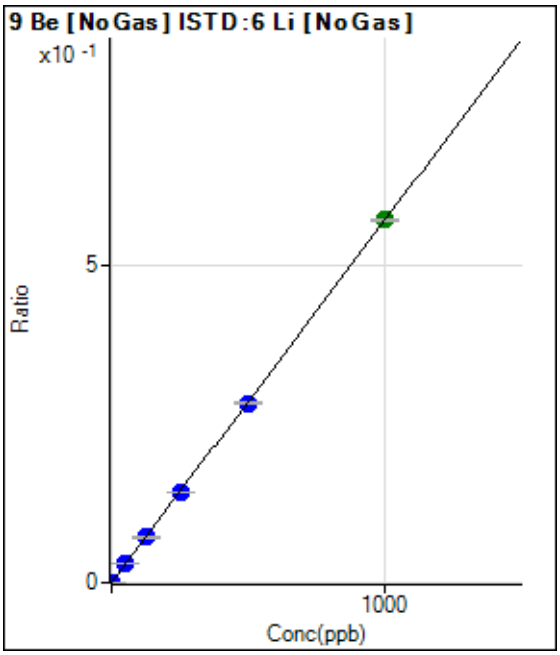
Batch Folder: D:\P8070918- MS .b\
Analysis File: P8070918- MS .batch.bin
DA Date-Time: 2018-07-09 15:15:52
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

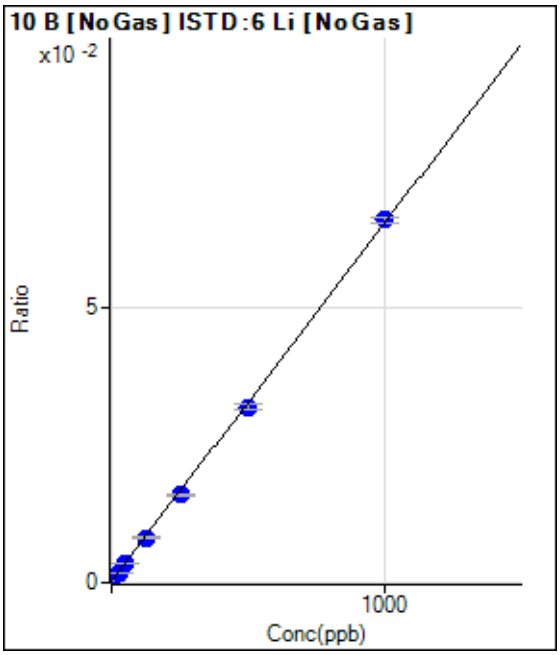
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 003CALB.d | S00 | 2018-07-09 13:32:04 |
| 2 | | | |
| 3 | 005CALS.d | S02 | 2018-07-09 13:39:38 |
| 4 | 006CALS.d | S03 | 2018-07-09 13:43:19 |
| 5 | 007CALS.d | S04 | 2018-07-09 13:47:01 |
| 6 | 008CALS.d | S05 | 2018-07-09 13:50:37 |
| 7 | 009CALS.d | S06 | 2018-07-09 13:54:06 |
| 8 | 010CALS.d | S07 | 2018-07-09 13:57:32 |
| 9 | 011CALS.d | S08 | 2018-07-09 14:00:53 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 148.15 | 0.0001 | P | 4.6 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.008 | 1529.76 | 0.0006 | P | 1.9 |
| 4 | ☐ | 50.000 | 50.600 | 68661.91 | 0.0290 | P | 0.6 |
| 5 | ☐ | 125.000 | 125.457 | 169658.06 | 0.0718 | P | 1.7 |
| 6 | ☐ | 250.000 | 250.215 | 333470.79 | 0.1432 | P | 0.3 |
| 7 | ☐ | 500.000 | 495.563 | 657322.36 | 0.2836 | P | 0.6 |
| 8 | ☐ | 1000.000 | 1002.078 | 1276798.44 | 0.5734 | A | 0.8 |
| 9 | ☐ | | | 548.18 | 0.0002 | P | 10.1 |

y = 5.7215E-004 * x + 6.4147E-005
R = 1.0000
DL = 0.0155
BEC = 0.1121

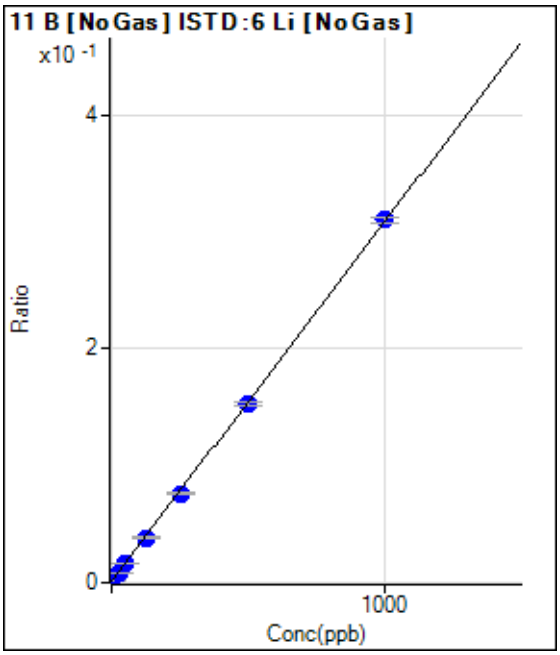
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 669.50 | 0.0003 | P | 21.5 |
| 2 | ☐ | 2.500 | | | | | |
| 3 | ☐ | 25.000 | 21.265 | 4000.74 | 0.0017 | P | 8.5 |
| 4 | ☐ | 50.000 | 50.541 | 8483.43 | 0.0036 | P | 2.5 |
| 5 | ☐ | 125.000 | 121.156 | 19335.89 | 0.0082 | P | 1.9 |
| 6 | ☐ | 250.000 | 241.029 | 37249.13 | 0.0160 | P | 3.5 |
| 7 | ☐ | 500.000 | 486.295 | 74133.52 | 0.0320 | P | 2.7 |
| 8 | ☐ | 1000.000 | 1009.642 | 147192.50 | 0.0661 | P | 1.8 |
| 9 | ☐ | | | 7229.91 | 0.0032 | P | 6.4 |

y = 6.5178E-005 * x + 2.9101E-004
R = 0.9998
DL = 2.874
BEC = 4.465

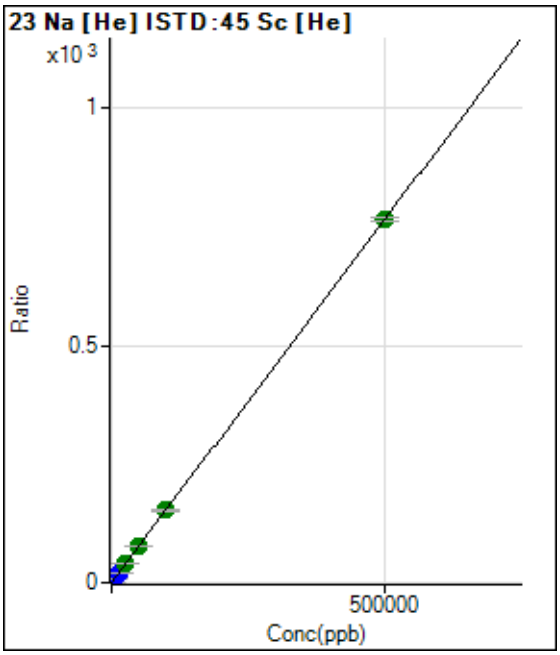
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3156.06 | 0.0014 | P | 7.7 |
| 2 | ☐ | 2.500 | | | | | |
| 3 | ☐ | 25.000 | 23.011 | 20095.34 | 0.0084 | P | 4.1 |
| 4 | ☐ | 50.000 | 48.113 | 38149.10 | 0.0161 | P | 1.7 |
| 5 | ☐ | 125.000 | 121.067 | 90927.31 | 0.0385 | P | 1.8 |
| 6 | ☐ | 250.000 | 243.470 | 177030.75 | 0.0760 | P | 2.0 |
| 7 | ☐ | 500.000 | 492.164 | 353021.27 | 0.1523 | P | 2.5 |
| 8 | ☐ | 1000.000 | 1006.186 | 690277.15 | 0.3100 | P | 1.5 |
| 9 | ☐ | | | 33754.80 | 0.0151 | P | 8.7 |

y = 3.0672E-004 * x + 0.0014
R = 0.9999
DL = 1.024
BEC = 4.446

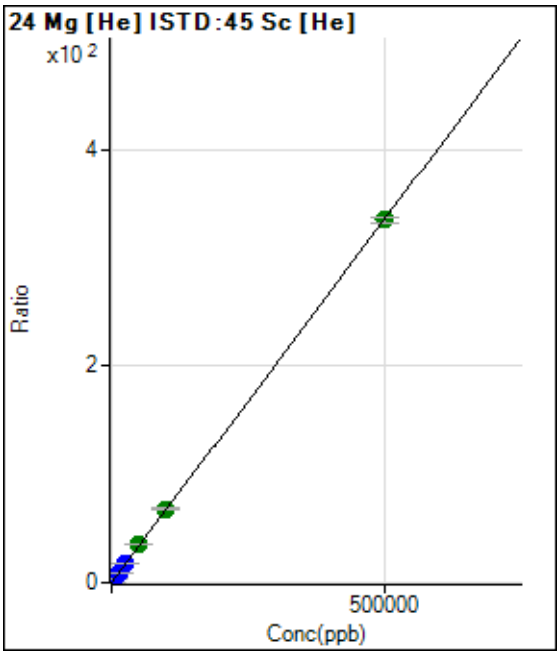
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5604.11 | 0.1262 | P | 4.5 |
| 2 | ☐ | 50.000 | | | | | |
| 3 | ☐ | 500.000 | 516.548 | 39890.24 | 0.9154 | P | 4.4 |
| 4 | ☐ | 5000.000 | 5139.330 | 345492.59 | 7.9782 | P | 3.1 |
| 5 | ☐ | 12500.000 | 12831.679 | 832165.16 | 19.7309 | P | 1.1 |
| 6 | ☐ | 25000.000 | 26120.592 | 1666843.68 | 40.0341 | A | 0.7 |
| 7 | ☐ | 50000.000 | 51006.159 | 3358859.80 | 78.0551 | A | 1.2 |
| 8 | ☐ | 100000.00 | 99355.495 | 6465566.86 | 151.9247 | A | 1.7 |
| 9 | ☐ | 500000.00 | 499962.55 | 33771838.60 | 763.9852 | A | 1.0 |

y = 0.0015 * x + 0.1262
R = 1.0000
DL = 11.13
BEC = 82.6

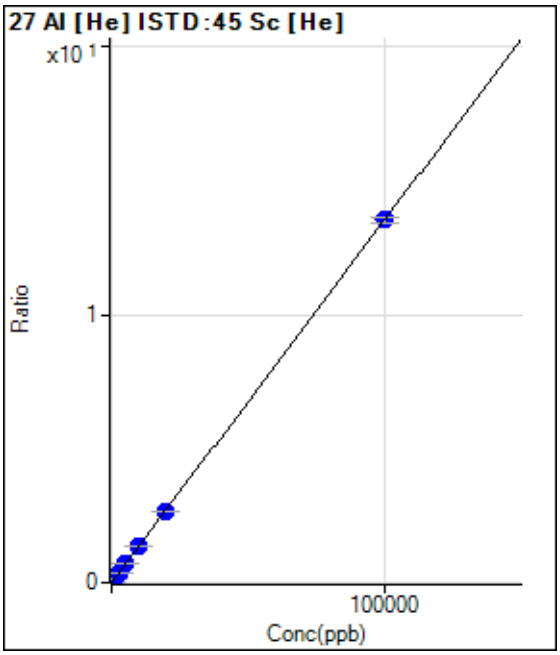
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 266.68 | 0.0060 | P | 21.4 |
| 2 | ☐ | 50.000 | | | | | |
| 3 | ☐ | 500.000 | 505.016 | 15027.89 | 0.3446 | P | 3.0 |
| 4 | ☐ | 5000.000 | 5236.702 | 152347.53 | 3.5175 | P | 2.4 |
| 5 | ☐ | 12500.000 | 12936.437 | 366118.86 | 8.6806 | P | 1.2 |
| 6 | ☐ | 25000.000 | 25952.874 | 724897.06 | 17.4088 | P | 0.3 |
| 7 | ☐ | 50000.000 | 52519.783 | 1515715.79 | 35.2233 | A | 1.3 |
| 8 | ☐ | 100000.00 | 101791.54 | 2904892.15 | 68.2626 | A | 2.2 |
| 9 | ☐ | 500000.00 | 499328.78 | 14800137.49 | 334.8323 | A | 1.6 |

y = 6.7055E-004 * x + 0.0060
R = 1.0000
DL = 5.743
BEC = 8.952

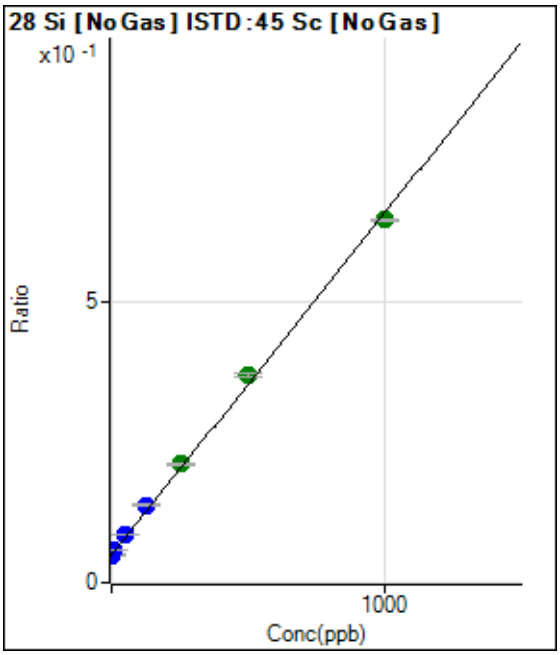
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22.22 | 0.0005 | P | 43.0 |
| 2 | ☐ | 2.000 | | | | | |
| 3 | ☐ | 20.000 | 17.071 | 122.23 | 0.0028 | P | 13.2 |
| 4 | ☐ | 1000.000 | 1038.836 | 6109.95 | 0.1411 | P | 2.5 |
| 5 | ☐ | 2500.000 | 2525.668 | 14432.92 | 0.3422 | P | 2.7 |
| 6 | ☐ | 5000.000 | 5146.549 | 29027.83 | 0.6968 | P | 1.8 |
| 7 | ☐ | 10000.000 | 9963.383 | 58033.52 | 1.3486 | P | 1.1 |
| 8 | ☐ | 20000.000 | 19579.079 | 112771.66 | 2.6496 | P | 1.1 |
| 9 | ☐ | 100000.00 | 100079.48 | 598543.21 | 13.5414 | P | 1.8 |

y = 1.3530E-004 * x + 5.0013E-004
R = 1.0000
DL = 4.764
BEC = 3.696

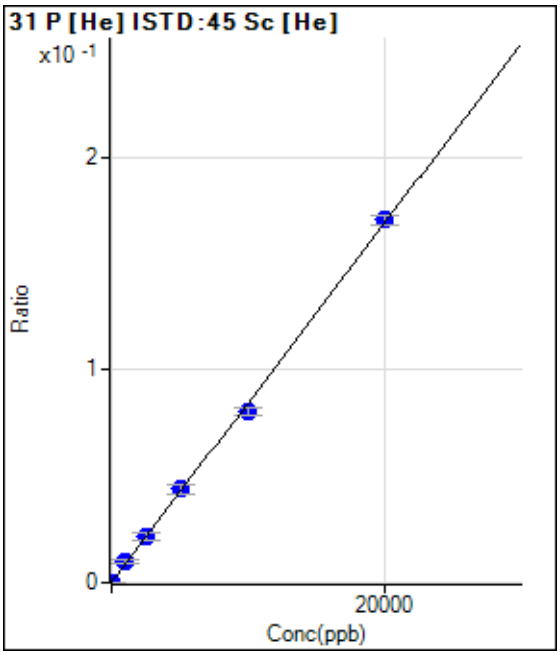
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 297231.48 | 0.0494 | P | 6.4 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 10.000 | 14.775 | 358296.19 | 0.0584 | P | 1.9 |
| 4 | ☐ | 50.000 | 61.133 | 529836.56 | 0.0867 | P | 1.7 |
| 5 | ☐ | 125.000 | 146.837 | 853581.86 | 0.1390 | P | 1.3 |
| 6 | ☐ | 250.000 | 266.090 | 1279284.77 | 0.2117 | A | 2.3 |
| 7 | ☐ | 500.000 | 524.653 | 2225254.43 | 0.3695 | A | 1.6 |
| 8 | ☐ | 1000.000 | 980.317 | 3794808.03 | 0.6475 | A | 0.9 |
| 9 | ☐ | | | 486462.98 | 0.0822 | P | 0.6 |

y = 6.1011E-004 * x + 0.0494
R = 0.9993
DL = 15.45
BEC = 80.92

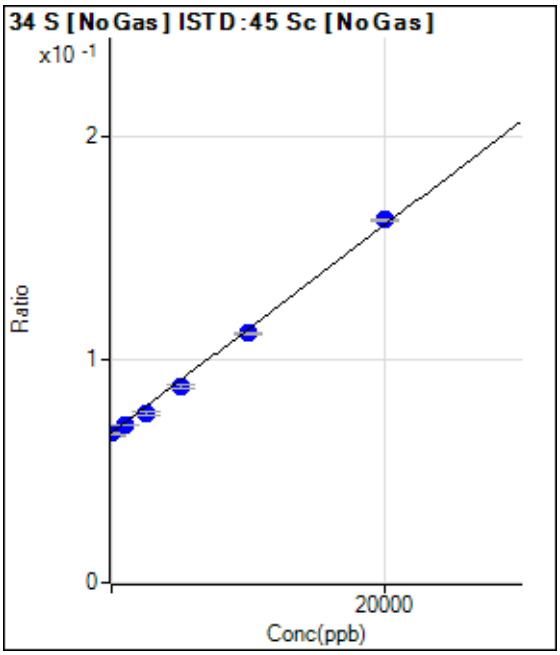
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -3.721 | 5.55 | 0.0001 | P | 86.6 |
| 2 | ☐ | 0.000 | | | | | |
| 3 | ☐ | 0.000 | 3.721 | 8.33 | 0.0002 | P | 101. |
| 4 | ☐ | 1000.000 | 1170.545 | 433.36 | 0.0100 | P | 12.9 |
| 5 | ☐ | 2500.000 | 2575.693 | 922.29 | 0.0219 | P | 16.6 |
| 6 | ☐ | 5000.000 | 5187.224 | 1825.20 | 0.0439 | P | 9.0 |
| 7 | ☐ | 10000.000 | 9504.411 | 3456.15 | 0.0803 | P | 5.1 |
| 8 | ☐ | 20000.000 | 20183.000 | 7252.20 | 0.1704 | P | 2.5 |
| 9 | ☐ | | | 2.78 | 0.0001 | P | 173. |

