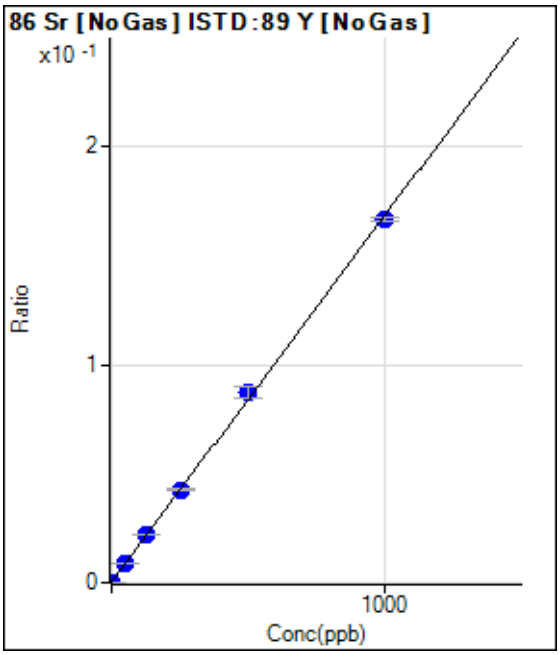

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.55 | 0.0000 | P | 652.8 |
| 2 | ☑ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 5.436 | 267.46 | 0.0000 | P | 37.0 |
| 4 | ☐ | 50.000 | 50.002 | 2486.53 | 0.0004 | P | 1.7 |
| 5 | ☐ | 125.000 | 129.094 | 6227.28 | 0.0011 | P | 1.6 |
| 6 | ☐ | 250.000 | 254.237 | 13124.56 | 0.0022 | P | 0.3 |
| 7 | ☐ | 500.000 | 519.466 | 23785.53 | 0.0045 | P | 4.6 |
| 8 | ☐ | 1000.000 | 988.693 | 47705.81 | 0.0086 | P | 0.6 |
| 9 | ☐ | | | -1.74 | 0.0000 | P | -500. |

y = 8.6762E-006 * x + 1.6080E-006
R = 0.9997
DL = 3.629
BEC = 0.1853

Weight: <None>
Min Conc: 0



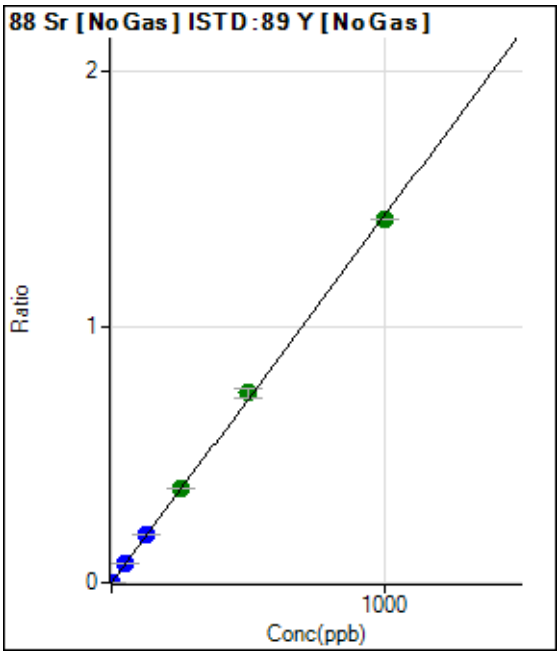

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 684.47 | | P | 7.5 |
| 2 | ☐ | | | 776.70 | | P | 1.3 |
| 3 | ☐ | | | 703.36 | | P | 13.5 |
| 4 | ☐ | | | 753.36 | | P | 5.9 |
| 5 | ☐ | | | 763.37 | | P | 1.5 |
| 6 | ☐ | | | 741.14 | | P | 10.0 |
| 7 | ☐ | | | 701.14 | | P | 15.0 |
| 8 | ☐ | | | 711.14 | | P | 3.6 |
| 9 | ☐ | | | 717.81 | | P | 5.0 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1144.52 | 0.0002 | P | 12.8 |
| 2 | ☐ | 0.100 | 0.139 | 1247.31 | 0.0002 | P | 4.6 |
| 3 | ☐ | 1.000 | 1.001 | 2083.55 | 0.0004 | P | 1.8 |
| 4 | ☐ | 50.000 | 51.120 | 50201.86 | 0.0088 | P | 2.3 |
| 5 | ☐ | 125.000 | 129.179 | 121598.33 | 0.0219 | P | 0.3 |
| 6 | ☐ | 250.000 | 252.667 | 253463.97 | 0.0426 | P | 1.0 |
| 7 | ☐ | 500.000 | 518.297 | 460039.25 | 0.0872 | P | 5.8 |
| 8 | ☐ | 1000.000 | 989.607 | 925073.94 | 0.1664 | P | 0.9 |
| 9 | ☐ | | | 2953.17 | 0.0005 | P | 9.1 |

y = 1.6791E-004 * x + 2.1200E-004
R = 0.9998
DL = 0.4838
BEC = 1.263

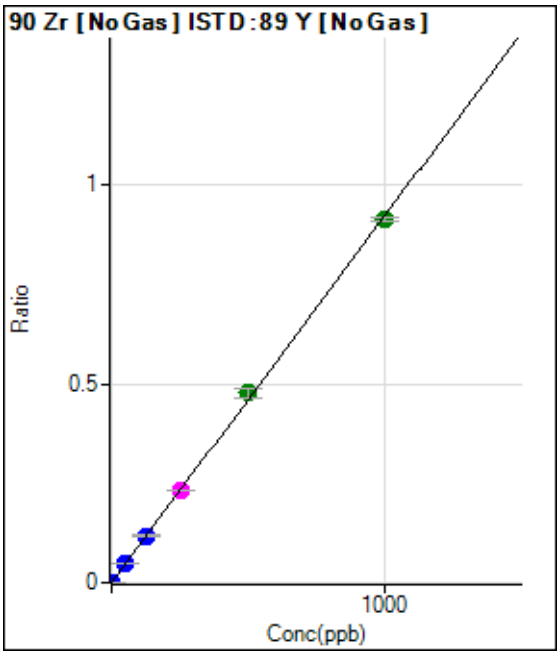
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 66.67 | 0.0000 | P | 81.6 |
| 2 | ☐ | 0.100 | 0.112 | 919.50 | 0.0002 | P | 7.0 |
| 3 | ☐ | 1.000 | 0.982 | 7794.05 | 0.0014 | P | 1.3 |
| 4 | ☐ | 50.000 | 52.161 | 427189.93 | 0.0748 | P | 1.2 |
| 5 | ☐ | 125.000 | 131.496 | 1047377.06 | 0.1887 | P | 1.4 |
| 6 | ☐ | 250.000 | 256.411 | 2187087.94 | 0.3679 | A | 1.5 |
| 7 | ☐ | 500.000 | 517.637 | 3916803.04 | 0.7427 | A | 5.5 |
| 8 | ☐ | 1000.000 | 988.658 | 7887102.69 | 1.4184 | A | 0.1 |
| 9 | ☐ | | | 17311.11 | 0.0032 | P | 1.3 |

y = 0.0014 * x + 1.2337E-005
R = 0.9997
DL = 0.02106
BEC = 0.008599

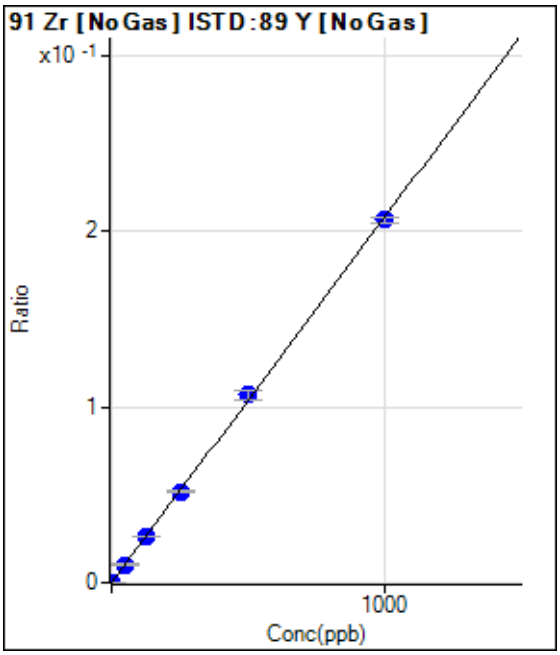
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 227.78 | 0.0000 | P | 42.7 |
| 2 | ☐ | 0.100 | 0.082 | 627.81 | 0.0001 | P | 8.7 |
| 3 | ☐ | 1.000 | 0.962 | 5092.75 | 0.0009 | P | 2.2 |
| 4 | ☐ | 50.000 | 51.295 | 269938.93 | 0.0473 | P | 1.5 |
| 5 | ☐ | 125.000 | 128.475 | 657306.62 | 0.1184 | P | 1.2 |
| 6 | ☐ | 250.000 | 251.879 | 1379770.07 | 0.2321 | M | 1.2 |
| 7 | ☐ | 500.000 | 517.670 | 2515473.84 | 0.4770 | A | 5.5 |
| 8 | ☐ | 1000.000 | 990.196 | 5072378.02 | 0.9123 | A | 1.1 |
| 9 | ☐ | | | 1338.99 | 0.0002 | P | 10.1 |

y = 9.2127E-004 * x + 4.2254E-005
R = 0.9998
DL = 0.05882
BEC = 0.04586

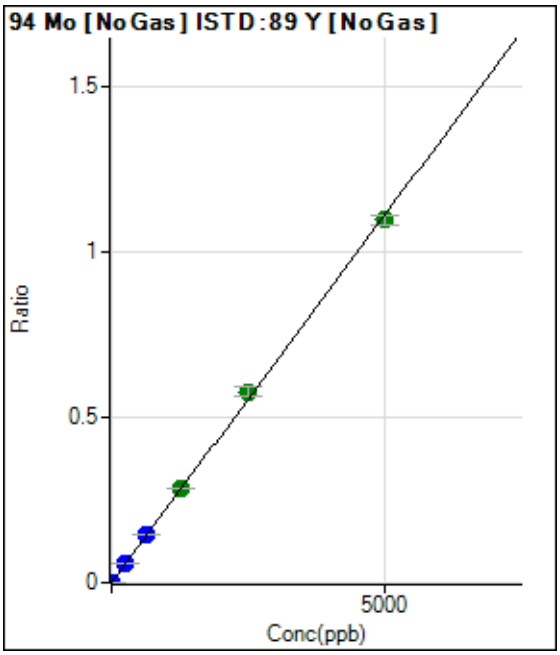
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 38.89 | 0.0000 | P | 12.7 |
| 2 | ☐ | 0.100 | 0.139 | 191.67 | 0.0000 | P | 5.5 |
| 3 | ☐ | 1.000 | 1.067 | 1255.65 | 0.0002 | P | 9.9 |
| 4 | ☐ | 50.000 | 49.748 | 59042.15 | 0.0103 | P | 1.5 |
| 5 | ☐ | 125.000 | 126.093 | 145512.82 | 0.0262 | P | 0.4 |
| 6 | ☐ | 250.000 | 248.917 | 307575.14 | 0.0517 | P | 1.1 |
| 7 | ☐ | 500.000 | 513.669 | 562983.37 | 0.1067 | P | 5.7 |
| 8 | ☐ | 1000.000 | 993.312 | 1147691.44 | 0.2064 | P | 1.5 |
| 9 | ☐ | | | 366.68 | 0.0001 | P | 22.5 |

y = 2.0780E-004 * x + 7.2078E-006
R = 0.9999
DL = 0.01321
BEC = 0.03469

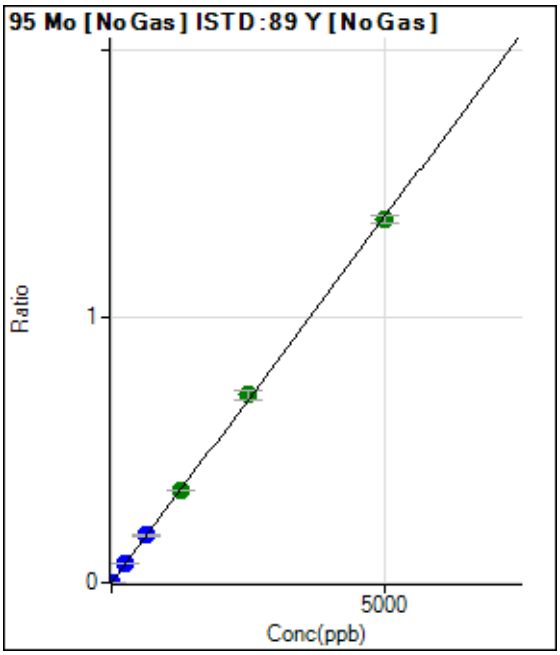
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 102.78 | 0.0000 | P | 33.8 |
| 2 | ☐ | 0.500 | 0.609 | 816.71 | 0.0002 | P | 16.2 |
| 3 | ☐ | 5.000 | 4.877 | 6043.16 | 0.0011 | P | 3.3 |
| 4 | ☐ | 250.000 | 255.211 | 323737.73 | 0.0567 | P | 0.8 |
| 5 | ☐ | 625.000 | 646.068 | 796739.88 | 0.1435 | P | 1.1 |
| 6 | ☐ | 1250.000 | 1274.003 | 1682706.84 | 0.2830 | A | 0.3 |
| 7 | ☐ | 2500.000 | 2602.408 | 3049175.57 | 0.5780 | A | 4.8 |
| 8 | ☐ | 5000.000 | 4939.901 | 6099803.69 | 1.0972 | A | 2.5 |
| 9 | ☐ | | | 4570.31 | 0.0008 | P | 3.0 |

