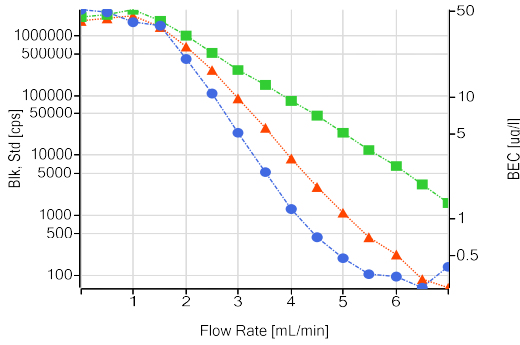


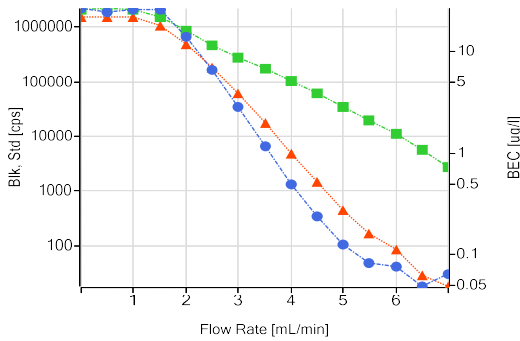
Ramp Cell Gas

He Gas - 51 u



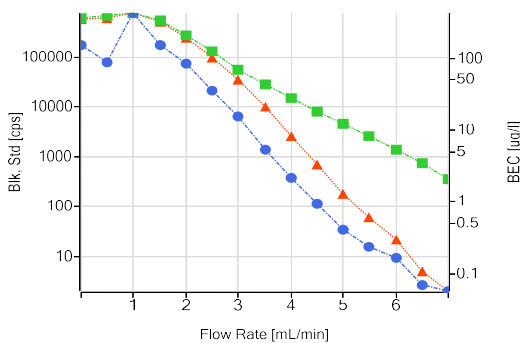
Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	1754124.22	2093855.00	5.163E+01
0.50	1915145.63	2302280.51	4.947E+01
1.00	2197996.77	2731957.90	4.116E+01
1.50	1436532.29	1815616.51	3.789E+01
2.00	668974.19	998617.86	2.029E+01
2.50	264889.05	516228.46	1.054E+01
3.00	88830.88	265700.98	5.022E+00
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

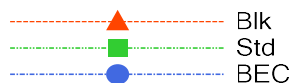


Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	1525175.83	2104144.90	2.634E+01
0.50	1545597.29	2183188.07	2.424E+01
1.00	1491414.43	2075792.03	2.552E+01
1.50	1074294.27	1497734.01	2.537E+01
2.00	490482.97	844470.00	1.386E+01
2.50	185569.30	466042.86	6.616E+00
3.00	60734.90	273098.16	2.860E+00
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

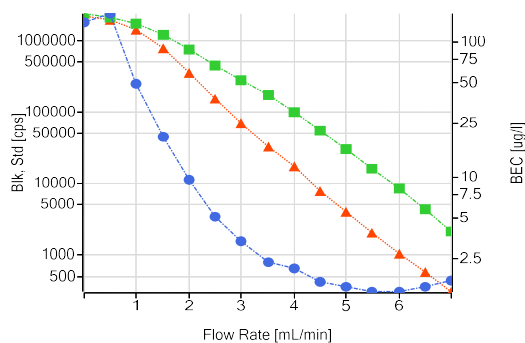


Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	580943.26	619907.42	1.491E+02
0.50	615323.92	685775.91	8.734E+01
1.00	753579.58	771414.79	4.225E+02
1.50	514264.44	548763.63	1.491E+02
2.00	252678.53	282927.41	8.353E+01
2.50	101694.01	130319.52	3.553E+01
3.00	34727.69	57634.58	1.516E+01
3.50	9997.86	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