y = 8.4328E-006 * x + 1.5667E-004
R = 0.9995
DL = 53.18
BEC = 18.58

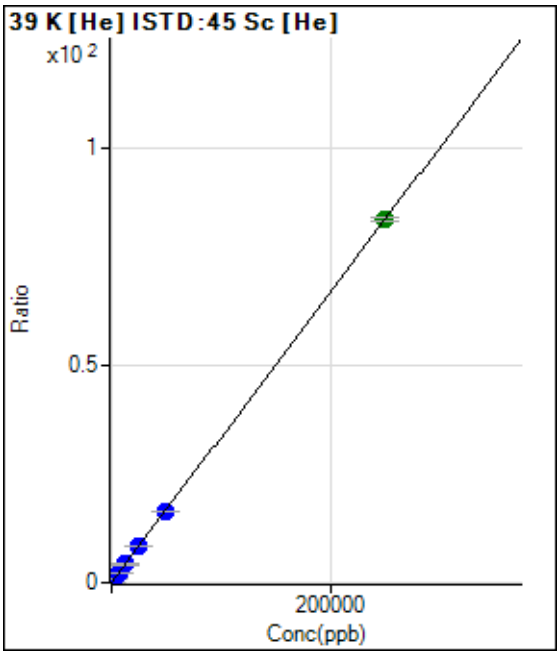
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 87.671 | 407288.87 | 0.0676 | P | 6.3 |
| 2 | ☐ | 0.000 | | | | | |
| 3 | ☐ | 0.000 | -87.671 | 410145.07 | 0.0668 | P | 1.1 |
| 4 | ☐ | 1000.000 | 792.700 | 433659.19 | 0.0709 | P | 0.5 |
| 5 | ☐ | 2500.000 | 1828.199 | 465348.01 | 0.0758 | P | 1.6 |
| 6 | ☐ | 5000.000 | 4397.588 | 530112.71 | 0.0877 | P | 1.5 |
| 7 | ☐ | 10000.000 | 9537.219 | 672595.88 | 0.1117 | P | 1.2 |
| 8 | ☐ | 20000.000 | 20476.334 | 953188.02 | 0.1626 | P | 0.8 |
| 9 | ☐ | | | 368799.27 | 0.0623 | P | 0.7 |

y = 4.6586E-006 * x + 0.0672
R = 0.9988
DL = 1597
BEC = 1.443E+04

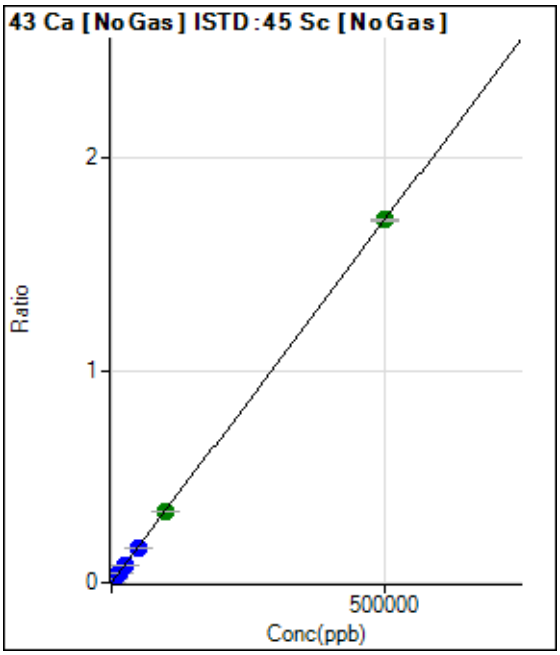
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2247.51 | 0.0506 | P | 2.9 |
| 2 | ☐ | 50.000 | | | | | |
| 3 | ☐ | 500.000 | 478.016 | 9125.64 | 0.2097 | P | 10.3 |
| 4 | ☐ | 2500.000 | 2514.024 | 38445.17 | 0.8874 | P | 1.3 |
| 5 | ☐ | 6250.000 | 6217.587 | 89414.02 | 2.1201 | P | 1.6 |
| 6 | ☐ | 12500.000 | 12519.486 | 175593.68 | 4.2176 | P | 1.3 |
| 7 | ☐ | 25000.000 | 24715.939 | 356179.92 | 8.2770 | P | 1.0 |
| 8 | ☐ | 50000.000 | 48855.609 | 694145.28 | 16.3116 | P | 2.0 |
| 9 | ☐ | 250000.00 | 250257.02 | 3684237.49 | 83.3453 | A | 1.2 |

y = 3.3284E-004 * x + 0.0506
R = 1.0000
DL = 13.1
BEC = 152.1

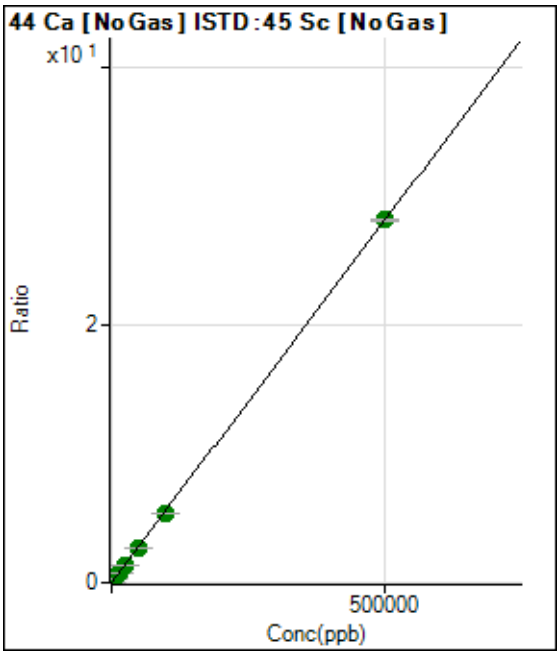
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 488.92 | 0.0001 | P | 20.9 |
| 2 | ☐ | 50.000 | | | | | |
| 3 | ☐ | 500.000 | 473.120 | 10415.45 | 0.0017 | P | 3.2 |
| 4 | ☐ | 5000.000 | 4850.351 | 101762.19 | 0.0166 | P | 0.8 |
| 5 | ☐ | 12500.000 | 11997.593 | 252185.17 | 0.0411 | P | 1.1 |
| 6 | ☐ | 25000.000 | 24253.737 | 500989.87 | 0.0829 | P | 1.7 |
| 7 | ☐ | 50000.000 | 48573.779 | 999537.34 | 0.1660 | P | 1.8 |
| 8 | ☐ | 100000.00 | 98332.201 | 1968601.98 | 0.3359 | A | 1.0 |
| 9 | ☐ | 500000.00 | 500527.57 | 10113918.80 | 1.7094 | A | 0.7 |

y = 3.4150E-006 * x + 8.1524E-005
R = 1.0000
DL = 14.96
BEC = 23.87

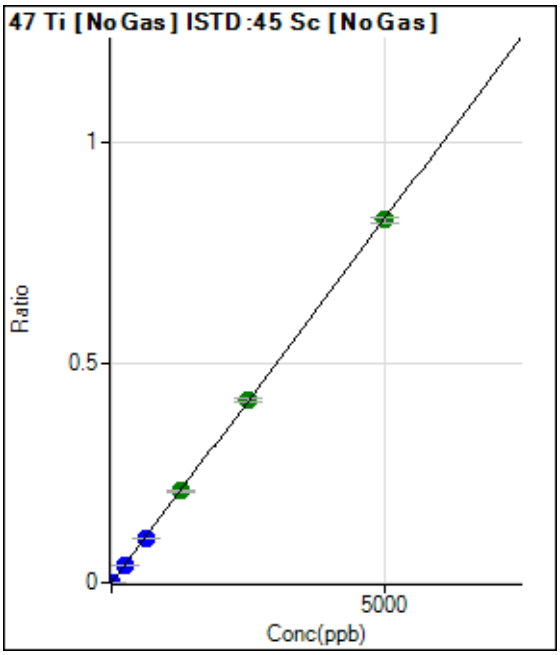
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 19848.20 | 0.0033 | P | 7.8 |
| 2 | ☐ | 50.000 | | | | | |
| 3 | ☐ | 500.000 | 464.427 | 180451.88 | 0.0294 | P | 1.6 |
| 4 | ☐ | 5000.000 | 4895.999 | 1702604.46 | 0.2785 | A | 1.9 |
| 5 | ☐ | 12500.000 | 12022.658 | 4171461.68 | 0.6791 | A | 2.0 |
| 6 | ☐ | 25000.000 | 24013.340 | 8176867.20 | 1.3531 | A | 1.5 |
| 7 | ☐ | 50000.000 | 48013.428 | 16275146.54 | 2.7023 | A | 1.6 |
| 8 | ☐ | 100000.00 | 96160.731 | 31699578.49 | 5.4087 | A | 1.4 |
| 9 | ☐ | 500000.00 | 501028.85 | 166659784.2 | 28.1674 | A | 0.4 |

y = 5.6213E-005 * x + 0.0033
R = 1.0000
DL = 13.72
BEC = 58.68

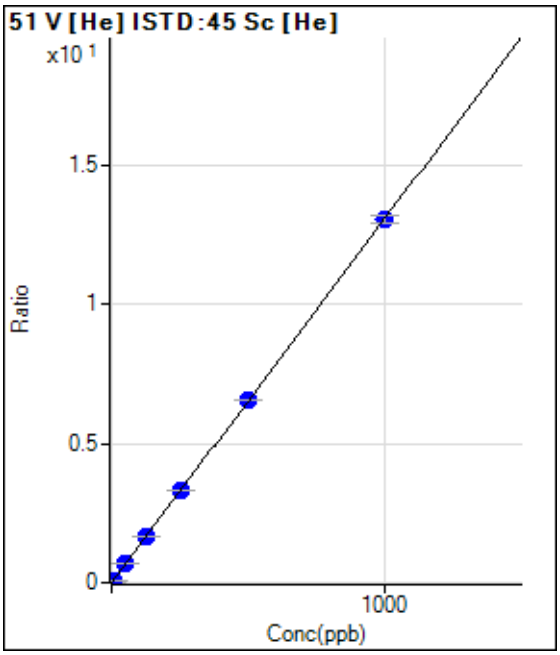
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 136.12 | 0.0000 | P | 13.0 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 4.819 | 5031.69 | 0.0008 | P | 3.2 |
| 4 | ☐ | 250.000 | 249.614 | 252712.88 | 0.0413 | P | 0.7 |
| 5 | ☐ | 625.000 | 615.959 | 626355.91 | 0.1020 | P | 1.4 |
| 6 | ☐ | 1250.000 | 1264.051 | 1264272.29 | 0.2092 | A | 2.0 |
| 7 | ☐ | 2500.000 | 2519.351 | 2511416.74 | 0.4170 | A | 1.8 |
| 8 | ☐ | 5000.000 | 4987.961 | 4838453.02 | 0.8256 | A | 1.6 |
| 9 | ☐ | | | 2769.84 | 0.0005 | P | 6.7 |

y = 1.6551E-004 * x + 2.2434E-005
R = 1.0000
DL = 0.05279
BEC = 0.1355

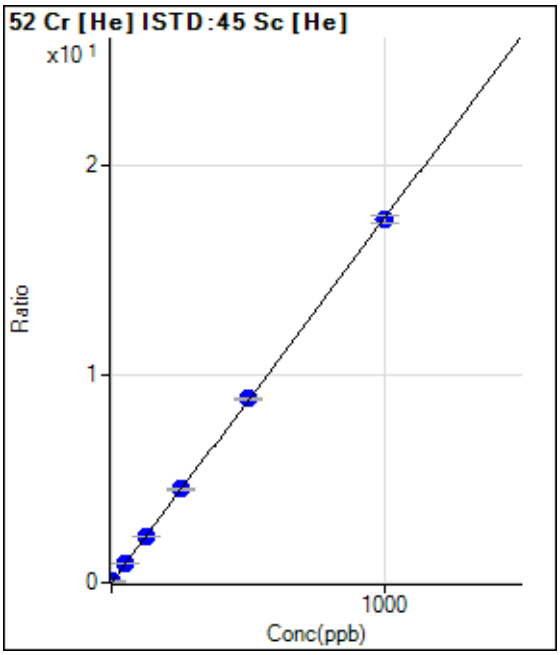
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 10.00 | 0.0002 | P | 0.7 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 4.869 | 2779.22 | 0.0638 | P | 4.7 |
| 4 | ☐ | 50.000 | 51.019 | 28842.14 | 0.6659 | P | 2.1 |
| 5 | ☐ | 125.000 | 125.887 | 69281.55 | 1.6427 | P | 1.3 |
| 6 | ☐ | 250.000 | 253.701 | 137813.83 | 3.3103 | P | 1.2 |
| 7 | ☐ | 500.000 | 502.296 | 282036.72 | 6.5539 | P | 0.8 |
| 8 | ☐ | 1000.000 | 997.766 | 553988.04 | 13.0184 | P | 2.3 |
| 9 | ☐ | | | 193.34 | 0.0044 | P | 12.9 |

y = 0.0130 * x + 2.2524E-004
R = 1.0000
DL = 0.0003599
BEC = 0.01726

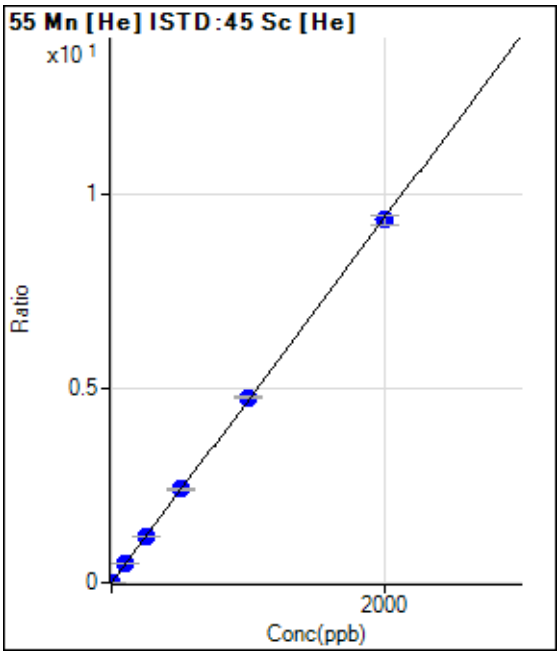
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 325.56 | 0.0073 | P | 14.4 |
| 2 | ☐ | 0.200 | | | | | |
| 3 | ☐ | 2.000 | 2.254 | 2033.53 | 0.0468 | P | 12.8 |
| 4 | ☐ | 50.000 | 51.787 | 39557.05 | 0.9133 | P | 2.4 |
| 5 | ☐ | 125.000 | 127.073 | 94079.11 | 2.2304 | P | 0.9 |
| 6 | ☐ | 250.000 | 256.970 | 187464.98 | 4.5028 | P | 1.5 |
| 7 | ☐ | 500.000 | 504.309 | 379977.77 | 8.8298 | P | 0.8 |
| 8 | ☐ | 1000.000 | 995.754 | 741613.93 | 17.4273 | P | 2.2 |
| 9 | ☐ | | | 29719.50 | 0.6724 | P | 2.0 |

y = 0.0175 * x + 0.0073
R = 1.0000
DL = 0.1809
BEC = 0.4194

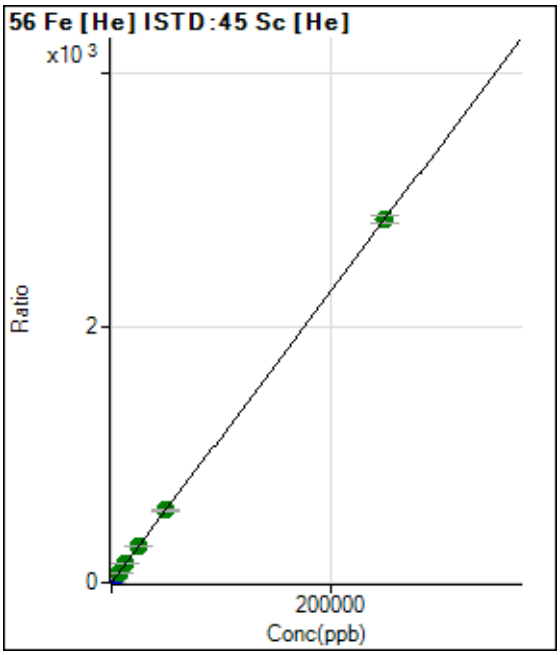
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 32.22 | 0.0007 | P | 21.0 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.063 | 248.90 | 0.0057 | P | 15.8 |
| 4 | ☐ | 100.000 | 105.092 | 21434.45 | 0.4949 | P | 2.4 |
| 5 | ☐ | 250.000 | 255.863 | 50774.38 | 1.2039 | P | 1.2 |
| 6 | ☐ | 500.000 | 512.676 | 100404.54 | 2.4115 | P | 0.6 |
| 7 | ☐ | 1000.000 | 1013.639 | 205142.79 | 4.7671 | P | 0.9 |
| 8 | ☐ | 2000.000 | 1989.024 | 398026.03 | 9.3537 | P | 2.4 |
| 9 | ☐ | | | 1919.06 | 0.0434 | P | 4.5 |

y = 0.0047 * x + 7.2524E-004
R = 0.9999
DL = 0.09722
BEC = 0.1542

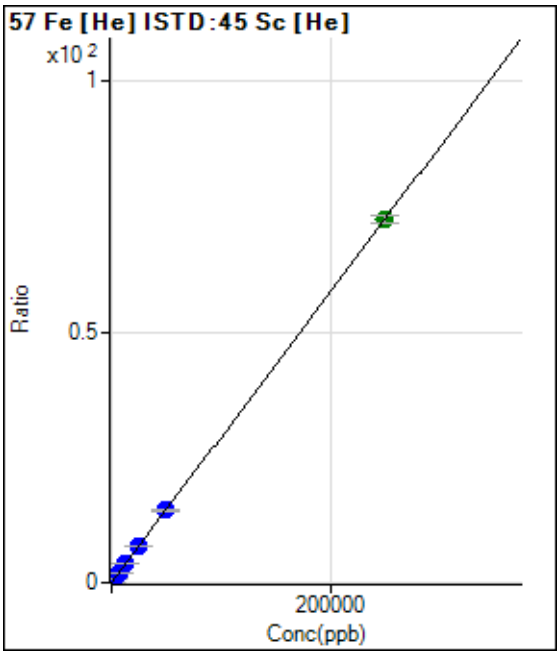
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1074.16 | 0.0242 | P | 8.1 |
| 2 | ☐ | 5.000 | | | | | |
| 3 | ☐ | 50.000 | 54.257 | 27916.83 | 0.6415 | P | 9.2 |
| 4 | ☐ | 2500.000 | 2630.655 | 1297377.21 | 29.9543 | P | 2.3 |
| 5 | ☐ | 6250.000 | 6614.490 | 3175141.56 | 75.2800 | A | 0.9 |
| 6 | ☐ | 12500.000 | 13080.257 | 6196907.95 | 148.8437 | A | 1.2 |
| 7 | ☐ | 25000.000 | 25539.847 | 12505266.72 | 290.6017 | A | 1.2 |
| 8 | ☐ | 50000.000 | 50252.813 | 24330808.18 | 571.7715 | A | 2.4 |
| 9 | ☐ | 250000.00 | 249856.02 | 125649606.5 | 2,842.740 | A | 2.0 |

