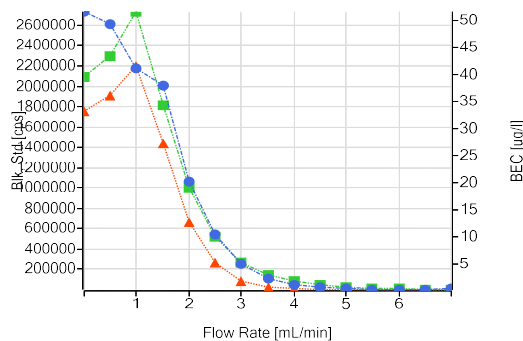


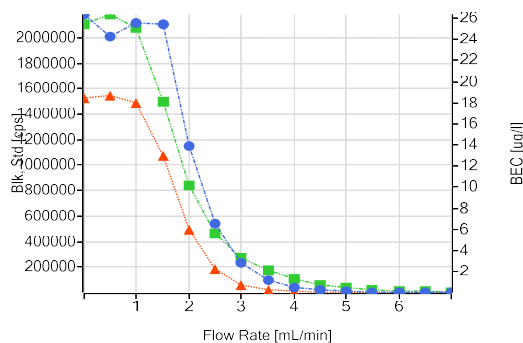
Ramp Cell Gas

He Gas - 51 u



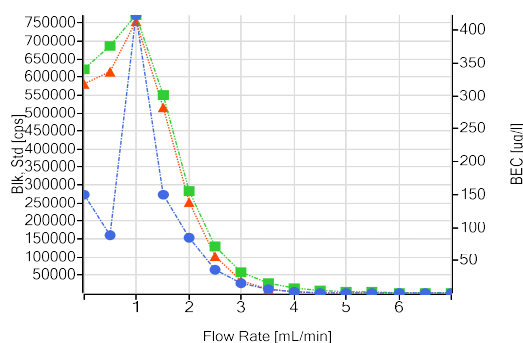
| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 1754124.22 | 2093855.00 | 5.163E+01 |
| 0.50 | 1915145.63 | 2302280.51 | 4.947E+01 |
| 1.00 | 2197996.77 | 2731957.90 | 4.116E+01 |
| 1.50 | 1436532.29 | 1815616.51 | 3.789E+01 |
| 2.00 | 668974.19 | 998617.86 | 2.029E+01 |
| 2.50 | 264889.05 | 516228.46 | 1.054E+01 |
| 3.00 | 88830.88 | 265700.98 | 5.022E+00 |
| 3.50 | 29041.01 | 149765.70 | 2.406E+00 |
| 4.00 | 8805.21 | 82932.38 | 1.188E+00 |
| 4.50 | 2971.25 | 45459.78 | 6.993E-01 |
| 5.00 | 1093.03 | 24008.41 | 4.770E-01 |
| 5.50 | 425.01 | 12462.43 | 3.531E-01 |
| 6.00 | 221.00 | 6807.32 | 3.355E-01 |
| 6.50 | 85.00 | 3210.29 | 2.720E-01 |
| 7.00 | 61.00 | 1570.07 | 4.042E-01 |

He Gas - 52 u



| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 1525175.83 | 2104144.90 | 2.634E+01 |
| 0.50 | 1545597.29 | 2183188.07 | 2.424E+01 |
| 1.00 | 1491414.43 | 2075792.03 | 2.552E+01 |
| 1.50 | 1074294.27 | 1497734.01 | 2.537E+01 |
| 2.00 | 490482.97 | 844470.00 | 1.386E+01 |
| 2.50 | 185569.30 | 466042.86 | 6.616E+00 |
| 3.00 | 60734.90 | 273098.16 | 2.860E+00 |
| 3.50 | 17766.99 | 170985.60 | 1.160E+00 |
| 4.00 | 4960.70 | 105428.80 | 4.938E-01 |
| 4.50 | 1479.06 | 62625.60 | 2.419E-01 |
| 5.00 | 444.01 | 35390.65 | 1.271E-01 |
| 5.50 | 164.00 | 19865.25 | 8.324E-02 |
| 6.00 | 84.00 | 11170.56 | 7.577E-02 |
| 6.50 | 28.00 | 5725.94 | 4.914E-02 |
| 7.00 | 18.00 | 2789.22 | 6.495E-02 |

