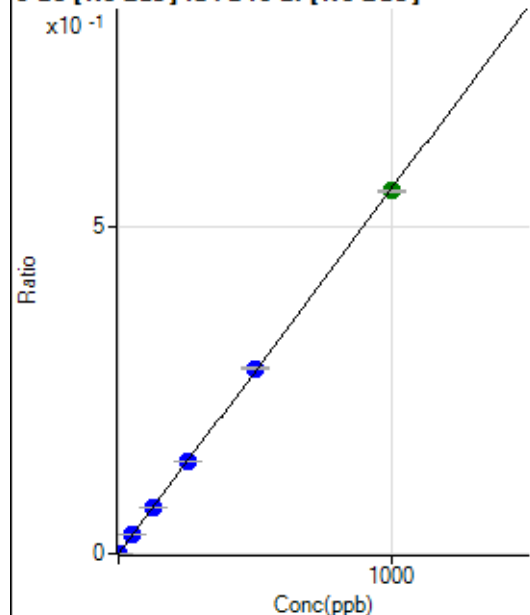


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8011824MS.b\
 Analysis File: P8011824MS.batch.bin
 DA Date-Time: 2024-01-18 22:29:13
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-01-18 12:59:40
2	005CALS.d	S02	2024-01-18 13:03:05
3	007CALS.d	S03	2024-01-18 13:09:46
4	008CALS.d	S04	2024-01-18 13:13:03
5	009CALS.d	S05	2024-01-18 13:16:09
6	010CALS.d	S06	2024-01-18 13:19:12
7	011CALS.d	S07	2024-01-18 13:22:14
8	012CALS.d	S08	2024-01-18 13:25:18

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.07	0.0000	P	4.6
2	☐	1.000	0.989	1896.97	0.0006	P	4.5
3	☐	50.000	50.870	91659.33	0.0284	P	1.3
4	☐	125.000	126.301	221493.14	0.0705	P	2.2
5	☐	250.000	254.350	426124.75	0.1420	P	0.8
6	☐	500.000	508.480	804892.91	0.2839	P	0.6
7	☐	1000.000	994.466	1533789.81	0.5552	A	0.6
8	☐			444.12	0.0002	P	57.8

$$y = 5.5824\text{E-}004 * x + 1.5235\text{E-}005$$

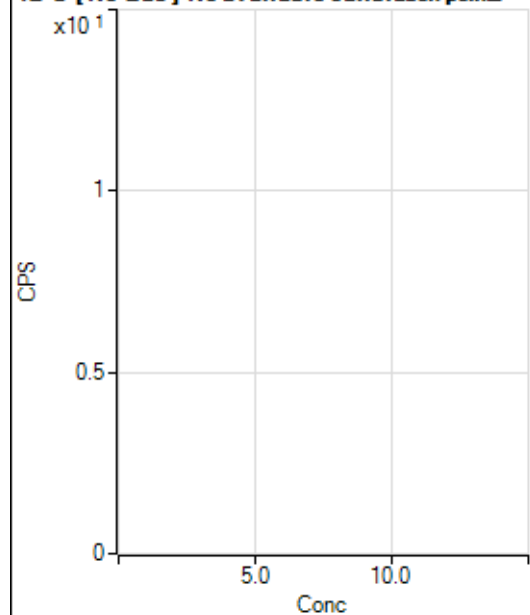
$$R = 0.9999$$

$$DL = 0.00377$$

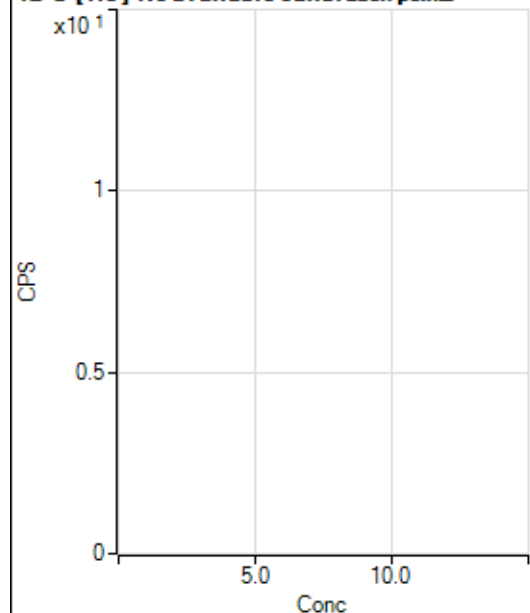
$$BEC = 0.02729$$

Weight: <None>

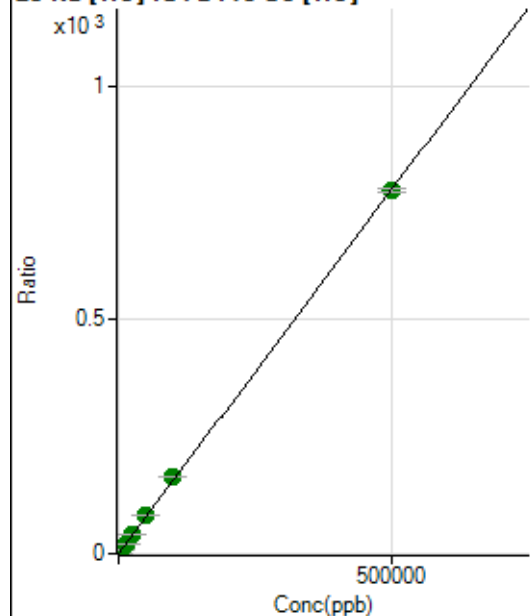
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2507832.81		A	0.3
2	☐			2467243.24		A	1.3
3	☐			2413634.10		A	0.9
4	☐			2397822.81		A	1.1
5	☐			2408064.51		A	1.8
6	☐			2634617.67		A	1.7
7	☐			3144201.93		A	3.3
8	☐			2762534.07		A	5.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31323.41		P	0.6
2	☐			30517.25		P	1.1
3	☐			29870.34		P	0.9
4	☐			30016.19		P	0.4
5	☐			30939.19		P	1.1
6	☐			33818.81		P	0.9
7	☐			43220.14		P	0.9
8	☐			44647.62		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10423.79	0.0583	P	0.1
2	☐	500.000	473.072	143042.05	0.7947	P	0.6
3	☐	5000.000	5356.570	1400380.81	8.3957	A	1.2
4	☐	12500.000	13241.375	3326398.11	20.6681	A	1.4
5	☐	25000.000	26218.953	6289786.78	40.8673	A	0.8
6	☐	50000.000	52397.076	12054544.96	81.6128	A	0.5
7	☐	100000.00	105274.66	24043617.14	163.9151	A	1.4
8	☐	500000.00	498622.33	128055108.0	776.1487	A	1.0

$$y = 0.0016 * x + 0.0583$$

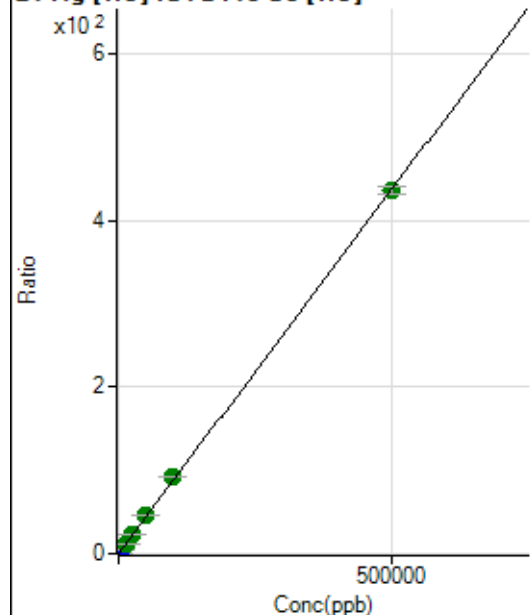
$$R = 0.9999$$

$$DL = 0.1523$$

$$BEC = 37.48$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	131.11	0.0007	P	18.8
2	☐	500.000	484.914	76411.20	0.4245	P	0.7
3	☐	5000.000	5273.406	768590.01	4.6091	P	1.7
4	☐	12500.000	13551.044	1906145.39	11.8429	A	0.5
5	☐	25000.000	26925.908	3621842.34	23.5312	A	0.4
6	☐	50000.000	52844.062	6821249.41	46.1809	A	1.4
7	☐	100000.00	105899.23	13575076.46	92.5456	A	1.1
8	☐	500000.00	498410.45	71863371.71	435.5595	A	2.0

$$y = 8.7390\text{E-}004 * x + 7.3332\text{E-}004$$

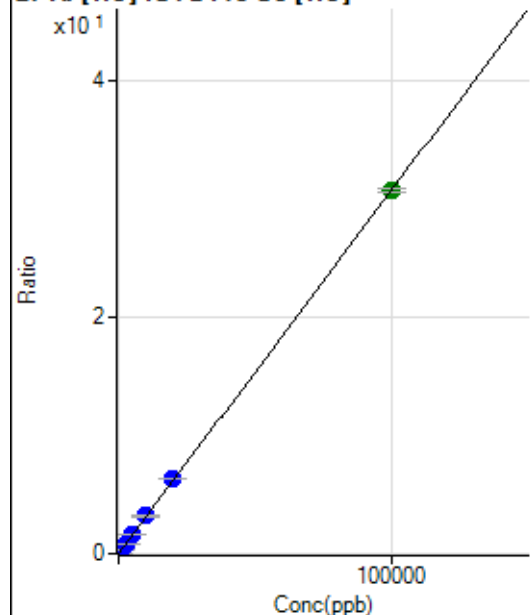
$$R = 0.9999$$

$$DL = 0.4722$$

$$BEC = 0.8391$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	115.56	0.0006	P	17.9
2	☐	20.000	17.444	1082.27	0.0060	P	5.7
3	☐	1000.000	1053.912	54148.09	0.3247	P	2.1
4	☐	2500.000	2585.561	128068.98	0.7957	P	1.1
5	☐	5000.000	5211.452	246750.91	1.6031	P	0.4
6	☐	10000.000	10325.161	469046.95	3.1755	P	0.9
7	☐	20000.000	20606.854	929570.57	6.3371	P	1.9
8	☐	100000.00	99832.863	5064873.68	30.6983	A	1.2

$$y = 3.0749\text{E-}004 * x + 6.4704\text{E-}004$$

$$R = 1.0000$$

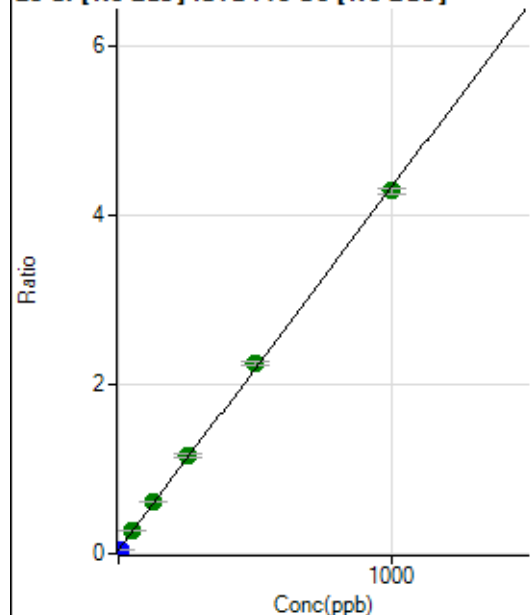
$$DL = 1.131$$

$$BEC = 2.104$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	240373.95	0.0446	P	5.5
2	☐	10.000	1.542	267254.41	0.0513	P	1.9
3	☐	50.000	54.282	1417322.81	0.2778	A	2.0
4	☐	125.000	133.413	3036953.15	0.6176	A	2.6
5	☐	250.000	259.920	5553499.57	1.1610	A	2.9
6	☐	500.000	513.359	10364957.00	2.2495	A	1.5
7	☐	1000.000	989.659	19260765.69	4.2952	A	1.4
8	☐			1729849.16	0.3906	A	6.2

$$y = 0.0043 * x + 0.0446$$

$$R = 0.9997$$

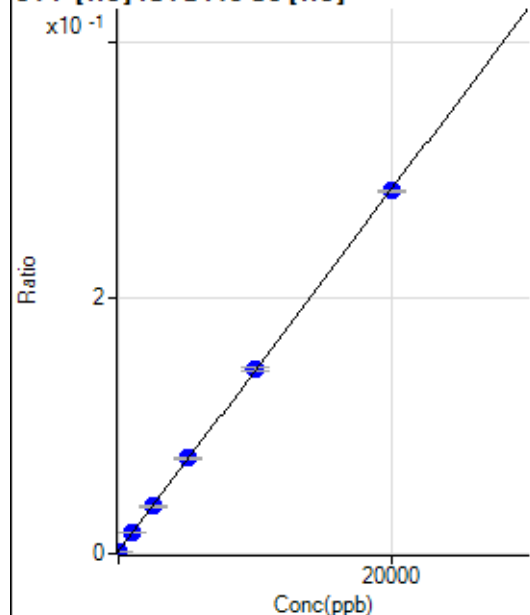
$$DL = 1.7$$

$$BEC = 10.39$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.935	285.56	0.0016	P	2.2
2	☐	0.000	10.935	343.34	0.0019	P	0.8
3	☐	1000.000	1030.629	2723.61	0.0163	P	2.0
4	☐	2500.000	2504.503	5981.29	0.0372	P	2.6
5	☐	5000.000	5148.231	11475.74	0.0745	P	2.2
6	☐	10000.000	10088.802	21327.99	0.1444	P	1.9
7	☐	20000.000	19916.447	41563.83	0.2834	P	0.5
8	☐			265.56	0.0016	P	13.0

$$y = 1.4139E-005 * x + 0.0018$$

$$R = 1.0000$$

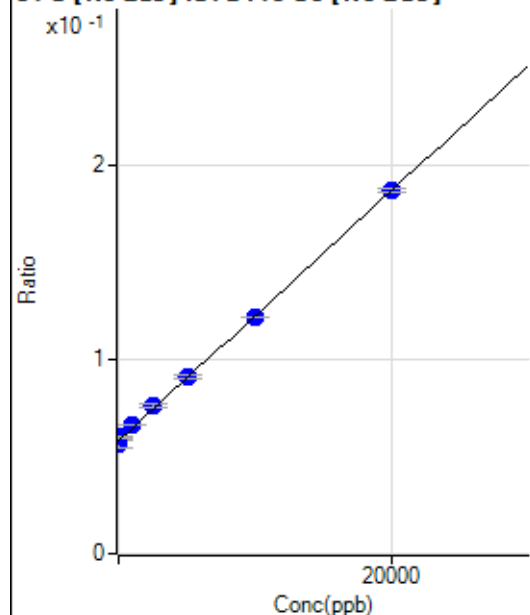
$$DL = 5.302$$

$$BEC = 124$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-270.821	304378.82	0.0565	P	6.1
2	☐	0.000	270.821	313048.99	0.0600	P	0.5
3	☐	1000.000	1261.077	339068.41	0.0664	P	0.6
4	☐	2500.000	2755.210	374191.22	0.0761	P	2.4
5	☐	5000.000	5167.434	438524.96	0.0917	P	2.3
6	☐	10000.000	9905.625	563413.31	0.1223	P	0.4
7	☐	20000.000	19960.374	839405.13	0.1872	P	1.0
8	☐			273497.39	0.0618	P	1.3