y = 0.0114 * x + 0.0242
R = 1.0000
DL = 0.5162
BEC = 2.126

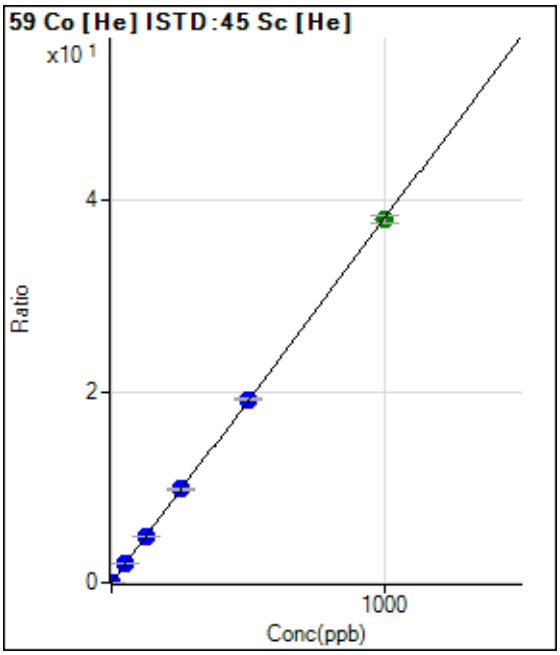
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 29.63 | 0.0007 | P | 57.1 |
| 2 | ☐ | 5.000 | | | | | |
| 3 | ☐ | 50.000 | 59.237 | 775.97 | 0.0178 | P | 8.2 |
| 4 | ☐ | 2500.000 | 2576.452 | 32356.56 | 0.7470 | P | 1.7 |
| 5 | ☐ | 6250.000 | 6386.175 | 78047.50 | 1.8505 | P | 1.0 |
| 6 | ☐ | 12500.000 | 12918.339 | 155834.98 | 3.7426 | P | 0.7 |
| 7 | ☐ | 25000.000 | 25465.972 | 317473.30 | 7.3771 | P | 0.5 |
| 8 | ☐ | 50000.000 | 49901.645 | 615101.01 | 14.4551 | P | 2.5 |
| 9 | ☐ | 250000.00 | 249947.98 | 3200148.07 | 72.4003 | A | 2.0 |

y = 2.8966E-004 * x + 6.6755E-004
R = 1.0000
DL = 3.951
BEC = 2.305

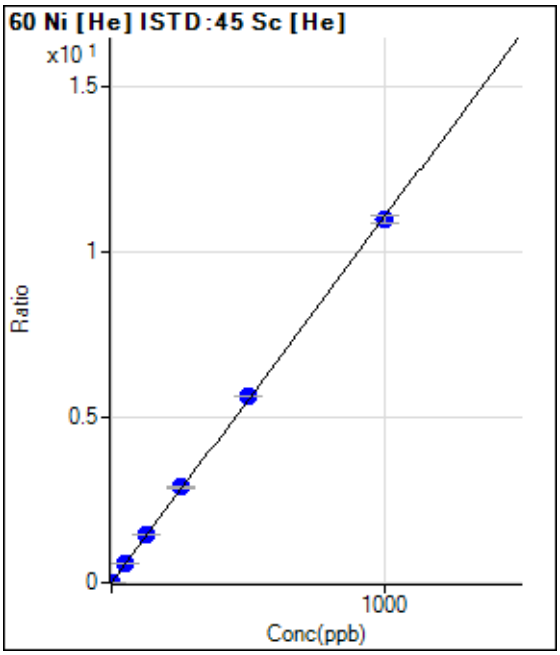
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 100.00 | 0.0023 | P | 19.9 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.025 | 1802.37 | 0.0413 | P | 0.8 |
| 4 | ☐ | 50.000 | 51.725 | 85426.58 | 1.9720 | P | 1.6 |
| 5 | ☐ | 125.000 | 128.023 | 205726.41 | 4.8775 | P | 0.3 |
| 6 | ☐ | 250.000 | 256.973 | 407526.81 | 9.7881 | P | 1.2 |
| 7 | ☐ | 500.000 | 503.638 | 825450.66 | 19.1813 | P | 0.6 |
| 8 | ☐ | 1000.000 | 995.974 | 1614204.65 | 37.9300 | A | 2.1 |
| 9 | ☐ | | | 20294.98 | 0.4592 | P | 1.8 |

y = 0.0381 * x + 0.0023
R = 1.0000
DL = 0.03535
BEC = 0.05912

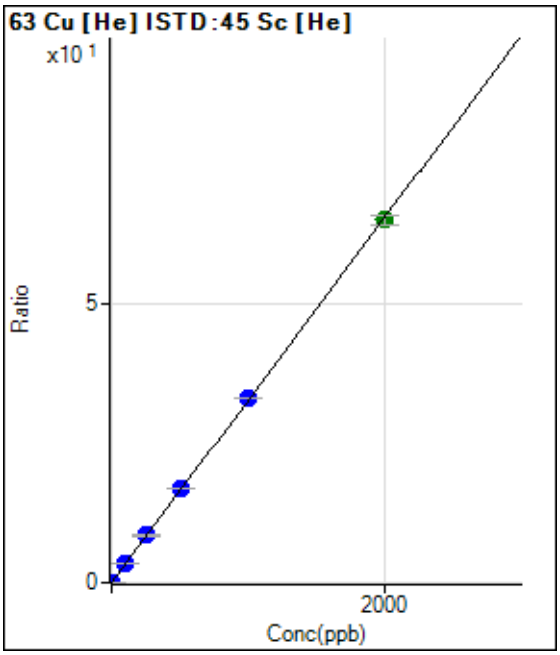
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 120.00 | 0.0027 | P | 22.2 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.160 | 676.70 | 0.0155 | P | 5.5 |
| 4 | ☐ | 50.000 | 52.871 | 25420.06 | 0.5870 | P | 3.5 |
| 5 | ☐ | 125.000 | 130.363 | 60879.40 | 1.4434 | P | 1.5 |
| 6 | ☐ | 250.000 | 261.166 | 120304.91 | 2.8890 | P | 1.2 |
| 7 | ☐ | 500.000 | 509.588 | 242464.74 | 5.6344 | P | 0.9 |
| 8 | ☐ | 1000.000 | 991.600 | 466456.17 | 10.9614 | P | 2.2 |
| 9 | ☐ | | | 15695.68 | 0.3551 | P | 1.7 |

y = 0.0111 * x + 0.0027
R = 0.9999
DL = 0.1624
BEC = 0.2443

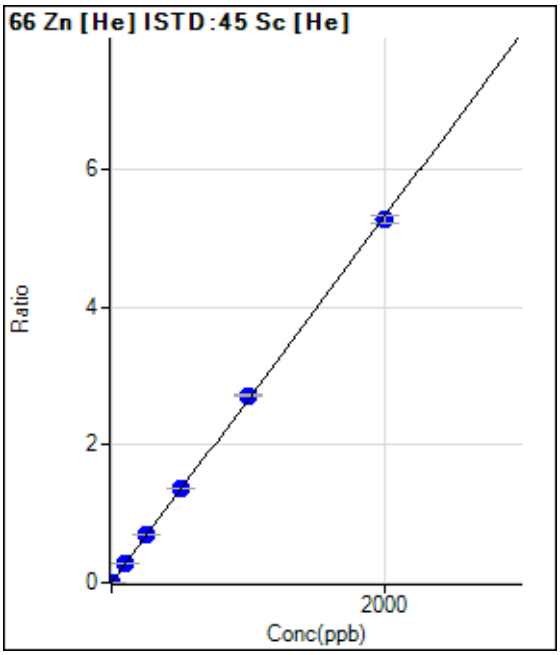
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 354.46 | 0.0080 | P | 7.8 |
| 2 | ☐ | 0.200 | | | | | |
| 3 | ☐ | 2.000 | 2.175 | 3447.15 | 0.0791 | P | 3.5 |
| 4 | ☐ | 100.000 | 104.692 | 148492.64 | 3.4286 | P | 2.5 |
| 5 | ☐ | 250.000 | 258.152 | 356072.57 | 8.4426 | P | 1.2 |
| 6 | ☐ | 500.000 | 517.785 | 704682.76 | 16.9257 | P | 1.0 |
| 7 | ☐ | 1000.000 | 1011.448 | 1422470.10 | 33.0552 | P | 0.8 |
| 8 | ☐ | 2000.000 | 1988.576 | 2765078.99 | 64.9811 | A | 2.6 |
| 9 | ☐ | | | 5002.09 | 0.1132 | P | 3.1 |

y = 0.0327 * x + 0.0080
R = 0.9999
DL = 0.05703
BEC = 0.2444

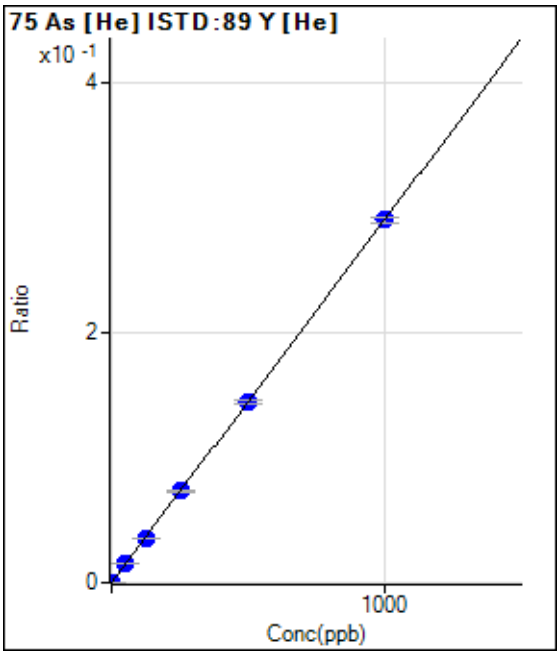
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 96.67 | 0.0022 | P | 26.7 |
| 2 | ☐ | 0.200 | | | | | |
| 3 | ☐ | 2.000 | 1.873 | 311.12 | 0.0072 | P | 14.7 |
| 4 | ☐ | 100.000 | 106.108 | 12314.53 | 0.2843 | P | 3.0 |
| 5 | ☐ | 250.000 | 261.647 | 29434.78 | 0.6979 | P | 1.2 |
| 6 | ☐ | 500.000 | 518.045 | 57446.33 | 1.3796 | P | 0.2 |
| 7 | ☐ | 1000.000 | 1023.417 | 117194.12 | 2.7233 | P | 0.7 |
| 8 | ☐ | 2000.000 | 1982.019 | 224350.43 | 5.2721 | P | 2.3 |
| 9 | ☐ | | | 1723.47 | 0.0390 | P | 4.9 |

y = 0.0027 * x + 0.0022
R = 0.9998
DL = 0.6567
BEC = 0.8198

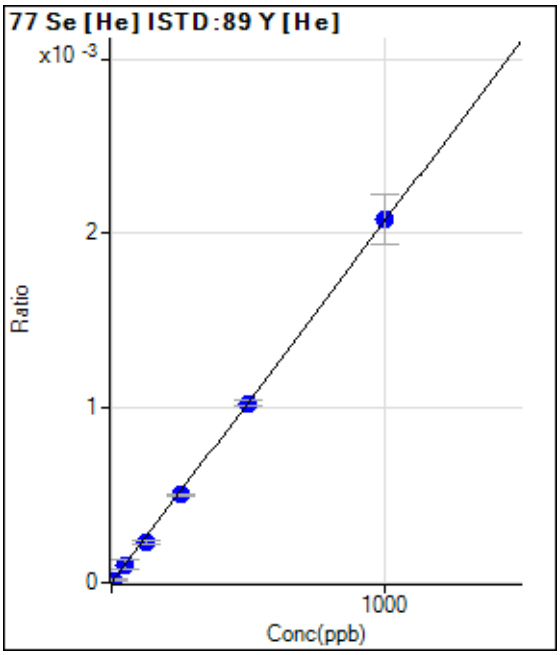
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4.32 | 0.0000 | P | 24.4 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.160 | 101.85 | 0.0004 | P | 18.0 |
| 4 | ☐ | 50.000 | 51.619 | 4288.98 | 0.0150 | P | 4.7 |
| 5 | ☐ | 125.000 | 123.413 | 10029.04 | 0.0359 | P | 1.5 |
| 6 | ☐ | 250.000 | 252.771 | 20006.55 | 0.0734 | P | 1.9 |
| 7 | ☐ | 500.000 | 498.202 | 41026.69 | 0.1447 | P | 1.5 |
| 8 | ☐ | 1000.000 | 1000.323 | 80350.29 | 0.2906 | P | 1.6 |
| 9 | ☐ | | | 138.27 | 0.0005 | P | 4.5 |

y = 2.9051E-004 * x + 1.4749E-005
R = 1.0000
DL = 0.03715
BEC = 0.05077

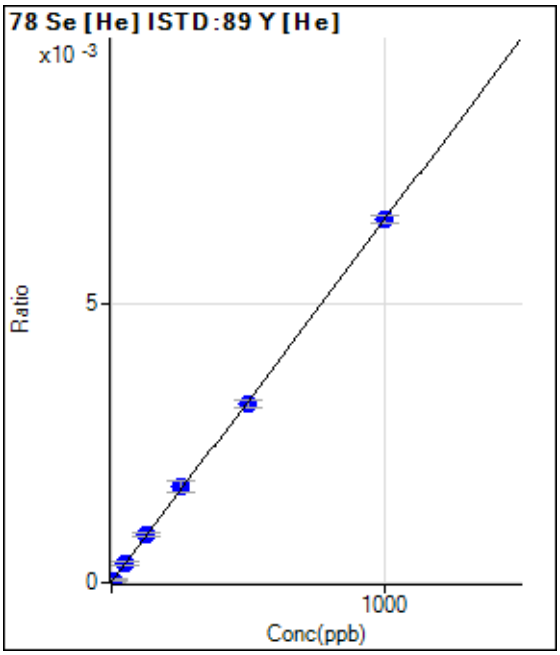
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 5.465 | 3.33 | 0.0000 | P | 99.8 |
| 4 | ☐ | 50.000 | 48.667 | 28.89 | 0.0001 | P | 51.9 |
| 5 | ☐ | 125.000 | 113.342 | 65.56 | 0.0002 | P | 9.6 |
| 6 | ☐ | 250.000 | 242.646 | 136.67 | 0.0005 | P | 3.5 |
| 7 | ☐ | 500.000 | 496.876 | 291.12 | 0.0010 | P | 3.6 |
| 8 | ☐ | 1000.000 | 1004.922 | 574.47 | 0.0021 | P | 13.9 |
| 9 | ☐ | | | 1.11 | 0.0000 | P | 173. |

y = 2.0675E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

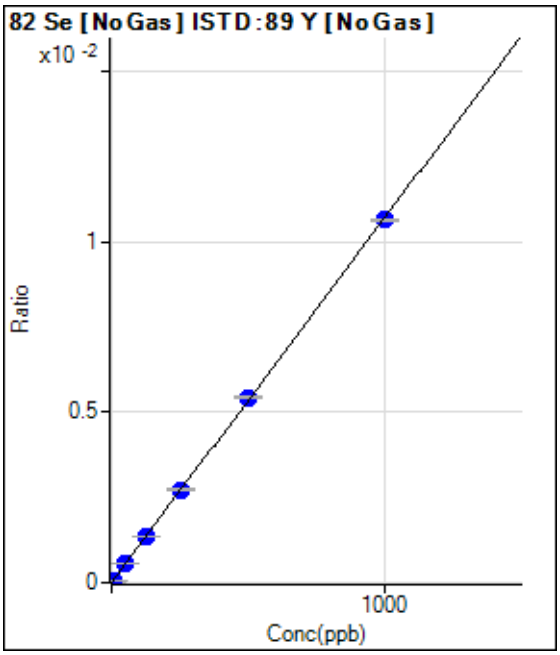
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2.47 | 0.0000 | P | 86.6 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 5.916 | 13.58 | 0.0000 | P | 46.5 |
| 4 | ☐ | 50.000 | 50.500 | 96.30 | 0.0003 | P | 21.9 |
| 5 | ☐ | 125.000 | 133.237 | 245.07 | 0.0009 | P | 7.6 |
| 6 | ☐ | 250.000 | 264.137 | 471.00 | 0.0017 | P | 10.6 |
| 7 | ☐ | 500.000 | 491.444 | 910.53 | 0.0032 | P | 5.1 |
| 8 | ☐ | 1000.000 | 999.685 | 1803.84 | 0.0065 | P | 2.2 |
| 9 | ☐ | | | 3.08 | 0.0000 | P | 34.9 |

y = 6.5180E-006 * x + 8.3956E-006
R = 0.9998
DL = 3.347
BEC = 1.288

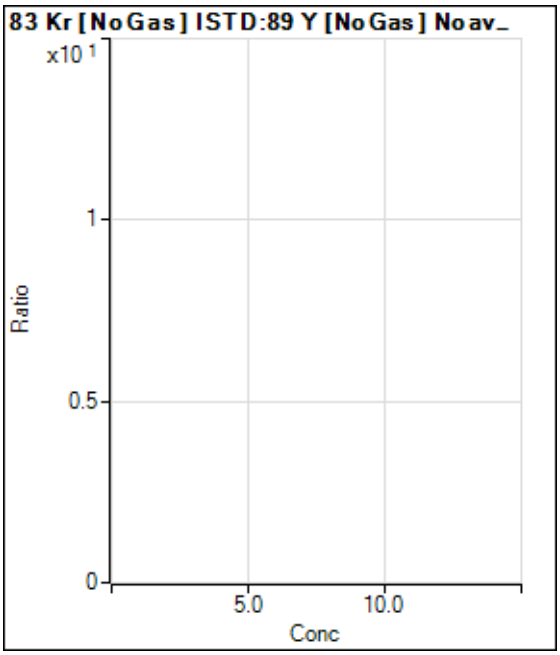
Weight: <None>
Min Conc: 0



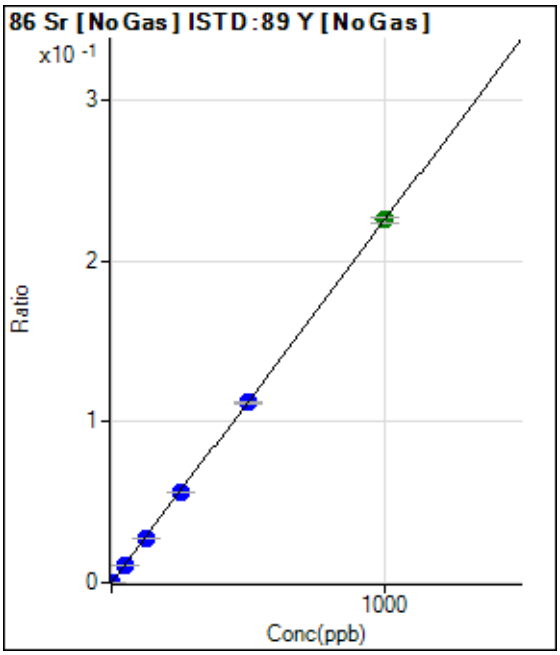

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 56.63 | 0.0000 | P | 84.6 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 4.269 | 521.38 | 0.0001 | P | 8.2 |
| 4 | ☐ | 50.000 | 50.648 | 5584.89 | 0.0005 | P | 0.8 |
| 5 | ☐ | 125.000 | 126.703 | 13882.62 | 0.0014 | P | 1.0 |
| 6 | ☐ | 250.000 | 254.362 | 27512.96 | 0.0027 | P | 1.0 |
| 7 | ☐ | 500.000 | 506.807 | 54744.60 | 0.0054 | P | 1.1 |
| 8 | ☐ | 1000.000 | 995.264 | 104807.35 | 0.0106 | P | 0.9 |
| 9 | ☐ | | | 90.94 | 0.0000 | P | 31.0 |