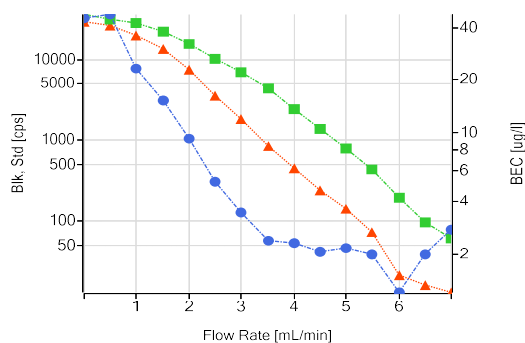
Ramp Cell Gas

He Gas - 56 u



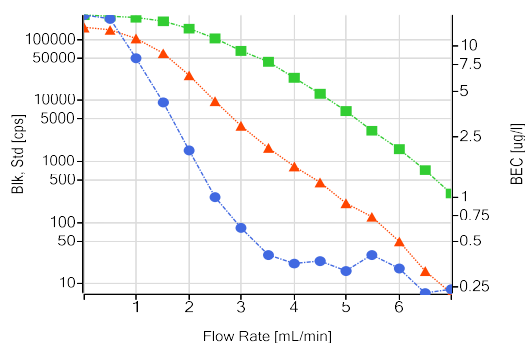
Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	2200513.13	2356913.54	1.407E+02
0.50	1938896.20	2058034.74	1.627E+02
1.00	1412779.95	1700195.63	4.915E+01
1.50	789000.55	1182247.86	2.006E+01
2.00	358012.50	733340.13	9.539E+00
2.50	150719.87	448797.24	5.056E+00
3.00	70218.25	278868.65	3.365E+00
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

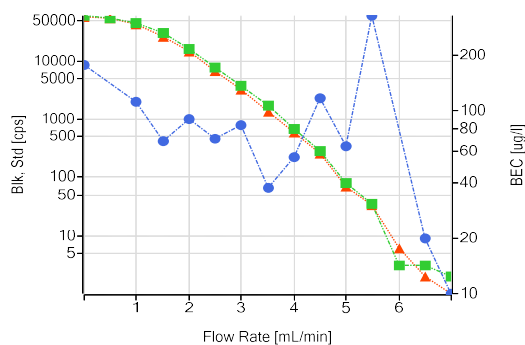


Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	153258.59	248749.42	1.605E+01
0.50	141467.03	234018.83	1.529E+01
1.00	105240.48	231572.30	8.330E+00
1.50	59723.40	200641.60	4.238E+00
2.00	25128.31	149135.97	2.026E+00
2.50	9562.65	105273.99	9.991E-01
3.00	3837.09	66297.31	6.143E-01
3.50	1646.08	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



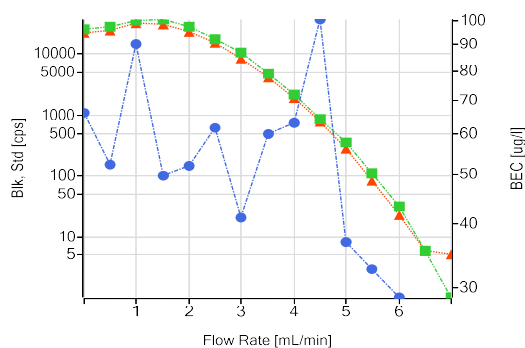
Ramp Cell Gas

He Gas - 77 u



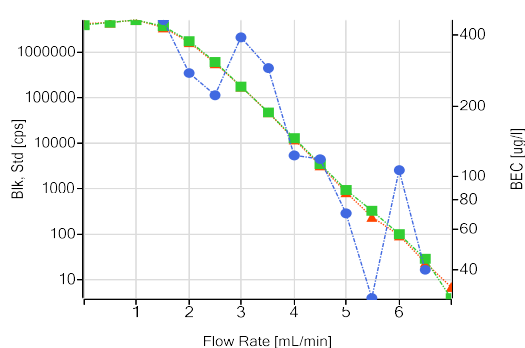
Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	56144.81	59312.08	1.773E+02
0.50	53650.45	53389.68	
1.00	41523.39	45246.10	1.115E+02
1.50	26440.31	30300.01	6.850E+01
2.00	14325.96	15920.70	8.983E+01
2.50	6764.67	7731.74	6.995E+01
3.00	3276.98	3670.39	8.330E+01
3.50	1363.06	1723.42	3.782E+01
4.00	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

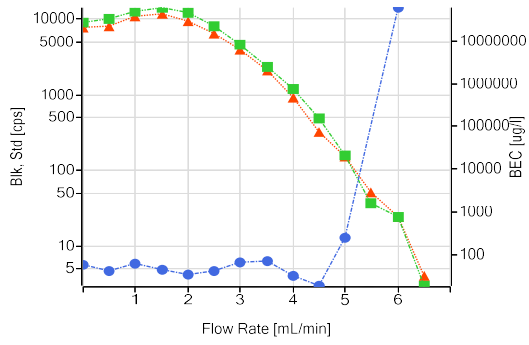


Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	4216514.87	4096339.42	
0.50	4583091.96	4538897.30	
1.00	5172523.60	5077144.77	
1.50	3650815.01	3729617.19	4.633E+02
2.00	1711810.10	1773711.35	2.765E+02
2.50	597717.15	624623.39	2.221E+02
3.00	179201.44	183799.13	3.898E+02
3.50	47593.93	49230.54	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	