y = 2.2210E-004 * x + 1.9046E-005
R = 0.9997
DL = 0.08688
BEC = 0.08575

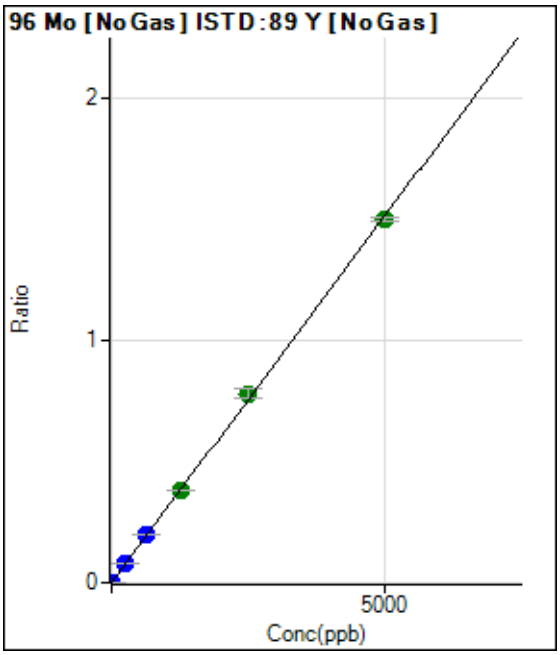
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 36.11 | 0.0000 | P | 58.4 |
| 2 | ☐ | 0.500 | 0.576 | 877.83 | 0.0002 | P | 11.2 |
| 3 | ☐ | 5.000 | 5.271 | 7977.50 | 0.0015 | P | 3.3 |
| 4 | ☐ | 250.000 | 254.872 | 399802.53 | 0.0700 | P | 0.4 |
| 5 | ☐ | 625.000 | 644.126 | 982525.61 | 0.1770 | P | 1.2 |
| 6 | ☐ | 1250.000 | 1262.584 | 2062932.38 | 0.3469 | A | 0.7 |
| 7 | ☐ | 2500.000 | 2570.081 | 3724207.51 | 0.7062 | A | 5.5 |
| 8 | ☐ | 5000.000 | 4959.179 | 7575480.73 | 1.3626 | A | 2.2 |
| 9 | ☐ | | | 6793.50 | 0.0013 | P | 3.9 |

y = 2.7476E-004 * x + 6.7015E-006
R = 0.9999
DL = 0.04276
BEC = 0.02439

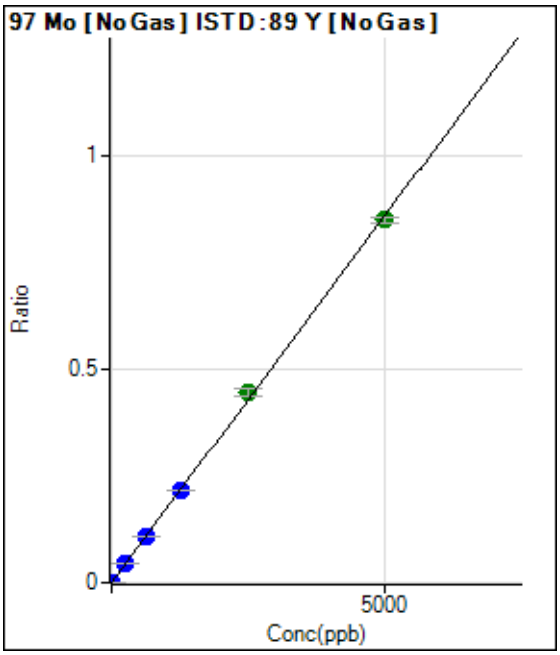
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 94.45 | 0.0000 | P | 27.2 |
| 2 | ☐ | 0.500 | 0.528 | 938.94 | 0.0002 | P | 8.6 |
| 3 | ☐ | 5.000 | 5.574 | 9347.83 | 0.0017 | P | 3.1 |
| 4 | ☐ | 250.000 | 258.294 | 446463.70 | 0.0782 | P | 1.0 |
| 5 | ☐ | 625.000 | 647.108 | 1087765.76 | 0.1959 | P | 1.0 |
| 6 | ☐ | 1250.000 | 1260.257 | 2268849.79 | 0.3816 | A | 0.4 |
| 7 | ☐ | 2500.000 | 2583.012 | 4125552.17 | 0.7821 | A | 4.9 |
| 8 | ☐ | 5000.000 | 4952.751 | 8337715.03 | 1.4996 | A | 1.0 |
| 9 | ☐ | | | 7944.15 | 0.0015 | P | 6.3 |

y = 3.0277E-004 * x + 1.7505E-005
R = 0.9998
DL = 0.04711
BEC = 0.05782

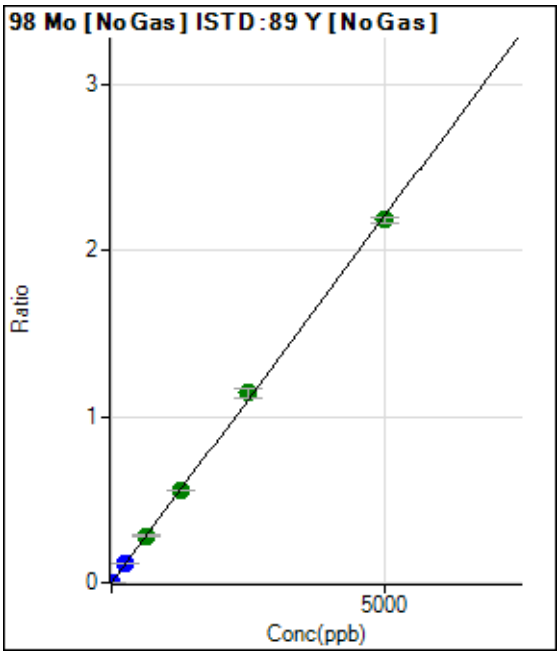
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 11.11 | 0.0000 | P | 43.8 |
| 2 | ☐ | 0.500 | 0.511 | 475.02 | 0.0001 | P | 12.2 |
| 3 | ☐ | 5.000 | 5.451 | 5137.19 | 0.0009 | P | 1.5 |
| 4 | ☐ | 250.000 | 255.628 | 250225.53 | 0.0438 | P | 1.6 |
| 5 | ☐ | 625.000 | 638.738 | 608187.61 | 0.1095 | P | 1.0 |
| 6 | ☐ | 1250.000 | 1253.889 | 1278578.76 | 0.2151 | P | 1.0 |
| 7 | ☐ | 2500.000 | 2594.072 | 2347259.04 | 0.4449 | A | 4.4 |
| 8 | ☐ | 5000.000 | 4949.993 | 4720109.04 | 0.8490 | A | 1.5 |
| 9 | ☐ | | | 4448.03 | 0.0008 | P | 6.0 |

y = 1.7151E-004 * x + 2.0608E-006
R = 0.9998
DL = 0.01578
BEC = 0.01202

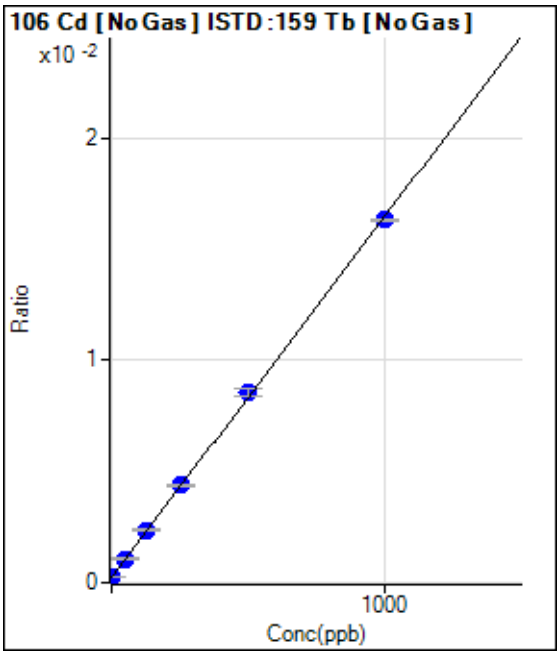
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19.44 | 0.0000 | P | 65.8 |
| 2 | ☐ | 0.500 | 0.589 | 1394.55 | 0.0003 | P | 8.4 |
| 3 | ☐ | 5.000 | 5.380 | 13028.66 | 0.0024 | P | 5.1 |
| 4 | ☐ | 250.000 | 253.460 | 638041.23 | 0.1118 | P | 1.4 |
| 5 | ☐ | 625.000 | 640.568 | 1568502.09 | 0.2825 | A | 0.8 |
| 6 | ☐ | 1250.000 | 1260.199 | 3303939.90 | 0.5558 | A | 1.2 |
| 7 | ☐ | 2500.000 | 2592.497 | 6030877.17 | 1.1434 | A | 5.2 |
| 8 | ☐ | 5000.000 | 4949.083 | 12135902.36 | 2.1827 | A | 1.5 |
| 9 | ☐ | | | 11135.30 | 0.0021 | P | 0.7 |

y = 4.4104E-004 * x + 3.6073E-006
R = 0.9998
DL = 0.01615
BEC = 0.008179

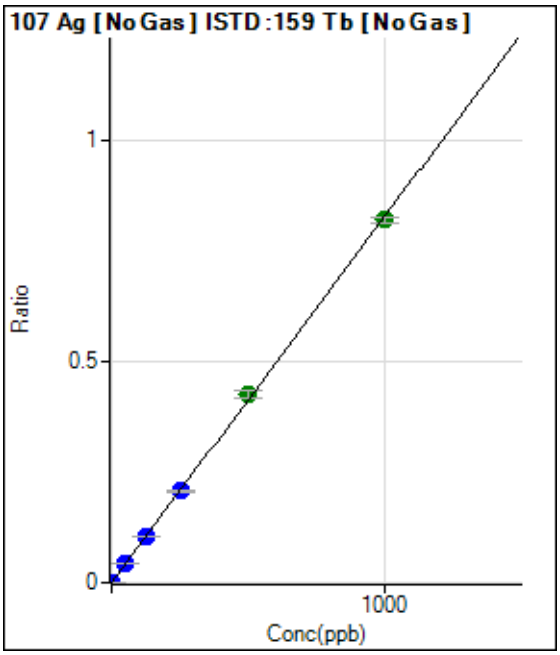
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1122.31 | 0.0002 | P | 8.3 |
| 2 | ☐ | 0.100 | -0.483 | 1052.84 | 0.0002 | P | 11.0 |
| 3 | ☐ | 1.000 | 1.403 | 1241.75 | 0.0003 | P | 6.9 |
| 4 | ☐ | 50.000 | 51.209 | 5278.96 | 0.0011 | P | 2.4 |
| 5 | ☐ | 125.000 | 131.056 | 11146.49 | 0.0024 | P | 4.7 |
| 6 | ☐ | 250.000 | 255.954 | 22463.24 | 0.0044 | P | 2.3 |
| 7 | ☐ | 500.000 | 513.090 | 38629.83 | 0.0086 | P | 4.0 |
| 8 | ☐ | 1000.000 | 991.149 | 76972.79 | 0.0163 | P | 0.6 |
| 9 | ☐ | | | 1208.42 | 0.0003 | P | 6.3 |

y = 1.6229E-005 * x + 2.4280E-004
R = 0.9998
DL = 3.726
BEC = 14.96

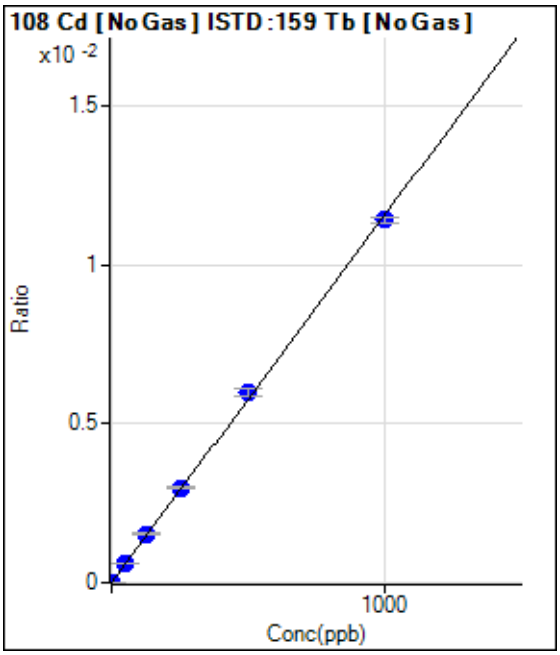
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 30.56 | 0.0000 | P | 55.7 |
| 2 | ☐ | 0.100 | 0.123 | 486.14 | 0.0001 | P | 2.9 |
| 3 | ☐ | 1.000 | 1.191 | 4639.77 | 0.0010 | P | 0.9 |
| 4 | ☐ | 50.000 | 50.570 | 205565.68 | 0.0418 | P | 0.9 |
| 5 | ☐ | 125.000 | 128.194 | 498882.58 | 0.1060 | P | 0.4 |
| 6 | ☐ | 250.000 | 250.137 | 1057358.84 | 0.2069 | P | 0.6 |
| 7 | ☐ | 500.000 | 515.765 | 1923128.89 | 0.4266 | A | 3.9 |
| 8 | ☐ | 1000.000 | 991.655 | 3866780.68 | 0.8203 | A | 1.7 |
| 9 | ☐ | | | 1116.74 | 0.0002 | P | 15.5 |