$$y = 6.4585E-006 * x + 0.0583$$

R = 0.9996

DL = 874.3

BEC = 9026

Weight: <None>

Min Conc: 0

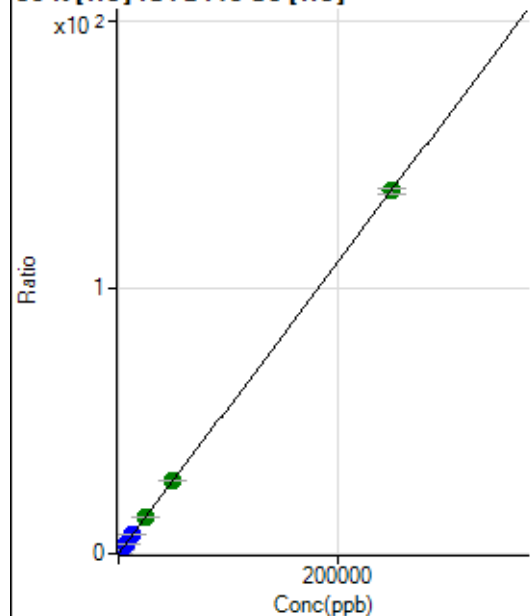
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			98910.15		P	0.1
2	☐			95194.54		P	0.7
3	☐			140520.44		P	0.5
4	☐			177757.71		P	2.3
5	☐			240834.84		P	2.2
6	☐			438472.98		P	1.7
7	☐			892519.06		P	3.9
8	☐			278808.50		P	4.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			678.91		P	5.7
2	☐			668.91		P	14.0
3	☐			955.60		P	5.3
4	☐			1262.29		P	1.9
5	☐			1720.12		P	2.4
6	☐			3143.70		P	2.2
7	☐			6429.27		P	1.5
8	☐			2296.87		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7231.87	0.0405	P	1.2
2	☐	500.000	468.671	53304.65	0.2961	P	1.0
3	☐	2500.000	2521.777	236156.99	1.4161	P	1.2
4	☐	6250.000	6315.981	561056.30	3.4858	P	0.5
5	☐	12500.000	12746.533	1076432.76	6.9937	P	0.5
6	☐	25000.000	25674.837	2074683.96	14.0461	A	0.5
7	☐	50000.000	50761.949	4067866.57	27.7311	A	0.5
8	☐	250000.00	249765.99	22484269.94	136.2878	A	1.6

$$y = 5.4550\text{E-}004 * x + 0.0405$$

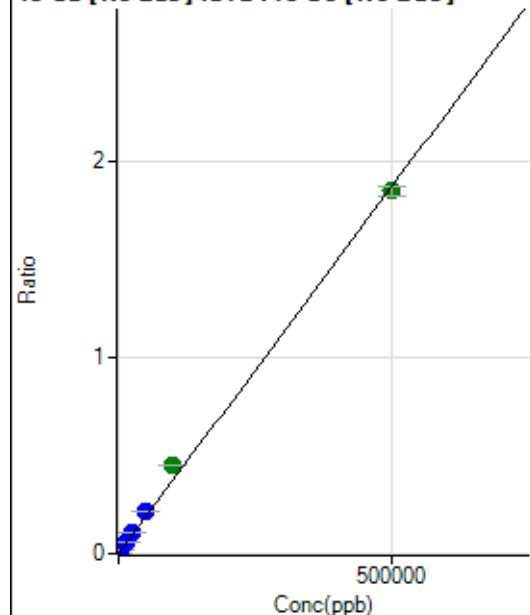
$$R = 1.0000$$

$$DL = 2.574$$

$$BEC = 74.19$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	220.01	0.0000	P	12.1
2	☐	500.000	480.553	9559.94	0.0018	P	0.8
3	☐	5000.000	5913.802	112783.71	0.0221	P	0.9
4	☐	12500.000	14942.216	274288.90	0.0558	P	1.9
5	☐	25000.000	29271.802	522585.37	0.1092	P	2.0
6	☐	50000.000	58001.119	997166.20	0.2164	P	1.4
7	☐	100000.00	121019.60	2024403.91	0.4515	A	1.0
8	☐	500000.00	494712.20	8171596.75	1.8455	A	2.4

$$y = 3.7305\text{E-}006 * x + 4.0963\text{E-}005$$

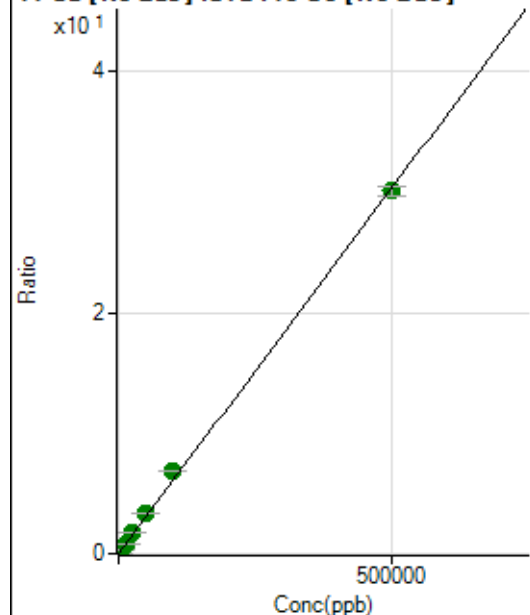
$$R = 0.9990$$

$$DL = 3.994$$

$$BEC = 10.98$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32056.92	0.0060	P	7.2
2	☐	500.000	490.728	185892.05	0.0357	P	1.2
3	☐	5000.000	5749.329	1805863.79	0.3539	A	1.6
4	☐	12500.000	14302.574	4286372.96	0.8716	A	0.5
5	☐	25000.000	27818.573	8083283.49	1.6896	A	1.8
6	☐	50000.000	55815.935	15592607.13	3.3841	A	1.3
7	☐	100000.00	112649.23	30597442.60	6.8238	A	0.8
8	☐	500000.00	496695.08	133129662.4	30.0673	A	2.3

$$y = 6.0523\text{E-}005 * x + 0.0060$$

$$R = 0.9996$$

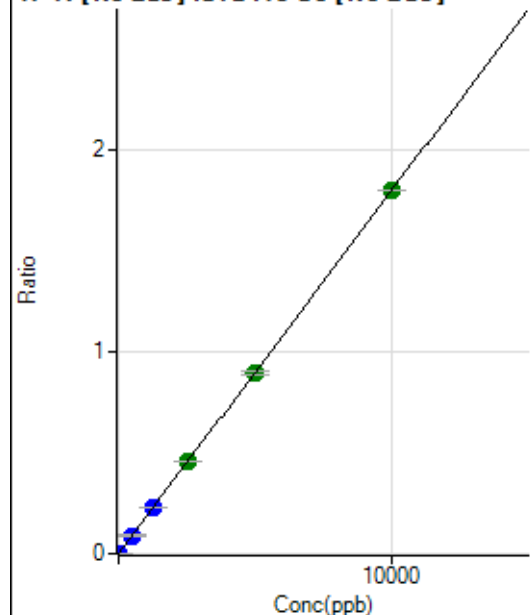
$$DL = 21.23$$

$$BEC = 98.43$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	95.56	0.0000	P	5.3
2	☐	5.000	4.837	4623.02	0.0009	P	3.6
3	☐	500.000	501.110	459525.40	0.0901	P	1.2
4	☐	1250.000	1272.149	1124051.21	0.2286	P	1.5
5	☐	2500.000	2546.040	2189300.89	0.4575	A	1.0
6	☐	5000.000	4979.736	4122966.78	0.8948	A	2.3
7	☐	10000.000	9995.798	8053290.43	1.7960	A	0.1
8	☐			2705.90	0.0006	P	42.2

$$y = 1.7968\text{E-}004 * x + 1.7681\text{E-}005$$

$$R = 1.0000$$

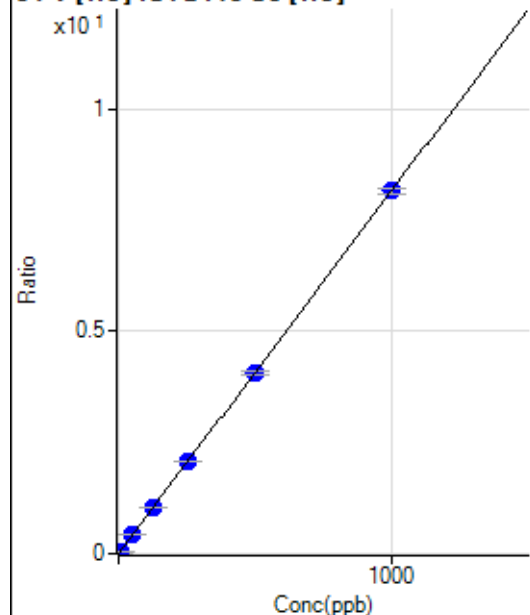
$$DL = 0.01572$$

$$BEC = 0.09841$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0001	P	56.5
2	☐	5.000	4.804	7069.58	0.0393	P	3.0
3	☐	50.000	50.976	69335.66	0.4158	P	2.0
4	☐	125.000	125.769	165091.76	1.0257	P	0.8
5	☐	250.000	253.144	317758.39	2.0645	P	1.1
6	☐	500.000	498.329	600267.01	4.0639	P	1.2
7	☐	1000.000	999.906	1196090.89	8.1542	P	1.5
8	☐			614.52	0.0037	P	65.1

$$y = 0.0082 * x + 1.0548\text{E-}004$$

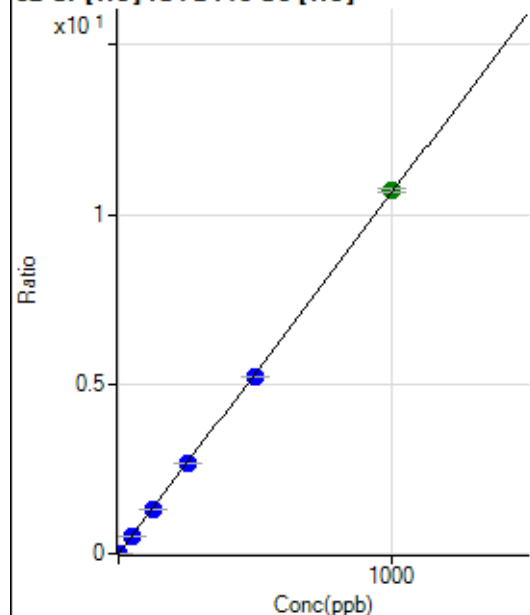
$$R = 1.0000$$

$$DL = 0.02192$$

$$BEC = 0.01294$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	953.38	0.0053	P	4.6
2	☐	2.000	1.850	4501.87	0.0250	P	1.2
3	☐	50.000	49.701	89017.14	0.5338	P	1.3
4	☐	125.000	124.295	213572.53	1.3269	P	0.4
5	☐	250.000	248.593	407642.16	2.6485	P	0.4
6	☐	500.000	490.340	770863.00	5.2189	P	0.6
7	☐	1000.000	1005.285	1568685.39	10.6941	A	1.0
8	☐			10957.72	0.0664	P	3.6

$$y = 0.0106 * x + 0.0053$$

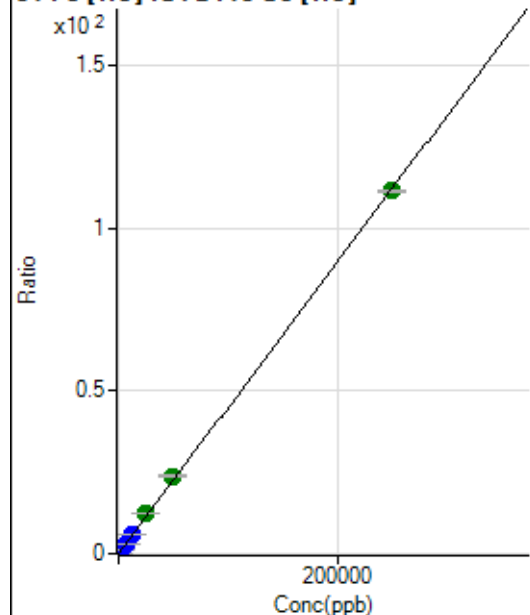
$$R = 0.9999$$

$$DL = 0.06895$$

$$BEC = 0.5019$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	301.12	0.0017	P	8.8
2	☐	50.000	50.925	4412.95	0.0245	P	1.7
3	☐	2500.000	2723.783	203879.66	1.2227	P	1.8
4	☐	6250.000	6727.582	485664.32	3.0174	P	0.3
5	☐	12500.000	13604.924	938963.94	6.1002	P	1.1
6	☐	25000.000	27529.995	1823028.60	12.3423	A	1.3
7	☐	50000.000	53392.012	3511075.50	23.9353	A	0.4
8	☐	250000.00	248999.17	18414409.31	111.6184	A	0.8

$$y = 4.4826E-004 * x + 0.0017$$

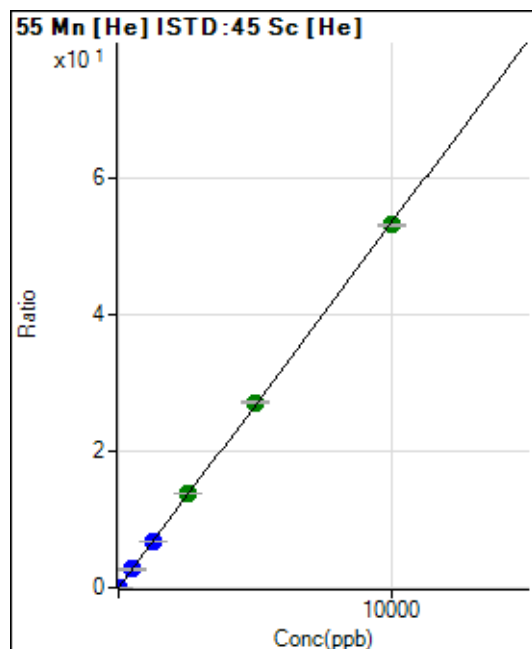
$$R = 0.9999$$

$$DL = 0.9897$$

$$BEC = 3.758$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	62.22	0.0003	P	28.9
2	☐	1.000	0.929	954.49	0.0053	P	3.0
3	☐	500.000	504.227	448512.56	2.6898	P	2.0
4	☐	1250.000	1257.121	1079274.39	6.7056	P	0.8
5	☐	2500.000	2580.717	2118680.28	13.7654	A	1.4
6	☐	5000.000	5073.332	3997001.75	27.0605	A	1.2
7	☐	10000.000	9942.053	7778924.54	53.0292	A	0.6
8	☐			8245.95	0.0501	P	33.5

$$y = 0.0053 * x + 3.4783E-004$$

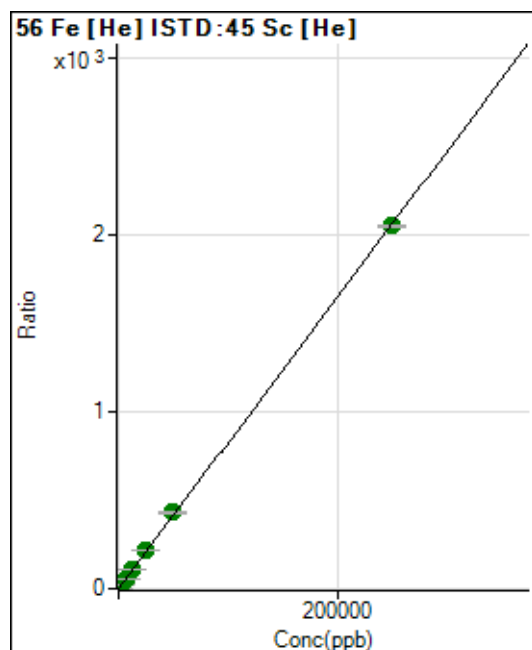
$$R = 0.9999$$

$$DL = 0.05659$$

$$BEC = 0.06521$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1977.94	0.0111	P	2.4
2	☐	50.000	49.557	75416.80	0.4190	P	0.3
3	☐	2500.000	2713.927	3726634.15	22.3482	A	1.9
4	☐	6250.000	6688.461	8862139.73	55.0607	A	0.6
5	☐	12500.000	13475.279	17074796.55	110.9199	A	1.7
6	☐	25000.000	26474.101	32186035.91	217.9073	A	1.1
7	☐	50000.000	52270.049	63107981.28	430.2220	A	0.5
8	☐	250000.00	249336.71	338570726.0	2,052.187	A	0.3