He Gas - 53 u

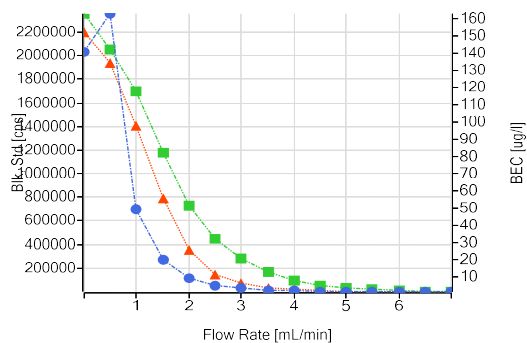


| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 580943.26 | 619907.42 | 1.491E+02 |
| 0.50 | 615323.92 | 685775.91 | 8.734E+01 |
| 1.00 | 753579.58 | 771414.79 | 4.225E+02 |
| 1.50 | 514264.44 | 548763.63 | 1.491E+02 |
| 2.00 | 252678.53 | 282927.41 | 8.353E+01 |
| 2.50 | 101694.01 | 130319.52 | 3.553E+01 |
| 3.00 | 34727.69 | 57634.58 | 1.516E+01 |
| 3.50 | 9997.86 | 28740.21 | 5.334E+00 |
| 4.00 | 2655.20 | 14954.38 | 2.159E+00 |
| 4.50 | 693.01 | 8140.89 | 9.305E-01 |
| 5.00 | 180.00 | 4516.59 | 4.151E-01 |
| 5.50 | 61.00 | 2595.19 | 2.407E-01 |
| 6.00 | 22.00 | 1371.05 | 1.631E-01 |
| 6.50 | 5.00 | 737.02 | 6.830E-02 |
| 7.00 | 2.00 | 352.00 | 5.714E-02 |

Blk
 Std
 BEC

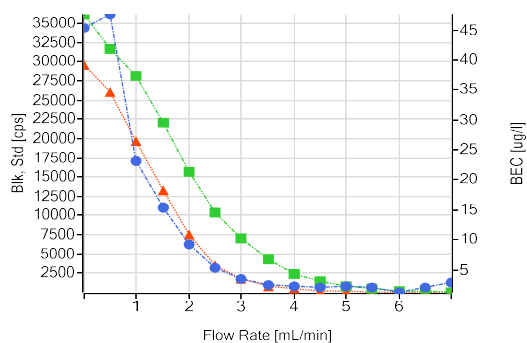
Ramp Cell Gas

He Gas - 56 u



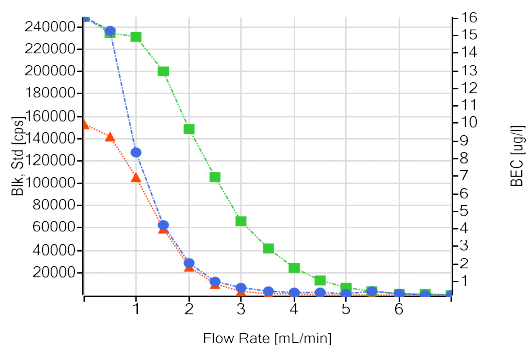
| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 2200513.13 | 2356913.54 | 1.407E+02 |
| 0.50 | 1938896.20 | 2058034.74 | 1.627E+02 |
| 1.00 | 1412779.95 | 1700195.63 | 4.915E+01 |
| 1.50 | 789000.55 | 1182247.86 | 2.006E+01 |
| 2.00 | 358012.50 | 733340.13 | 9.539E+00 |
| 2.50 | 150719.87 | 448797.24 | 5.056E+00 |
| 3.00 | 70218.25 | 278868.65 | 3.365E+00 |
| 3.50 | 32402.01 | 170954.61 | 2.339E+00 |
| 4.00 | 17071.71 | 97800.68 | 2.115E+00 |
| 4.50 | 8004.84 | 55393.60 | 1.689E+00 |
| 5.00 | 4078.48 | 30235.13 | 1.559E+00 |
| 5.50 | 2022.12 | 16125.44 | 1.434E+00 |
| 6.00 | 1061.03 | 8531.08 | 1.420E+00 |
| 6.50 | 570.01 | 4290.53 | 1.532E+00 |
| 7.00 | 306.00 | 2095.13 | 1.710E+00 |