y = 8.2719E-004 * x + 6.5885E-006
R = 0.9998
DL = 0.01331
BEC = 0.007965

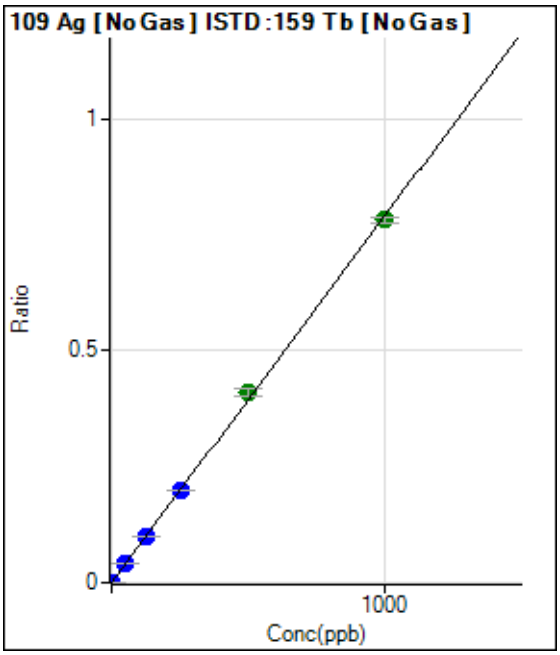
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 13.89 | 0.0000 | P | 35.4 |
| 2 | ☐ | 0.100 | -0.069 | 9.72 | 0.0000 | P | 70.7 |
| 3 | ☐ | 1.000 | 0.947 | 65.28 | 0.0000 | P | 14.0 |
| 4 | ☐ | 50.000 | 50.574 | 2883.67 | 0.0006 | P | 3.1 |
| 5 | ☐ | 125.000 | 131.976 | 7179.73 | 0.0015 | P | 3.2 |
| 6 | ☐ | 250.000 | 257.798 | 15218.23 | 0.0030 | P | 2.4 |
| 7 | ☐ | 500.000 | 517.828 | 26952.81 | 0.0060 | P | 4.2 |
| 8 | ☐ | 1000.000 | 988.236 | 53783.38 | 0.0114 | P | 1.3 |
| 9 | ☐ | | | 34.72 | 0.0000 | P | 25.3 |

y = 1.1542E-005 * x + 3.0130E-006
R = 0.9997
DL = 0.2771
BEC = 0.261

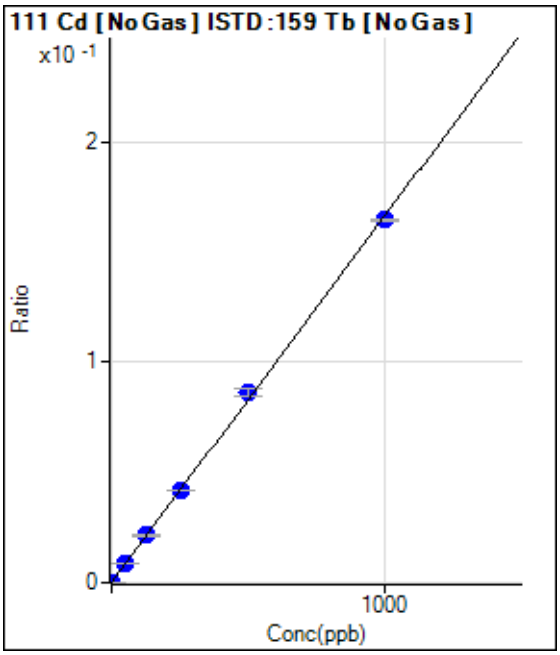
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19.45 | 0.0000 | P | 25.3 |
| 2 | ☐ | 0.100 | 0.112 | 416.68 | 0.0001 | P | 15.6 |
| 3 | ☐ | 1.000 | 1.158 | 4298.00 | 0.0009 | P | 2.6 |
| 4 | ☐ | 50.000 | 50.102 | 194526.82 | 0.0396 | P | 0.4 |
| 5 | ☐ | 125.000 | 128.193 | 476458.15 | 0.1013 | P | 0.3 |
| 6 | ☐ | 250.000 | 251.591 | 1015680.67 | 0.1988 | P | 0.2 |
| 7 | ☐ | 500.000 | 517.702 | 1843661.02 | 0.4090 | A | 3.9 |
| 8 | ☐ | 1000.000 | 990.347 | 3688237.71 | 0.7824 | A | 1.4 |
| 9 | ☐ | | | 1027.84 | 0.0002 | P | 6.5 |

y = 7.9003E-004 * x + 4.2120E-006
R = 0.9998
DL = 0.004044
BEC = 0.005331

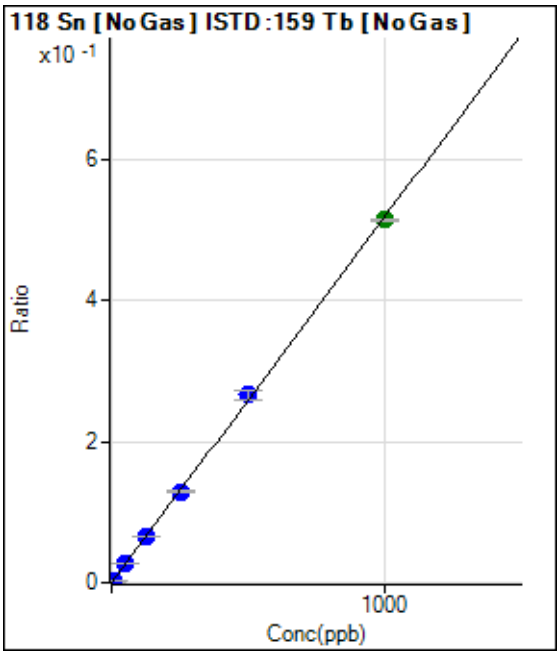
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 453.09 | 0.0001 | P | 8.5 |
| 2 | ☐ | 0.100 | 0.119 | 528.50 | 0.0001 | P | 9.8 |
| 3 | ☐ | 1.000 | 1.116 | 1324.93 | 0.0003 | P | 2.4 |
| 4 | ☐ | 50.000 | 50.233 | 41455.17 | 0.0084 | P | 1.9 |
| 5 | ☐ | 125.000 | 128.658 | 100946.97 | 0.0215 | P | 1.0 |
| 6 | ☐ | 250.000 | 251.350 | 213721.31 | 0.0418 | P | 0.7 |
| 7 | ☐ | 500.000 | 517.557 | 387743.90 | 0.0860 | P | 4.2 |
| 8 | ☐ | 1000.000 | 990.415 | 775624.49 | 0.1645 | P | 0.6 |
| 9 | ☐ | | | 825.74 | 0.0002 | P | 2.6 |

y = 1.6603E-004 * x + 9.8022E-005
R = 0.9998
DL = 0.1513
BEC = 0.5904

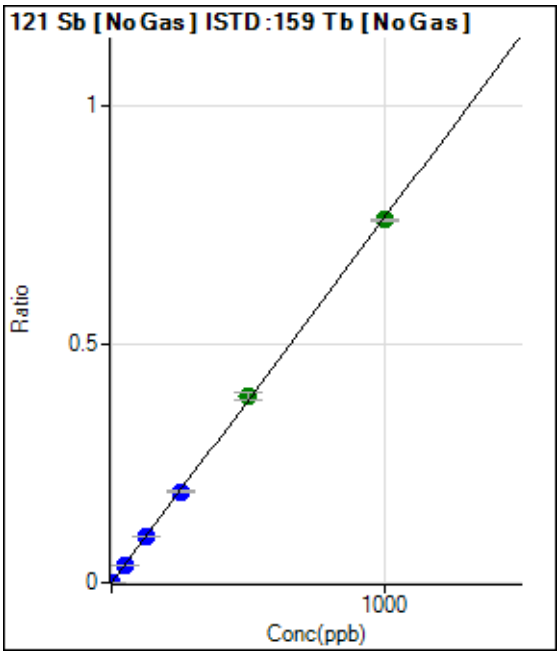
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 211.12 | 0.0000 | P | 32.0 |
| 2 | ☐ | 0.500 | 0.527 | 1427.90 | 0.0003 | P | 4.3 |
| 3 | ☐ | 5.000 | 5.083 | 12506.03 | 0.0027 | P | 2.2 |
| 4 | ☐ | 50.000 | 50.719 | 129097.74 | 0.0263 | P | 0.9 |
| 5 | ☐ | 125.000 | 128.003 | 311617.45 | 0.0662 | P | 0.5 |
| 6 | ☐ | 250.000 | 249.900 | 660624.09 | 0.1293 | P | 0.5 |
| 7 | ☐ | 500.000 | 513.340 | 1196652.64 | 0.2655 | P | 4.4 |
| 8 | ☐ | 1000.000 | 992.943 | 2420795.35 | 0.5135 | A | 0.8 |
| 9 | ☐ | | | 2305.81 | 0.0005 | P | 9.1 |

y = 5.1713E-004 * x + 4.5589E-005
R = 0.9999
DL = 0.08458
BEC = 0.08816

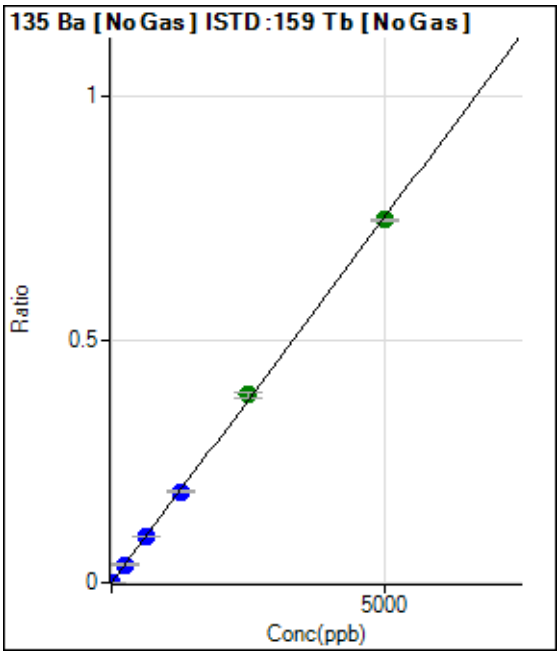
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 16.67 | 0.0000 | P | 1.0 |
| 2 | ☐ | 0.200 | 0.189 | 666.70 | 0.0001 | P | 10.0 |
| 3 | ☐ | 2.000 | 2.047 | 7335.54 | 0.0016 | P | 2.3 |
| 4 | ☐ | 50.000 | 49.779 | 187039.77 | 0.0381 | P | 0.6 |
| 5 | ☐ | 125.000 | 127.621 | 459051.91 | 0.0976 | P | 0.6 |
| 6 | ☐ | 250.000 | 249.413 | 974407.28 | 0.1907 | P | 0.8 |
| 7 | ☐ | 500.000 | 511.313 | 1761824.34 | 0.3909 | A | 4.7 |
| 8 | ☐ | 1000.000 | 994.174 | 3583410.71 | 0.7601 | A | 0.6 |
| 9 | ☐ | | | 2733.70 | 0.0006 | P | 0.5 |