$$y = 0.0082 * x + 0.0111$$

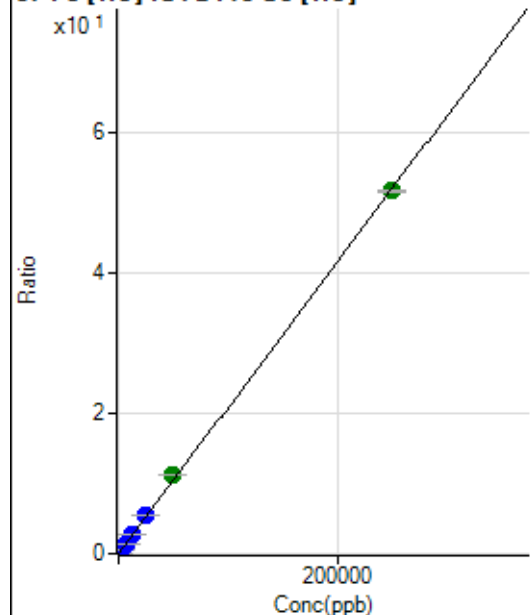
$$R = 0.9999$$

$$DL = 0.09549$$

$$BEC = 1.345$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0005	P	16.6
2	☐	50.000	50.710	1991.27	0.0111	P	3.8
3	☐	2500.000	2655.747	91991.03	0.5516	P	1.4
4	☐	6250.000	6588.265	220125.59	1.3676	P	1.1
5	☐	12500.000	13181.065	421074.11	2.7356	P	0.4
6	☐	25000.000	26181.179	802514.34	5.4332	P	0.8
7	☐	50000.000	54066.677	1645723.62	11.2195	A	1.5
8	☐	250000.00	249024.47	8525008.48	51.6736	A	0.9

$$y = 2.0750\text{E-}004 * x + 5.4059\text{E-}004$$

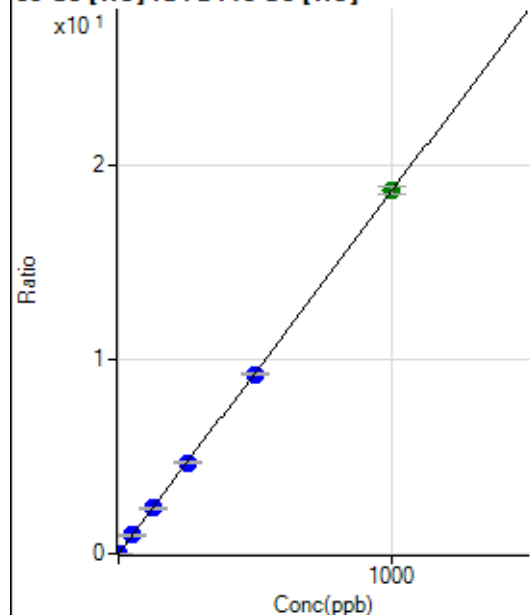
$$R = 0.9999$$

$$DL = 1.299$$

$$BEC = 2.605$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.34	0.0004	P	53.0
2	☐	1.000	0.965	3320.42	0.0184	P	2.1
3	☐	50.000	50.869	158625.08	0.9513	P	1.8
4	☐	125.000	125.170	376630.30	2.3401	P	1.2
5	☐	250.000	251.926	724894.70	4.7094	P	0.8
6	☐	500.000	495.777	1368857.64	9.2674	P	0.9
7	☐	1000.000	1001.565	2746282.60	18.7216	A	2.1
8	☐			8283.96	0.0502	P	14.7

$$y = 0.0187 * x + 4.1108\text{E-}004$$

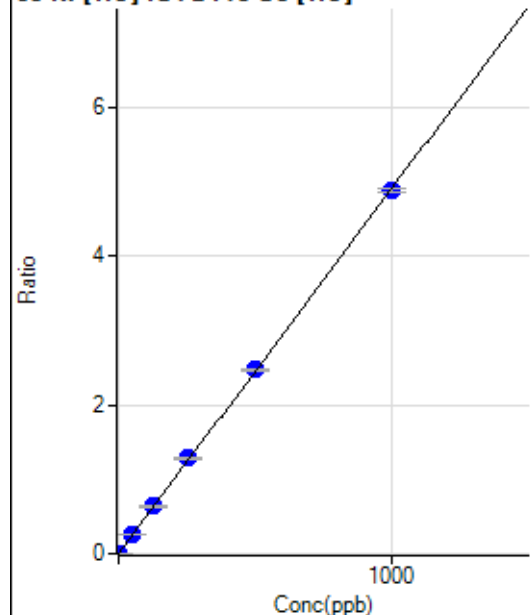
$$R = 1.0000$$

$$DL = 0.03495$$

$$BEC = 0.02199$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	93.34	0.0005	P	22.3
2	☐	1.000	0.929	914.48	0.0051	P	1.6
3	☐	50.000	52.867	43347.12	0.2599	P	2.2
4	☐	125.000	129.308	102216.06	0.6350	P	0.5
5	☐	250.000	261.557	197626.22	1.2840	P	1.2
6	☐	500.000	503.684	365143.13	2.4721	P	0.5
7	☐	1000.000	994.587	715970.11	4.8810	P	1.0
8	☐			3933.93	0.0239	P	7.3

$$y = 0.0049 * x + 5.2238E-004$$

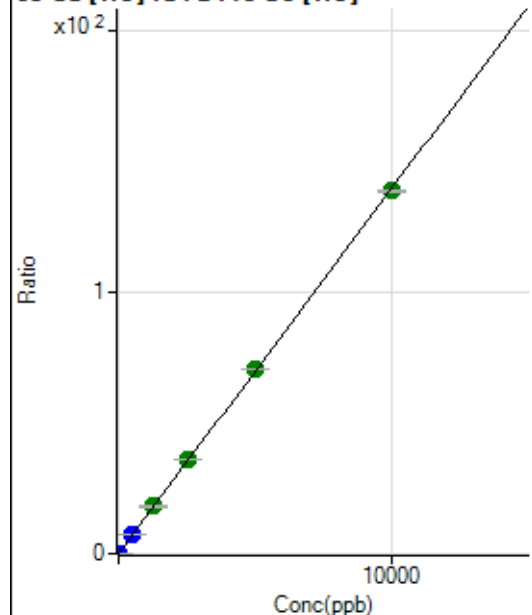
$$R = 0.9999$$

$$DL = 0.07122$$

$$BEC = 0.1065$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1252.29	0.0070	P	1.2
2	☐	2.000	1.881	5980.20	0.0332	P	2.9
3	☐	500.000	522.059	1214407.86	7.2824	P	1.4
4	☐	1250.000	1290.613	2896050.24	17.9929	A	1.2
5	☐	2500.000	2573.374	5521099.50	35.8693	A	1.2
6	☐	5000.000	5068.980	10434968.94	70.6479	A	0.2
7	☐	10000.000	9940.987	20322943.59	138.5437	A	0.6
8	☐			12292.92	0.0747	P	67.8

$$y = 0.0139 * x + 0.0070$$

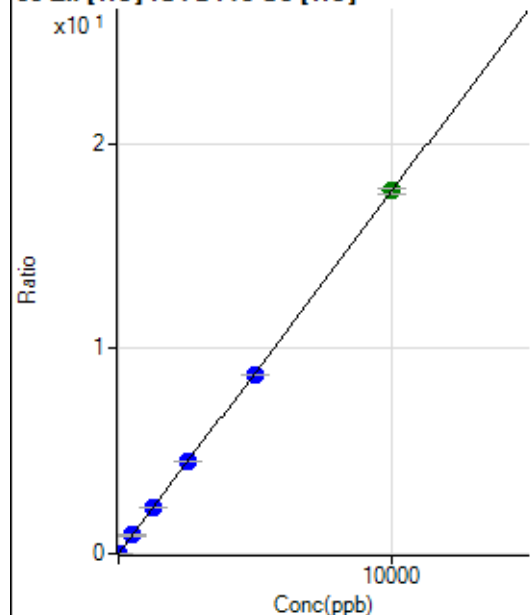
$$R = 0.9999$$

$$DL = 0.01754$$

$$BEC = 0.5029$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	318.90	0.0018	P	12.1
2	☐	2.000	4.371	1711.23	0.0095	P	6.4
3	☐	500.000	508.352	150096.01	0.9001	P	2.0
4	☐	1250.000	1274.827	362900.23	2.2546	P	0.3
5	☐	2500.000	2546.808	692997.18	4.5025	P	0.3
6	☐	5000.000	4936.051	1288683.24	8.7247	P	0.5
7	☐	10000.000	10016.751	2596782.51	17.7032	A	1.3
8	☐			5342.47	0.0324	P	18.9

$$y = 0.0018 * x + 0.0018$$

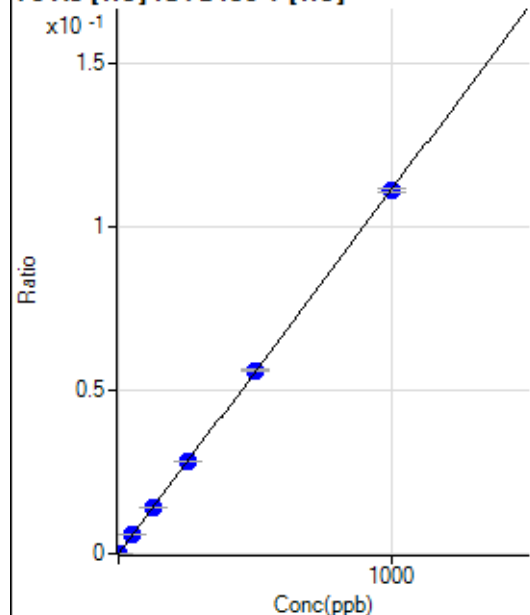
$$R = 1.0000$$

$$DL = 0.3656$$

$$BEC = 1.01$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.3
2	☐	1.000	1.080	173.34	0.0001	P	5.3
3	☐	50.000	50.987	7537.64	0.0057	P	2.3
4	☐	125.000	125.843	17914.80	0.0140	P	0.9
5	☐	250.000	254.767	34911.04	0.0284	P	1.0
6	☐	500.000	504.085	65559.47	0.0562	P	1.1
7	☐	1000.000	996.611	128498.37	0.1111	P	1.2
8	☐			90.00	0.0001	P	48.3

$$y = 1.1152E-004 * x + 2.3592E-006$$

$$R = 1.0000$$

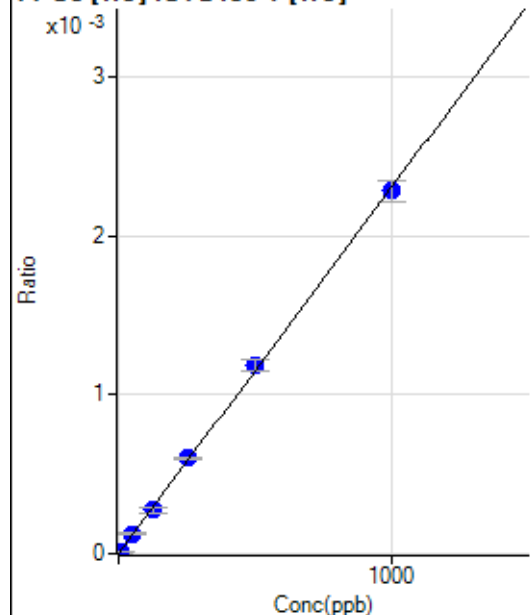
$$DL = 0.0008002$$

$$BEC = 0.02116$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	3.754	13.33	0.0000	P	49.6
3	☐	50.000	53.152	163.34	0.0001	P	11.3
4	☐	125.000	118.197	347.79	0.0003	P	13.1
5	☐	250.000	260.918	738.92	0.0006	P	2.5
6	☐	500.000	514.806	1383.42	0.0012	P	6.8
7	☐	1000.000	990.566	2636.95	0.0023	P	5.5
8	☐			18.89	0.0000	P	61.0

$$y = 2.3021\text{E-}006 * x + 7.9490\text{E-}007$$

$$R = 0.9997$$

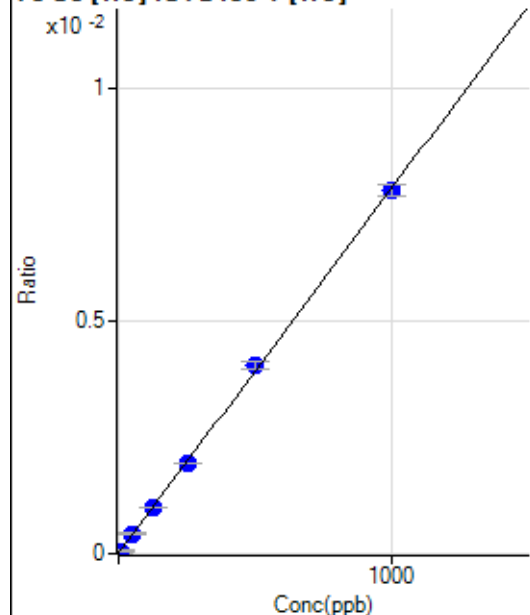
$$DL = 1.794$$

$$BEC = 0.3453$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	63.1
2	☐	5.000	6.528	83.33	0.0001	P	13.7
3	☐	50.000	53.816	568.91	0.0004	P	5.5
4	☐	125.000	125.197	1262.29	0.0010	P	3.5
5	☐	250.000	246.640	2383.56	0.0019	P	2.1
6	☐	500.000	514.439	4707.50	0.0040	P	4.5
7	☐	1000.000	993.397	9006.31	0.0078	P	3.2
8	☐			61.11	0.0000	P	12.1

$$y = 7.8327\text{E-}006 * x + 7.9122\text{E-}006$$

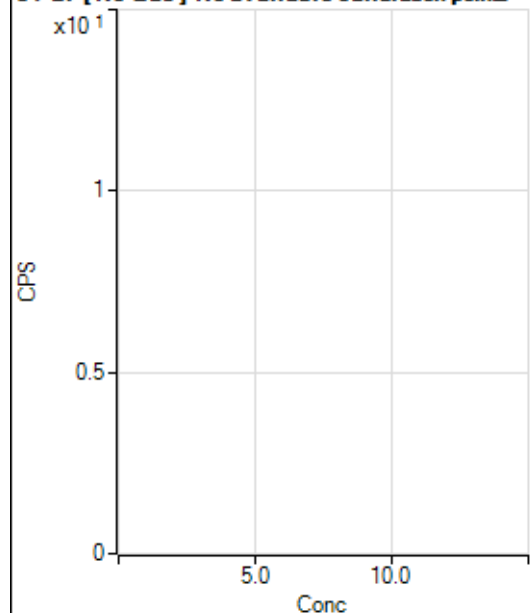
$$R = 0.9998$$

$$DL = 1.912$$

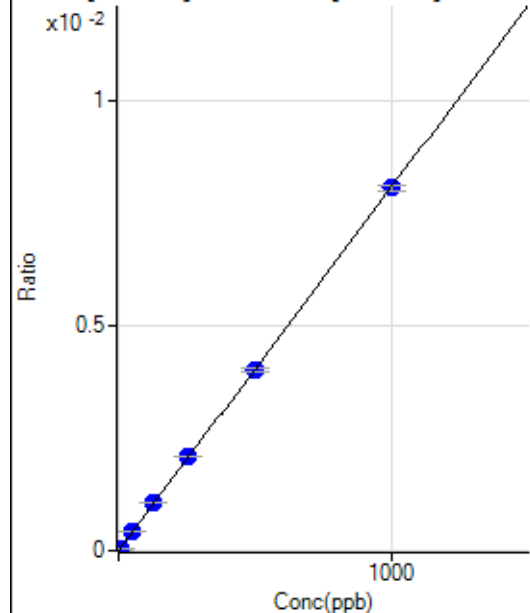
$$BEC = 1.01$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2558.04		P	3.8
2	☐			2640.28		P	2.8
3	☐			2405.79		P	4.0
4	☐			2237.98		P	7.0
5	☐			2009.05		P	2.7
6	☐			1922.37		P	3.3
7	☐			1932.38		P	1.9
8	☐			4347.39		P	8.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.89	0.0000	P	262.
2	☐	5.000	4.598	513.36	0.0000	P	9.6
3	☐	50.000	51.265	5562.38	0.0004	P	2.3
4	☐	125.000	132.717	13882.77	0.0011	P	2.4
5	☐	250.000	259.574	26211.63	0.0021	P	0.2
6	☐	500.000	497.752	49103.33	0.0040	P	2.0
7	☐	1000.000	997.705	95826.56	0.0081	P	1.9
8	☐			536.69	0.0000	P	7.2