He Gas - 57 u



| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 29595.03 | 36120.63 | 4.535E+01 |
| 0.50 | 26096.18 | 31581.89 | 4.757E+01 |
| 1.00 | 19661.05 | 28166.01 | 2.312E+01 |
| 1.50 | 13311.73 | 22023.87 | 1.528E+01 |
| 2.00 | 7544.97 | 15723.74 | 9.225E+00 |
| 2.50 | 3553.70 | 10369.75 | 5.214E+00 |
| 3.00 | 1823.43 | 7044.75 | 3.492E+00 |
| 3.50 | 837.02 | 4327.20 | 2.398E+00 |
| 4.00 | 452.01 | 2418.17 | 2.299E+00 |
| 4.50 | 239.00 | 1402.06 | 2.055E+00 |
| 5.00 | 140.00 | 789.02 | 2.157E+00 |
| 5.50 | 72.00 | 432.01 | 2.000E+00 |
| 6.00 | 21.00 | 195.00 | 1.207E+00 |
| 6.50 | 16.00 | 96.00 | 2.000E+00 |
| 7.00 | 13.00 | 60.00 | 2.766E+00 |

He Gas - 75 u

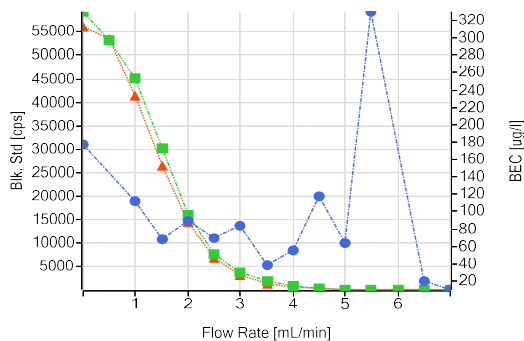


| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 153258.59 | 248749.42 | 1.605E+01 |
| 0.50 | 141467.03 | 234018.83 | 1.529E+01 |
| 1.00 | 105240.48 | 231572.30 | 8.330E+00 |
| 1.50 | 59723.40 | 200641.60 | 4.238E+00 |
| 2.00 | 25128.31 | 149135.97 | 2.026E+00 |
| 2.50 | 9562.65 | 105273.99 | 9.991E-01 |
| 3.00 | 3837.09 | 66297.31 | 6.143E-01 |
| 3.50 | 1646.08 | 42215.03 | 4.057E-01 |
| 4.00 | 819.02 | 23813.47 | 3.562E-01 |
| 4.50 | 462.01 | 12911.84 | 3.711E-01 |
| 5.00 | 206.00 | 6639.28 | 3.202E-01 |
| 5.50 | 125.00 | 3155.29 | 4.125E-01 |
| 6.00 | 50.00 | 1558.07 | 3.316E-01 |
| 6.50 | 16.00 | 716.02 | 2.286E-01 |
| 7.00 | 7.00 | 298.00 | 2.405E-01 |



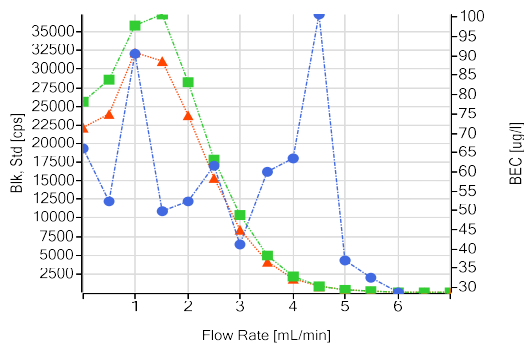
Ramp Cell Gas

He Gas - 77 u



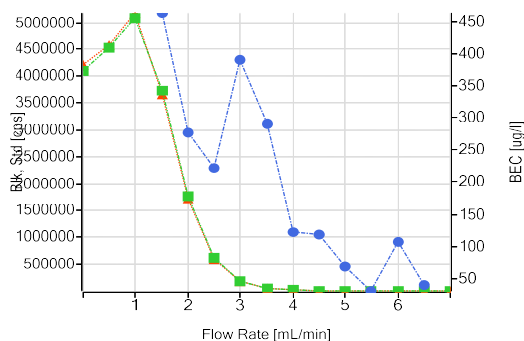
| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 56144.81 | 59312.08 | 1.773E+02 |
| 0.50 | 53650.45 | 53389.68 | |
| 1.00 | 41523.39 | 45246.10 | 1.115E+02 |
| 1.50 | 26440.31 | 30300.01 | 6.850E+01 |
| 2.00 | 14325.96 | 15920.70 | 8.983E+01 |
| 2.50 | 6764.67 | 7731.74 | 6.995E+01 |
| 3.00 | 3276.98 | 3670.39 | 8.330E+01 |
| 3.50 | 1363.06 | 1723.42 | 3.782E+01 |
| 4.00 | 575.01 | 678.01 | 5.582E+01 |
| 4.50 | 258.00 | 280.00 | 1.173E+02 |
| 5.00 | 70.00 | 81.00 | 6.364E+01 |
| 5.50 | 33.00 | 34.00 | 3.300E+02 |
| 6.00 | 6.00 | 3.00 | |
| 6.50 | 2.00 | 3.00 | 2.000E+01 |
| 7.00 | 1.00 | 2.00 | 1.000E+01 |