y = 1.0681E-005 * x + 5.6483E-006
R = 1.0000
DL = 1.343
BEC = 0.5288

Weight: <None>
Min Conc: 0



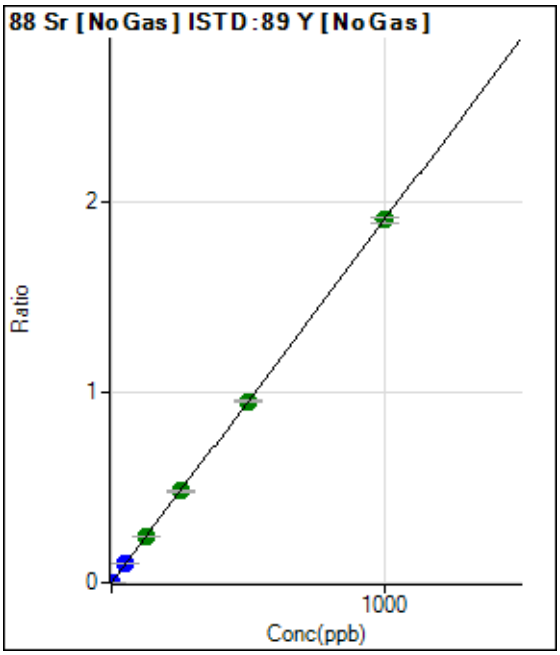

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 280.01 | 0.0000 | P | 11.6 |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 347.79 | 0.0000 | P | 5.5 |
| 4 | ☐ | | | 352.23 | 0.0000 | P | 10.8 |
| 5 | ☐ | | | 314.46 | 0.0000 | P | 5.4 |
| 6 | ☐ | | | 334.46 | 0.0000 | P | 8.3 |
| 7 | ☐ | | | 335.57 | 0.0000 | P | 4.0 |
| 8 | ☐ | | | 348.90 | 0.0000 | P | 13.8 |
| 9 | ☐ | | | 333.35 | 0.0000 | P | 11.5 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 522.26 | 0.0001 | P | 22.1 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.986 | 2792.10 | 0.0003 | P | 2.7 |
| 4 | ☐ | 50.000 | 49.543 | 114412.52 | 0.0112 | P | 0.4 |
| 5 | ☐ | 125.000 | 123.310 | 283923.59 | 0.0278 | P | 1.1 |
| 6 | ☐ | 250.000 | 248.756 | 566086.65 | 0.0560 | P | 0.3 |
| 7 | ☐ | 500.000 | 498.437 | 1133330.53 | 0.1122 | P | 1.2 |
| 8 | ☐ | 1000.000 | 1001.327 | 2220120.88 | 0.2253 | A | 1.6 |
| 9 | ☐ | | | 10660.17 | 0.0011 | P | 1.5 |

y = 2.2496E-004 * x + 5.2614E-005
R = 1.0000
DL = 0.1549
BEC = 0.2339

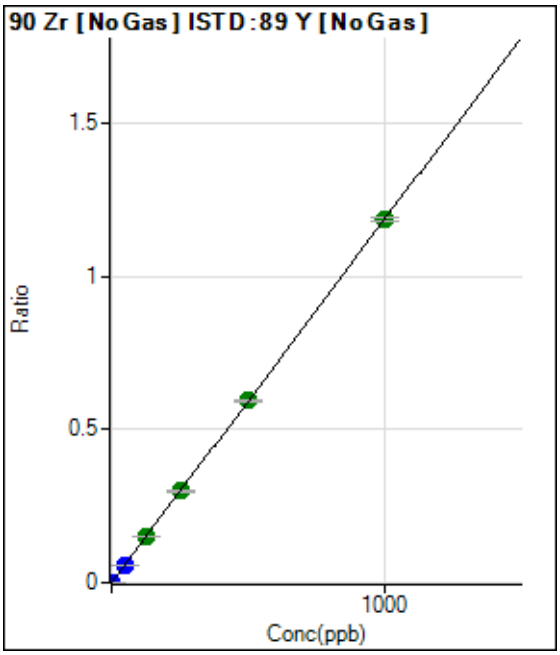
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 130.56 | 0.0000 | P | 54.2 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.022 | 19937.52 | 0.0020 | P | 0.3 |
| 4 | ☐ | 50.000 | 50.674 | 985632.41 | 0.0965 | P | 0.9 |
| 5 | ☐ | 125.000 | 127.061 | 2470794.43 | 0.2419 | A | 1.1 |
| 6 | ☐ | 250.000 | 251.706 | 4842209.01 | 0.4791 | A | 0.1 |
| 7 | ☐ | 500.000 | 499.147 | 9598640.15 | 0.9501 | A | 1.0 |
| 8 | ☐ | 1000.000 | 999.708 | 18750035.84 | 1.9029 | A | 1.6 |
| 9 | ☐ | | | 87138.93 | 0.0089 | P | 0.1 |

y = 0.0019 * x + 1.3315E-005
R = 1.0000
DL = 0.01137
BEC = 0.006996

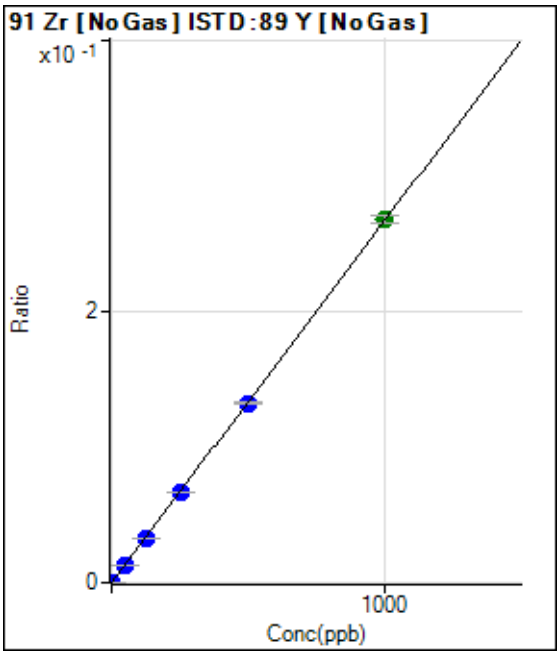
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 866.73 | 0.0001 | P | 7.5 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.100 | 14157.85 | 0.0014 | P | 4.0 |
| 4 | ☐ | 50.000 | 49.839 | 604677.49 | 0.0592 | P | 0.6 |
| 5 | ☐ | 125.000 | 126.593 | 1534345.85 | 0.1502 | A | 0.6 |
| 6 | ☐ | 250.000 | 251.709 | 3017172.46 | 0.2985 | A | 1.1 |
| 7 | ☐ | 500.000 | 500.968 | 6001949.96 | 0.5941 | A | 1.1 |
| 8 | ☐ | 1000.000 | 998.898 | 11671969.10 | 1.1845 | A | 1.2 |
| 9 | ☐ | | | 3408.91 | 0.0003 | P | 6.4 |

y = 0.0012 * x + 8.6846E-005
R = 1.0000
DL = 0.01648
BEC = 0.07324

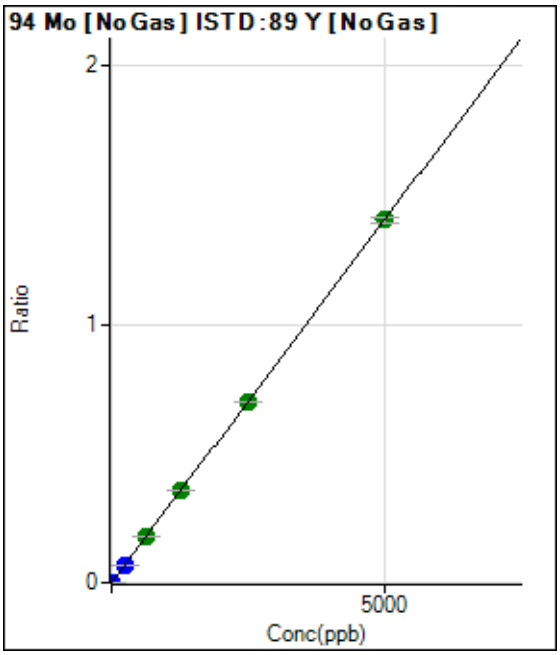
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 152.79 | 0.0000 | P | 35.9 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.108 | 3161.63 | 0.0003 | P | 12.3 |
| 4 | ☐ | 50.000 | 49.203 | 134242.84 | 0.0131 | P | 0.8 |
| 5 | ☐ | 125.000 | 122.418 | 333716.71 | 0.0327 | P | 0.5 |
| 6 | ☐ | 250.000 | 248.277 | 669391.77 | 0.0662 | P | 0.8 |
| 7 | ☐ | 500.000 | 495.210 | 1334538.05 | 0.1321 | P | 1.0 |
| 8 | ☐ | 1000.000 | 1003.188 | 2636525.41 | 0.2676 | A | 2.3 |
| 9 | ☐ | | | 772.28 | 0.0001 | P | 20.3 |

y = 2.6672E-004 * x + 1.5130E-005
R = 1.0000
DL = 0.06113
BEC = 0.05673

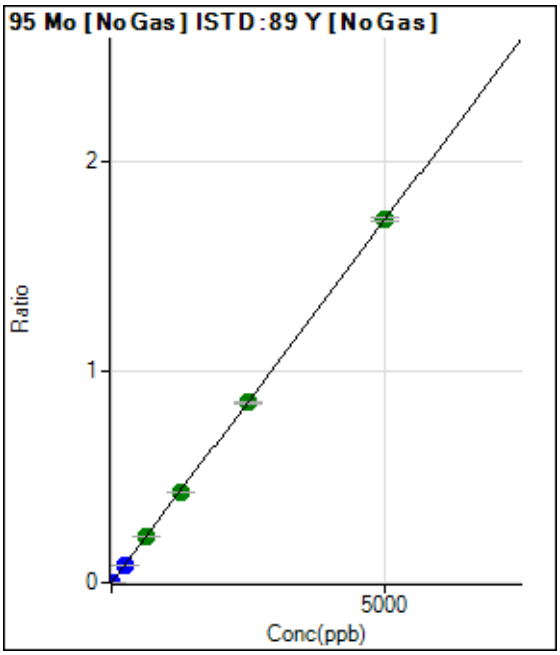
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 530.59 | 0.0001 | P | 27.5 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 5.020 | 14892.11 | 0.0015 | P | 1.9 |
| 4 | ☐ | 250.000 | 249.783 | 717445.46 | 0.0702 | P | 0.3 |
| 5 | ☐ | 625.000 | 632.843 | 1816606.83 | 0.1778 | A | 0.5 |
| 6 | ☐ | 1250.000 | 1263.983 | 3588889.01 | 0.3551 | A | 0.2 |
| 7 | ☐ | 2500.000 | 2490.332 | 7067907.27 | 0.6996 | A | 0.5 |
| 8 | ☐ | 5000.000 | 5000.369 | 13841051.70 | 1.4047 | A | 1.4 |
| 9 | ☐ | | | 19284.00 | 0.0020 | P | 3.3 |

y = 2.8090E-004 * x + 5.3452E-005
R = 1.0000
DL = 0.1571
BEC = 0.1903

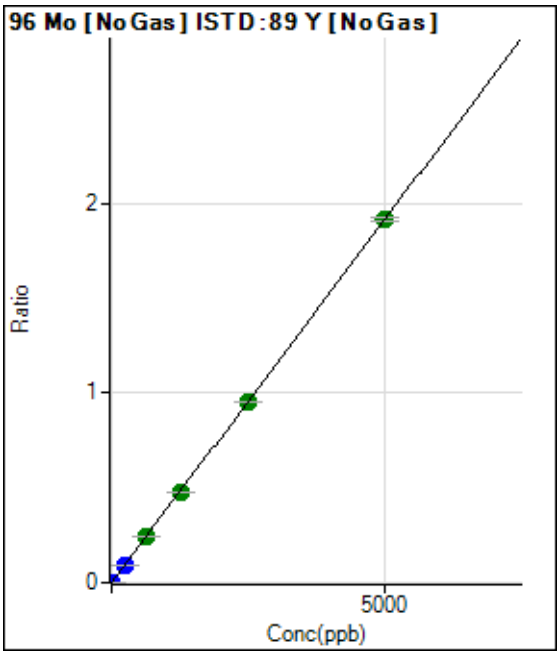
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 294.46 | 0.0000 | P | 10.2 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 4.850 | 17264.40 | 0.0017 | P | 1.2 |
| 4 | ☐ | 250.000 | 249.213 | 875569.50 | 0.0857 | P | 0.8 |
| 5 | ☐ | 625.000 | 631.112 | 2216535.34 | 0.2170 | A | 1.0 |
| 6 | ☐ | 1250.000 | 1251.852 | 4349363.51 | 0.4304 | A | 0.3 |
| 7 | ☐ | 2500.000 | 2484.672 | 8629062.52 | 0.8541 | A | 0.9 |
| 8 | ☐ | 5000.000 | 5006.477 | 16958704.89 | 1.7210 | A | 1.0 |
| 9 | ☐ | | | 31055.98 | 0.0032 | P | 1.7 |

y = 3.4375E-004 * x + 2.9515E-005
R = 1.0000
DL = 0.02624
BEC = 0.08586

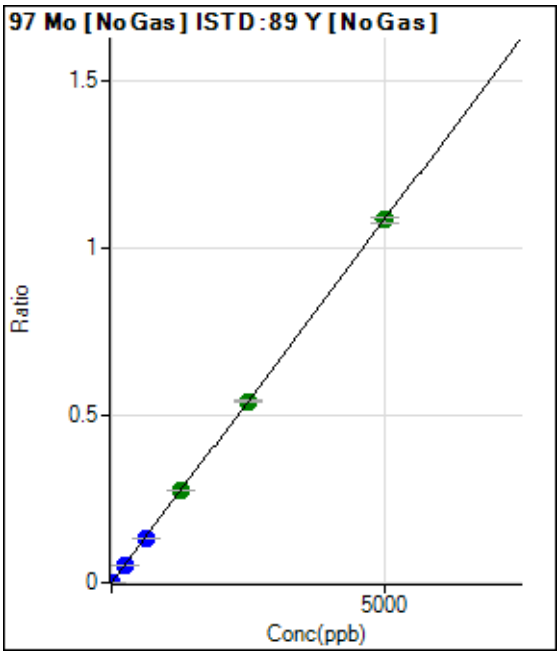
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 405.58 | 0.0000 | P | 27.6 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 4.901 | 19473.06 | 0.0019 | P | 2.3 |
| 4 | ☐ | 250.000 | 250.465 | 978401.26 | 0.0958 | P | 0.8 |
| 5 | ☐ | 625.000 | 634.910 | 2479114.12 | 0.2427 | A | 1.5 |
| 6 | ☐ | 1250.000 | 1254.654 | 4846211.14 | 0.4795 | A | 0.4 |
| 7 | ☐ | 2500.000 | 2494.705 | 9632597.87 | 0.9534 | A | 0.3 |
| 8 | ☐ | 5000.000 | 5000.222 | 18830306.85 | 1.9110 | A | 1.2 |
| 9 | ☐ | | | 35647.86 | 0.0036 | P | 2.0 |

y = 3.8217E-004 * x + 4.1000E-005
R = 1.0000
DL = 0.08883
BEC = 0.1073

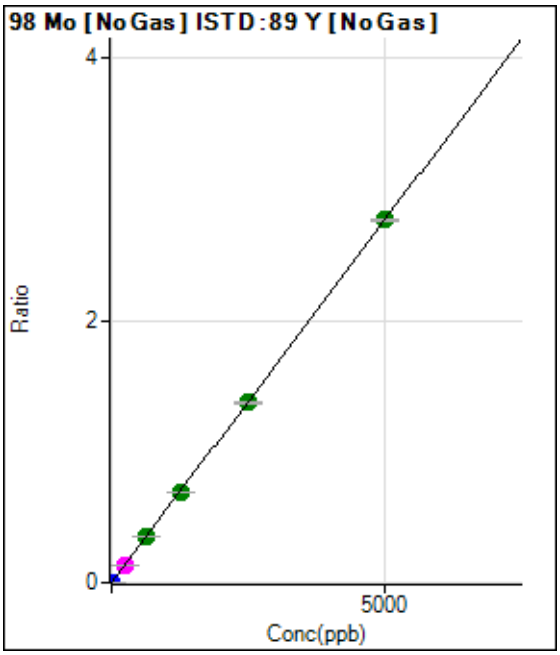
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 241.68 | 0.0000 | P | 42.0 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 4.977 | 11241.21 | 0.0011 | P | 0.3 |
| 4 | ☐ | 250.000 | 246.571 | 547002.20 | 0.0535 | P | 1.1 |
| 5 | ☐ | 625.000 | 619.042 | 1372759.73 | 0.1344 | P | 0.6 |
| 6 | ☐ | 1250.000 | 1278.460 | 2804463.48 | 0.2775 | A | 0.1 |
| 7 | ☐ | 2500.000 | 2494.777 | 5470416.44 | 0.5415 | A | 0.7 |
| 8 | ☐ | 5000.000 | 4996.413 | 10685526.02 | 1.0844 | A | 1.3 |
| 9 | ☐ | | | 19826.39 | 0.0020 | P | 0.4 |

y = 2.1703E-004 * x + 2.4591E-005
R = 1.0000
DL = 0.1427
BEC = 0.1133

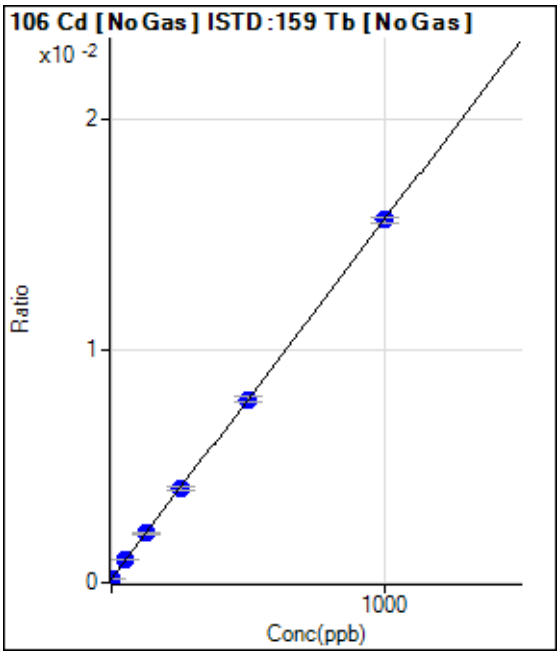
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 436.14 | 0.0000 | P | 19.5 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 4.896 | 27963.22 | 0.0027 | P | 0.9 |
| 4 | ☐ | 250.000 | 249.144 | 1406686.00 | 0.1377 | M | 1.7 |
| 5 | ☐ | 625.000 | 628.311 | 3546364.53 | 0.3472 | A | 1.2 |
| 6 | ☐ | 1250.000 | 1248.016 | 6968482.44 | 0.6895 | A | 0.1 |
| 7 | ☐ | 2500.000 | 2485.865 | 13874596.49 | 1.3733 | A | 0.9 |
| 8 | ☐ | 5000.000 | 5007.193 | 27259454.43 | 2.7662 | A | 0.7 |
| 9 | ☐ | | | 50849.10 | 0.0052 | P | 2.3 |