y = 7.6459E-004 * x + 3.6077E-006
R = 0.9999
DL = 0.0001422
BEC = 0.004718

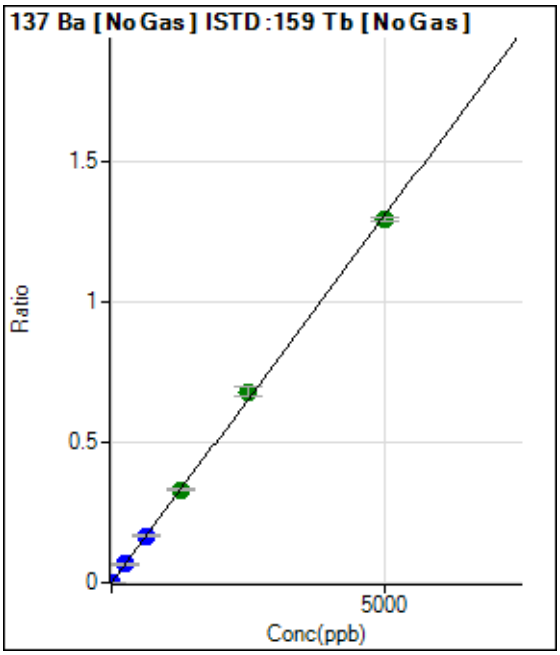
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 30.56 | 0.0000 | P | 32.1 |
| 2 | ☐ | 1.000 | 1.093 | 763.94 | 0.0002 | P | 18.2 |
| 3 | ☐ | 10.000 | 10.345 | 7302.15 | 0.0016 | P | 2.2 |
| 4 | ☐ | 250.000 | 248.111 | 183168.57 | 0.0373 | P | 1.7 |
| 5 | ☐ | 625.000 | 633.826 | 448032.85 | 0.0952 | P | 0.8 |
| 6 | ☐ | 1250.000 | 1246.302 | 956764.08 | 0.1873 | P | 1.0 |
| 7 | ☐ | 2500.000 | 2568.002 | 1739439.66 | 0.3858 | A | 3.5 |
| 8 | ☐ | 5000.000 | 4965.914 | 3517326.60 | 0.7461 | A | 0.5 |
| 9 | ☐ | | | 6860.24 | 0.0015 | P | 5.7 |

y = 1.5025E-004 * x + 6.6201E-006
R = 0.9999
DL = 0.0424
BEC = 0.04406

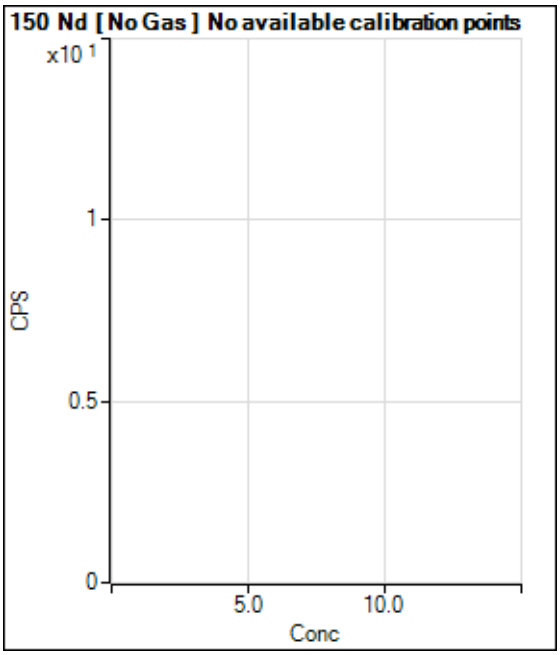
Weight: <None>
Min Conc: 0



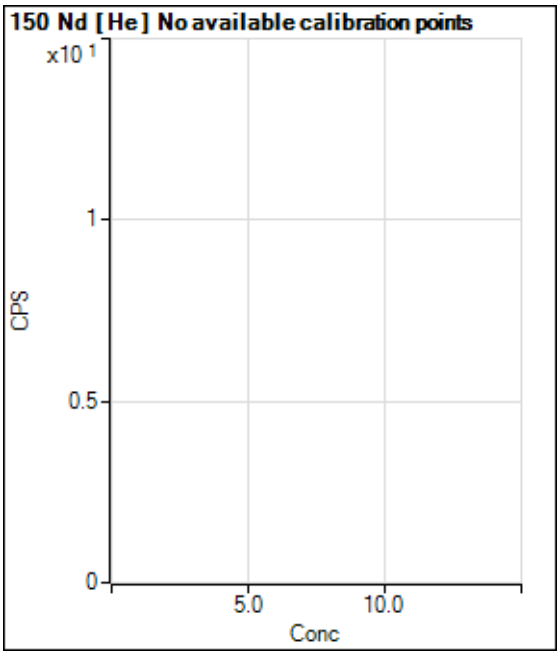

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 27.78 | 0.0000 | P | 95.5 |
| 2 | ☐ | 1.000 | 1.071 | 1283.43 | 0.0003 | P | 6.0 |
| 3 | ☐ | 10.000 | 10.322 | 12656.26 | 0.0027 | P | 4.0 |
| 4 | ☐ | 250.000 | 250.032 | 321269.12 | 0.0654 | P | 1.1 |
| 5 | ☐ | 625.000 | 640.766 | 788282.35 | 0.1676 | P | 0.6 |
| 6 | ☐ | 1250.000 | 1262.923 | 1687049.37 | 0.3303 | A | 1.6 |
| 7 | ☐ | 2500.000 | 2602.994 | 3067829.13 | 0.6807 | A | 4.4 |
| 8 | ☐ | 5000.000 | 4943.299 | 6093582.43 | 1.2927 | A | 1.1 |
| 9 | ☐ | | | 11913.87 | 0.0026 | P | 1.9 |

y = 2.6150E-004 * x + 5.9731E-006
R = 0.9997
DL = 0.06546
BEC = 0.02284

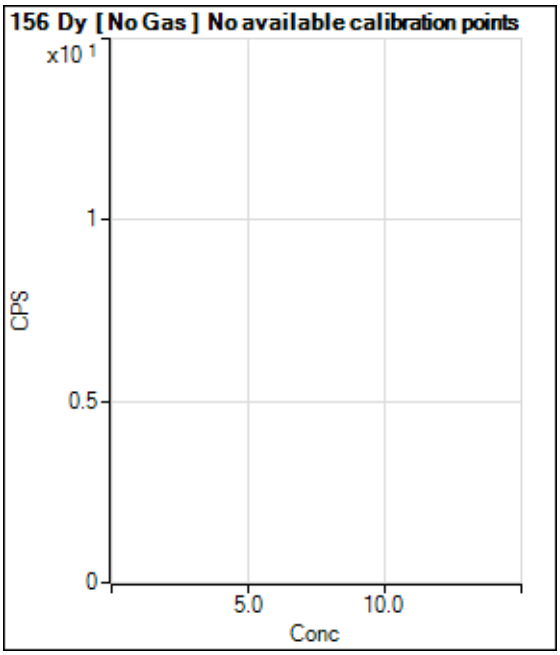
Weight: <None>
Min Conc: 0



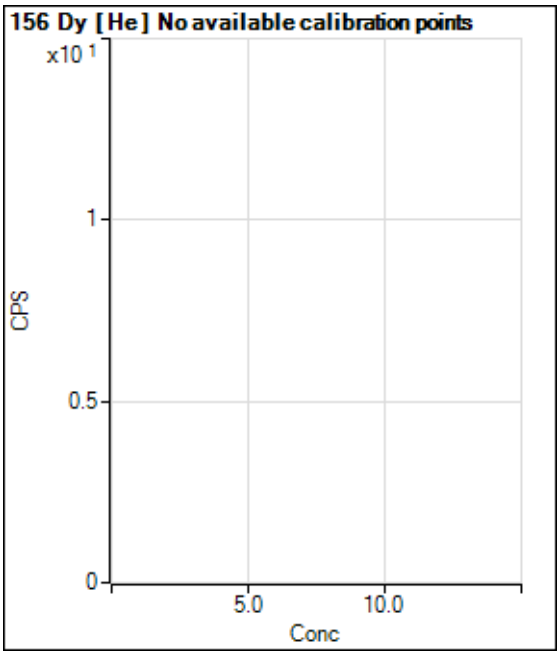

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 0.0 |
| 2 | ☐ | | | 4.44 | | P | 173.2 |
| 3 | ☐ | | | 6.67 | | P | 173.2 |
| 4 | ☐ | | | 4.44 | | P | 173.2 |
| 5 | ☐ | | | 22.22 | | P | 17.3 |
| 6 | ☐ | | | 44.44 | | P | 17.3 |
| 7 | ☐ | | | 51.11 | | P | 19.9 |
| 8 | ☐ | | | 97.78 | | P | 7.9 |
| 9 | ☐ | | | 51.11 | | P | 41.9 |



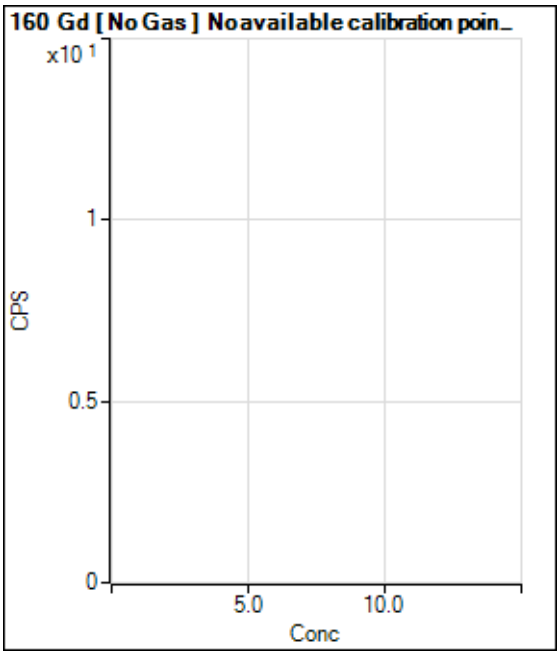

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 0.00 | | P | |
| 2 | ☐ | | | 1.11 | | P | 173.2 |
| 3 | ☐ | | | 1.11 | | P | 173.2 |
| 4 | ☐ | | | 0.00 | | P | |
| 5 | ☐ | | | 1.11 | | P | 173.2 |
| 6 | ☐ | | | 2.22 | | P | 86.6 |
| 7 | ☐ | | | 7.78 | | P | 65.5 |
| 8 | ☐ | | | 6.67 | | P | 50.0 |
| 9 | ☐ | | | 13.33 | | P | 25.0 |



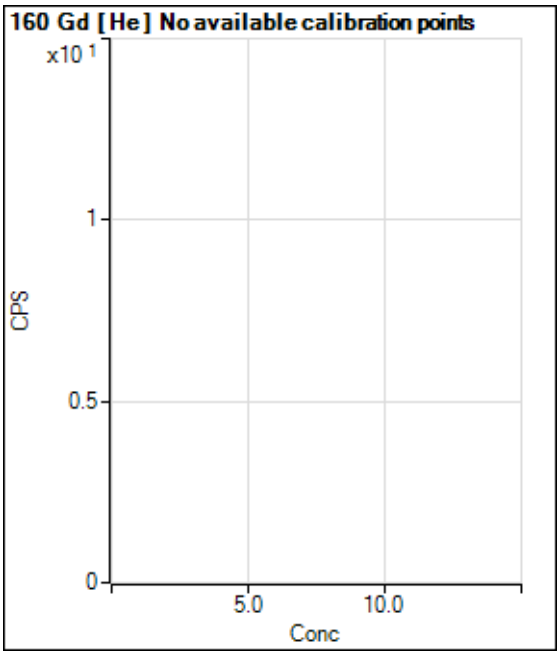

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 5.55 | | P | 86.6 |
| 2 | ☐ | | | 13.89 | | P | 69.3 |
| 3 | ☐ | | | 16.67 | | P | 100.0 |
| 4 | ☐ | | | 11.11 | | P | 114.6 |
| 5 | ☐ | | | 5.55 | | P | 86.6 |
| 6 | ☐ | | | 19.44 | | P | 65.5 |
| 7 | ☐ | | | 38.89 | | P | 61.9 |
| 8 | ☐ | | | 97.22 | | P | 21.6 |
| 9 | ☐ | | | 183.34 | | P | 29.8 |



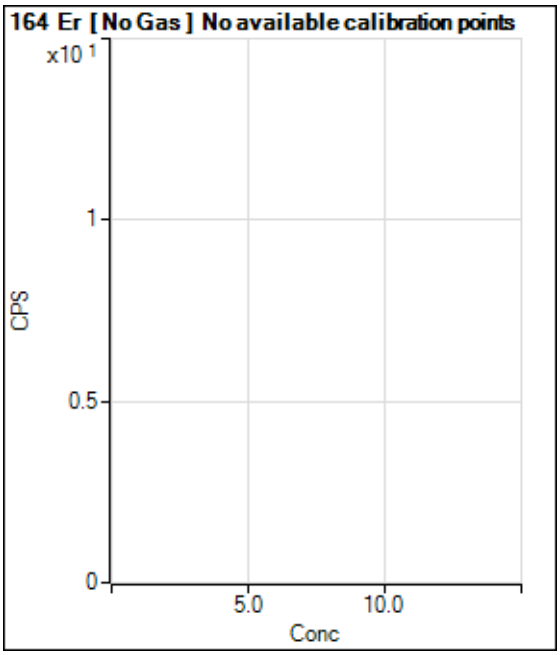

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 5.56 | | P | 34.7 |
| 2 | ☐ | | | 2.22 | | P | 86.6 |
| 3 | ☐ | | | 4.44 | | P | 114.6 |
| 4 | ☐ | | | 3.33 | | P | 0.0 |
| 5 | ☐ | | | 1.11 | | P | 173.2 |
| 6 | ☐ | | | 13.33 | | P | 75.0 |
| 7 | ☐ | | | 16.67 | | P | 40.0 |
| 8 | ☐ | | | 15.56 | | P | 32.7 |
| 9 | ☐ | | | 91.11 | | P | 30.7 |