$$y = 8.0767E-006 * x + 6.7367E-007$$

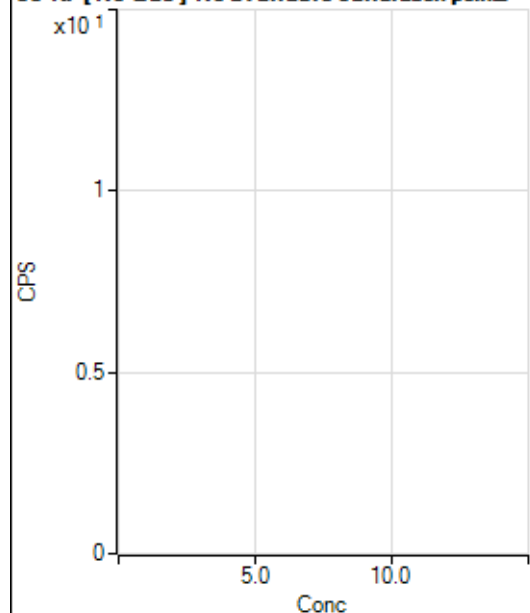
$$R = 0.9999$$

$$DL = 0.6571$$

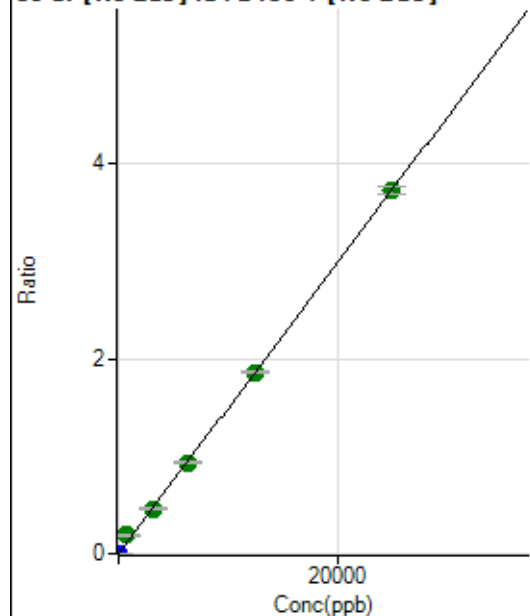
$$BEC = 0.08341$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			208.89		P	10.9
2	☐			256.67		P	2.3
3	☐			232.22		P	15.8
4	☐			230.01		P	8.1
5	☐			198.89		P	12.1
6	☐			227.78		P	13.3
7	☐			197.78		P	10.8
8	☐			225.56		P	11.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	444.46	0.0000	P	8.1
2	☐	1.000	1.018	2486.91	0.0002	P	7.1
3	☐	625.000	1270.550	2540104.70	0.1893	A	2.1
4	☐	3125.000	3106.751	5992265.95	0.4629	A	2.0
5	☐	6250.000	6248.623	11635714.83	0.9311	A	1.5
6	☐	12500.000	12504.277	22754675.49	1.8632	A	1.8
7	☐	25000.000	24984.348	44263666.01	3.7227	A	2.2
8	☐			10965.26	0.0009	P	64.1

$$y = 1.4900E-004 * x + 3.1665E-005$$

$$R = 0.9997$$

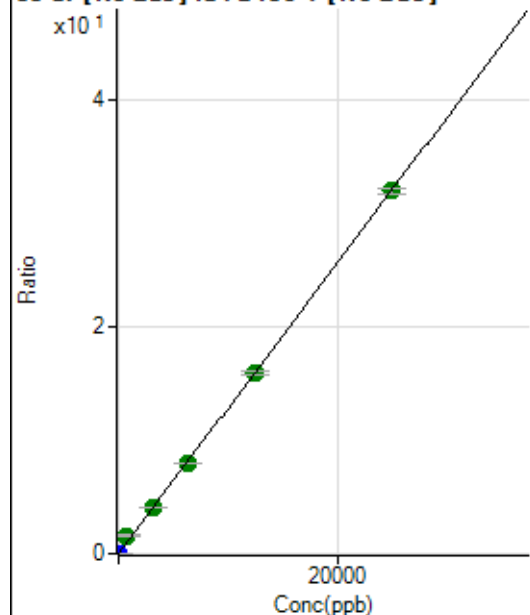
$$DL = 0.05175$$

$$BEC = 0.2125$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	585.57	0.0000	P	3.1
2	☐	1.000	0.950	17085.01	0.0013	P	3.8
3	☐	625.000	1251.586	21513084.40	1.6041	A	1.7
4	☐	3125.000	3151.141	52283307.00	4.0385	A	0.9
5	☐	6250.000	6257.565	100233899.6	8.0197	A	0.3
6	☐	12500.000	12486.293	195429554.8	16.0025	A	1.8
7	☐	25000.000	24986.030	380788007.6	32.0221	A	1.4
8	☐			93881.14	0.0081	P	57.2

$$y = 0.0013 * x + 4.1706E-005$$

$$R = 0.9997$$

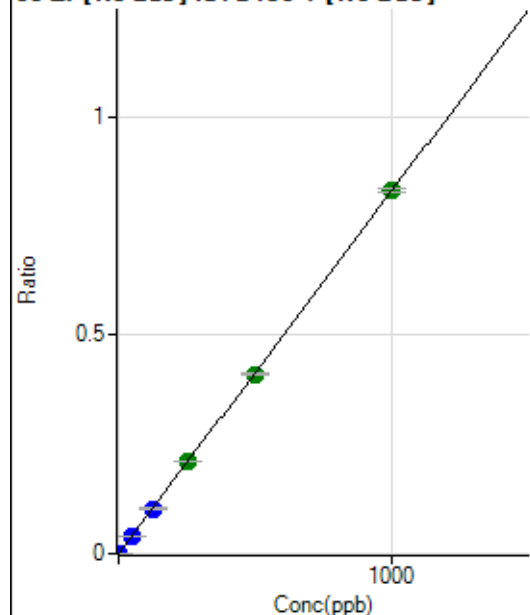
$$DL = 0.002978$$

$$BEC = 0.03254$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	618.91	0.0000	P	5.6
2	☐	1.000	0.921	10958.84	0.0008	P	2.0
3	☐	50.000	49.065	545778.65	0.0407	P	0.5
4	☐	125.000	124.262	1333108.53	0.1030	P	1.4
5	☐	250.000	253.817	2628629.11	0.2103	A	1.2
6	☐	500.000	495.934	5018313.82	0.4109	A	1.5
7	☐	1000.000	1001.218	9864023.39	0.8295	A	1.1
8	☐			5781.36	0.0005	P	24.8

$$y = 8.2842E-004 * x + 4.4011E-005$$

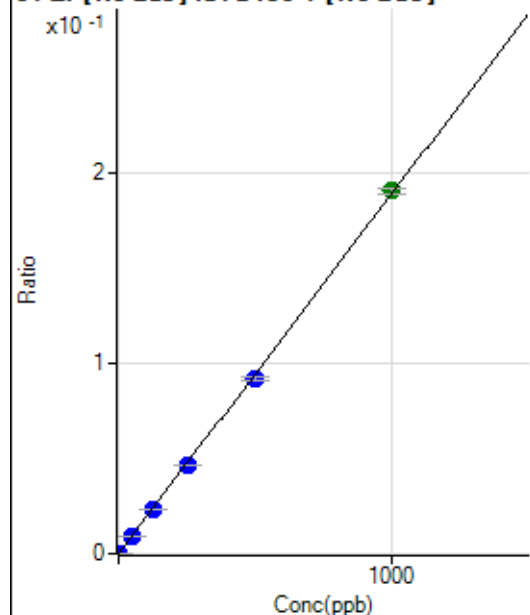
$$R = 1.0000$$

$$DL = 0.008939$$

$$BEC = 0.05313$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	90.00	0.0000	P	36.5
2	☐	1.000	0.921	2453.58	0.0002	P	0.6
3	☐	50.000	48.684	123694.82	0.0092	P	1.0
4	☐	125.000	122.657	300640.73	0.0232	P	1.7
5	☐	250.000	245.846	581666.42	0.0465	P	1.8
6	☐	500.000	485.140	1121633.61	0.0918	P	2.0
7	☐	1000.000	1008.827	2271113.46	0.1910	A	1.6
8	☐			1343.42	0.0001	P	19.1

$$y = 1.8931E-004 * x + 6.3558E-006$$

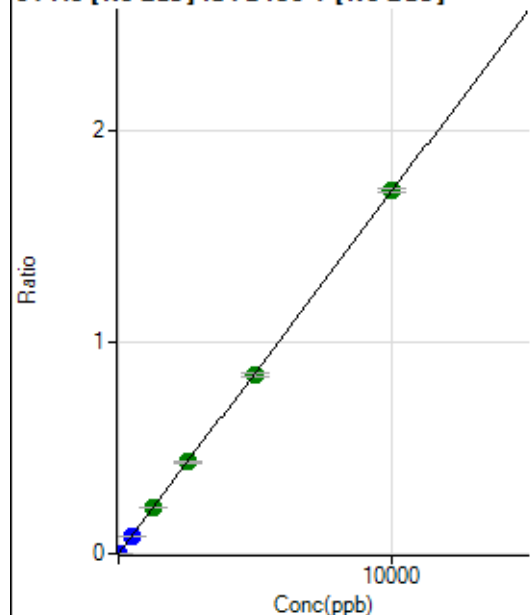
$$R = 0.9998$$

$$DL = 0.03674$$

$$BEC = 0.03357$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	185.56	0.0000	P	11.7
2	☐	5.000	5.594	13175.21	0.0010	P	2.2
3	☐	500.000	497.257	1141241.53	0.0851	P	1.3
4	☐	1250.000	1282.823	2841612.46	0.2195	A	1.3
5	☐	2500.000	2526.981	5403670.37	0.4324	A	0.6
6	☐	5000.000	4944.124	10330667.21	0.8459	A	2.2
7	☐	10000.000	10017.227	20383397.33	1.7139	A	1.1
8	☐			7316.86	0.0006	P	44.9

$$y = 1.7110E-004 * x + 1.3227E-005$$

$$R = 1.0000$$

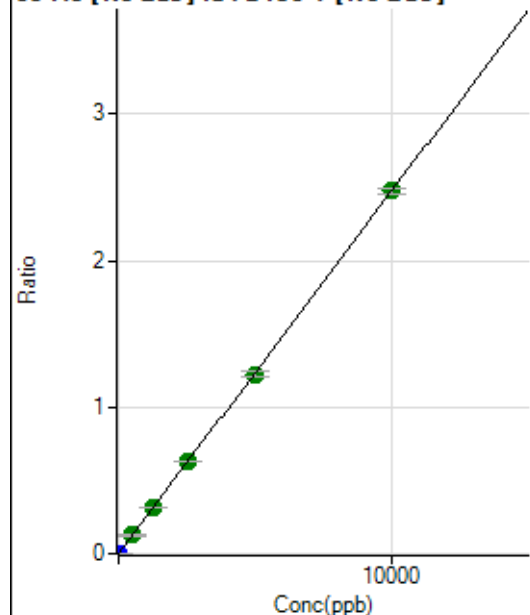
$$DL = 0.02712$$

$$BEC = 0.07731$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.33	0.0000	P	12.5
2	☐	5.000	4.719	15894.76	0.0012	P	1.6
3	☐	500.000	504.592	1674714.28	0.1249	A	1.7
4	☐	1250.000	1271.414	4072247.54	0.3146	A	1.1
5	☐	2500.000	2537.072	7845931.27	0.6277	A	0.8
6	☐	5000.000	4954.061	14968873.25	1.2257	A	2.9
7	☐	10000.000	10010.795	29454818.72	2.4769	A	1.5
8	☐			9068.31	0.0008	P	49.9

$$y = 2.4742\text{E-}004 * x + 3.0778\text{E-}006$$

$$R = 1.0000$$

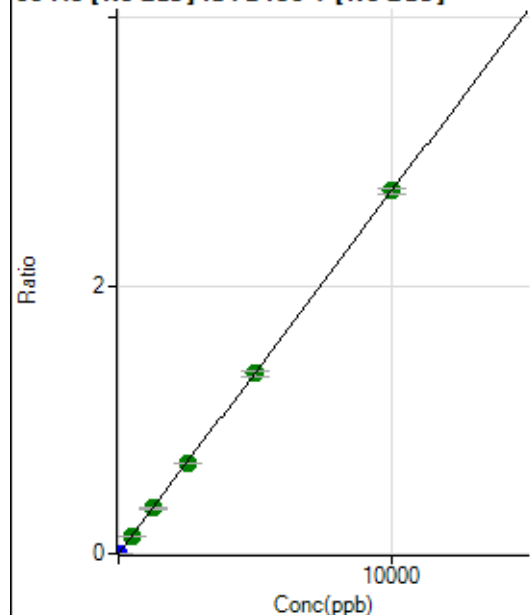
$$DL = 0.004656$$

$$BEC = 0.01244$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	147.78	0.0000	P	11.6
2	☐	5.000	4.774	17668.00	0.0013	P	2.6
3	☐	500.000	501.067	1817751.24	0.1355	A	0.7
4	☐	1250.000	1259.152	4407754.06	0.3405	A	2.0
5	☐	2500.000	2514.815	8500511.47	0.6801	A	0.2
6	☐	5000.000	4970.266	16414801.84	1.3441	A	2.6
7	☐	10000.000	10009.966	32190888.69	2.7071	A	1.4
8	☐			10572.01	0.0009	P	49.8

$$y = 2.7044\text{E-}004 * x + 1.0516\text{E-}005$$

$$R = 1.0000$$

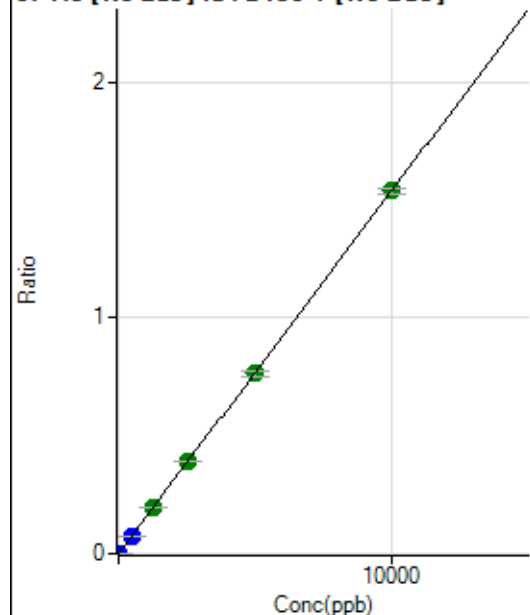
$$DL = 0.01358$$

$$BEC = 0.03888$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	24.7
2	☐	5.000	4.868	10203.82	0.0008	P	1.6
3	☐	500.000	500.320	1032996.73	0.0770	P	0.7
4	☐	1250.000	1279.665	2549476.33	0.1970	A	2.7
5	☐	2500.000	2532.472	4872681.70	0.3898	A	1.1
6	☐	5000.000	4971.184	9345271.87	0.7652	A	2.9
7	☐	10000.000	10002.566	18307847.51	1.5397	A	1.7
8	☐			5698.21	0.0005	P	49.7

$$y = 1.5393\text{E-}004 * x + 1.9757\text{E-}006$$

$$R = 1.0000$$

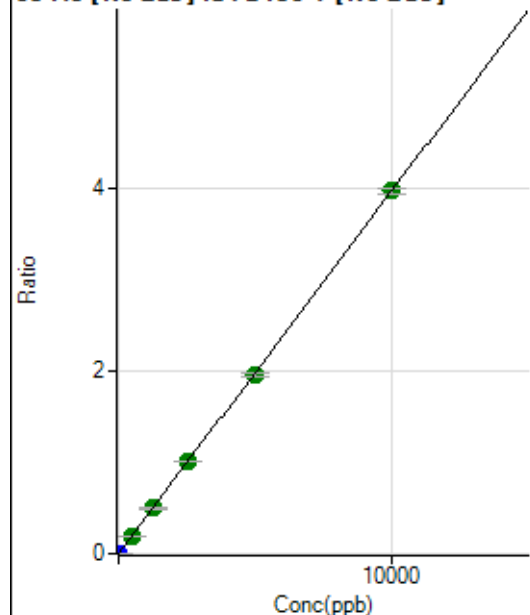
$$DL = 0.009523$$

$$BEC = 0.01284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.45	0.0000	P	35.0
2	☐	5.000	4.666	25190.69	0.0019	P	2.1
3	☐	500.000	498.864	2652440.01	0.1977	A	0.2
4	☐	1250.000	1253.318	6429826.36	0.4968	A	2.7
5	☐	2500.000	2527.628	12522438.43	1.0019	A	0.2
6	☐	5000.000	4960.696	24014864.37	1.9663	A	2.1
7	☐	10000.000	10012.387	47189098.19	3.9686	A	1.8
8	☐			14206.26	0.0012	P	52.4