y = 5.5245E-004 * x + 4.3413E-005
R = 1.0000
DL = 0.04602
BEC = 0.07858

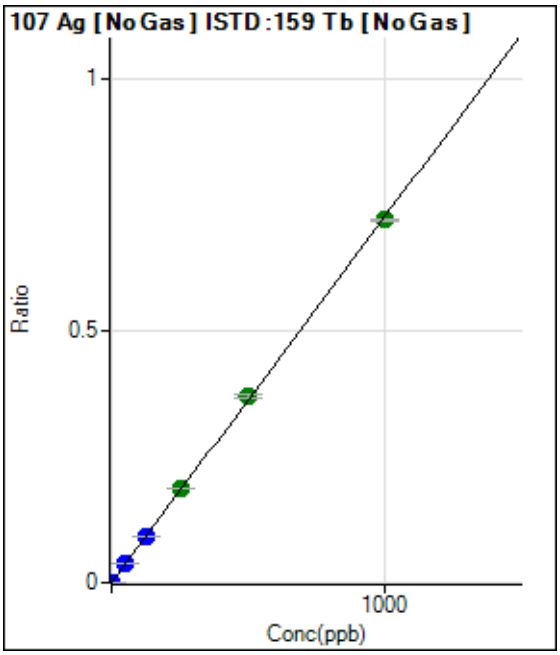
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2041.92 | 0.0002 | P | 7.8 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.038 | 2072.48 | 0.0002 | P | 6.0 |
| 4 | ☐ | 50.000 | 52.049 | 11424.81 | 0.0010 | P | 4.3 |
| 5 | ☐ | 125.000 | 125.896 | 25221.75 | 0.0021 | P | 2.6 |
| 6 | ☐ | 250.000 | 252.124 | 48005.81 | 0.0041 | P | 2.9 |
| 7 | ☐ | 500.000 | 499.910 | 93034.24 | 0.0079 | P | 2.4 |
| 8 | ☐ | 1000.000 | 999.300 | 179424.18 | 0.0156 | P | 1.5 |
| 9 | ☐ | | | 1894.68 | 0.0002 | P | 5.2 |

y = 1.5464E-005 * x + 1.7677E-004
R = 1.0000
DL = 2.673
BEC = 11.43

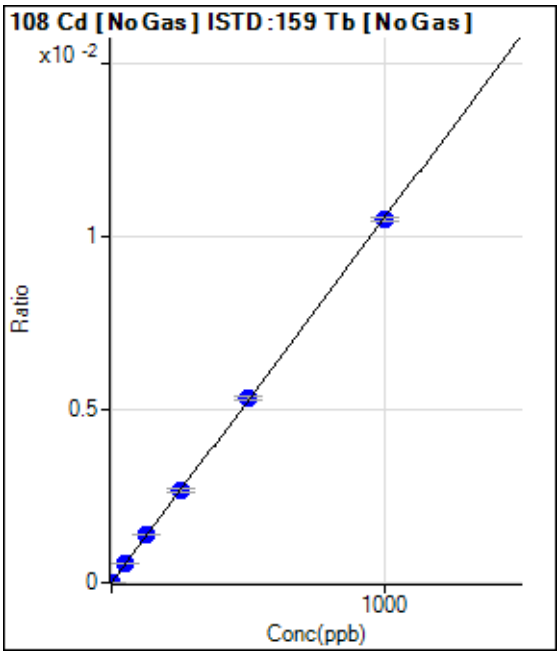
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 133.34 | 0.0000 | P | 6.0 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.058 | 9120.16 | 0.0008 | P | 1.4 |
| 4 | ☐ | 50.000 | 52.551 | 444353.47 | 0.0382 | P | 0.7 |
| 5 | ☐ | 125.000 | 127.988 | 1104428.32 | 0.0930 | P | 0.6 |
| 6 | ☐ | 250.000 | 259.323 | 2219101.52 | 0.1884 | A | 0.8 |
| 7 | ☐ | 500.000 | 508.932 | 4349630.52 | 0.3697 | A | 2.2 |
| 8 | ☐ | 1000.000 | 992.702 | 8278396.19 | 0.7211 | A | 0.8 |
| 9 | ☐ | | | 2989.94 | 0.0003 | P | 107. |

y = 7.2639E-004 * x + 1.1509E-005
R = 0.9999
DL = 0.002851
BEC = 0.01584

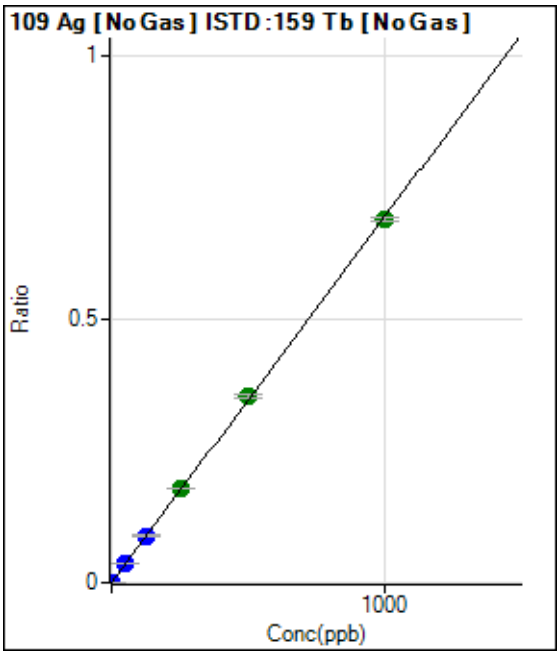
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 13.89 | 0.0000 | P | 41.5 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.870 | 120.84 | 0.0000 | P | 36.1 |
| 4 | ☐ | 50.000 | 52.876 | 6486.41 | 0.0006 | P | 3.2 |
| 5 | ☐ | 125.000 | 129.356 | 16178.01 | 0.0014 | P | 0.4 |
| 6 | ☐ | 250.000 | 252.983 | 31361.74 | 0.0027 | P | 2.5 |
| 7 | ☐ | 500.000 | 508.157 | 62911.33 | 0.0053 | P | 2.1 |
| 8 | ☐ | 1000.000 | 994.488 | 120115.06 | 0.0105 | P | 1.2 |
| 9 | ☐ | | | 34.72 | 0.0000 | P | 24.9 |

y = 1.0520E-005 * x + 1.1853E-006
R = 0.9999
DL = 0.1401
BEC = 0.1127

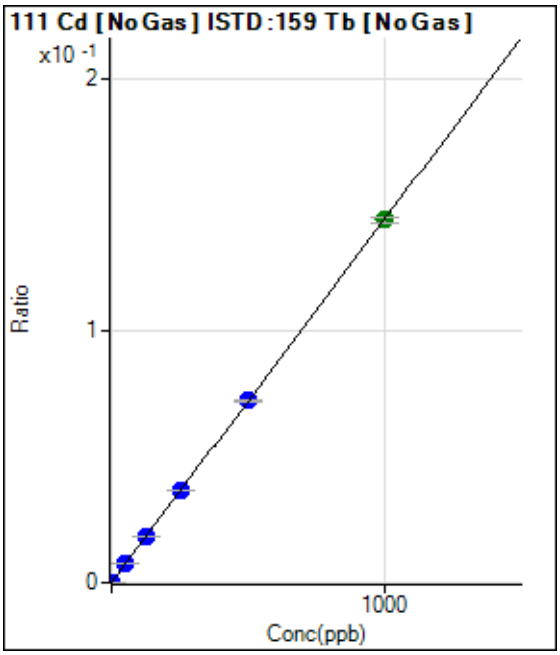
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 119.45 | 0.0000 | P | 15.8 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.009 | 8302.95 | 0.0007 | P | 3.7 |
| 4 | ☐ | 50.000 | 52.764 | 426098.48 | 0.0366 | P | 1.1 |
| 5 | ☐ | 125.000 | 128.339 | 1057696.98 | 0.0890 | P | 0.9 |
| 6 | ☐ | 250.000 | 257.524 | 2104699.20 | 0.1787 | A | 1.4 |
| 7 | ☐ | 500.000 | 510.552 | 4167751.92 | 0.3542 | A | 1.5 |
| 8 | ☐ | 1000.000 | 992.288 | 7902969.97 | 0.6884 | A | 1.2 |
| 9 | ☐ | | | 1225.12 | 0.0001 | P | 15.9 |

y = 6.9376E-004 * x + 1.0384E-005
R = 0.9999
DL = 0.007115
BEC = 0.01497

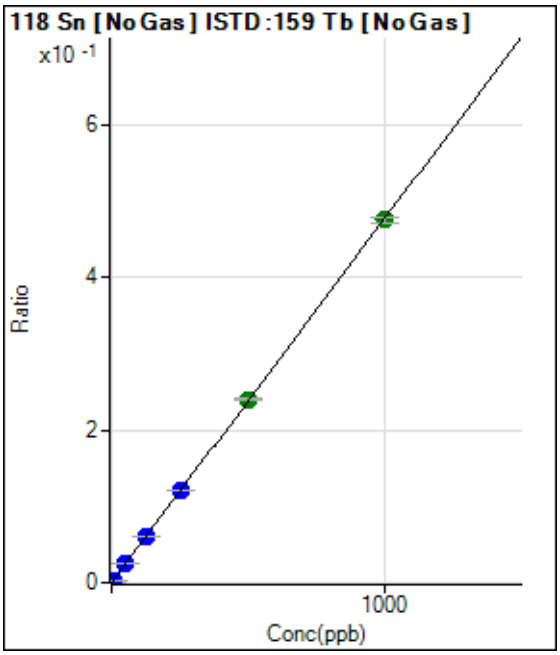
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1030.69 | 0.0001 | P | 7.3 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.948 | 2639.31 | 0.0002 | P | 7.1 |
| 4 | ☐ | 50.000 | 51.442 | 87273.07 | 0.0075 | P | 0.7 |
| 5 | ☐ | 125.000 | 126.696 | 217840.36 | 0.0183 | P | 0.6 |
| 6 | ☐ | 250.000 | 252.566 | 429628.70 | 0.0365 | P | 1.1 |
| 7 | ☐ | 500.000 | 501.088 | 850371.10 | 0.0723 | P | 1.2 |
| 8 | ☐ | 1000.000 | 998.530 | 1652253.93 | 0.1439 | A | 1.4 |
| 9 | ☐ | | | 1302.21 | 0.0001 | P | 3.5 |

y = 1.4405E-004 * x + 8.9236E-005
R = 1.0000
DL = 0.1353
BEC = 0.6195

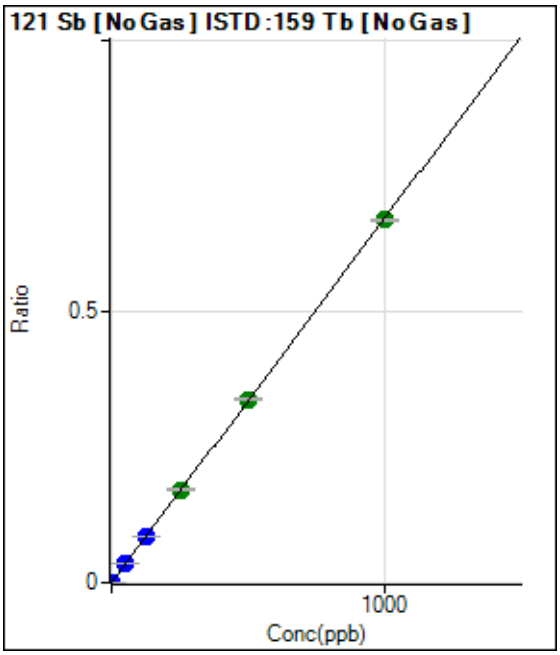
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1658.52 | 0.0001 | P | 1.8 |
| 2 | ☐ | 0.500 | | | | | |
| 3 | ☐ | 5.000 | 4.758 | 28158.52 | 0.0024 | P | 2.0 |
| 4 | ☐ | 50.000 | 50.901 | 283791.35 | 0.0244 | P | 1.3 |
| 5 | ☐ | 125.000 | 124.710 | 707222.11 | 0.0595 | P | 0.9 |
| 6 | ☐ | 250.000 | 252.034 | 1415757.34 | 0.1202 | P | 0.9 |
| 7 | ☐ | 500.000 | 504.525 | 2829221.12 | 0.2404 | A | 1.0 |
| 8 | ☐ | 1000.000 | 997.221 | 5454245.26 | 0.4751 | A | 1.5 |
| 9 | ☐ | | | 14450.07 | 0.0013 | P | 3.2 |

y = 4.7629E-004 * x + 1.4351E-004
R = 1.0000
DL = 0.01603
BEC = 0.3013

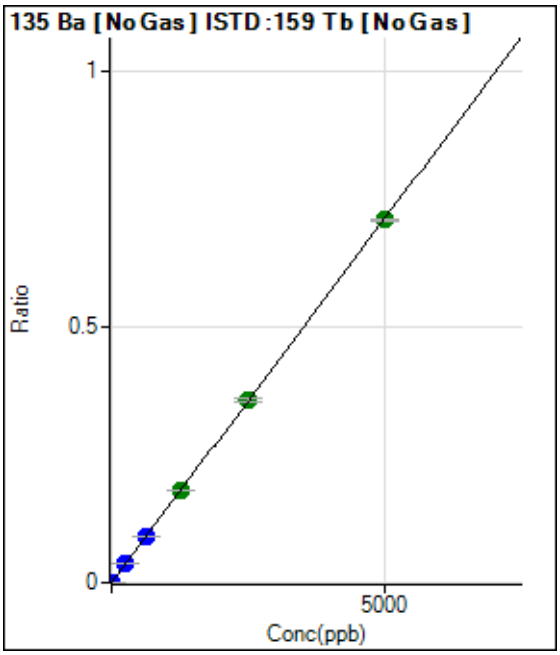
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 252.79 | 0.0000 | P | 33.4 |
| 2 | ☐ | 0.200 | | | | | |
| 3 | ☐ | 2.000 | 1.993 | 15888.01 | 0.0014 | P | 2.2 |
| 4 | ☐ | 50.000 | 50.791 | 397081.55 | 0.0341 | P | 1.7 |
| 5 | ☐ | 125.000 | 125.826 | 1003716.76 | 0.0845 | P | 0.7 |
| 6 | ☐ | 250.000 | 255.104 | 2017840.78 | 0.1713 | A | 1.6 |
| 7 | ☐ | 500.000 | 504.177 | 3983179.64 | 0.3385 | A | 1.6 |
| 8 | ☐ | 1000.000 | 996.492 | 7681287.76 | 0.6691 | A | 0.7 |
| 9 | ☐ | | | 21223.26 | 0.0019 | P | 4.6 |

y = 6.7141E-004 * x + 2.1615E-005
R = 1.0000
DL = 0.03228
BEC = 0.03219

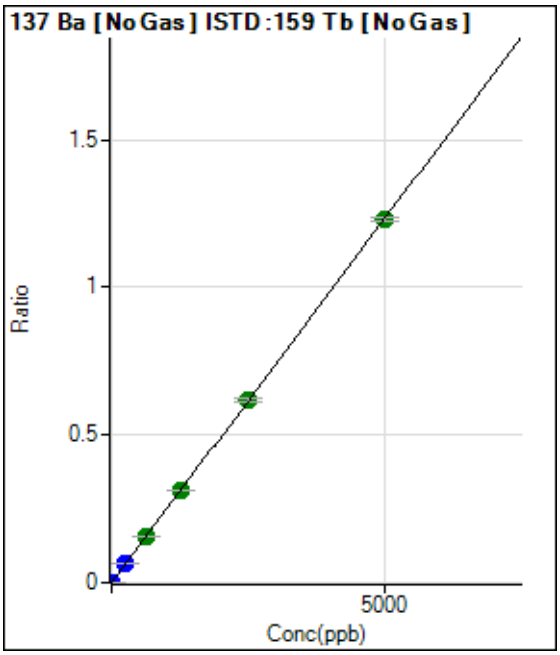
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 36.11 | 0.0000 | P | 28.5 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 10.000 | 9.849 | 16438.67 | 0.0014 | P | 2.0 |
| 4 | ☐ | 250.000 | 254.503 | 422045.45 | 0.0363 | P | 1.1 |
| 5 | ☐ | 625.000 | 627.358 | 1061834.85 | 0.0894 | P | 0.8 |
| 6 | ☐ | 1250.000 | 1274.375 | 2139108.45 | 0.1816 | A | 0.4 |
| 7 | ☐ | 2500.000 | 2512.698 | 4212663.38 | 0.3580 | A | 1.7 |
| 8 | ☐ | 5000.000 | 4987.038 | 8157909.03 | 0.7106 | A | 0.8 |
| 9 | ☐ | | | 1427.92 | 0.0001 | P | 6.0 |

y = 1.4249E-004 * x + 3.1379E-006
R = 1.0000
DL = 0.01886
BEC = 0.02202

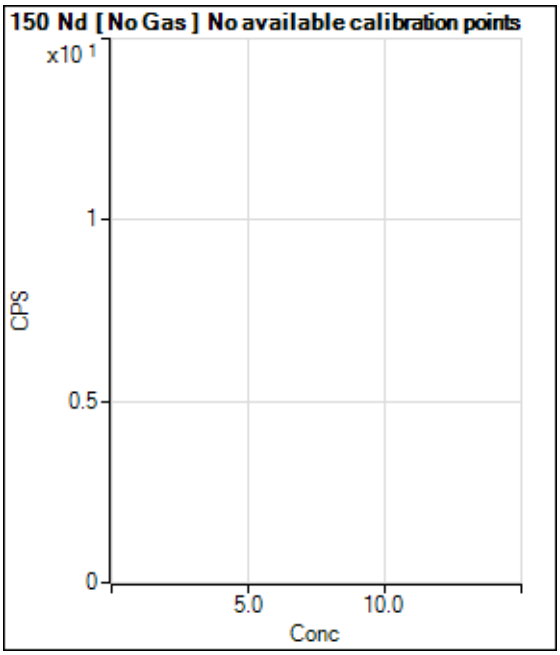
Weight: <None>
Min Conc: 0



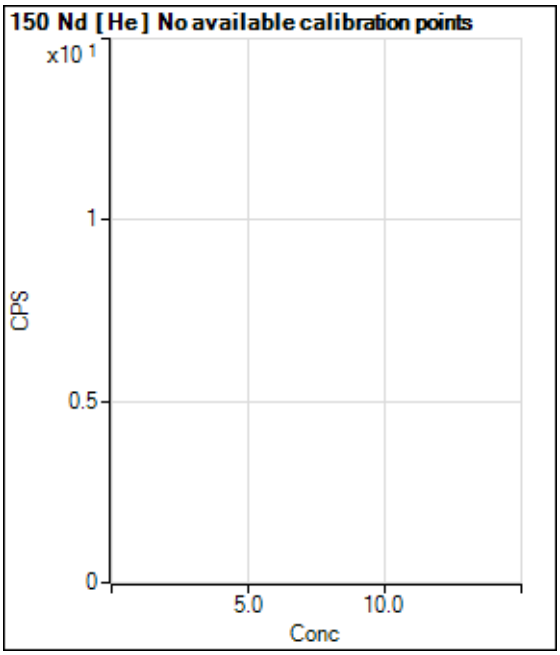

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 66.67 | 0.0000 | P | 45.9 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 10.000 | 10.089 | 29111.02 | 0.0025 | P | 0.8 |
| 4 | ☐ | 250.000 | 256.492 | 735277.22 | 0.0632 | P | 0.9 |
| 5 | ☐ | 625.000 | 640.217 | 1873216.30 | 0.1577 | A | 0.5 |
| 6 | ☐ | 1250.000 | 1268.114 | 3679689.88 | 0.3124 | A | 0.2 |
| 7 | ☐ | 2500.000 | 2513.553 | 7285010.93 | 0.6191 | A | 1.3 |
| 8 | ☐ | 5000.000 | 4986.468 | 14100515.77 | 1.2283 | A | 1.0 |
| 9 | ☐ | | | 2450.35 | 0.0002 | P | 2.4 |