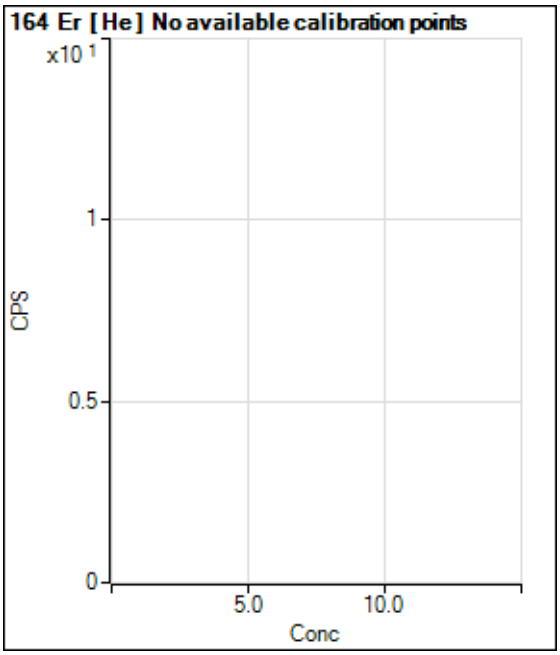

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 22.22 | | P | 21.6 |
| 2 | ☐ | | | 33.33 | | P | 25.0 |
| 3 | ☐ | | | 27.78 | | P | 45.8 |
| 4 | ☐ | | | 36.11 | | P | 74.2 |
| 5 | ☐ | | | 47.22 | | P | 50.9 |
| 6 | ☐ | | | 47.22 | | P | 27.0 |
| 7 | ☐ | | | 55.56 | | P | 17.3 |
| 8 | ☐ | | | 86.11 | | P | 20.1 |
| 9 | ☐ | | | 236.12 | | P | 12.4 |



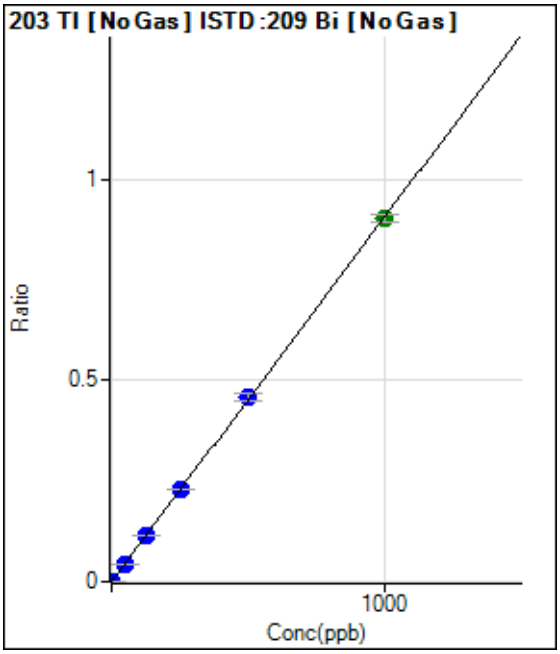

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 16.67 | | P | 20.0 |
| 2 | ☐ | | | 12.22 | | P | 15.7 |
| 3 | ☐ | | | 11.11 | | P | 45.8 |
| 4 | ☐ | | | 10.00 | | P | 88.2 |
| 5 | ☐ | | | 15.56 | | P | 12.4 |
| 6 | ☐ | | | 12.22 | | P | 41.7 |
| 7 | ☐ | | | 15.55 | | P | 44.6 |
| 8 | ☐ | | | 31.11 | | P | 22.3 |
| 9 | ☐ | | | 118.89 | | P | 9.0 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 38.89 | | P | 32.7 |
| 2 | ☐ | | | 19.44 | | P | 65.5 |
| 3 | ☐ | | | 25.00 | | P | 88.2 |
| 4 | ☐ | | | 22.22 | | P | 21.6 |
| 5 | ☐ | | | 27.78 | | P | 45.8 |
| 6 | ☐ | | | 22.22 | | P | 43.3 |
| 7 | ☐ | | | 36.11 | | P | 48.0 |
| 8 | ☐ | | | 36.11 | | P | 26.7 |
| 9 | ☐ | | | 52.78 | | P | 74.6 |



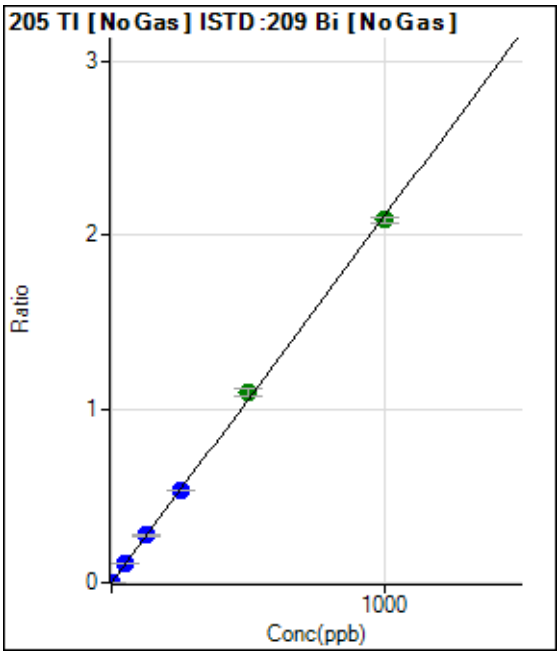

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 14.44 | | P | 53.3 |
| 2 | ☐ | | | 6.66 | | P | 86.6 |
| 3 | ☐ | | | 15.55 | | P | 68.9 |
| 4 | ☐ | | | 3.33 | | P | 100.1 |
| 5 | ☐ | | | 6.67 | | P | 100.0 |
| 6 | ☐ | | | 10.00 | | P | 33.3 |
| 7 | ☐ | | | 14.45 | | P | 26.7 |
| 8 | ☐ | | | 11.11 | | P | 17.3 |
| 9 | ☐ | | | 16.67 | | P | 60.0 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 25.00 | 0.0000 | P | 66.5 |
| 2 | ☐ | 0.100 | 0.082 | 225.01 | 0.0001 | P | 20.5 |
| 3 | ☐ | 1.000 | 1.039 | 2680.92 | 0.0009 | P | 5.1 |
| 4 | ☐ | 50.000 | 49.100 | 130195.70 | 0.0444 | P | 2.0 |
| 5 | ☐ | 125.000 | 128.557 | 326565.02 | 0.1163 | P | 0.7 |
| 6 | ☐ | 250.000 | 251.317 | 692096.84 | 0.2274 | P | 0.2 |
| 7 | ☐ | 500.000 | 507.219 | 1238648.35 | 0.4590 | P | 3.5 |
| 8 | ☐ | 1000.000 | 995.661 | 2538506.02 | 0.9009 | A | 2.1 |
| 9 | ☐ | | | 1947.42 | 0.0007 | P | 13.5 |

y = 9.0486E-004 * x + 8.9594E-006
R = 1.0000
DL = 0.01975
BEC = 0.009901

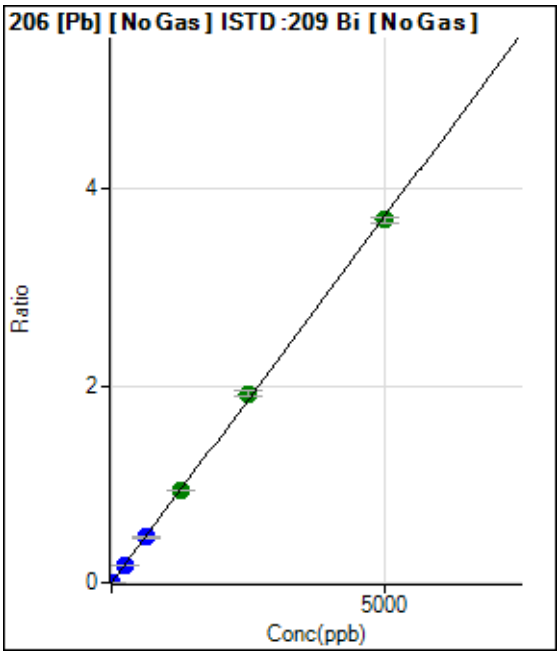
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 47.22 | 0.0000 | P | 26.6 |
| 2 | ☐ | 0.100 | 0.096 | 588.92 | 0.0002 | P | 15.1 |
| 3 | ☐ | 1.000 | 1.010 | 6059.91 | 0.0021 | P | 5.3 |
| 4 | ☐ | 50.000 | 50.596 | 312592.75 | 0.1067 | P | 1.7 |
| 5 | ☐ | 125.000 | 129.386 | 765657.19 | 0.2728 | P | 1.8 |
| 6 | ☐ | 250.000 | 253.177 | 1624582.05 | 0.5338 | P | 0.8 |
| 7 | ☐ | 500.000 | 518.452 | 2949674.81 | 1.0931 | A | 3.7 |
| 8 | ☐ | 1000.000 | 989.402 | 5877344.32 | 2.0860 | A | 1.5 |
| 9 | ☐ | | | 4256.37 | 0.0016 | P | 15.7 |

y = 0.0021 * x + 1.6911E-005
R = 0.9997
DL = 0.006397
BEC = 0.008021

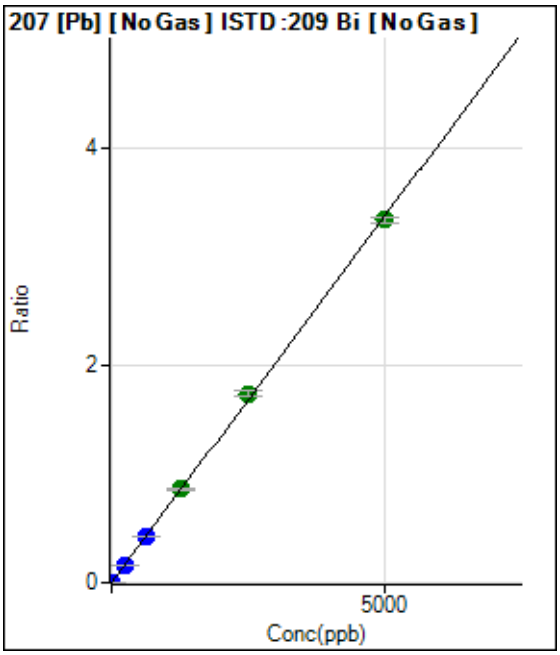
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 311.12 | 0.0001 | P | 4.9 |
| 2 | ☐ | 0.100 | 0.109 | 520.39 | 0.0002 | P | 7.6 |
| 3 | ☐ | 1.000 | 0.945 | 2302.09 | 0.0008 | P | 3.5 |
| 4 | ☐ | 250.000 | 243.249 | 530701.76 | 0.1811 | P | 1.3 |
| 5 | ☐ | 625.000 | 621.177 | 1297560.73 | 0.4623 | P | 1.8 |
| 6 | ☐ | 1250.000 | 1264.984 | 2864768.84 | 0.9414 | A | 1.2 |
| 7 | ☐ | 2500.000 | 2583.312 | 5187727.08 | 1.9223 | A | 3.5 |
| 8 | ☐ | 5000.000 | 4955.414 | 10388927.78 | 3.6873 | A | 1.7 |
| 9 | ☐ | | | 11447.81 | 0.0044 | P | 1.2 |

y = 7.4408E-004 * x + 1.1149E-004
R = 0.9998
DL = 0.02222
BEC = 0.1498

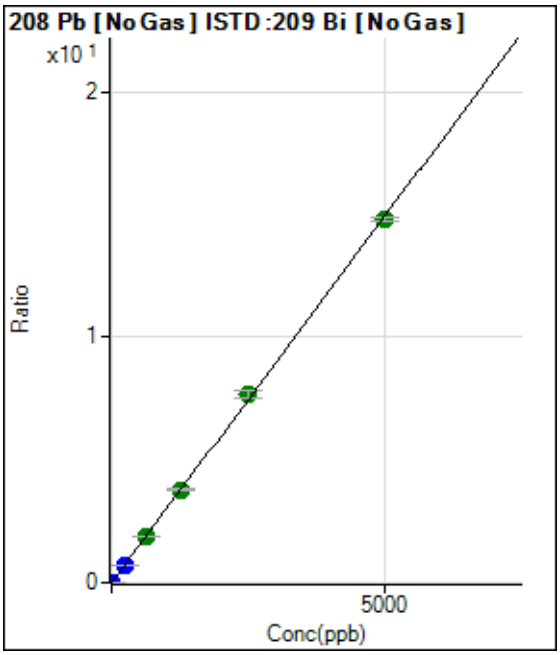
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 287.05 | 0.0001 | P | 22.9 |
| 2 | ☐ | 0.100 | 0.107 | 472.24 | 0.0002 | P | 6.1 |
| 3 | ☐ | 1.000 | 0.937 | 2070.57 | 0.0007 | P | 2.2 |
| 4 | ☐ | 250.000 | 242.121 | 477526.06 | 0.1630 | P | 1.2 |
| 5 | ☐ | 625.000 | 619.765 | 1170423.72 | 0.4170 | P | 0.8 |
| 6 | ☐ | 1250.000 | 1277.014 | 2614466.84 | 0.8590 | A | 0.7 |
| 7 | ☐ | 2500.000 | 2578.313 | 4680944.90 | 1.7343 | A | 3.2 |
| 8 | ☐ | 5000.000 | 4955.138 | 9391161.90 | 3.3330 | A | 1.3 |
| 9 | ☐ | | | 9811.29 | 0.0037 | P | 4.0 |