$$y = 3.9637\text{E-}004 * x + 6.0363\text{E-}006$$

$$R = 1.0000$$

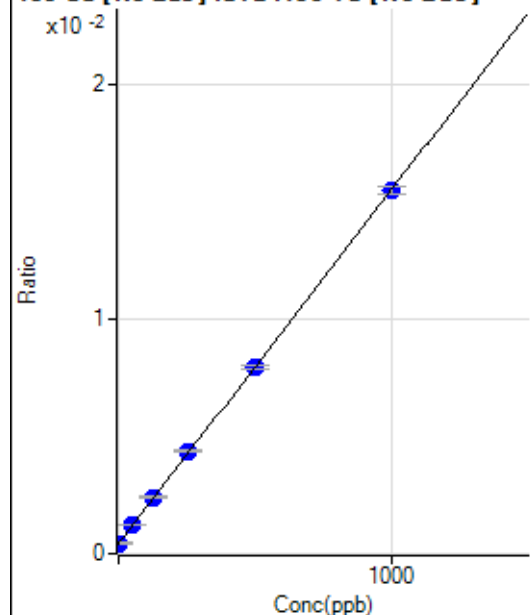
$$DL = 0.01599$$

$$BEC = 0.01523$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5073.20	0.0004	P	4.4
2	☐	1.000	1.164	5126.55	0.0004	P	4.3
3	☐	50.000	52.863	14112.88	0.0012	P	1.7
4	☐	125.000	131.383	27064.40	0.0024	P	2.3
5	☐	250.000	262.184	48740.35	0.0044	P	1.3
6	☐	500.000	498.704	87757.06	0.0079	P	2.6
7	☐	1000.000	996.661	166704.04	0.0154	P	2.0
8	☐			4175.13	0.0004	P	2.0

$$y = 1.5071\text{E-}005 * x + 4.2650\text{E-}004$$

$$R = 0.9999$$

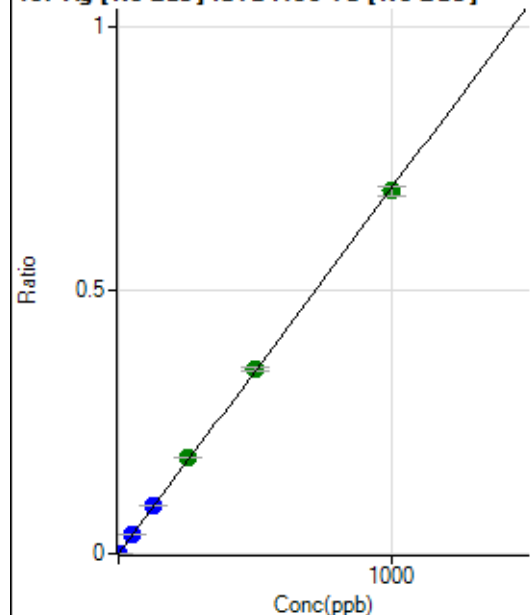
$$DL = 3.769$$

$$BEC = 28.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	90.00	0.0000	P	16.6
2	☐	1.000	0.985	7979.05	0.0007	P	3.7
3	☐	50.000	52.612	421156.66	0.0365	P	0.4
4	☐	125.000	131.195	1023516.67	0.0910	P	2.0
5	☐	250.000	263.541	2035585.11	0.1828	A	0.9
6	☐	500.000	505.788	3877133.21	0.3509	A	2.3
7	☐	1000.000	992.816	7432897.32	0.6887	A	2.7
8	☐			1606.82	0.0002	P	62.9

$$y = 6.9372\text{E-}004 * x + 7.5822\text{E-}006$$

$$R = 0.9999$$

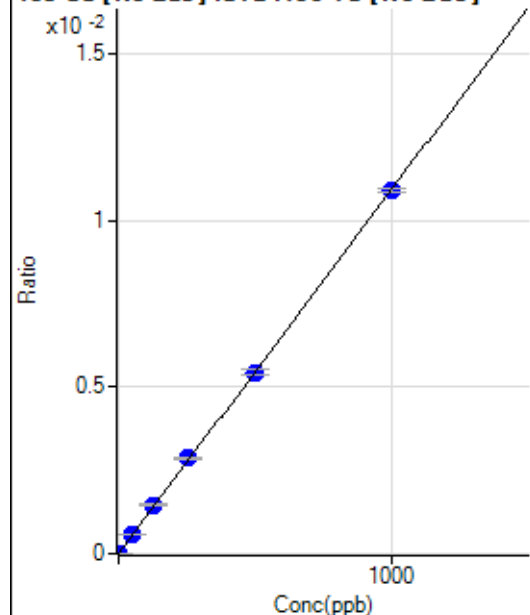
$$DL = 0.005428$$

$$BEC = 0.01093$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	26.7
2	☐	1.000	0.964	134.45	0.0000	P	17.4
3	☐	50.000	53.978	6823.98	0.0006	P	3.1
4	☐	125.000	133.782	16463.26	0.0015	P	3.0
5	☐	250.000	261.508	31851.25	0.0029	P	1.4
6	☐	500.000	498.456	60241.22	0.0055	P	3.2
7	☐	1000.000	996.599	117633.91	0.0109	P	0.9
8	☐			181.12	0.0000	P	9.3

$$y = 1.0935\text{E-}005 * x + 1.1235\text{E-}006$$

$$R = 0.9999$$

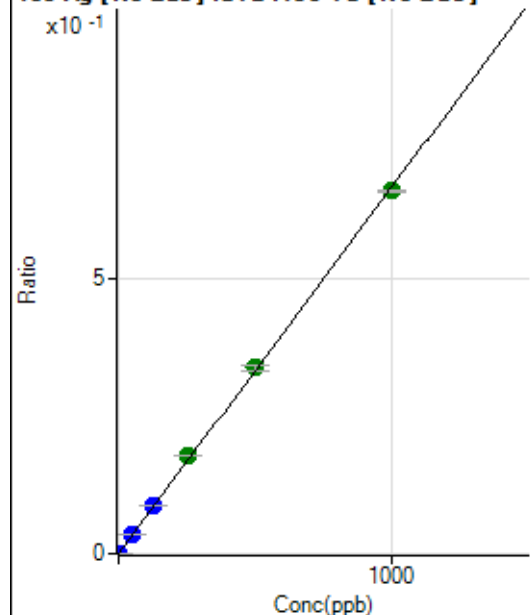
$$DL = 0.08225$$

$$BEC = 0.1027$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	49.9
2	☐	1.000	0.980	7568.82	0.0007	P	2.5
3	☐	50.000	53.373	410208.70	0.0356	P	0.8
4	☐	125.000	132.209	990491.60	0.0881	P	1.3
5	☐	250.000	266.847	1979256.73	0.1778	A	0.8
6	☐	500.000	507.964	3739100.78	0.3384	A	3.5
7	☐	1000.000	990.736	7123717.32	0.6600	A	0.7
8	☐			1464.56	0.0001	P	55.8

$$y = 6.6618\text{E-}004 * x + 2.3350\text{E-}006$$

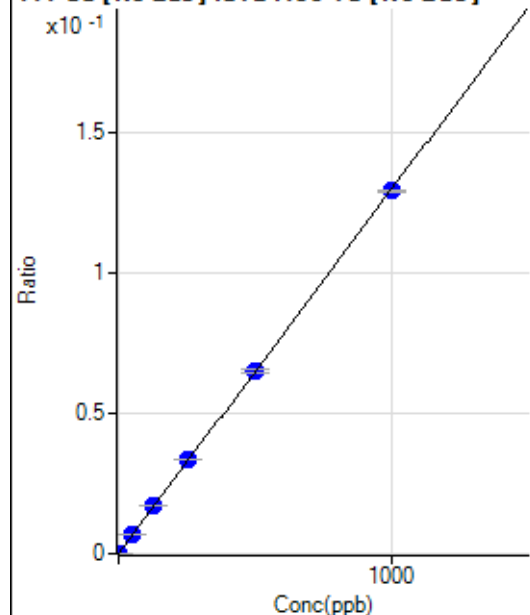
$$R = 0.9998$$

$$DL = 0.005249$$

$$BEC = 0.003505$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.43	0.0000	P	5.8
2	☐	1.000	1.060	2092.00	0.0002	P	4.4
3	☐	50.000	53.130	79850.07	0.0069	P	1.9
4	☐	125.000	133.030	194168.46	0.0173	P	1.8
5	☐	250.000	258.405	372980.30	0.0335	P	0.5
6	☐	500.000	501.627	718052.07	0.0650	P	2.7
7	☐	1000.000	995.925	1392042.48	0.1290	P	0.8
8	☐			1414.12	0.0001	P	14.7

$$y = 1.2946\text{E-}004 * x + 4.3955\text{E-}005$$

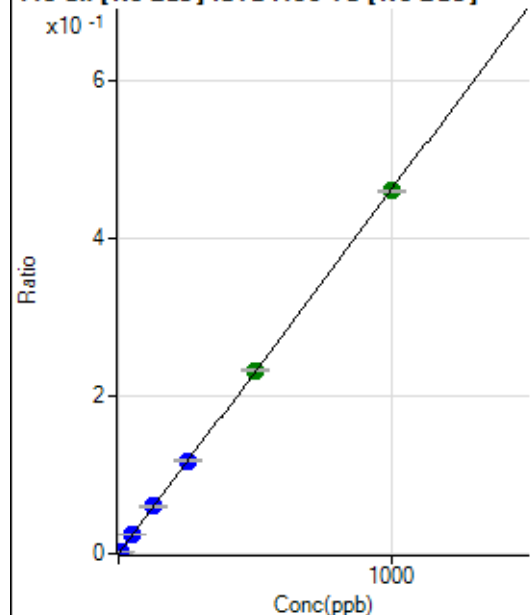
$$R = 0.9999$$

$$DL = 0.05909$$

$$BEC = 0.3395$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	746.69	0.0001	P	18.6
2	☐	5.000	4.945	27113.59	0.0023	P	0.8
3	☐	50.000	51.055	272851.06	0.0237	P	1.9
4	☐	125.000	129.338	672828.34	0.0598	P	0.4
5	☐	250.000	254.474	1309826.07	0.1176	P	1.5
6	☐	500.000	504.174	2574861.53	0.2330	A	1.8
7	☐	1000.000	996.200	4968791.38	0.4604	A	0.3
8	☐			4608.62	0.0004	P	13.5

$$y = 4.6206\text{E-}004 * x + 6.3091\text{E-}005$$

$$R = 1.0000$$

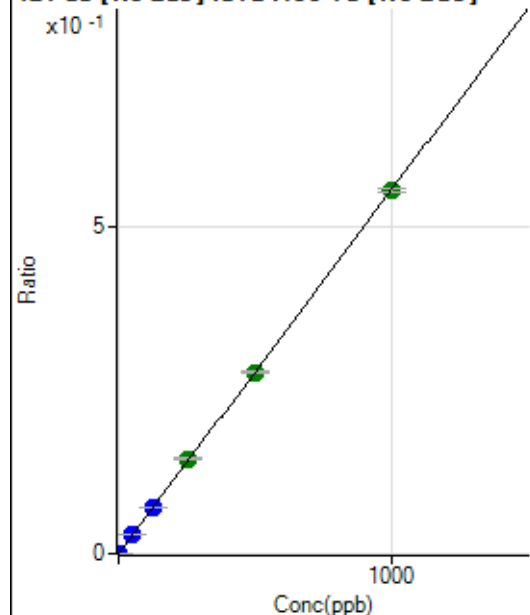
$$DL = 0.0762$$

$$BEC = 0.1365$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.66	0.0000	P	48.2
2	☐	2.000	1.946	12564.74	0.0011	P	2.8
3	☐	50.000	51.056	328202.25	0.0285	P	1.2
4	☐	125.000	126.868	795016.68	0.0707	P	1.1
5	☐	250.000	261.053	1619426.69	0.1455	A	1.3
6	☐	500.000	499.423	3074910.47	0.2783	A	1.7
7	☐	1000.000	997.239	5996747.69	0.5556	A	1.0
8	☐			6387.12	0.0006	P	8.0

$$y = 5.5717\text{E-}004 * x + 3.9964\text{E-}006$$

$$R = 0.9999$$

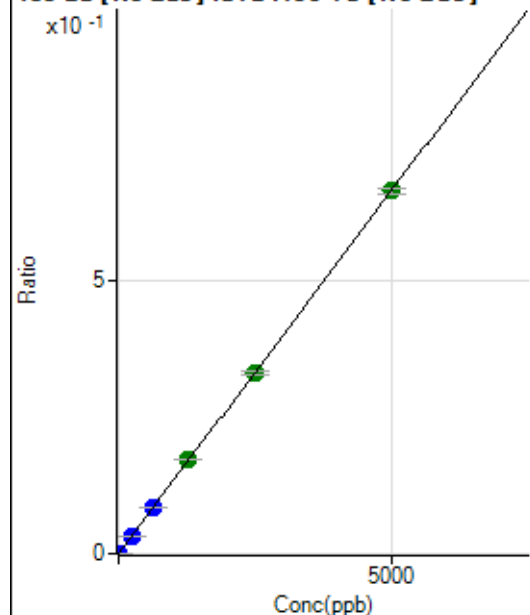
$$DL = 0.01036$$

$$BEC = 0.007173$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	10.6
2	☐	10.000	9.626	14856.03	0.0013	P	2.7
3	☐	250.000	249.639	382704.03	0.0332	P	0.8
4	☐	625.000	628.375	938891.41	0.0835	P	1.5
5	☐	1250.000	1292.959	1912625.51	0.1718	A	0.4
6	☐	2500.000	2483.169	3645240.85	0.3299	A	2.4
7	☐	5000.000	4997.273	7164885.86	0.6639	A	1.8
8	☐			4730.91	0.0004	P	18.8

$$y = 1.3285\text{E-}004 * x + 7.9220\text{E-}006$$

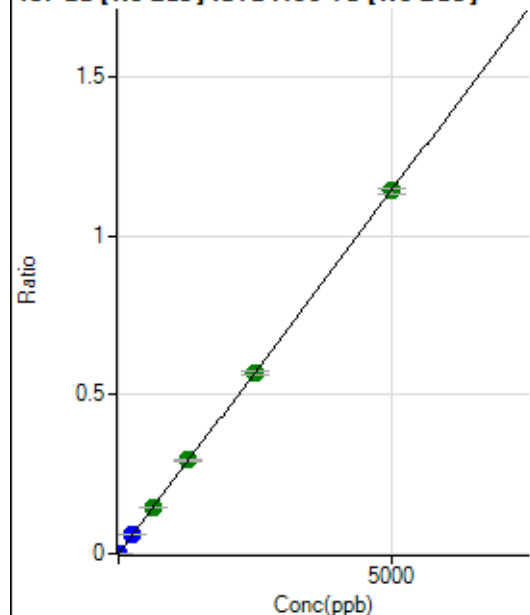
$$R = 1.0000$$

$$DL = 0.01905$$

$$BEC = 0.05963$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.33	0.0000	P	19.1
2	☐	10.000	9.724	25714.53	0.0022	P	1.9
3	☐	250.000	254.957	672049.05	0.0583	P	0.6
4	☐	625.000	642.262	1650184.00	0.1467	A	1.3
5	☐	1250.000	1291.603	3285322.87	0.2951	A	1.8
6	☐	2500.000	2481.698	6265104.14	0.5670	A	2.0
7	☐	5000.000	4996.345	12319004.26	1.1415	A	1.7
8	☐			8622.96	0.0008	P	20.6