y = 2.4632E-004 * x + 5.8400E-006
R = 1.0000
DL = 0.03265
BEC = 0.02371

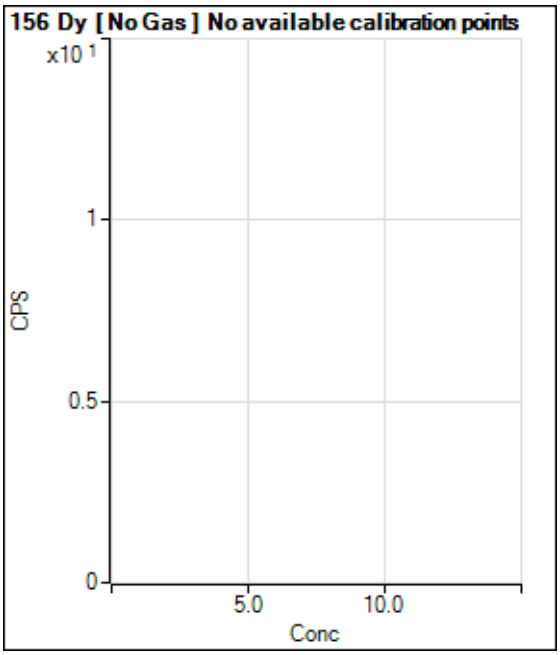
Weight: <None>
Min Conc: 0



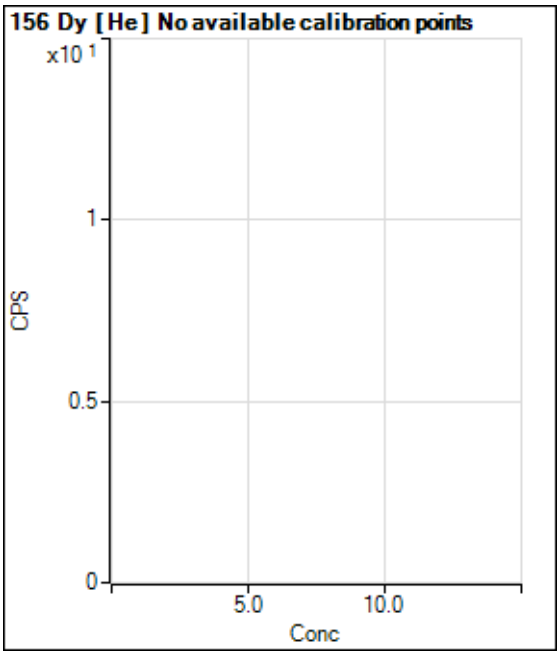

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 6.67 | | P | 100. |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 13.33 | | P | 86.6 |
| 4 | ☐ | | | 24.44 | | P | 41.7 |
| 5 | ☐ | | | 37.78 | | P | 50.9 |
| 6 | ☐ | | | 84.45 | | P | 31.9 |
| 7 | ☐ | | | 177.79 | | P | 8.7 |
| 8 | ☐ | | | 273.35 | | P | 25.8 |
| 9 | ☐ | | | 104.45 | | P | 3.7 |



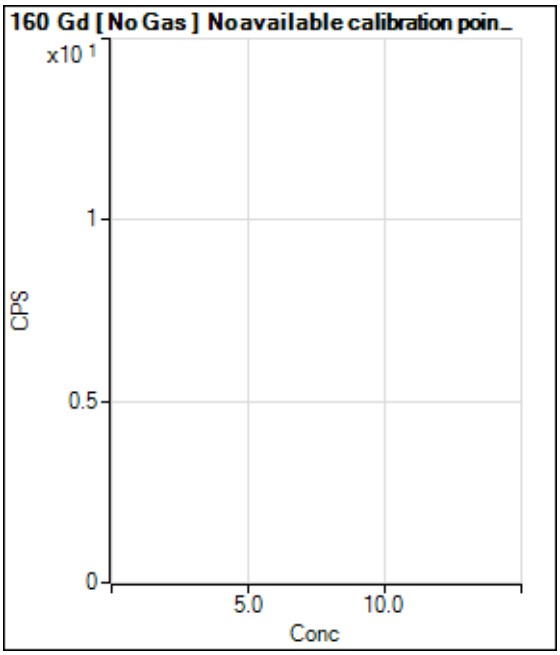

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 0.00 | | P | |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 0.00 | | P | |
| 4 | ☐ | | | 0.00 | | P | |
| 5 | ☐ | | | 1.11 | | P | 173. |
| 6 | ☐ | | | 3.33 | | P | 0.0 |
| 7 | ☐ | | | 4.45 | | P | 86.6 |
| 8 | ☐ | | | 4.45 | | P | 86.6 |
| 9 | ☐ | | | 14.44 | | P | 70.5 |



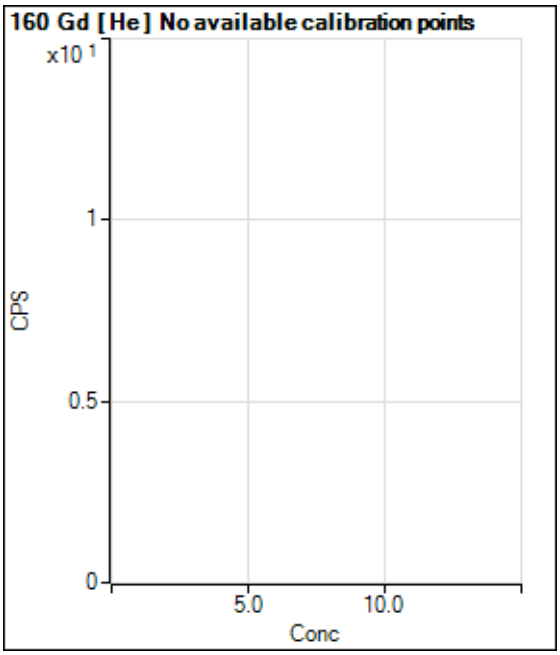

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 16.67 | | P | 100. |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 22.22 | | P | 43.3 |
| 4 | ☐ | | | 16.67 | | P | 50.0 |
| 5 | ☐ | | | 16.67 | | P | 132. |
| 6 | ☐ | | | 27.78 | | P | 45.8 |
| 7 | ☐ | | | 61.11 | | P | 39.4 |
| 8 | ☐ | | | 72.22 | | P | 29.0 |
| 9 | ☐ | | | 75.00 | | P | 22.2 |



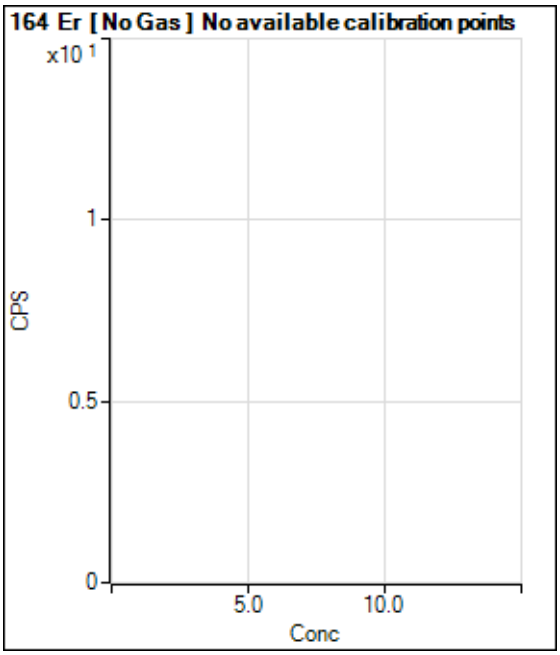

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 3.33 | | P | 100. |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 1.11 | | P | 173. |
| 4 | ☐ | | | 1.11 | | P | 173. |
| 5 | ☐ | | | 1.11 | | P | 173. |
| 6 | ☐ | | | 0.00 | | P | |
| 7 | ☐ | | | 2.22 | | P | 86.6 |
| 8 | ☐ | | | 7.78 | | P | 24.7 |
| 9 | ☐ | | | 14.45 | | P | 26.7 |



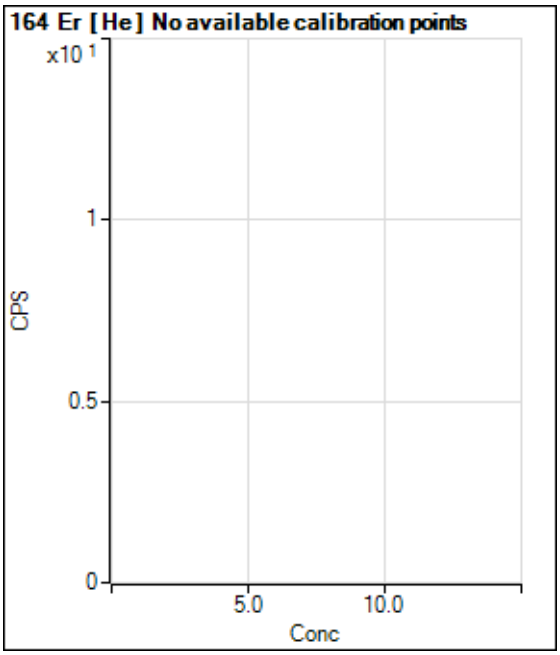

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 97.23 | | P | 50.2 |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 55.56 | | P | 17.3 |
| 4 | ☐ | | | 69.45 | | P | 30.2 |
| 5 | ☐ | | | 72.23 | | P | 54.5 |
| 6 | ☐ | | | 83.34 | | P | 0.0 |
| 7 | ☐ | | | 50.00 | | P | 60.1 |
| 8 | ☐ | | | 86.12 | | P | 36.6 |
| 9 | ☐ | | | 102.78 | | P | 4.7 |



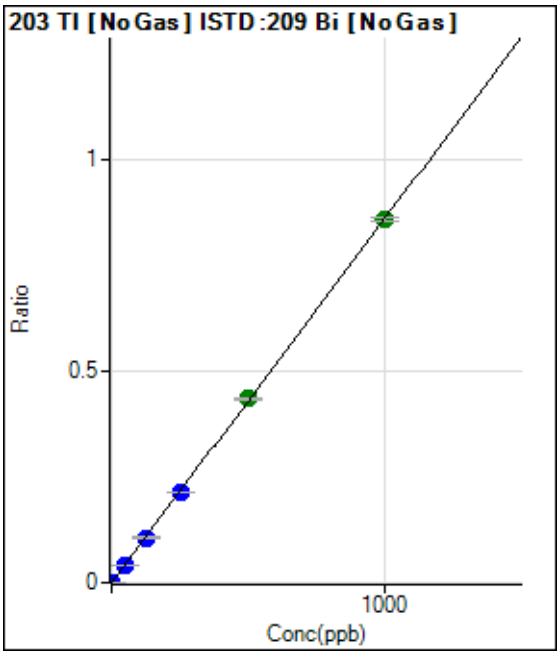

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 11.11 | | P | 34.6 |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 4.44 | | P | 43.4 |
| 4 | ☐ | | | 6.67 | | P | 50.0 |
| 5 | ☐ | | | 5.55 | | P | 69.3 |
| 6 | ☐ | | | 5.55 | | P | 124. |
| 7 | ☐ | | | 10.00 | | P | 0.0 |
| 8 | ☐ | | | 12.22 | | P | 41.7 |
| 9 | ☐ | | | 15.56 | | P | 49.5 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 38.89 | | P | 32.7 |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 66.67 | | P | 12.5 |
| 4 | ☐ | | | 33.33 | | P | 43.3 |
| 5 | ☐ | | | 38.89 | | P | 44.6 |
| 6 | ☐ | | | 33.34 | | P | 25.0 |
| 7 | ☐ | | | 52.78 | | P | 9.1 |
| 8 | ☐ | | | 52.78 | | P | 65.7 |
| 9 | ☐ | | | 66.67 | | P | 66.1 |



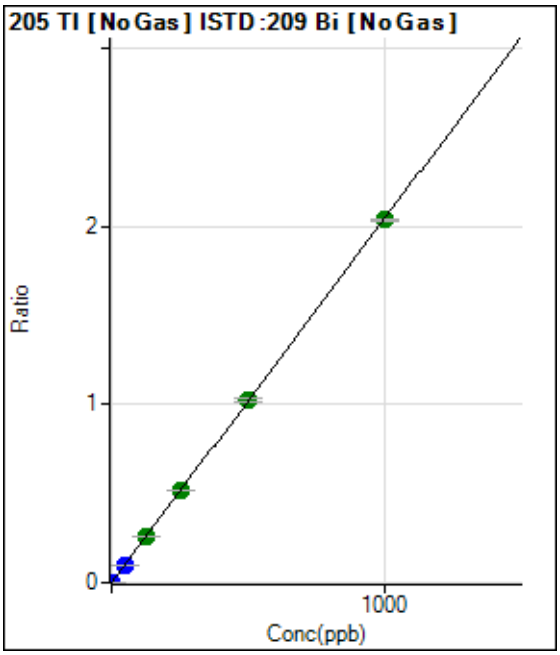

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | | | 7.78 | | P | 65.5 |
| 2 | ☐ | | | | | | |
| 3 | ☐ | | | 8.89 | | P | 21.6 |
| 4 | ☐ | | | 7.78 | | P | 49.5 |
| 5 | ☐ | | | 4.44 | | P | 43.4 |
| 6 | ☐ | | | 6.67 | | P | 50.0 |
| 7 | ☐ | | | 7.78 | | P | 65.5 |
| 8 | ☐ | | | 8.89 | | P | 94.4 |
| 9 | ☐ | | | 4.44 | | P | 114. |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 438.92 | 0.0001 | P | 13.4 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.949 | 6187.90 | 0.0009 | P | 6.4 |
| 4 | ☐ | 50.000 | 49.203 | 298325.79 | 0.0423 | P | 0.6 |
| 5 | ☐ | 125.000 | 123.379 | 751513.97 | 0.1060 | P | 1.6 |
| 6 | ☐ | 250.000 | 249.837 | 1505439.61 | 0.2146 | P | 1.0 |
| 7 | ☐ | 500.000 | 505.193 | 3038317.39 | 0.4339 | A | 1.0 |
| 8 | ☐ | 1000.000 | 997.687 | 5788905.77 | 0.8567 | A | 1.1 |
| 9 | ☐ | | | 3417.29 | 0.0005 | P | 3.6 |

y = 8.5866E-004 * x + 6.2985E-005
R = 1.0000
DL = 0.02943
BEC = 0.07335

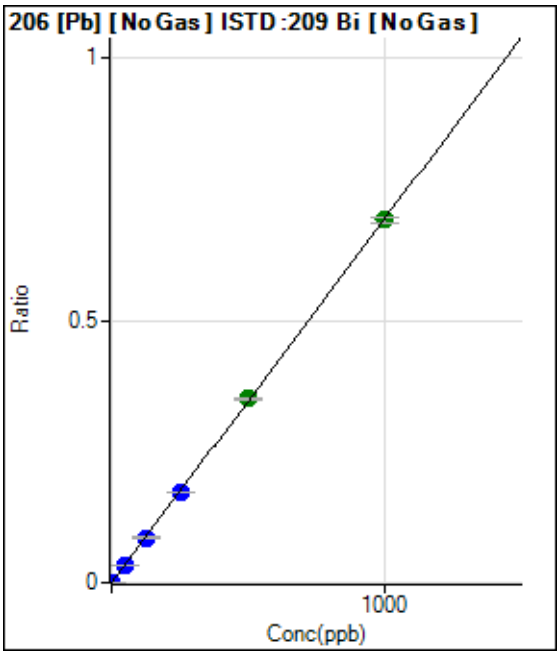
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1005.65 | 0.0001 | P | 5.4 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.997 | 15382.22 | 0.0022 | P | 5.2 |
| 4 | ☐ | 50.000 | 49.557 | 714381.71 | 0.1013 | P | 0.4 |
| 5 | ☐ | 125.000 | 126.380 | 1830347.52 | 0.2582 | A | 1.2 |
| 6 | ☐ | 250.000 | 253.771 | 3635857.72 | 0.5183 | A | 1.1 |
| 7 | ☐ | 500.000 | 503.945 | 7205842.26 | 1.0290 | A | 1.8 |
| 8 | ☐ | 1000.000 | 996.935 | 13754656.04 | 2.0355 | A | 0.5 |
| 9 | ☐ | | | 8628.35 | 0.0014 | P | 2.7 |

y = 0.0020 * x + 1.4461E-004
R = 1.0000
DL = 0.01141
BEC = 0.07083

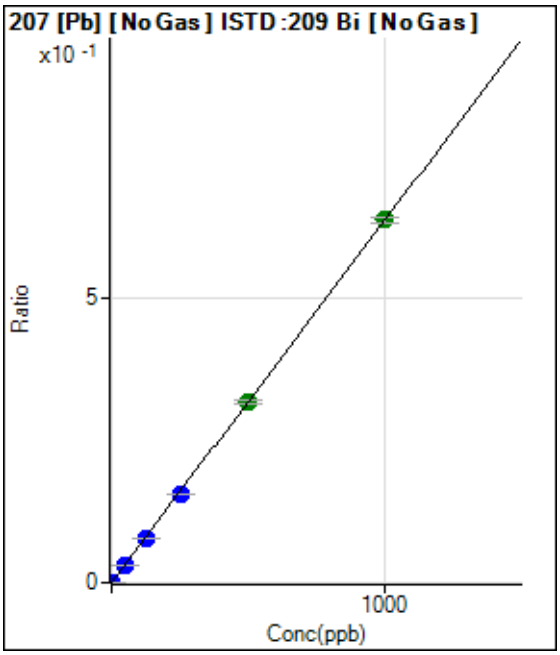
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 401.87 | 0.0001 | P | 12.2 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.003 | 5314.25 | 0.0008 | P | 2.5 |
| 4 | ☐ | 50.000 | 49.616 | 243019.92 | 0.0345 | P | 0.7 |
| 5 | ☐ | 125.000 | 123.937 | 609814.96 | 0.0860 | P | 0.9 |
| 6 | ☐ | 250.000 | 248.042 | 1207266.64 | 0.1721 | P | 0.7 |
| 7 | ☐ | 500.000 | 505.222 | 2454025.46 | 0.3504 | A | 1.8 |
| 8 | ☐ | 1000.000 | 998.030 | 4677213.01 | 0.6922 | A | 1.5 |
| 9 | ☐ | | | 25667.26 | 0.0041 | P | 1.4 |