y = 6.7261E-004 * x + 1.0282E-004
R = 0.9998
DL = 0.105
BEC = 0.1529

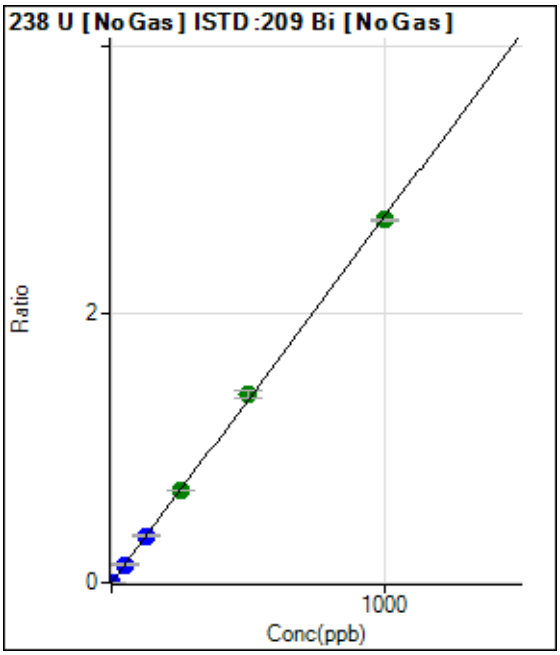
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1253.75 | 0.0004 | P | 7.5 |
| 2 | ☐ | 0.100 | 0.102 | 2033.43 | 0.0008 | P | 3.1 |
| 3 | ☐ | 1.000 | 0.974 | 9466.36 | 0.0034 | P | 1.9 |
| 4 | ☐ | 250.000 | 245.851 | 2148647.71 | 0.7332 | P | 1.2 |
| 5 | ☐ | 625.000 | 637.045 | 5330658.45 | 1.8992 | A | 1.3 |
| 6 | ☐ | 1250.000 | 1272.657 | 11545651.50 | 3.7936 | A | 0.8 |
| 7 | ☐ | 2500.000 | 2575.461 | 20718720.72 | 7.6767 | A | 3.3 |
| 8 | ☐ | 5000.000 | 4955.307 | 41617017.72 | 14.7699 | A | 1.2 |
| 9 | ☐ | | | 45801.19 | 0.0175 | P | 2.5 |

y = 0.0030 * x + 4.4923E-004
R = 0.9998
DL = 0.03401
BEC = 0.1507

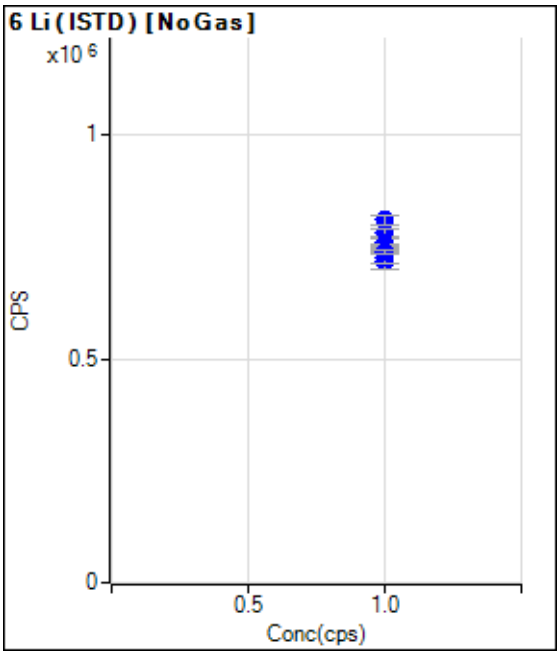
Weight: <None>
Min Conc: 0



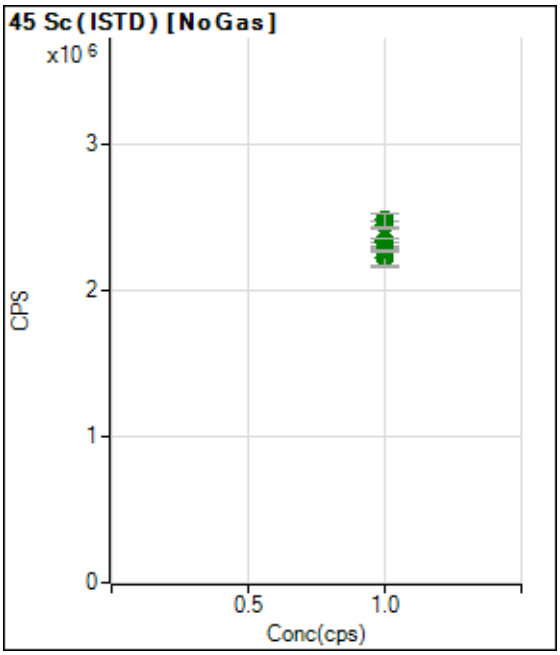

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 11.11 | 0.0000 | P | 173.2 |
| 2 | ☐ | 0.100 | 0.102 | 763.94 | 0.0003 | P | 15.8 |
| 3 | ☐ | 1.000 | 0.958 | 7388.51 | 0.0026 | P | 3.5 |
| 4 | ☐ | 50.000 | 49.888 | 398810.38 | 0.1361 | P | 1.9 |
| 5 | ☐ | 125.000 | 127.871 | 979123.59 | 0.3488 | P | 1.4 |
| 6 | ☐ | 250.000 | 250.595 | 2080673.79 | 0.6836 | A | 0.8 |
| 7 | ☐ | 500.000 | 516.421 | 3801620.53 | 1.4088 | A | 3.9 |
| 8 | ☐ | 1000.000 | 991.287 | 7620089.15 | 2.7043 | A | 0.8 |
| 9 | ☐ | | | 936.18 | 0.0004 | P | 16.2 |

y = 0.0027 * x + 3.9714E-006
R = 0.9998
DL = 0.007565
BEC = 0.001456

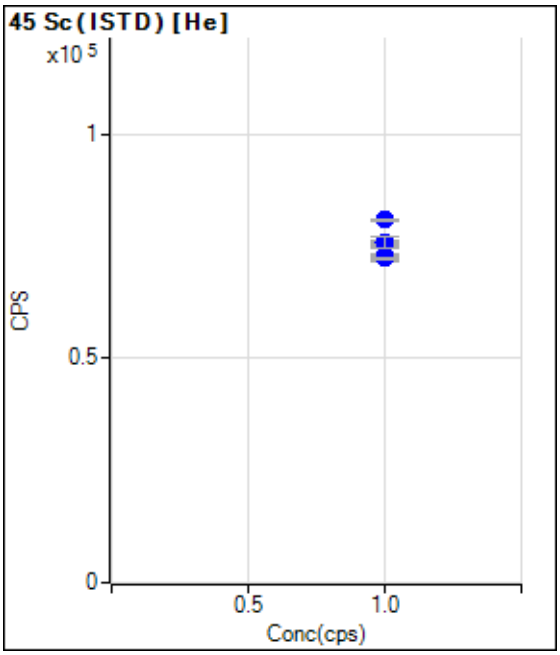
Weight: <None>
Min Conc: 0



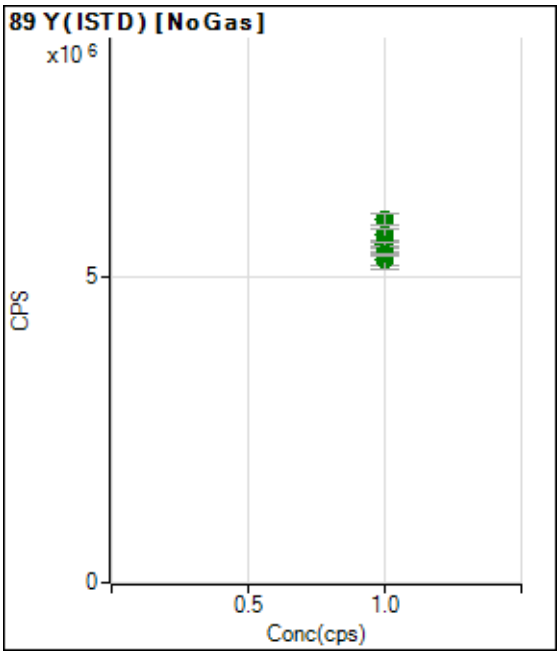

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 737941.88 | | P | 0.2 |
| 2 | ☐ | 1.000 | | 718150.25 | | P | 4.6 |
| 3 | ☐ | 1.000 | | 748301.47 | | P | 0.5 |
| 4 | ☐ | 1.000 | | 779836.38 | | P | 2.3 |
| 5 | ☐ | 1.000 | | 758649.11 | | P | 2.2 |
| 6 | ☐ | 1.000 | | 809968.38 | | P | 2.7 |
| 7 | ☐ | 1.000 | | 726824.20 | | P | 3.7 |
| 8 | ☐ | 1.000 | | 753826.56 | | P | 0.3 |
| 9 | ☐ | 1.000 | | 738278.49 | | P | 0.7 |



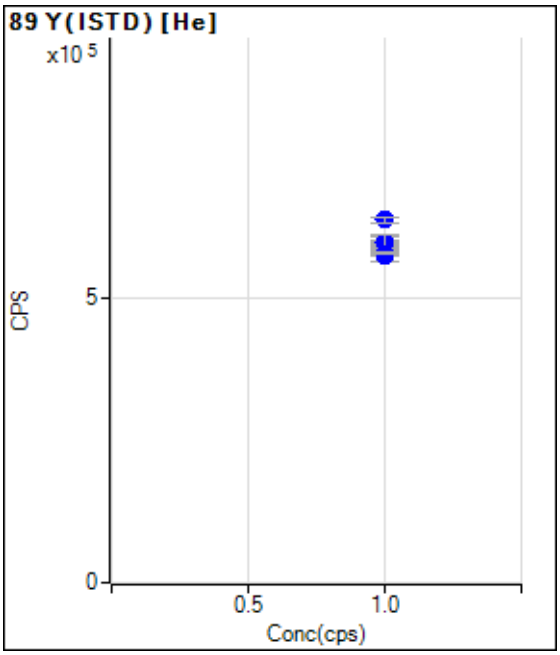

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2279289.88 | | A | 0.7 |
| 2 | ☐ | 1.000 | | 2228213.35 | | A | 6.3 |
| 3 | ☐ | 1.000 | | 2343564.41 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 2449153.21 | | A | 1.9 |
| 5 | ☐ | 1.000 | | 2333515.47 | | A | 1.9 |
| 6 | ☐ | 1.000 | | 2487172.72 | | A | 4.0 |
| 7 | ☐ | 1.000 | | 2225896.16 | | A | 4.2 |
| 8 | ☐ | 1.000 | | 2288854.69 | | A | 0.2 |
| 9 | ☐ | 1.000 | | 2277306.42 | | A | 0.3 |



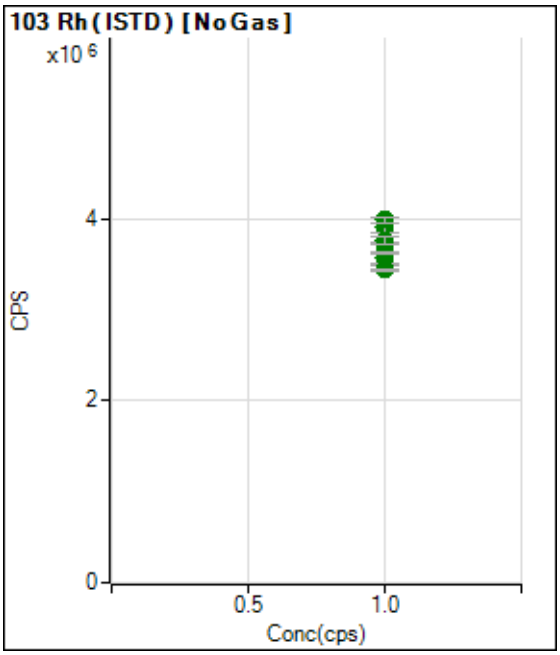

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 72922.13 | | P | 4.0 |
| 2 | ☐ | 1.000 | | 75910.29 | | P | 1.5 |
| 3 | ☐ | 1.000 | | 76026.40 | | P | 2.5 |
| 4 | ☐ | 1.000 | | 75627.63 | | P | 0.4 |
| 5 | ☐ | 1.000 | | 76065.37 | | P | 0.6 |
| 6 | ☐ | 1.000 | | 80871.38 | | P | 0.4 |
| 7 | ☐ | 1.000 | | 73007.40 | | P | 0.4 |
| 8 | ☐ | 1.000 | | 75972.93 | | P | 3.7 |
| 9 | ☐ | 1.000 | | 72270.49 | | P | 0.9 |