$$y = 2.2846E-004 * x + 5.3627E-006$$

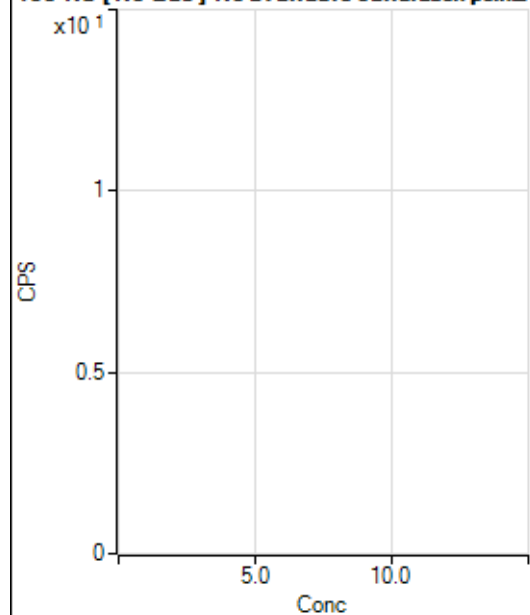
$$R = 0.9999$$

$$DL = 0.01346$$

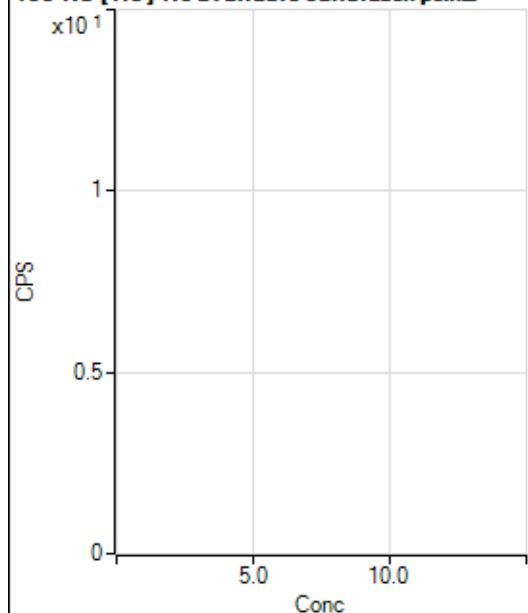
$$BEC = 0.02347$$

Weight: <None>

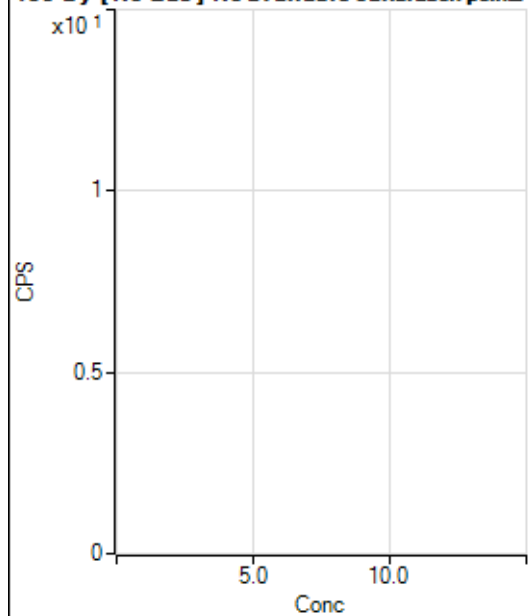
Min Conc: 0

150 Nd [No Gas] No available calibration points

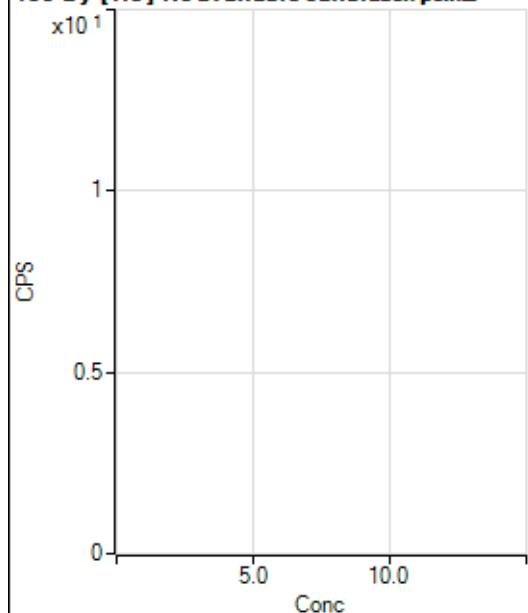
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			16.67		P	52.9
2	☐			13.33		P	43.3
3	☐			36.67		P	39.6
4	☐			70.00		P	17.2
5	☐			106.67		P	27.8
6	☐			221.11		P	7.7
7	☐			366.68		P	3.3
8	☐			272.23		P	7.4

150 Nd [He] No available calibration points

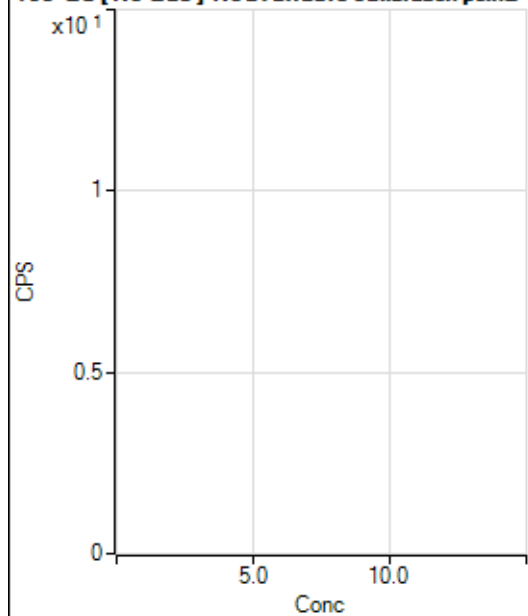
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			6.67		P	50.0
3	☐			4.44		P	43.4
4	☐			5.55		P	69.3
5	☐			11.11		P	124.
6	☐			25.56		P	32.8
7	☐			35.55		P	54.9
8	☐			62.22		P	18.8

156 Dy [No Gas] No available calibration points

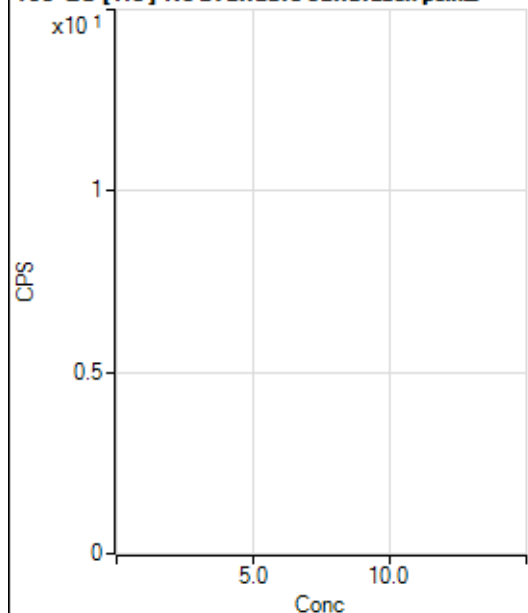
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐			11.11		P	45.8
3	☐			32.22		P	26.0
4	☐			55.55		P	30.2
5	☐			104.45		P	6.6
6	☐			246.67		P	6.8
7	☐			422.23		P	1.8
8	☐			1331.19		P	0.6

156 Dy [He] No available calibration points

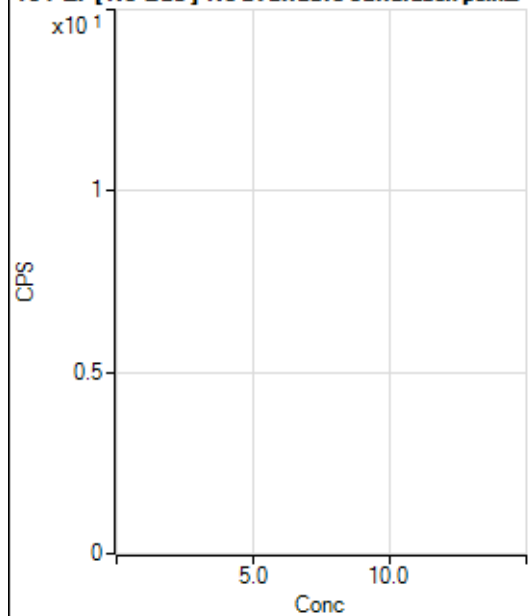
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			3.33		P	0.0
3	☐			10.00		P	0.0
4	☐			22.22		P	52.7
5	☐			48.89		P	33.6
6	☐			84.45		P	8.2
7	☐			203.34		P	2.8
8	☐			655.58		P	6.8

160 Gd [No Gas] Noavailable calibration poin_

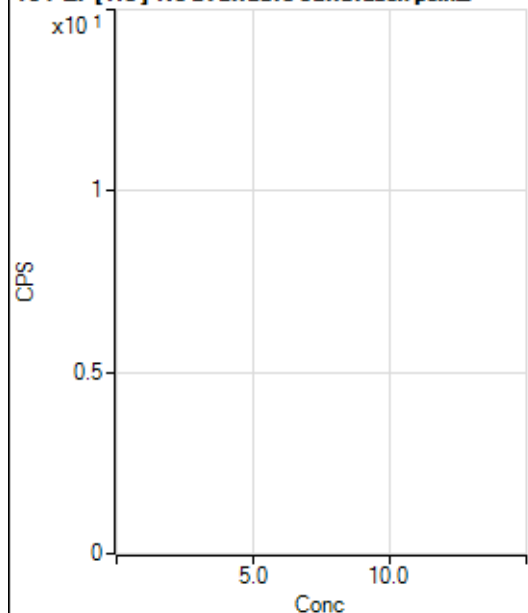
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			154.45		P	5.4
2	☐			148.89		P	2.6
3	☐			124.45		P	4.1
4	☐			165.56		P	24.9
5	☐			173.34		P	8.4
6	☐			285.56		P	5.9
7	☐			448.90		P	8.3
8	☐			1642.34		P	4.2

160 Gd [He] No available calibration points

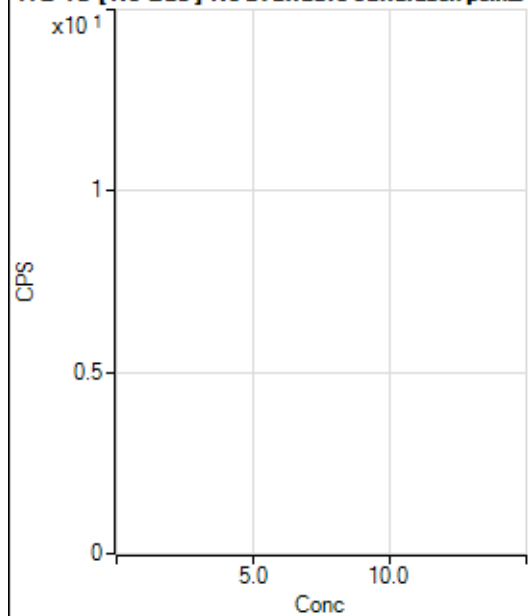
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			160.01		P	13.0
2	☐			136.67		P	33.9
3	☐			128.89		P	1.5
4	☐			161.11		P	19.2
5	☐			164.45		P	23.5
6	☐			217.78		P	6.9
7	☐			271.12		P	9.1
8	☐			820.04		P	2.4

164 Er [No Gas] No available calibration points

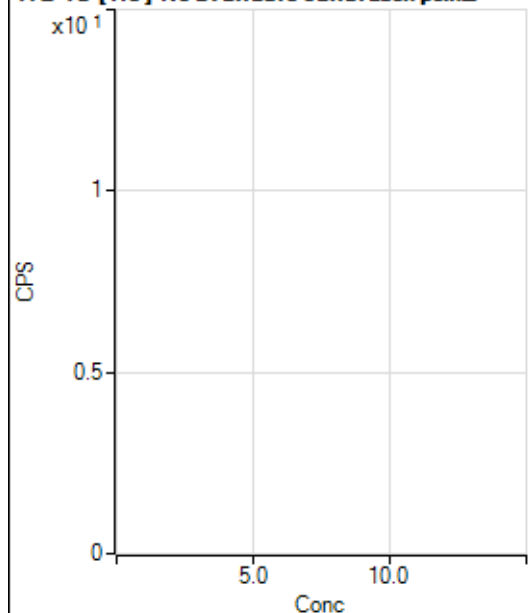
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			95.56		P	15.7
2	☐			84.45		P	8.2
3	☐			88.89		P	18.9
4	☐			85.56		P	6.0
5	☐			98.89		P	27.0
6	☐			123.33		P	9.4
7	☐			170.00		P	10.4
8	☐			272.23		P	17.8

164 Er [He] No available calibration points

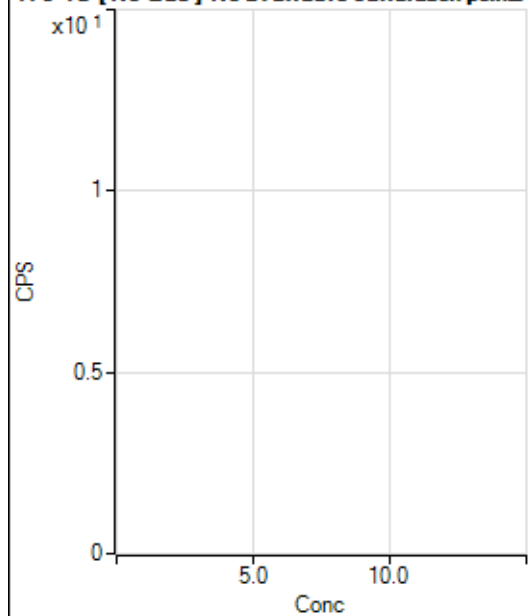
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	39.8
2	☐			25.56		P	45.8
3	☐			28.89		P	29.0
4	☐			41.11		P	24.8
5	☐			28.89		P	6.7
6	☐			44.45		P	8.7
7	☐			72.22		P	30.0
8	☐			102.22		P	24.5

172 Yb [No Gas] No available calibration points

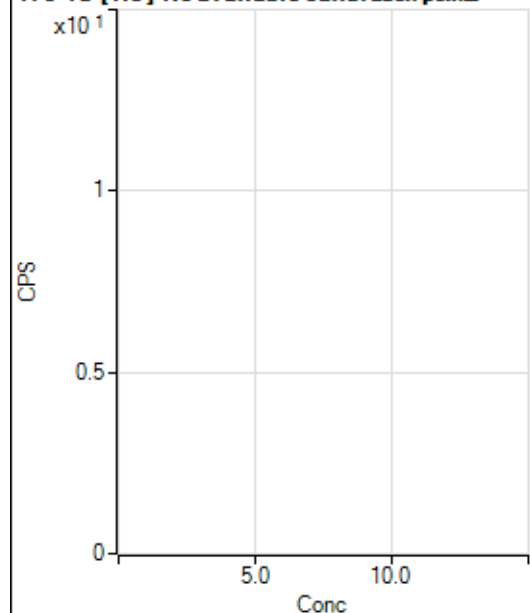
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	18.7
2	☐			54.44		P	21.5
3	☐			82.22		P	16.4
4	☐			78.89		P	8.8
5	☐			103.33		P	27.6
6	☐			92.22		P	23.2
7	☐			127.78		P	7.5
8	☐			214.45		P	2.4