y = 6.9353E-004 * x + 5.7808E-005
R = 1.0000
DL = 0.03046
BEC = 0.08335

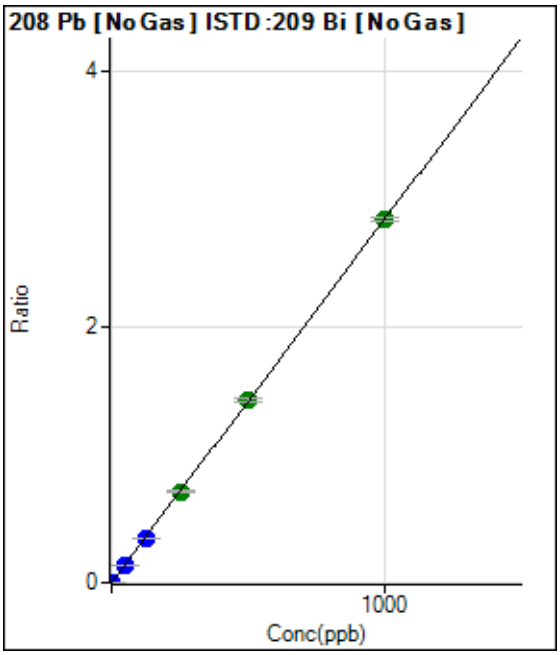
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 366.68 | 0.0001 | P | 3.7 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 1.019 | 4928.90 | 0.0007 | P | 1.7 |
| 4 | ☐ | 50.000 | 48.817 | 218717.26 | 0.0310 | P | 0.2 |
| 5 | ☐ | 125.000 | 121.719 | 547794.91 | 0.0773 | P | 1.6 |
| 6 | ☐ | 250.000 | 245.088 | 1091140.08 | 0.1555 | P | 0.5 |
| 7 | ☐ | 500.000 | 499.072 | 2217386.64 | 0.3167 | A | 1.9 |
| 8 | ☐ | 1000.000 | 1002.161 | 4295891.07 | 0.6358 | A | 1.6 |
| 9 | ☐ | | | 21893.49 | 0.0035 | P | 0.7 |

y = 6.3437E-004 * x + 5.2861E-005
R = 1.0000
DL = 0.0093
BEC = 0.08333

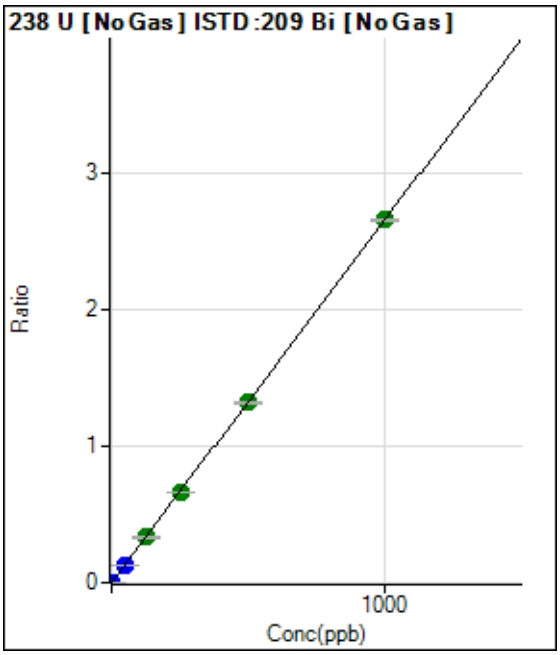
Weight: <None>
Min Conc: 0




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1588.97 | 0.0002 | P | 2.3 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.989 | 21429.88 | 0.0030 | P | 1.5 |
| 4 | ☐ | 50.000 | 49.090 | 985229.69 | 0.1397 | P | 0.3 |
| 5 | ☐ | 125.000 | 122.882 | 2477523.09 | 0.3494 | P | 0.9 |
| 6 | ☐ | 250.000 | 250.946 | 5004920.70 | 0.7134 | A | 0.5 |
| 7 | ☐ | 500.000 | 502.330 | 9998744.85 | 1.4278 | A | 1.4 |
| 8 | ☐ | 1000.000 | 998.909 | 19183185.33 | 2.8390 | A | 1.1 |
| 9 | ☐ | | | 102433.36 | 0.0163 | P | 0.6 |

y = 0.0028 * x + 2.2911E-004
R = 1.0000
DL = 0.005591
BEC = 0.08062

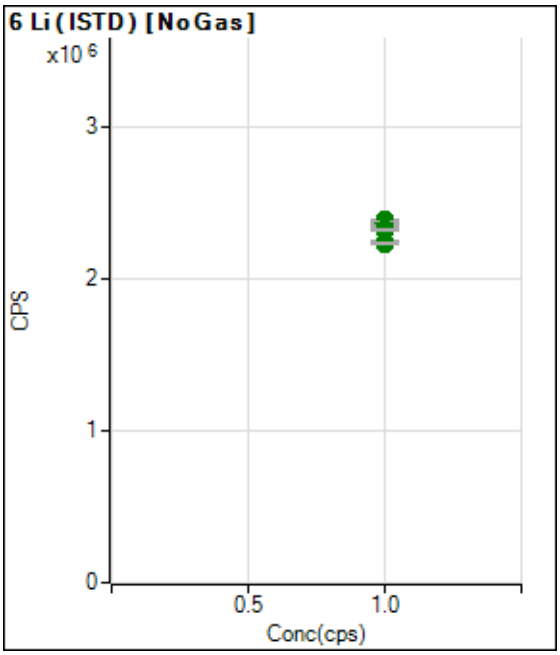
Weight: <None>
Min Conc: 0



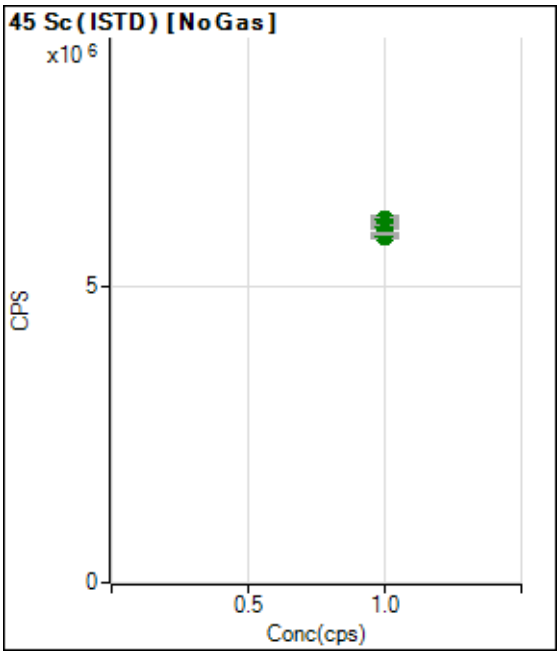

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 144.45 | 0.0000 | P | 22.5 |
| 2 | ☐ | 0.100 | | | | | |
| 3 | ☐ | 1.000 | 0.971 | 18322.53 | 0.0026 | P | 3.3 |
| 4 | ☐ | 50.000 | 48.801 | 913537.48 | 0.1296 | P | 0.2 |
| 5 | ☐ | 125.000 | 124.882 | 2350492.46 | 0.3315 | A | 1.4 |
| 6 | ☐ | 250.000 | 250.237 | 4660558.22 | 0.6643 | A | 0.7 |
| 7 | ☐ | 500.000 | 496.845 | 9236264.96 | 1.3190 | A | 1.8 |
| 8 | ☐ | 1000.000 | 1001.593 | 17966591.72 | 2.6589 | A | 0.6 |
| 9 | ☐ | | | 1847.46 | 0.0003 | P | 10.3 |

y = 0.0027 * x + 2.0821E-005
R = 1.0000
DL = 0.005289
BEC = 0.007843

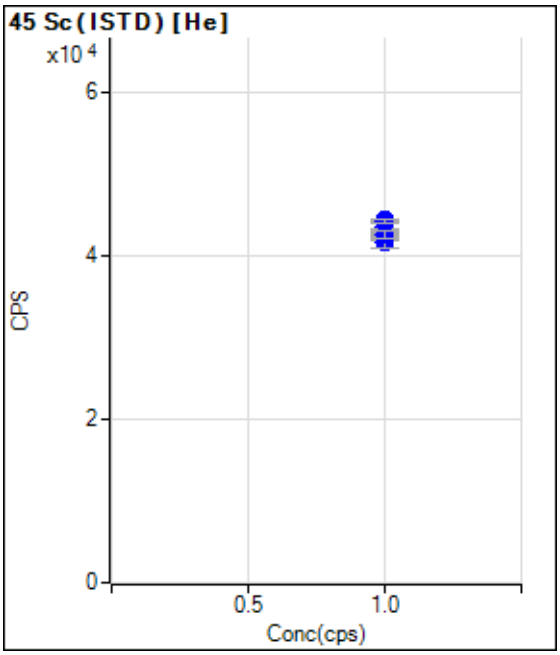
Weight: <None>
Min Conc: 0



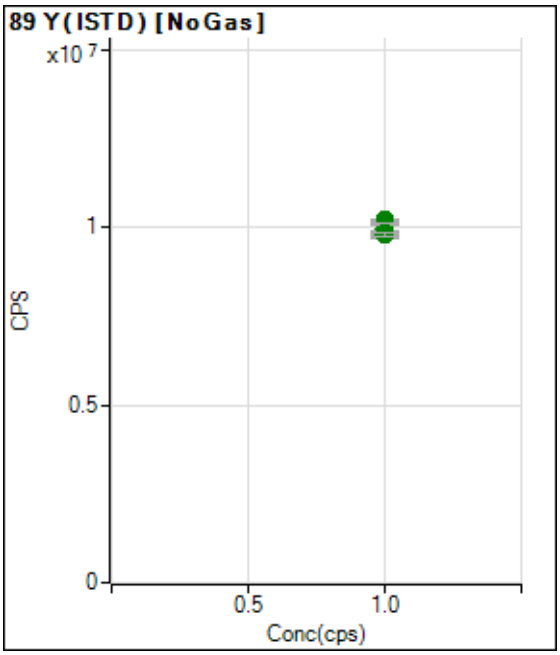

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2311862.17 | | A | 5.1 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 2386485.45 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 2366505.80 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 2361726.65 | | A | 1.0 |
| 6 | ☐ | 1.000 | | 2328302.76 | | A | 0.8 |
| 7 | ☐ | 1.000 | | 2317816.96 | | A | 0.5 |
| 8 | ☐ | 1.000 | | 2226751.46 | | A | 0.5 |
| 9 | ☐ | 1.000 | | 2233233.14 | | A | 0.4 |



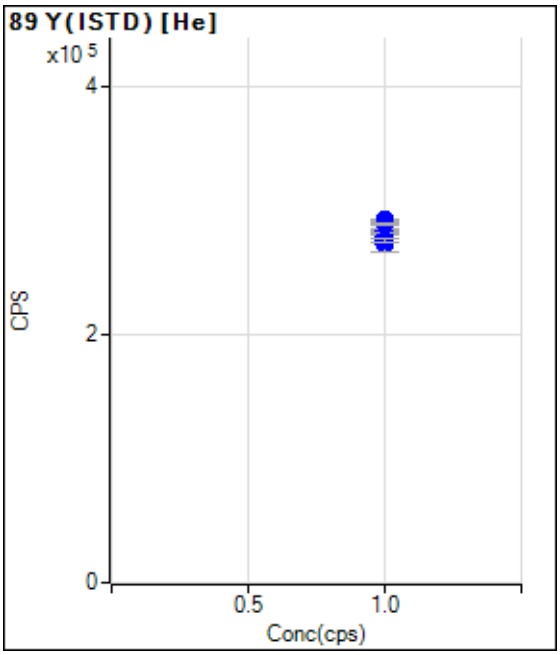

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6036033.55 | | A | 6.1 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 6137327.57 | | A | 0.9 |
| 4 | ☐ | 1.000 | | 6113780.60 | | A | 0.8 |
| 5 | ☐ | 1.000 | | 6143401.35 | | A | 1.2 |
| 6 | ☐ | 1.000 | | 6043375.61 | | A | 1.1 |
| 7 | ☐ | 1.000 | | 6023678.96 | | A | 1.3 |
| 8 | ☐ | 1.000 | | 5861369.23 | | A | 1.1 |
| 9 | ☐ | 1.000 | | 5916752.08 | | A | 0.5 |



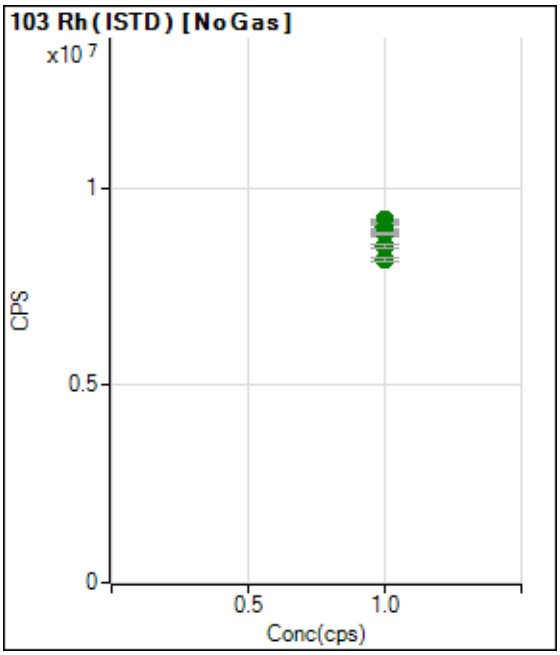

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 44398.97 | | P | 0.7 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 43632.53 | | P | 4.3 |
| 4 | ☐ | 1.000 | | 43334.69 | | P | 3.4 |
| 5 | ☐ | 1.000 | | 42178.92 | | P | 1.0 |
| 6 | ☐ | 1.000 | | 41641.96 | | P | 3.5 |
| 7 | ☐ | 1.000 | | 43035.88 | | P | 1.2 |
| 8 | ☐ | 1.000 | | 42567.86 | | P | 2.1 |
| 9 | ☐ | 1.000 | | 44208.36 | | P | 1.4 |



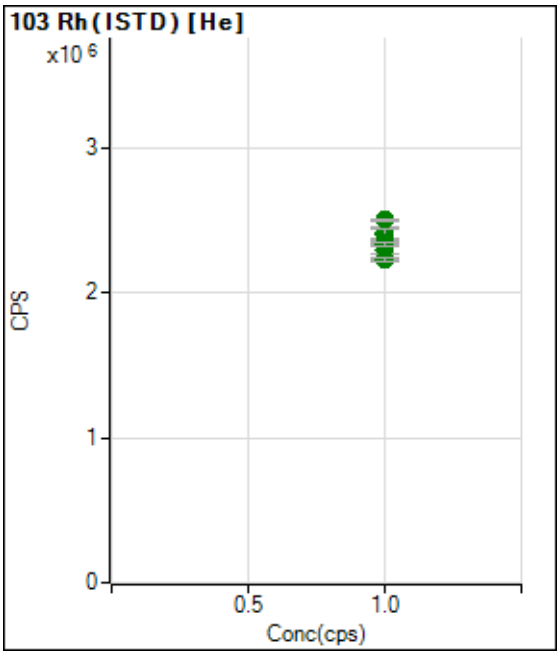

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 9976877.84 | | A | 5.4 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 10174523.39 | | A | 0.2 |
| 4 | ☐ | 1.000 | | 10217378.60 | | A | 0.4 |
| 5 | ☐ | 1.000 | | 10216146.17 | | A | 0.6 |
| 6 | ☐ | 1.000 | | 10106496.17 | | A | 0.9 |
| 7 | ☐ | 1.000 | | 10103211.86 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 9854730.83 | | A | 1.2 |
| 9 | ☐ | 1.000 | | 9814537.14 | | A | 0.9 |



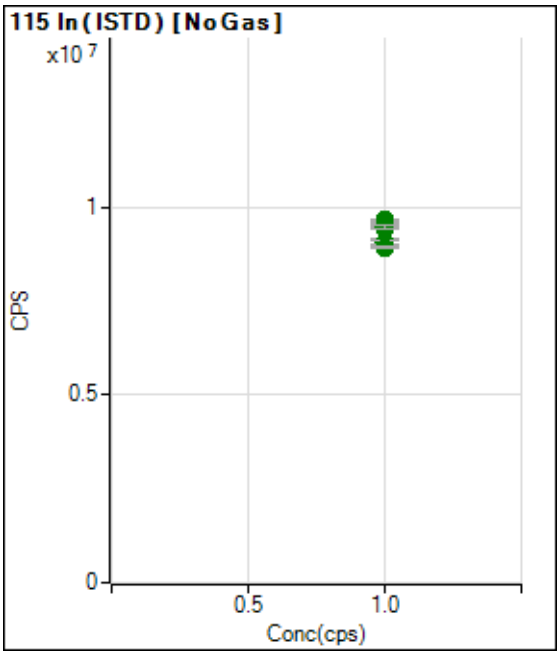

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 292692.69 | | P | 0.7 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 288815.16 | | P | 3.5 |
| 4 | ☐ | 1.000 | | 286003.39 | | P | 3.4 |
| 5 | ☐ | 1.000 | | 279604.42 | | P | 1.0 |
| 6 | ☐ | 1.000 | | 272529.96 | | P | 4.2 |
| 7 | ☐ | 1.000 | | 283460.03 | | P | 1.0 |
| 8 | ☐ | 1.000 | | 276505.45 | | P | 1.0 |
| 9 | ☐ | 1.000 | | 289754.86 | | P | 0.7 |



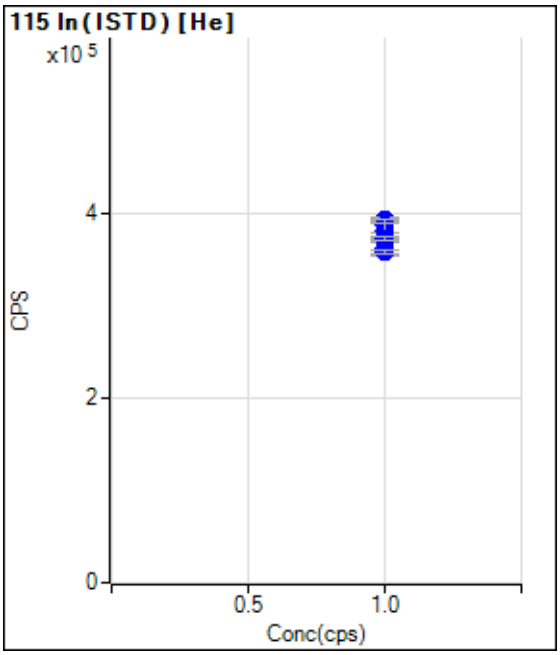

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 8993655.32 | | A | 5.1 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 9189188.92 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 9088119.65 | | A | 1.1 |
| 5 | ☐ | 1.000 | | 9073090.57 | | A | 0.5 |
| 6 | ☐ | 1.000 | | 8947962.18 | | A | 0.7 |
| 7 | ☐ | 1.000 | | 8845311.05 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 8512575.54 | | A | 1.0 |
| 9 | ☐ | 1.000 | | 8201898.19 | | A | 1.1 |