He Gas - 78 u



| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 22217.70 | 25575.69 | 6.616E+01 |
| 0.50 | 23990.07 | 28577.14 | 5.230E+01 |
| 1.00 | 32280.29 | 35850.69 | 9.041E+01 |
| 1.50 | 31084.76 | 37340.52 | 4.969E+01 |
| 2.00 | 23769.76 | 28323.35 | 5.220E+01 |
| 2.50 | 15390.28 | 17885.97 | 6.167E+01 |
| 3.00 | 8438.74 | 10483.21 | 4.128E+01 |
| 3.50 | 4207.52 | 4907.37 | 6.012E+01 |
| 4.00 | 1863.10 | 2157.14 | 6.336E+01 |
| 4.50 | 796.02 | 875.02 | 1.008E+02 |
| 5.00 | 277.00 | 352.00 | 3.693E+01 |
| 5.50 | 85.00 | 111.00 | 3.269E+01 |
| 6.00 | 23.00 | 31.00 | 2.875E+01 |
| 6.50 | 6.00 | 6.00 | |
| 7.00 | 5.00 | 1.00 | |

He Gas - 80 u

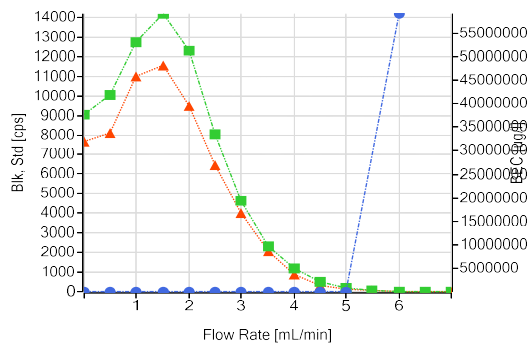


| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 4216514.87 | 4096339.42 | |
| 0.50 | 4583091.96 | 4538897.30 | |
| 1.00 | 5172523.60 | 5077144.77 | |
| 1.50 | 3650815.01 | 3729617.19 | 4.633E+02 |
| 2.00 | 1711810.10 | 1773711.35 | 2.765E+02 |
| 2.50 | 597717.15 | 624623.39 | 2.221E+02 |
| 3.00 | 179201.44 | 183799.13 | 3.898E+02 |
| 3.50 | 47593.93 | 49230.54 | 2.908E+02 |
| 4.00 | 11980.19 | 12958.90 | 1.224E+02 |
| 4.50 | 3285.32 | 3562.37 | 1.186E+02 |
| 5.00 | 862.02 | 986.03 | 6.951E+01 |
| 5.50 | 249.00 | 331.00 | 3.037E+01 |
| 6.00 | 96.00 | 105.00 | 1.067E+02 |
| 6.50 | 24.00 | 30.00 | 4.000E+01 |
| 7.00 | 7.00 | 4.00 | |



Ramp Cell Gas

He Gas - 82 u



| Flow Rate [mL/min] | Blk [cps] | Std [cps] | BEC [ug/l] |
|-----------------------|--------------|--------------|---------------|
| 0.00 | 7671.72 | 9019.04 | 5.694E+01 |
| 0.50 | 8125.29 | 10019.62 | 4.289E+01 |
| 1.00 | 10990.19 | 12751.41 | 6.240E+01 |
| 1.50 | 11563.90 | 14185.88 | 4.410E+01 |
| 2.00 | 9509.31 | 12321.10 | 3.382E+01 |
| 2.50 | 6437.88 | 8018.55 | 4.073E+01 |
| 3.00 | 4023.81 | 4627.29 | 6.668E+01 |
| 3.50 | 2067.13 | 2353.50 | 7.218E+01 |
| 4.00 | 909.02 | 1185.04 | 3.293E+01 |
| 4.50 | 323.00 | 493.01 | 1.900E+01 |
| 5.00 | 154.00 | 160.00 | 2.567E+02 |
| 5.50 | 52.00 | 37.00 | |
| 6.00 | 24.00 | 24.00 | 5.921E+07 |
| 6.50 | 4.00 | 3.00 | |
| 7.00 | 0.00 | 0.00 | |

▲ Blk
■ Std
● BEC