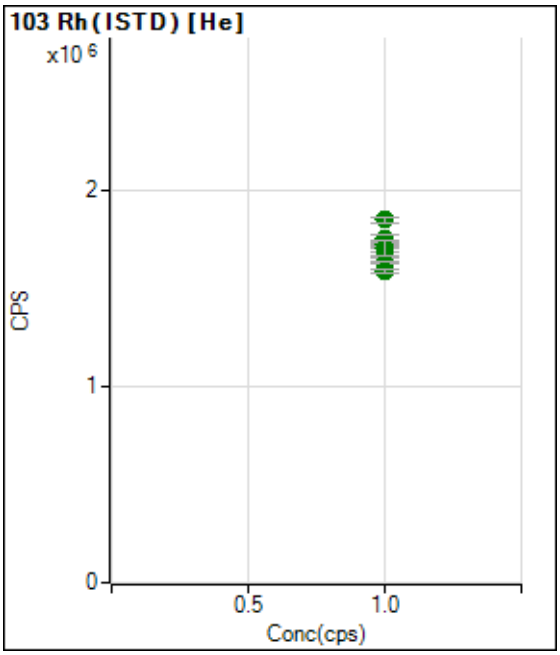

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 5397130.68 | | A | 0.4 |
| 2 | ☐ | 1.000 | | 5308293.05 | | A | 4.3 |
| 3 | ☐ | 1.000 | | 5482708.25 | | A | 0.2 |
| 4 | ☐ | 1.000 | | 5708909.50 | | A | 3.3 |
| 5 | ☐ | 1.000 | | 5551847.62 | | A | 1.0 |
| 6 | ☐ | 1.000 | | 5946014.70 | | A | 3.2 |
| 7 | ☐ | 1.000 | | 5284134.30 | | A | 5.3 |
| 8 | ☐ | 1.000 | | 5560527.00 | | A | 1.1 |
| 9 | ☐ | 1.000 | | 5380796.65 | | A | 0.4 |



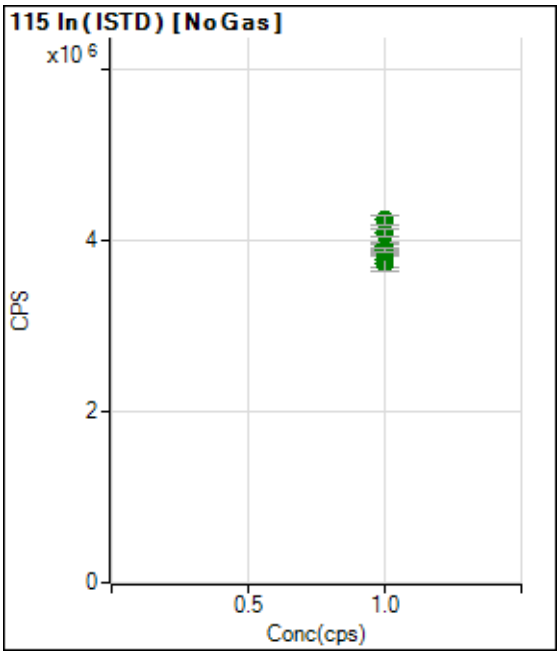

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 574884.63 | | P | 3.6 |
| 2 | ☐ | 1.000 | | 594147.37 | | P | 1.9 |
| 3 | ☐ | 1.000 | | 599368.86 | | P | 2.9 |
| 4 | ☐ | 1.000 | | 589649.51 | | P | 0.6 |
| 5 | ☐ | 1.000 | | 597392.37 | | P | 0.6 |
| 6 | ☐ | 1.000 | | 637184.42 | | P | 1.4 |
| 7 | ☐ | 1.000 | | 575595.96 | | P | 1.0 |
| 8 | ☐ | 1.000 | | 596953.57 | | P | 4.3 |
| 9 | ☐ | 1.000 | | 578433.66 | | P | 0.8 |



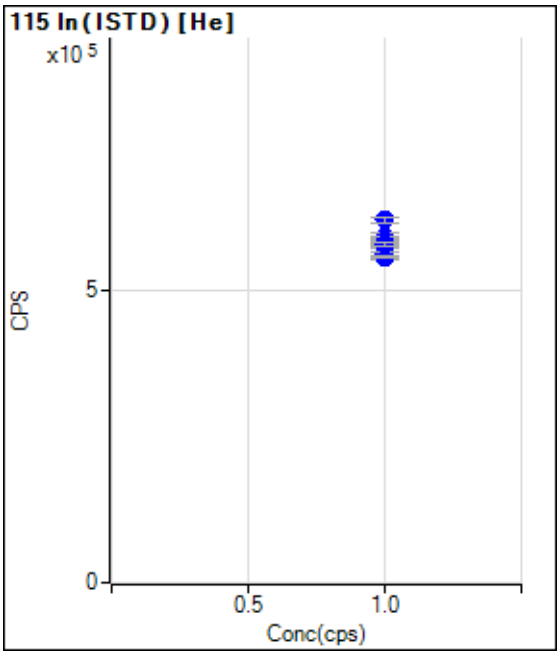

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3726064.49 | | A | 0.6 |
| 2 | ☐ | 1.000 | | 3616830.38 | | A | 5.9 |
| 3 | ☐ | 1.000 | | 3741622.05 | | A | 0.3 |
| 4 | ☐ | 1.000 | | 3901619.44 | | A | 2.7 |
| 5 | ☐ | 1.000 | | 3767397.39 | | A | 2.3 |
| 6 | ☐ | 1.000 | | 3983766.10 | | A | 1.8 |
| 7 | ☐ | 1.000 | | 3562564.19 | | A | 4.4 |
| 8 | ☐ | 1.000 | | 3620259.02 | | A | 0.2 |
| 9 | ☐ | 1.000 | | 3432181.68 | | A | 0.6 |



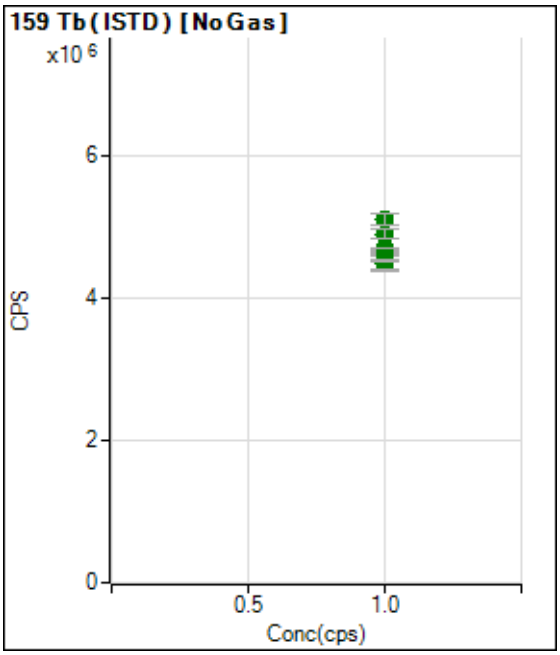

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1673590.58 | | A | 2.1 |
| 2 | ☐ | 1.000 | | 1726394.10 | | A | 2.4 |
| 3 | ☐ | 1.000 | | 1754602.01 | | A | 2.7 |
| 4 | ☐ | 1.000 | | 1713678.38 | | A | 1.1 |
| 5 | ☐ | 1.000 | | 1728829.49 | | A | 1.6 |
| 6 | ☐ | 1.000 | | 1852951.03 | | A | 1.2 |
| 7 | ☐ | 1.000 | | 1633159.59 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 1706396.83 | | A | 4.5 |
| 9 | ☐ | 1.000 | | 1592402.46 | | A | 1.1 |



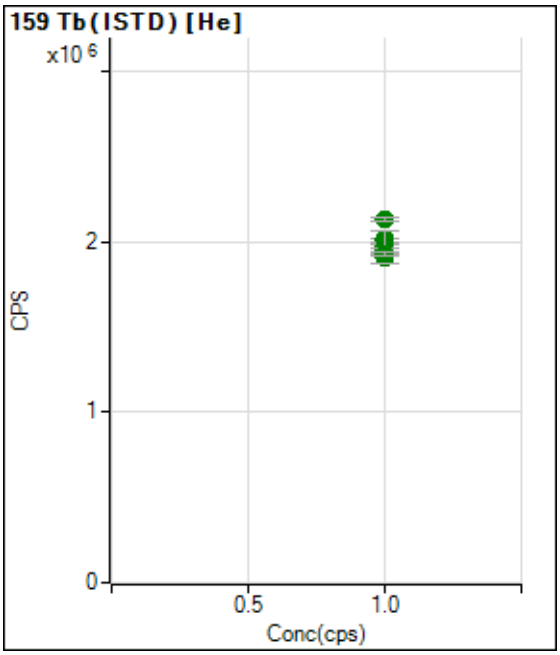

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3899855.64 | | A | 0.2 |
| 2 | ☐ | 1.000 | | 3767272.37 | | A | 4.4 |
| 3 | ☐ | 1.000 | | 3935206.33 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 4095413.12 | | A | 1.9 |
| 5 | ☐ | 1.000 | | 3942872.66 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 4240114.20 | | A | 2.6 |
| 7 | ☐ | 1.000 | | 3729521.01 | | A | 4.3 |
| 8 | ☐ | 1.000 | | 3875758.28 | | A | 0.7 |
| 9 | ☐ | 1.000 | | 3893650.19 | | A | 1.2 |



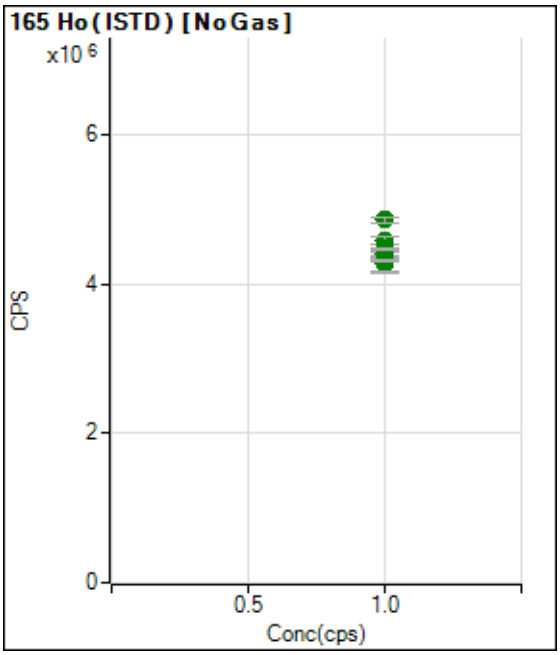

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 560533.69 | | P | 3.8 |
| 2 | ☐ | 1.000 | | 583031.89 | | P | 1.8 |
| 3 | ☐ | 1.000 | | 588734.50 | | P | 3.0 |
| 4 | ☐ | 1.000 | | 574554.65 | | P | 0.8 |
| 5 | ☐ | 1.000 | | 583723.05 | | P | 0.3 |
| 6 | ☐ | 1.000 | | 618706.87 | | P | 1.7 |
| 7 | ☐ | 1.000 | | 555551.30 | | P | 0.5 |
| 8 | ☐ | 1.000 | | 576734.90 | | P | 4.3 |
| 9 | ☐ | 1.000 | | 576131.10 | | P | 1.1 |



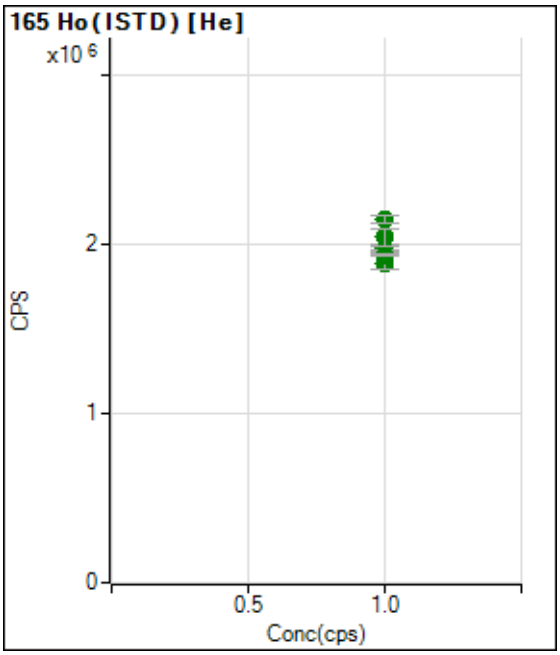

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4621015.28 | | A | 1.0 |
| 2 | ☐ | 1.000 | | 4498242.26 | | A | 5.5 |
| 3 | ☐ | 1.000 | | 4677276.22 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 4914157.46 | | A | 2.8 |
| 5 | ☐ | 1.000 | | 4704344.79 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 5110008.57 | | A | 3.2 |
| 7 | ☐ | 1.000 | | 4512508.82 | | A | 4.2 |
| 8 | ☐ | 1.000 | | 4714138.61 | | A | 0.5 |
| 9 | ☐ | 1.000 | | 4542549.20 | | A | 0.8 |