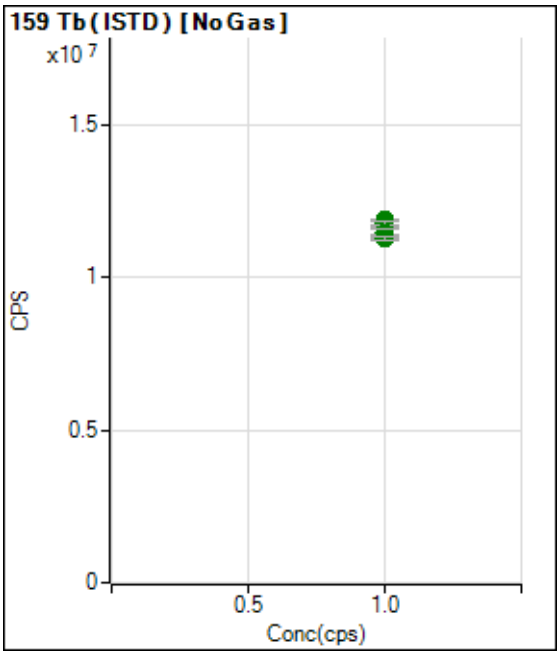

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2500547.34 | | A | 0.6 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 2413988.19 | | A | 3.4 |
| 4 | ☐ | 1.000 | | 2395890.90 | | A | 3.7 |
| 5 | ☐ | 1.000 | | 2342788.42 | | A | 1.1 |
| 6 | ☐ | 1.000 | | 2293035.35 | | A | 4.4 |
| 7 | ☐ | 1.000 | | 2335517.50 | | A | 0.8 |
| 8 | ☐ | 1.000 | | 2245621.79 | | A | 1.3 |
| 9 | ☐ | 1.000 | | 2226382.00 | | A | 1.7 |



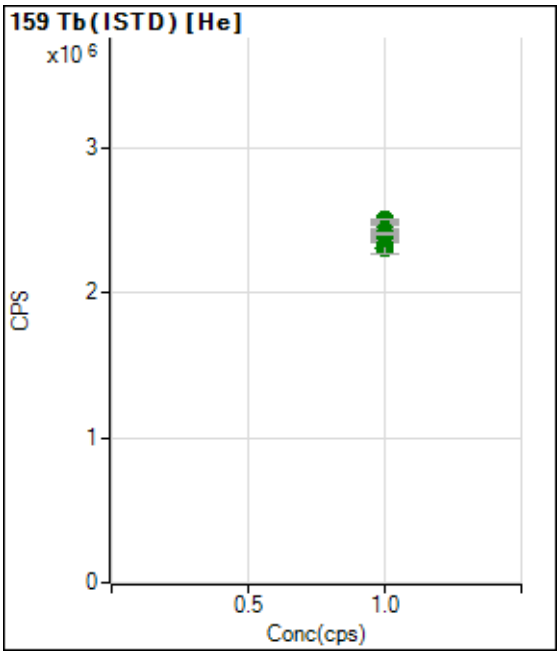

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 9439359.72 | | A | 5.2 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 9662954.76 | | A | 0.5 |
| 4 | ☐ | 1.000 | | 9590482.97 | | A | 0.7 |
| 5 | ☐ | 1.000 | | 9606655.07 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 9510278.00 | | A | 0.3 |
| 7 | ☐ | 1.000 | | 9469340.23 | | A | 1.2 |
| 8 | ☐ | 1.000 | | 9060161.84 | | A | 1.0 |
| 9 | ☐ | 1.000 | | 8929045.79 | | A | 0.9 |



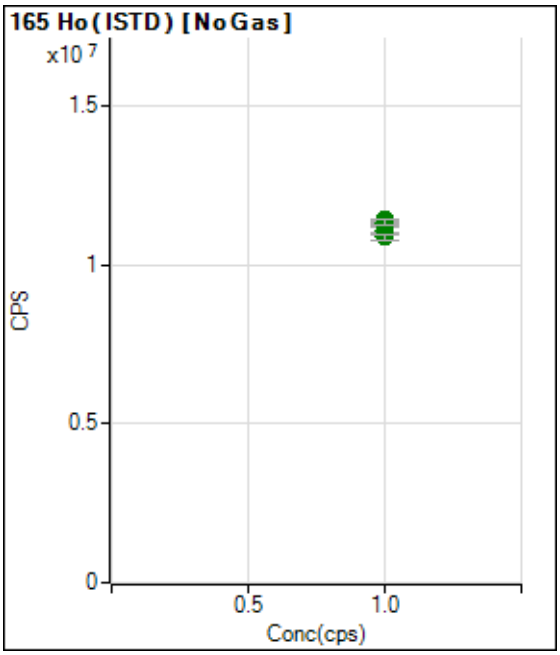

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 393264.44 | | P | 1.0 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 386857.98 | | P | 3.5 |
| 4 | ☐ | 1.000 | | 382465.74 | | P | 3.7 |
| 5 | ☐ | 1.000 | | 373572.26 | | P | 1.1 |
| 6 | ☐ | 1.000 | | 361673.84 | | P | 3.8 |
| 7 | ☐ | 1.000 | | 373937.00 | | P | 0.9 |
| 8 | ☐ | 1.000 | | 358378.67 | | P | 0.9 |
| 9 | ☐ | 1.000 | | 372779.81 | | P | 1.0 |



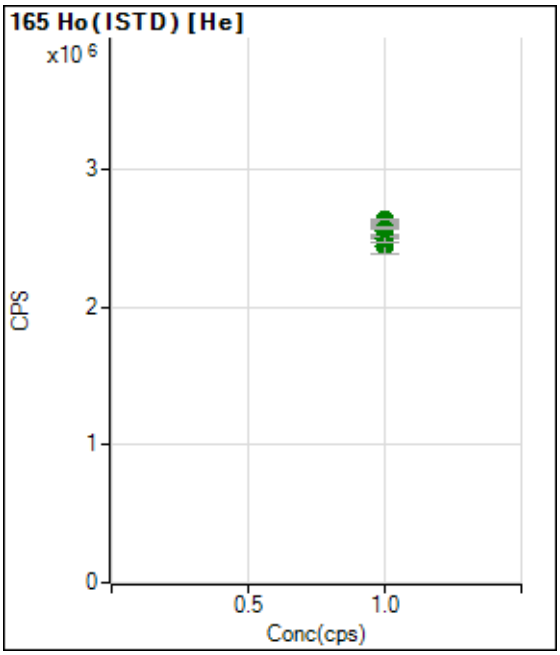

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11563469.13 | | A | 5.4 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 11686804.96 | | A | 0.6 |
| 4 | ☐ | 1.000 | | 11637486.49 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 11878398.99 | | A | 0.8 |
| 6 | ☐ | 1.000 | | 11780219.68 | | A | 0.7 |
| 7 | ☐ | 1.000 | | 11767622.19 | | A | 1.2 |
| 8 | ☐ | 1.000 | | 11481131.63 | | A | 1.4 |
| 9 | ☐ | 1.000 | | 11259709.00 | | A | 1.3 |



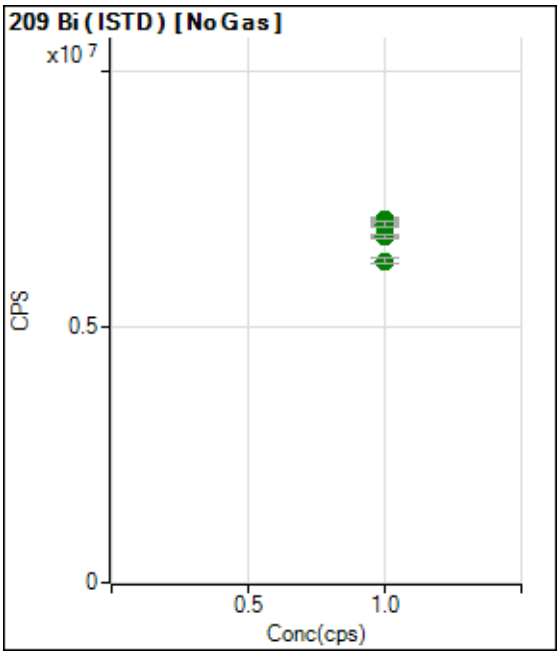

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2505317.72 | | A | 0.7 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 2446016.74 | | A | 3.3 |
| 4 | ☐ | 1.000 | | 2421153.21 | | A | 3.7 |
| 5 | ☐ | 1.000 | | 2384139.42 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 2311190.73 | | A | 3.8 |
| 7 | ☐ | 1.000 | | 2434945.31 | | A | 0.9 |
| 8 | ☐ | 1.000 | | 2371990.97 | | A | 0.9 |
| 9 | ☐ | 1.000 | | 2409855.14 | | A | 0.4 |



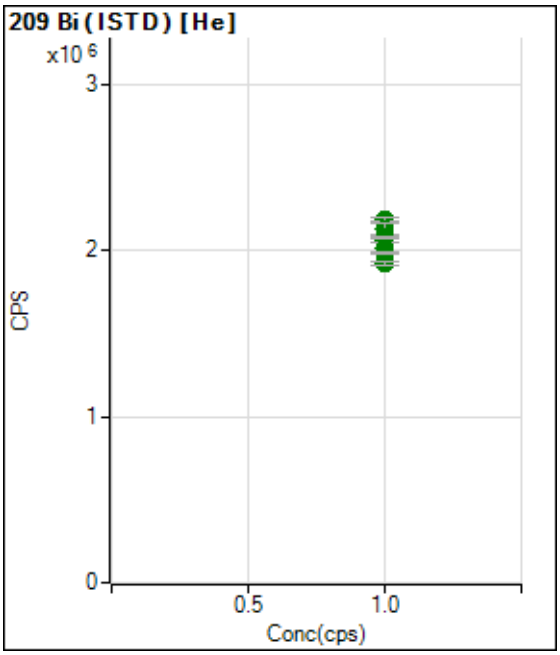

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 11092667.61 | | A | 6.0 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 11271266.48 | | A | 0.7 |
| 4 | ☐ | 1.000 | | 11225119.96 | | A | 0.3 |
| 5 | ☐ | 1.000 | | 11433112.58 | | A | 0.9 |
| 6 | ☐ | 1.000 | | 11315918.05 | | A | 0.3 |
| 7 | ☐ | 1.000 | | 11344381.16 | | A | 1.4 |
| 8 | ☐ | 1.000 | | 10986809.97 | | A | 0.4 |
| 9 | ☐ | 1.000 | | 10885162.49 | | A | 1.5 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2636857.67 | | A | 0.8 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 2558814.77 | | A | 2.7 |
| 4 | ☐ | 1.000 | | 2569093.59 | | A | 3.7 |
| 5 | ☐ | 1.000 | | 2531185.59 | | A | 0.2 |
| 6 | ☐ | 1.000 | | 2450193.33 | | A | 4.6 |
| 7 | ☐ | 1.000 | | 2577618.83 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 2496347.55 | | A | 1.5 |
| 9 | ☐ | 1.000 | | 2578611.91 | | A | 1.0 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6941078.44 | | A | 5.6 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 7053017.12 | | A | 1.7 |
| 4 | ☐ | 1.000 | | 7050598.85 | | A | 0.6 |
| 5 | ☐ | 1.000 | | 7090174.48 | | A | 0.8 |
| 6 | ☐ | 1.000 | | 7015722.88 | | A | 0.5 |
| 7 | ☐ | 1.000 | | 7003869.83 | | A | 1.5 |
| 8 | ☐ | 1.000 | | 6757359.27 | | A | 0.9 |
| 9 | ☐ | 1.000 | | 6290619.21 | | A | 1.4 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2186105.49 | | A | 1.1 |
| 2 | ☐ | 1.000 | | | | | |
| 3 | ☐ | 1.000 | | 2133122.10 | | A | 3.6 |
| 4 | ☐ | 1.000 | | 2135744.52 | | A | 3.4 |
| 5 | ☐ | 1.000 | | 2060449.73 | | A | 1.3 |
| 6 | ☐ | 1.000 | | 2015806.44 | | A | 3.2 |
| 7 | ☐ | 1.000 | | 2083874.76 | | A | 0.6 |
| 8 | ☐ | 1.000 | | 1986786.93 | | A | 0.9 |
| 9 | ☐ | 1.000 | | 1925997.75 | | A | 1.0 |

# US EPA Tune Check Sample Report

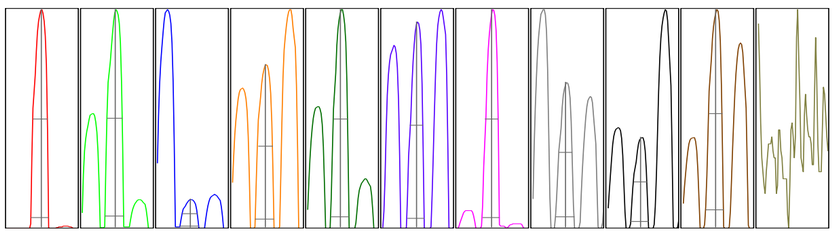
**Batch Folder** D:\P8070918- MS .b
**Report Comment**
**Instrument Name** G8403A JP17141814

**[No Gas]**

| Mass | Count (Mean) | RSD% (Actual) | RSD% (Required) | RSD% (Flag) |
|---|---|---|---|---|
| 9 | 7179 | 2.51 | 5.00 | |
| 24 | 118959 | 2.77 | 5.00 | |
| 25 | 15721 | 2.33 | 5.00 | |
| 26 | 18260 | 2.14 | 5.00 | |
| 59 | 69444 | 1.91 | 5.00 | |
| 113 | 8943 | 2.53 | 5.00 | |
| 115 | 115006 | 2.73 | 5.00 | |
| 206 | 24044 | 3.05 | 5.00 | |
| 207 | 21931 | 3.40 | 5.00 | |
| 208 | 52120 | 3.46 | 5.00 | |
| 220 | 1 | 10.00 | | |

| Mass | Replicate 1 Count | Replicate 2 Count | Replicate 3 Count | Replicate 4 Count | Replicate 5 Count |
|---|---|---|---|---|---|
| 9 | 7273 | 6943 | 7246 | 7387 | 7045 |
| 24 | 121576 | 114144 | 119194 | 122329 | 117552 |
| 25 | 15960 | 15184 | 15790 | 16120 | 15551 |
| 26 | 18647 | 17635 | 18381 | 18479 | 18159 |
| 59 | 70900 | 67307 | 69999 | 69472 | 69540 |
| 113 | 9192 | 8619 | 8843 | 9111 | 8952 |
| 115 | 118669 | 110944 | 113325 | 117549 | 114542 |
| 206 | 24592 | 22927 | 23810 | 24783 | 24107 |
| 207 | 22426 | 20787 | 21756 | 22734 | 21953 |
| 208 | 53152 | 49499 | 51880 | 54324 | 51746 |
| 220 | 1 | 1 | 1 | 1 | 1 |

**Integration Time [sec] =** 0.1



| Mass | Peak Height | Axis (Actual) | Axis (Required) | Axis (Flag) | Width-X% (Actual) | Width-X% (Required) | Width-X% (Flag) |
|---|---|---|---|---|---|---|---|
| 9 | 12563 | 9.00 | 8.9 - 9.1 | | 0.740 | 0.900 | |
| 24 | 199809 | 23.95 | 23.9 - 24.1 | | 0.785 | 0.900 | |
| 25 | 26411 | 24.95 | 24.9 - 25.1 | | 0.785 | 0.900 | |
| 26 | 30887 | 25.95 | 25.9 - 26.1 | | 0.783 | 0.900 | |
| 59 | 122887 | 58.95 | 58.9 - 59.1 | | 0.775 | 0.900 | |
| 113 | 17151 | 113.00 | 112.9 - 113.1 | | 0.728 | 0.900 | |
| 115 | 218424 | 115.00 | 114.9 - 115.1 | | 0.726 | 0.900 | |
| 206 | 44531 | 205.95 | 205.9 - 206.1 | | 0.777 | 0.900 | |
| 207 | 40268 | 206.95 | 206.9 - 207.1 | | 0.734 | 0.900 | |
| 208 | 96711 | 207.95 | 207.9 - 208.1 | | 0.747 | 0.900 | |
| 220 | | | - | | | | |

**X% =** 5 **Integration Time [sec] =** 0.1 **Acquisition Time [sec] =** 268 **Y Axis =** Linear

**Tune Parameters**
**## Plasma Paramters ##**

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---|---|---|---|---|---|---|---|---|
| Plasma Mode | HMI | | Aerosol Dilution | HMI-8 | | | | |

**## Lenses Parameters ##**

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---|---|---|---|---|---|---|---|---|
| Extract 1 | 0.0 | V | Omega Lens | 8.9 | V | Deflect | 13.4 | V |
| Extract 2 | -210.0 | V | Cell Entrance | -30 | V | Plate Bias | -35 | V |
| Omega Bias | -100 | V | Cell Exit | -50 | V | | | |

**## Cell Parameters ##**

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---|---|---|---|---|---|---|---|---|
| Use Gas | No | | OctP Bias | -8.0 | V | Energy Discrimination | 5.0 | V |
| He Flow | 0.0 | mL/min | OctP RF | 180 | V | | | |

**[He]**

| Mass | Count (Mean) | RSD% (Actual) | RSD% (Required) |
|---|---|---|---|
| 59 | 8677 | 0.53 | |
| 89 | 8221 | 0.78 | |
| 205 | 12867 | 0.24 | |

| Mass | Replicate 1 Count | Replicate 2 Count | Replicate 3 Count | Replicate 4 Count | Replicate 5 Count |
|---|---|---|---|---|---|
| 59 | 8703 | 8685 | 8721 | 8673 | 8600 |
| 89 | 8286 | 8257 | 8224 | 8225 | 8116 |
| 205 | 12901 | 12824 | 12867 | 12889 | 12852 |

**Integration Time [sec] =** 0.1

**Tune Parameters**
**## Plasma Paramters ##**

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---|---|---|---|---|---|---|---|---|
| Plasma Mode | HMI | | Aerosol Dilution | HMI-8 | | | | |

**## Lenses Parameters ##**

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---|---|---|---|---|---|---|---|---|
| Extract 1 | 0.0 | V | Omega Lens | 8.9 | V | Deflect | 2.2 | V |
| Extract 2 | -210.0 | V | Cell Entrance | -40 | V | Plate Bias | -60 | V |
| Omega Bias | -100 | V | Cell Exit | -60 | V | | | |

**## Cell Parameters ##**

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---|---|---|---|---|---|---|---|---|
| Use Gas | Yes | | OctP Bias | -18.0 | V | Energy Discrimination | 5.0 | V |
| He Flow | 5.0 | mL/min | OctP RF | 190 | V | | | |