172 Yb [He] No available calibration points

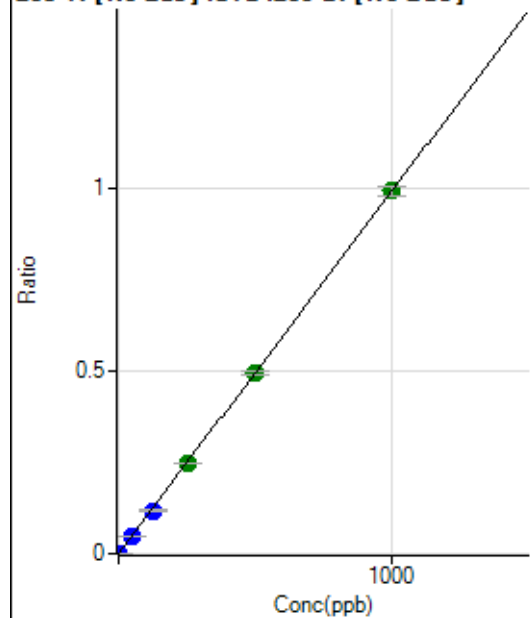
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	26.6
2	☐			30.00		P	19.2
3	☐			42.22		P	19.9
4	☐			33.33		P	50.0
5	☐			36.67		P	18.2
6	☐			46.67		P	42.9
7	☐			55.56		P	38.6
8	☐			90.00		P	17.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2055.73		P	9.5
2	☐			1976.84		P	4.5
3	☐			3427.15		P	3.0
4	☐			5643.48		P	1.8
5	☐			9336.73		P	1.6
6	☐			16429.21		P	4.3
7	☐			31288.24		P	2.0
8	☐			1733.47		P	4.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11026.91		P	2.3
2	☐			11273.79		P	2.4
3	☐			11561.83		P	2.1
4	☐			12265.78		P	1.4
5	☐			13218.94		P	0.8
6	☐			15870.75		P	2.6
7	☐			21056.91		P	0.9
8	☐			11123.66		P	3.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	232.23	0.0000	P	10.1
2	☐	1.000	0.882	7346.60	0.0009	P	3.0
3	☐	50.000	47.175	377862.47	0.0467	P	0.8
4	☐	125.000	119.198	950571.24	0.1179	P	1.4
5	☐	250.000	250.497	1940626.53	0.2476	A	0.4
6	☐	500.000	497.617	3793382.82	0.4919	A	1.9
7	☐	1000.000	1001.934	7391801.56	0.9905	A	2.5
8	☐			3745.07	0.0006	P	32.1

$$y = 9.8852E-004 * x + 2.7903E-005$$

$$R = 1.0000$$

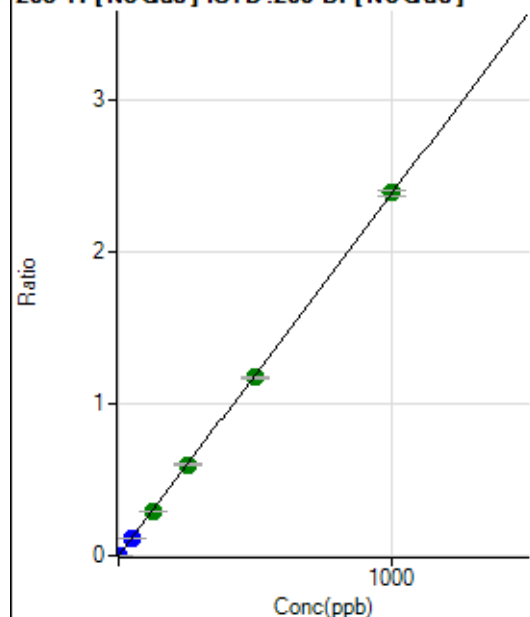
$$DL = 0.008586$$

$$BEC = 0.02823$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	527.79	0.0001	P	2.8
2	☐	1.000	0.900	18007.03	0.0022	P	1.8
3	☐	50.000	47.276	911766.19	0.1126	P	1.0
4	☐	125.000	121.825	2339291.70	0.2900	A	0.7
5	☐	250.000	251.139	4684455.73	0.5978	A	1.6
6	☐	500.000	493.894	9065632.02	1.1756	A	0.8
7	☐	1000.000	1003.301	17824113.21	2.3881	A	1.4
8	☐			8697.68	0.0013	P	28.9

$$y = 0.0024 * x + 6.3557E-005$$

$$R = 1.0000$$

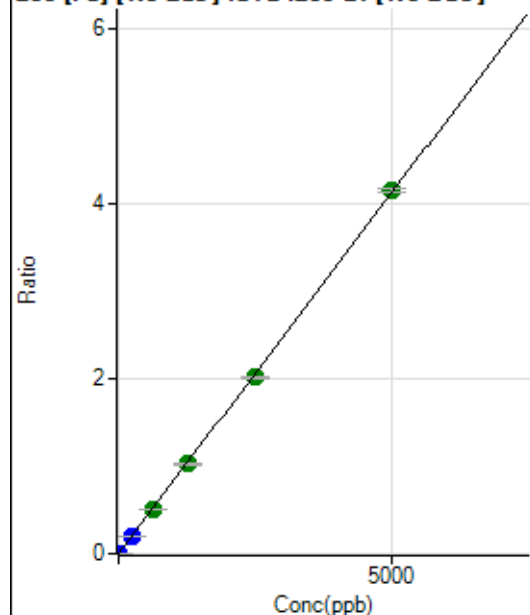
$$DL = 0.002206$$

$$BEC = 0.0267$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	323.34	0.0000	P	12.2
2	☐	1.000	0.868	6151.52	0.0008	P	5.8
3	☐	250.000	236.900	1578687.68	0.1950	P	2.9
4	☐	625.000	615.180	4083472.44	0.5063	A	0.9
5	☐	1250.000	1249.316	8056029.95	1.0281	A	1.6
6	☐	2500.000	2444.579	15513024.77	2.0117	A	1.2
7	☐	5000.000	5029.764	30892825.93	4.1390	A	1.2
8	☐			20137.47	0.0030	P	18.9

$$y = 8.2289E-004 * x + 3.9110E-005$$

$$R = 0.9999$$

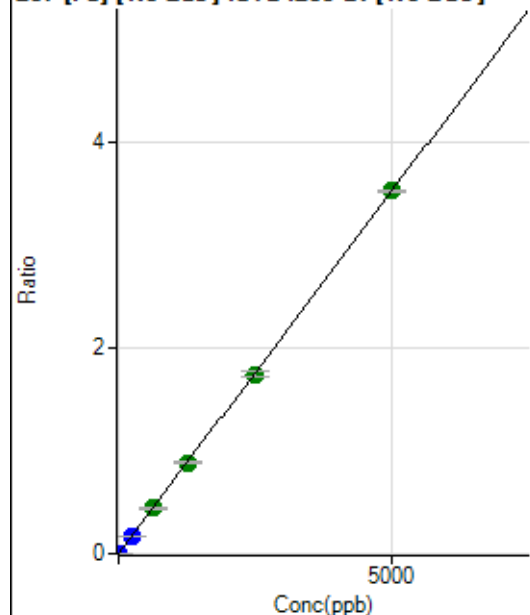
$$DL = 0.01737$$

$$BEC = 0.04753$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.78	0.0000	P	4.7
2	☐	1.000	0.910	5519.00	0.0007	P	2.5
3	☐	250.000	239.566	1364259.53	0.1685	P	2.7
4	☐	625.000	625.565	3548668.49	0.4399	A	2.3
5	☐	1250.000	1259.330	6939817.47	0.8856	A	0.5
6	☐	2500.000	2481.231	13455990.63	1.7449	A	2.5
7	☐	5000.000	5007.503	26286422.66	3.5214	A	0.3
8	☐			17275.44	0.0025	P	18.3

$$y = 7.0322\text{E-}004 * x + 3.5888\text{E-}005$$

$$R = 1.0000$$

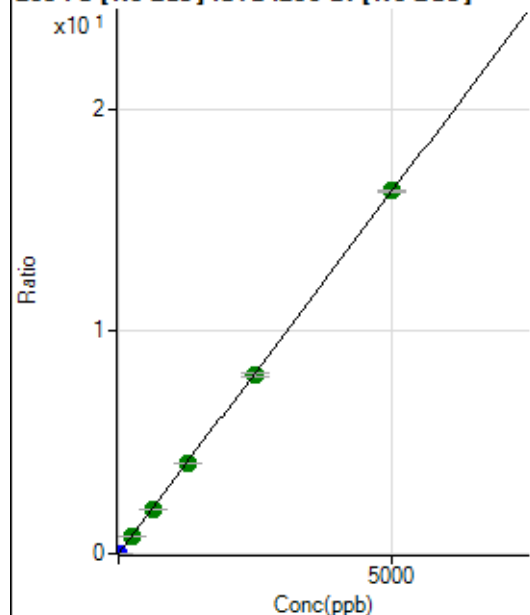
$$DL = 0.007211$$

$$BEC = 0.05103$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1265.60	0.0002	P	9.5
2	☐	1.000	0.889	24892.92	0.0030	P	2.3
3	☐	250.000	244.381	6448707.86	0.7964	A	1.9
4	☐	625.000	618.119	16245445.59	2.0141	A	0.6
5	☐	1250.000	1247.491	31852409.67	4.0648	A	0.5
6	☐	2500.000	2479.883	62311098.24	8.0803	A	2.3
7	☐	5000.000	5011.827	121892648.7	16.3300	A	0.5
8	☐			80001.49	0.0118	P	20.2

$$y = 0.0033 * x + 1.5289\text{E-}004$$

$$R = 1.0000$$

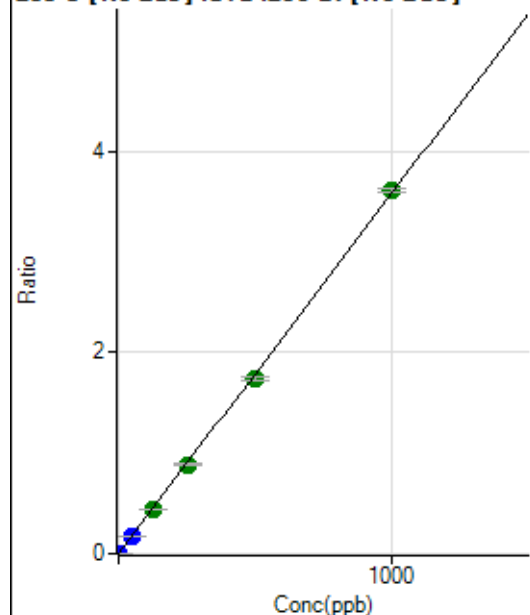
$$DL = 0.01337$$

$$BEC = 0.04692$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	70.1
2	☐	1.000	0.870	25437.80	0.0031	P	1.5
3	☐	50.000	46.440	1346544.22	0.1663	P	0.9
4	☐	125.000	120.783	3488207.69	0.4325	A	0.1
5	☐	250.000	247.623	6947549.41	0.8867	A	1.5
6	☐	500.000	486.718	13438867.30	1.7428	A	1.4
7	☐	1000.000	1007.940	26938169.88	3.6091	A	1.0
8	☐			7332.92	0.0011	P	56.7

$$y = 0.0036 * x + 1.5048E-006$$

$$R = 0.9999$$

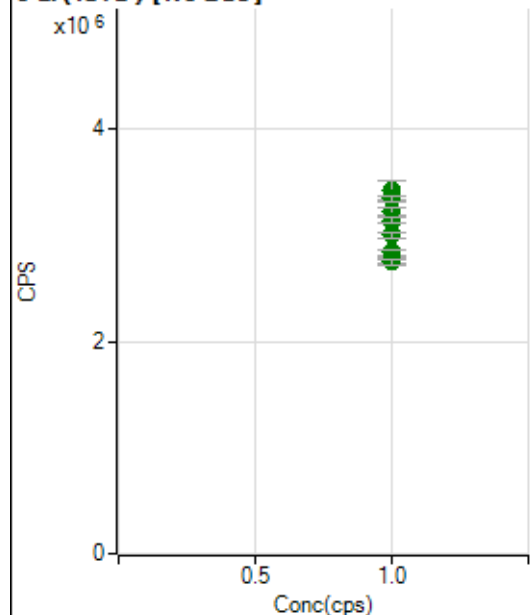
$$DL = 0.0008836$$

$$BEC = 0.0004203$$

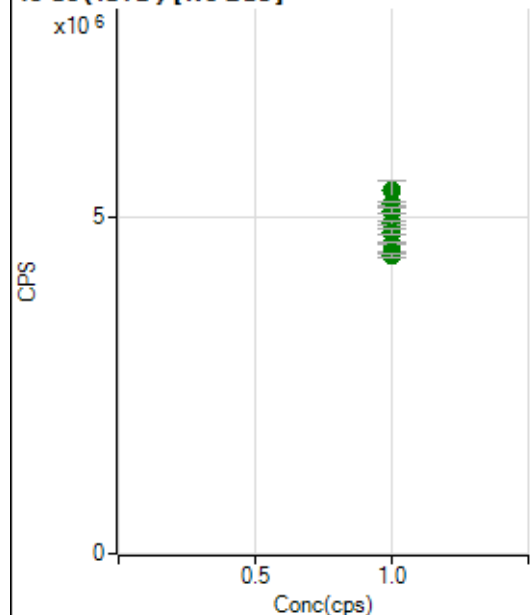
Weight: <None>

Min Conc: 0

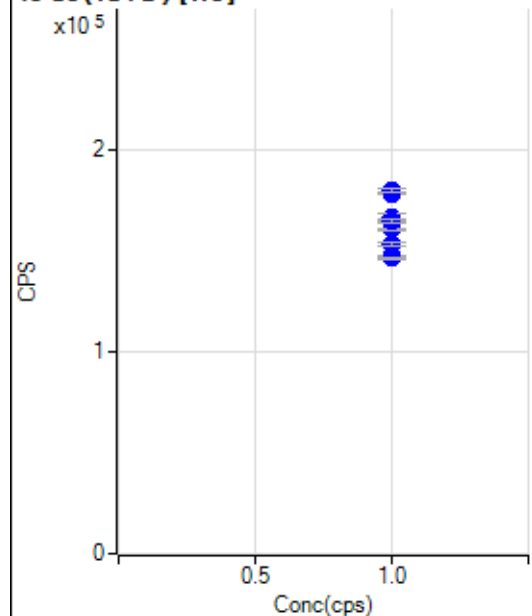
6 Li (ISTD) [No Gas]



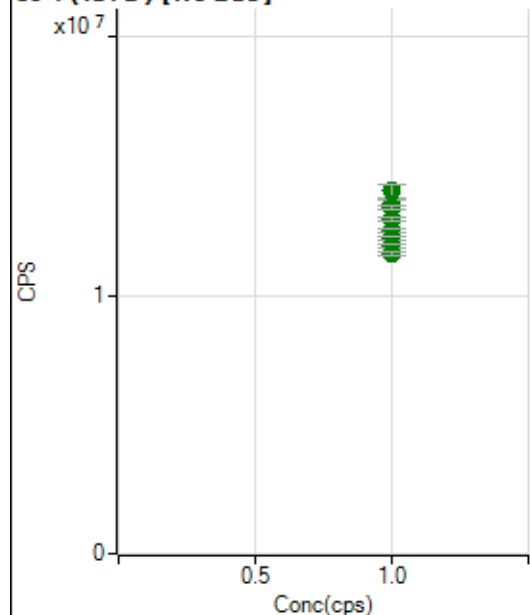
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3417672.87		A	5.4
2	☐	1.000		3343532.71		A	1.2
3	☐	1.000		3226598.09		A	2.4
4	☐	1.000		3141523.67		A	1.8
5	☐	1.000		3001023.29		A	1.5
6	☐	1.000		2835479.14		A	1.8
7	☐	1.000		2762744.04		A	2.3
8	☐	1.000		2746547.81		A	2.4

45 Sc (ISTD) [No Gas]

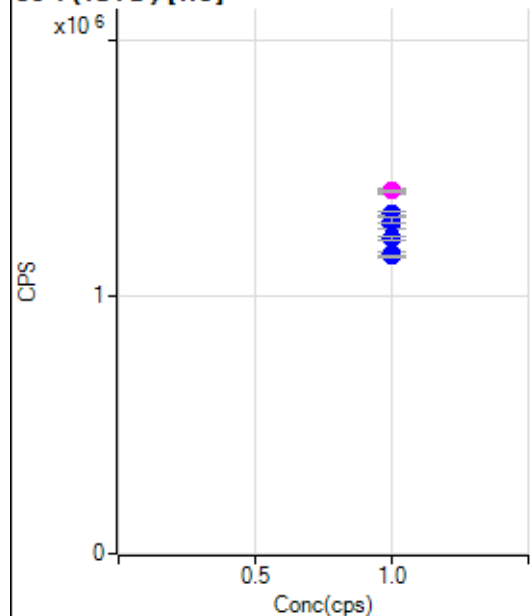
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5395087.80		A	5.6
2	☐	1.000		5213731.31		A	1.2
3	☐	1.000		5103306.21		A	1.6
4	☐	1.000		4917865.58		A	1.2
5	☐	1.000		4785270.28		A	2.1
6	☐	1.000		4607838.85		A	0.7
7	☐	1.000		4483935.73		A	0.8
8	☐	1.000		4427010.94		A	1.1