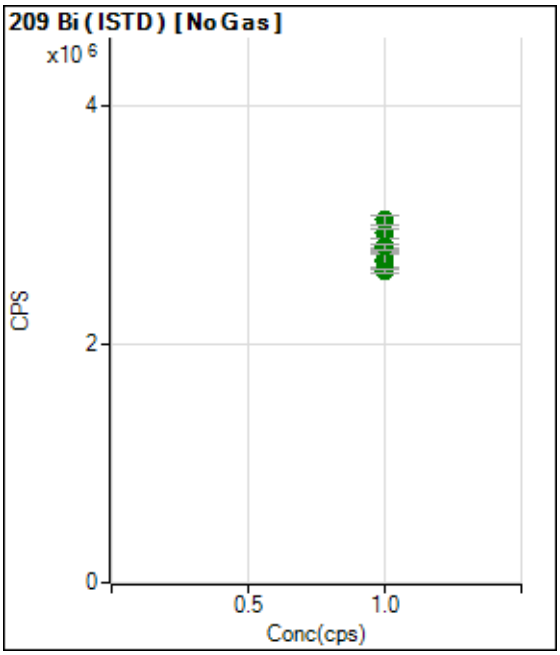

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1902950.87 | | A | 3.4 |
| 2 | ☐ | 1.000 | | 1970517.28 | | A | 1.2 |
| 3 | ☐ | 1.000 | | 1988084.16 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 1948618.77 | | A | 1.2 |
| 5 | ☐ | 1.000 | | 2007073.60 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 2128969.81 | | A | 1.0 |
| 7 | ☐ | 1.000 | | 1940281.91 | | A | 1.9 |
| 8 | ☐ | 1.000 | | 2017621.15 | | A | 4.9 |
| 9 | ☐ | 1.000 | | 1927150.80 | | A | 1.1 |



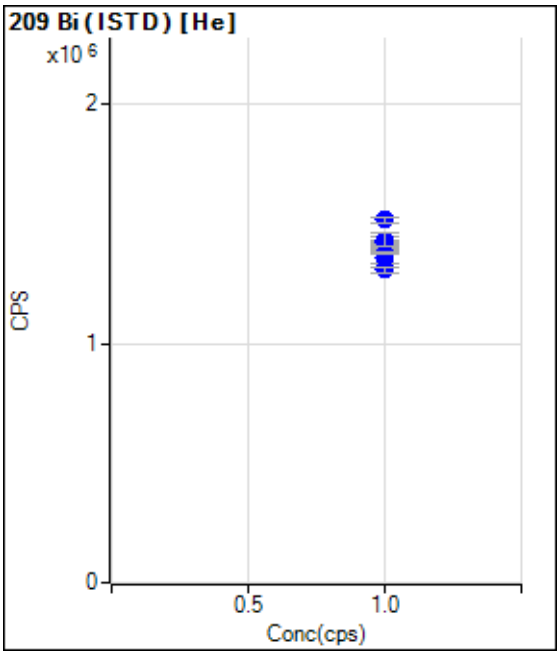

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 4419046.84 | | A | 1.1 |
| 2 | ☐ | 1.000 | | 4266539.55 | | A | 5.2 |
| 3 | ☐ | 1.000 | | 4440752.40 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 4592960.52 | | A | 2.2 |
| 5 | ☐ | 1.000 | | 4472718.80 | | A | 1.1 |
| 6 | ☐ | 1.000 | | 4863670.77 | | A | 1.7 |
| 7 | ☐ | 1.000 | | 4270732.95 | | A | 4.0 |
| 8 | ☐ | 1.000 | | 4475343.55 | | A | 0.6 |
| 9 | ☐ | 1.000 | | 4317525.88 | | A | 0.2 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1890666.60 | | A | 3.8 |
| 2 | ☐ | 1.000 | | 1973565.79 | | A | 2.6 |
| 3 | ☐ | 1.000 | | 1973622.56 | | A | 3.0 |
| 4 | ☐ | 1.000 | | 1955899.69 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 1963547.52 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 2143927.55 | | A | 2.0 |
| 7 | ☐ | 1.000 | | 1935269.81 | | A | 0.1 |
| 8 | ☐ | 1.000 | | 2041083.20 | | A | 5.0 |
| 9 | ☐ | 1.000 | | 1935887.00 | | A | 0.7 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2790199.40 | | A | 0.5 |
| 2 | ☐ | 1.000 | | 2705949.86 | | A | 4.9 |
| 3 | ☐ | 1.000 | | 2824065.34 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 2930848.26 | | A | 2.9 |
| 5 | ☐ | 1.000 | | 2807295.37 | | A | 2.0 |
| 6 | ☐ | 1.000 | | 3043201.48 | | A | 2.3 |
| 7 | ☐ | 1.000 | | 2701195.85 | | A | 4.0 |
| 8 | ☐ | 1.000 | | 2818036.97 | | A | 1.8 |
| 9 | ☐ | 1.000 | | 2619282.91 | | A | 1.1 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1363425.79 | | P | 3.9 |
| 2 | ☐ | 1.000 | | 1415574.68 | | P | 1.4 |
| 3 | ☐ | 1.000 | | 1425989.11 | | P | 2.7 |
| 4 | ☐ | 1.000 | | 1406160.50 | | P | 0.8 |
| 5 | ☐ | 1.000 | | 1421508.59 | | P | 1.2 |
| 6 | ☐ | 1.000 | | 1517878.68 | | P | 1.4 |
| 7 | ☐ | 1.000 | | 1379202.78 | | P | 0.6 |
| 8 | ☐ | 1.000 | | 1433702.36 | | P | 4.1 |
| 9 | ☐ | 1.000 | | 1308276.78 | | P | 1.7 |

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | Jaswal |
| **Acq/Data Batch** | D:\Agilent\ICPMH\1\DATA\P8040920MS.b |
| **Acq. Date-Time** | 2020-04-09 14:15:41 |
| **Report Comment** | --- |
| **Instrument Name** | G8403A SG19224459 |

**[No Gas]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 9 | | 3786 | 37864.91 | | | 1.155 | 5.000 |
| 24 | | 49481 | 494810.17 | | | 1.252 | 5.000 |
| 25 | | 6834 | 68336.52 | | | 1.102 | 5.000 |
| 26 | | 8005 | 80052.17 | | | 0.906 | 5.000 |
| 59 | | 30866 | 308660.97 | | | 1.058 | 5.000 |
| 113 | | 5461 | 54613.11 | | | 1.426 | 5.000 |
| 115 | | 16922 | 169220.98 | | | 1.954 | 5.000 |
| 206 | | 6926 | 69261.83 | | | 1.219 | 5.000 |
| 207 | | 5790 | 57902.13 | | | 1.158 | 5.000 |
| 208 | | 14272 | 142721.65 | | | 1.224 | 5.000 |
| 220 | | 0 | 4.10 | | | 45.138 | |

| Mass | RSD% (Flag) |
|---|---|
| 9 | |
| 24 | |
| 25 | |
| 26 | |
| 59 | |
| 113 | |
| 115 | |
| 206 | |
| 207 | |
| 208 | |
| 220 | |

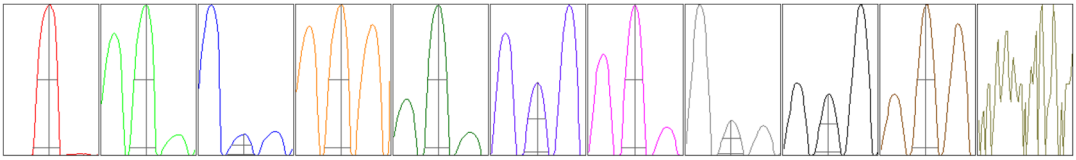
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 3803 | 3716 | 3832 | 3777 | 3804 |
| 24 | 49610 | 48497 | 50015 | 49315 | 49969 |
| 25 | 6875 | 6728 | 6829 | 6807 | 6929 |
| 26 | 8101 | 7905 | 8019 | 7974 | 8028 |
| 59 | 31139 | 30330 | 30956 | 30807 | 31097 |
| 113 | 5526 | 5338 | 5489 | 5435 | 5519 |
| 115 | 17458 | 16794 | 16877 | 16558 | 16923 |
| 206 | 6962 | 6791 | 6954 | 6909 | 7015 |
| 207 | 5785 | 5712 | 5827 | 5745 | 5882 |
| 208 | 14262 | 14076 | 14219 | 14248 | 14555 |

# US EPA Tune Check Report

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 220 | 0 | 0 | 1 | 0 | 0 |

Integration Time [sec] 0.1

**Resolution/Axis**



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 6124.73 | 8.95 | 8.90 - 9.10 | |
| 24 | 84041.38 | 23.95 | 23.90 - 24.10 | |
| 25 | 11308.67 | 24.95 | 24.90 - 25.10 | |
| 26 | 13166.35 | 25.95 | 25.90 - 26.10 | |
| 59 | 53219.93 | 58.95 | 58.90 - 59.10 | |
| 113 | 10294.33 | 113.00 | 112.90 - 113.10 | |
| 115 | 31745.32 | 115.00 | 114.90 - 115.10 | |
| 206 | 12881.29 | 205.95 | 205.90 - 206.10 | |
| 207 | 10828.78 | 206.95 | 206.90 - 207.10 | |
| 208 | 26752.39 | 207.95 | 207.90 - 208.10 | |
| 220 | | | - | |

| Mass | W-50% | W-5% | W-5% (Required) | W-5% (Flag) |
|---|---|---|---|---|
| 9 | 0.65 | 0.828 | 0.900 | |
| 24 | 0.64 | 0.823 | 0.900 | |
| 25 | 0.64 | 0.863 | 0.900 | |
| 26 | 0.65 | 0.825 | 0.900 | |
| 59 | 0.61 | 0.785 | 0.900 | |
| 113 | 0.55 | 0.774 | 0.900 | |
| 115 | 0.55 | 0.776 | 0.900 | |
| 206 | 0.56 | 0.812 | 0.900 | |
| 207 | 0.54 | 0.819 | 0.900 | |
| 208 | 0.54 | 0.823 | 0.900 | |
| 220 | | | | |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

**Tune Parameters**

**Plasma Parameters**

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.46 L/min

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | -6.0 V | Omega Lens | 11.5 V | Deflect | 14.0 V |
| Extract 2 | -245.0 V | Cell Entrance | -30 V | Plate Bias | -50 V |
| Omega Bias | -110 V | Cell Exit | -50 V | | |

**Cell Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | No | 3rd Gas Flow | --- | Energy Discrimination | 4.0 V |
| He Flow | 0.0 mL/min | OctP Bias | -8.0 V | | |
| H2 Flow | --- | OctP RF | 200 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 122 | Axis Gain | 0.9992 | QP Bias | -4.0 V |
| Mass Offset | 123 | Axis Offset | -0.03 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | 0.4 mm | Torch V | 0.0 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 3.9 mV | Analog HV | 2167 V | Pulse HV | 1179 V |

**[He]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 59 | | 7322 | 73216.27 | | | 0.368 | |
| 89 | | 17004 | 170037.32 | | | 0.308 | |
| 205 | | 16118 | 161183.20 | | | 0.822 | |

| Mass | RSD% (Flag) |
|---|---|
| 59 | |
| 89 | |
| 205 | |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 59 | 7289 | 7298 | 7330 | 7340 | 7351 |
| 89 | 16926 | 16999 | 17006 | 17073 | 17015 |
| 205 | 16005 | 16193 | 16314 | 16018 | 16061 |

Integration Time [sec] 0.1

**Tune Parameters**

**Plasma Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | HMI | Nebulizer Gas | 0.51 L/min | Dilution Gas | 0.46 L/min |
| RF Power | 1600 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp | 2 °C | | |

**Lens Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | -6.0 V | Omega Lens | 11.5 V | Deflect | 3.8 V |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| Extract 2 | -245.0 V | Cell Entrance | -50 V | Plate Bias | -60 V |
| Omega Bias | -110 V | Cell Exit | -70 V | | |

### Cell Parameters

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | Yes | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |
| He Flow | 4.5 mL/min | OctP Bias | -18.0 V | | |
| H2 Flow | --- | OctP RF | 200 V | | |

### QP Parameters

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 122 | Axis Gain | 0.9992 | QP Bias | -13.0 V |
| Mass Offset | 123 | Axis Offset | -0.03 | | |

## Hardware Settings

### Torch

| | | | |
|---|---|---|---|
| Torch H | 0.4 mm | Torch V | 0.0 mm |

### EM

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 3.9 mV | Analog HV | 2167 V | Pulse HV | 1179 V |