45 Sc (ISTD) [He]

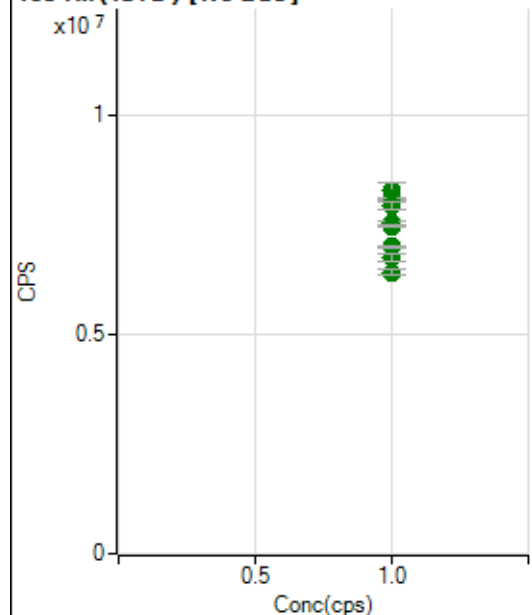
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		178694.25		P	0.7
2	☐	1.000		180011.90		P	1.0
3	☐	1.000		166795.61		P	2.3
4	☐	1.000		160956.78		P	0.9
5	☐	1.000		153918.06		P	1.3
6	☐	1.000		147704.40		P	0.3
7	☐	1.000		146688.89		P	0.4
8	☐	1.000		164977.91		P	0.9

89 Y (ISTD) [No Gas]

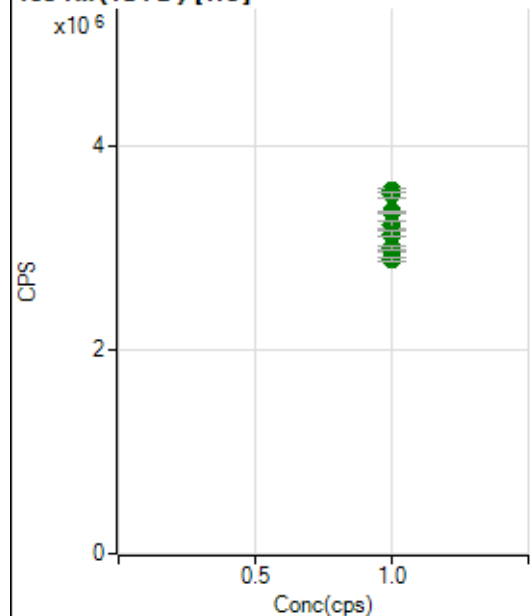
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14047955.62		A	3.5
2	☐	1.000		13579561.05		A	1.9
3	☐	1.000		13413440.77		A	1.3
4	☐	1.000		12946482.45		A	1.6
5	☐	1.000		12498597.17		A	1.6
6	☐	1.000		12213570.51		A	1.1
7	☐	1.000		11892267.32		A	1.2
8	☐	1.000		11622903.58		A	0.9

89 Y (ISTD) [He]

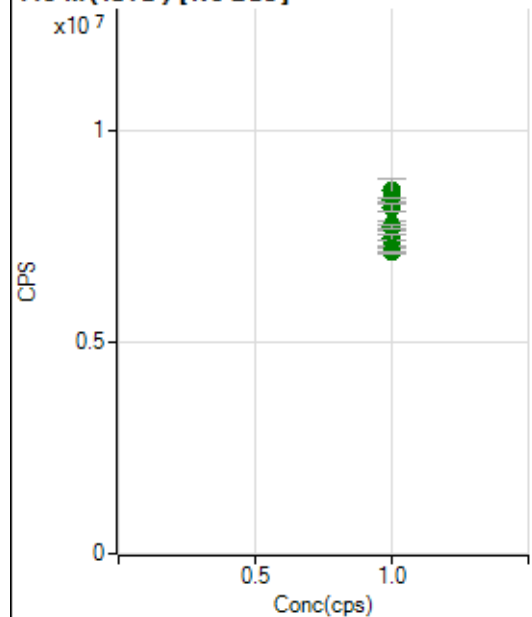
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1411674.74		M	1.3
2	☐	1.000		1411107.51		M	0.4
3	☐	1.000		1325294.72		P	1.2
4	☐	1.000		1276485.93		P	1.8
5	☐	1.000		1228624.50		P	1.3
6	☐	1.000		1166284.44		P	0.9
7	☐	1.000		1156136.99		P	0.7
8	☐	1.000		1296395.34		P	1.9

103 Rh (ISTD) [No Gas]

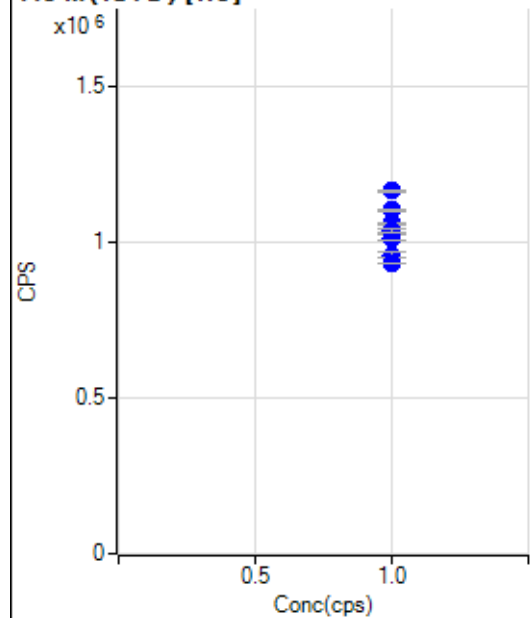
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8269065.71		A	4.9
2	☐	1.000		8112845.30		A	0.3
3	☐	1.000		7936088.77		A	2.3
4	☐	1.000		7523307.18		A	1.4
5	☐	1.000		7468597.88		A	0.1
6	☐	1.000		6992029.27		A	0.6
7	☐	1.000		6755222.40		A	2.3
8	☐	1.000		6415056.23		A	2.3

103 Rh (ISTD) [He]

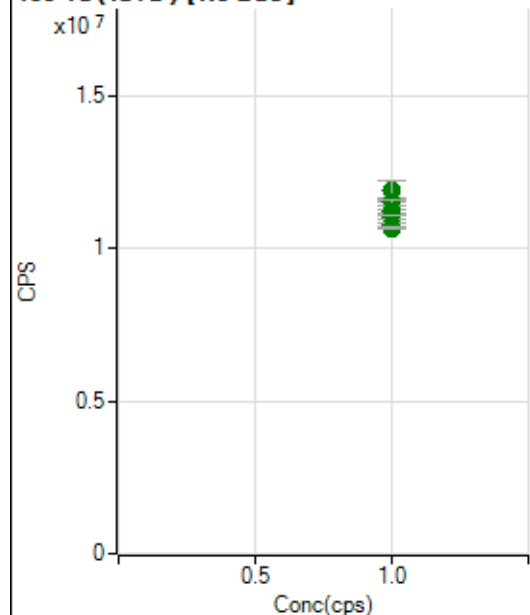
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3559673.84		A	1.0
2	☐	1.000		3526395.16		A	1.5
3	☐	1.000		3354365.92		A	0.6
4	☐	1.000		3224360.89		A	2.2
5	☐	1.000		3140551.69		A	1.7
6	☐	1.000		2913557.70		A	2.8
7	☐	1.000		2883779.65		A	1.3
8	☐	1.000		3001661.00		A	0.9

115 In (ISTD) [No Gas]

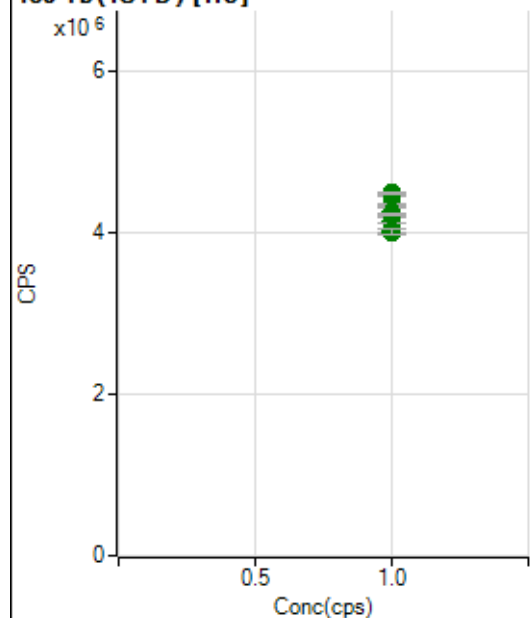
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8580905.60		A	6.2
2	☐	1.000		8371381.14		A	1.1
3	☐	1.000		8190342.60		A	2.0
4	☐	1.000		7756321.64		A	2.5
5	☐	1.000		7732645.59		A	1.1
6	☐	1.000		7474891.33		A	1.8
7	☐	1.000		7249412.65		A	1.0
8	☐	1.000		7137377.23		A	0.6

115 In (ISTD) [He]

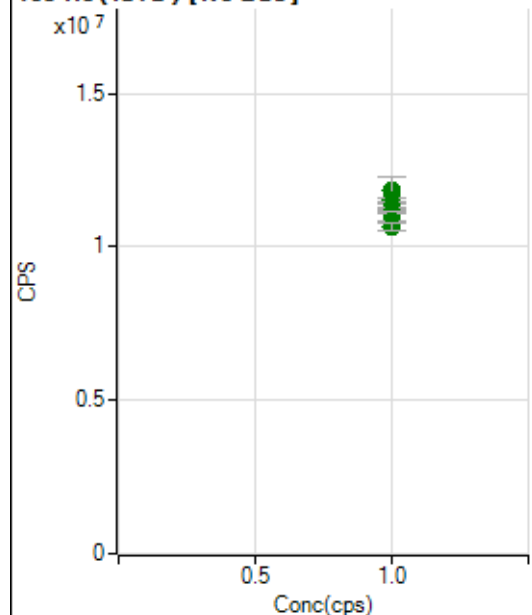
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1164606.13		P	0.9
2	☐	1.000		1165360.09		P	0.8
3	☐	1.000		1102673.43		P	1.0
4	☐	1.000		1059419.47		P	0.8
5	☐	1.000		1014090.46		P	1.9
6	☐	1.000		960260.16		P	1.5
7	☐	1.000		934169.61		P	0.3
8	☐	1.000		1036548.61		P	1.2

159 Tb (ISTD) [No Gas]

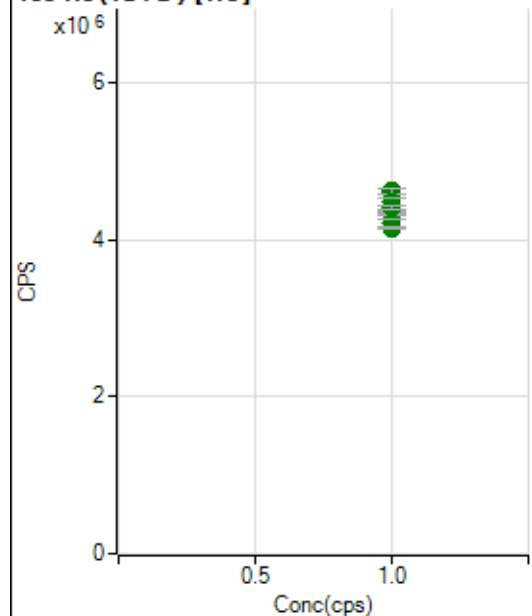
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11899576.21		A	6.0
2	☐	1.000		11548954.97		A	1.9
3	☐	1.000		11537338.02		A	1.6
4	☐	1.000		11246886.08		A	1.3
5	☐	1.000		11134229.14		A	0.7
6	☐	1.000		11050850.11		A	0.8
7	☐	1.000		10793024.56		A	0.8
8	☐	1.000		10688950.12		A	0.7

159 Tb (ISTD) [He]

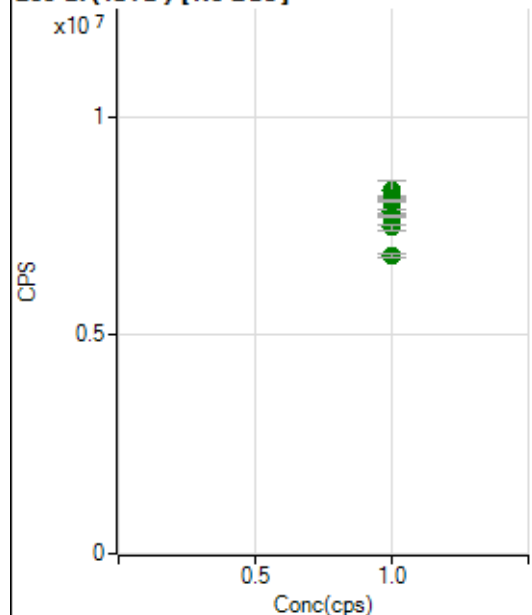
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4481853.09		A	0.6
2	☐	1.000		4499736.77		A	0.6
3	☐	1.000		4356041.46		A	0.4
4	☐	1.000		4279367.09		A	1.8
5	☐	1.000		4160173.58		A	1.8
6	☐	1.000		4037087.02		A	1.3
7	☐	1.000		4012153.38		A	1.9
8	☐	1.000		4233885.60		A	0.9

165 Ho (ISTD) [No Gas]

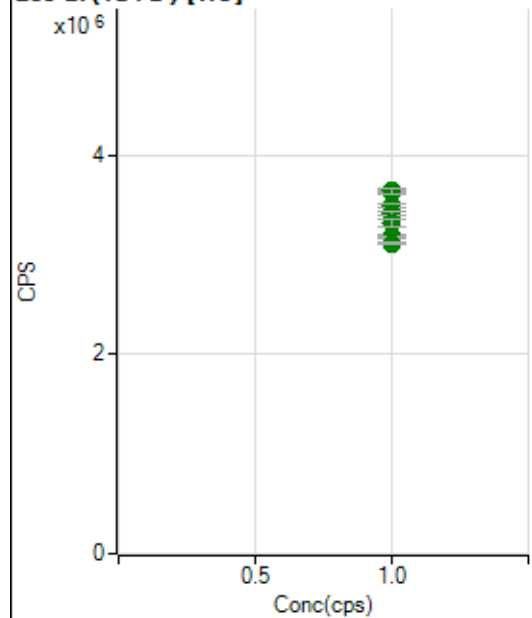
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11818067.74		A	7.3
2	☐	1.000		11534807.47		A	1.2
3	☐	1.000		11377740.94		A	1.3
4	☐	1.000		11256940.80		A	2.9
5	☐	1.000		11244635.81		A	0.5
6	☐	1.000		11101300.53		A	0.6
7	☐	1.000		10823024.01		A	0.2
8	☐	1.000		10651582.48		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4623572.92		A	1.6
2	☐	1.000		4628991.29		A	1.3
3	☐	1.000		4499733.13		A	2.3
4	☐	1.000		4380498.86		A	0.7
5	☐	1.000		4332952.96		A	0.8
6	☐	1.000		4219605.01		A	2.9
7	☐	1.000		4149585.29		A	0.4
8	☐	1.000		4417128.09		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8304263.97		A	5.5
2	☐	1.000		8162969.46		A	0.5
3	☐	1.000		8098504.88		A	1.5
4	☐	1.000		8065513.42		A	0.8
5	☐	1.000		7836313.91		A	0.8
6	☐	1.000		7711664.88		A	0.7
7	☐	1.000		7464666.55		A	1.4
8	☐	1.000		6816528.16		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3628347.38		A	0.7
2	☐	1.000		3638097.93		A	1.5
3	☐	1.000		3489835.51		A	1.5
4	☐	1.000		3415431.51		A	1.3
5	☐	1.000		3318109.81		A	2.6
6	☐	1.000		3177712.24		A	1.2
7	☐	1.000		3175031.44		A	0.4
8	☐	1.000		3113216.52		A	1.2