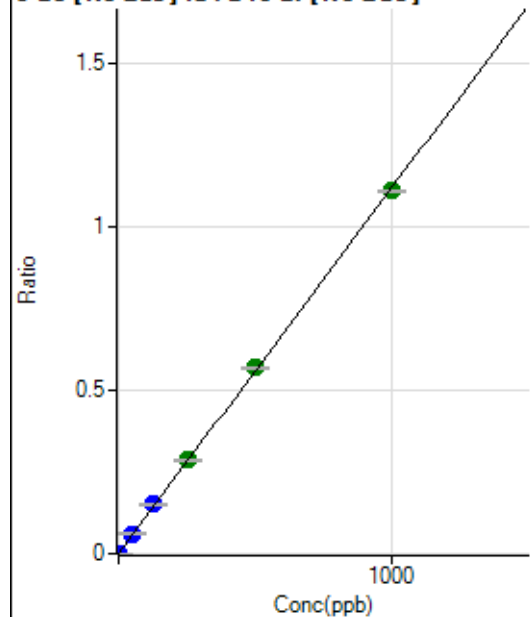


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8050825MS.b\
 Analysis File: P8050825MS.batch.bin
 DA Date-Time: 2025-05-09 15:33:53
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-05-08 12:29:30
2	006CALS.d	S02	2025-05-08 12:36:11
3	007CALB.d	S03	2025-05-08 12:39:30
4	008CALS.d	S04	2025-05-08 12:47:00
5	009CALS.d	S05	2025-05-08 12:50:02
6	010CALS.d	S06	2025-05-08 12:52:50
7	011CALS.d	S07	2025-05-08 12:55:37
8	012CALS.d	S08	2025-05-08 12:58:23

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1866.01	0.0004	P	6.9
2	☐	1.000	0.821	5883.40	0.0013	P	3.6
3	☐	50.000	54.483	262974.04	0.0613	P	1.6
4	☐	125.000	134.807	644100.02	0.1509	P	2.1
5	☐	250.000	256.476	1215819.25	0.2868	A	2.6
6	☐	500.000	508.642	2323840.74	0.5683	A	1.3
7	☐	1000.000	992.610	4380637.47	1.1086	A	0.8
8	☐			652.34	0.0002	P	17.4

$$y = 0.0011 * x + 4.2506E-004$$

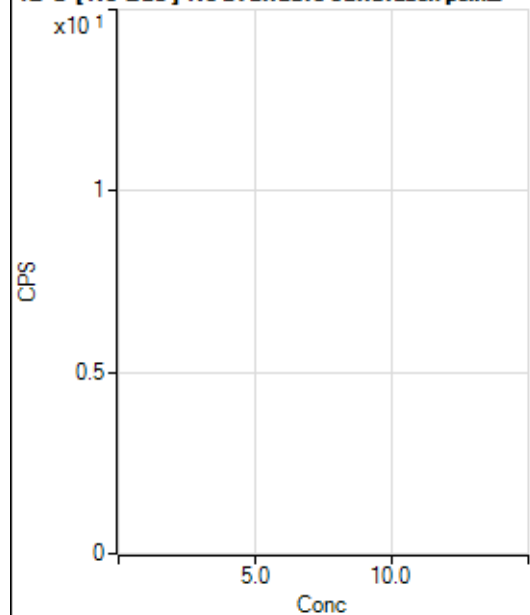
$$R = 0.9999$$

$$DL = 0.07845$$

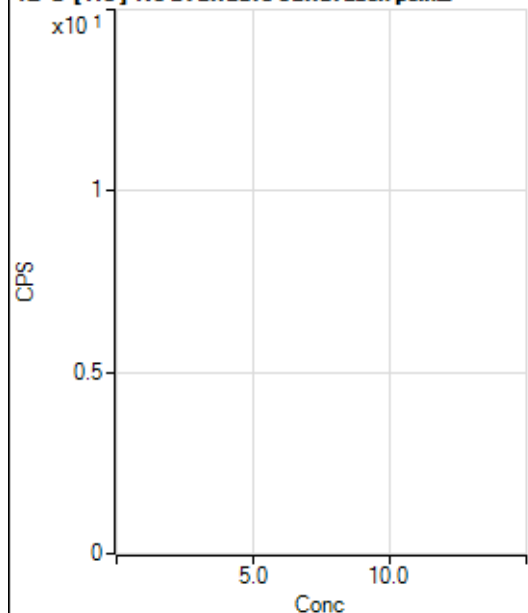
$$BEC = 0.3807$$

Weight: <None>

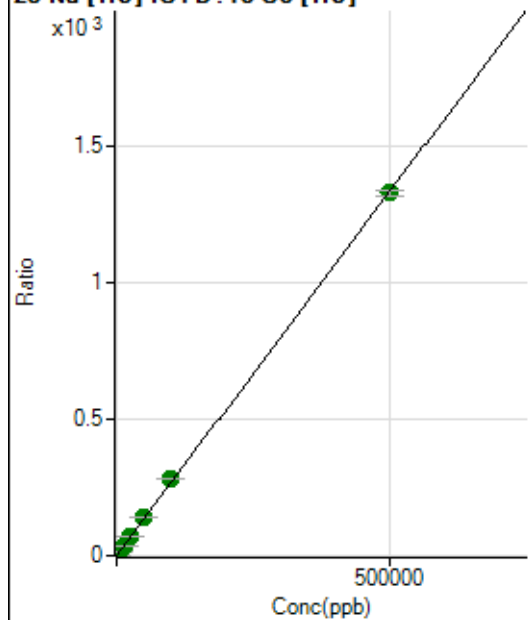
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2567688.85		A	1.8
2	☐			2692312.42		A	1.5
3	☐			2757206.73		A	1.0
4	☐			3276716.06		A	0.9
5	☐			3326591.96		A	1.5
6	☐			3451471.65		A	1.9
7	☐			3833802.96		A	4.5
8	☐			3204280.93		A	0.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16450.38		P	1.0
2	☐			17827.55		P	2.3
3	☐			18312.61		P	1.2
4	☐			21899.72		P	0.4
5	☐			23242.89		P	1.6
6	☐			24888.89		P	0.3
7	☐			29339.36		P	1.4
8	☐			27985.54		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19788.18	0.1121	P	3.4
2	☐	500.000	550.736	283302.26	1.5777	P	0.7
3	☐	5000.000	5344.490	2459897.41	14.3349	A	2.1
4	☐	12500.000	13339.000	5821914.84	35.6099	A	0.6
5	☐	25000.000	27024.229	11242171.36	72.0292	A	1.8
6	☐	50000.000	53011.252	21611167.18	141.1860	A	0.4
7	☐	100000.00	104969.34	42715822.70	279.4573	A	1.0
8	☐	500000.00	498579.32	197831770.3	1,326.935	A	1.5

$$y = 0.0027 * x + 0.1121$$

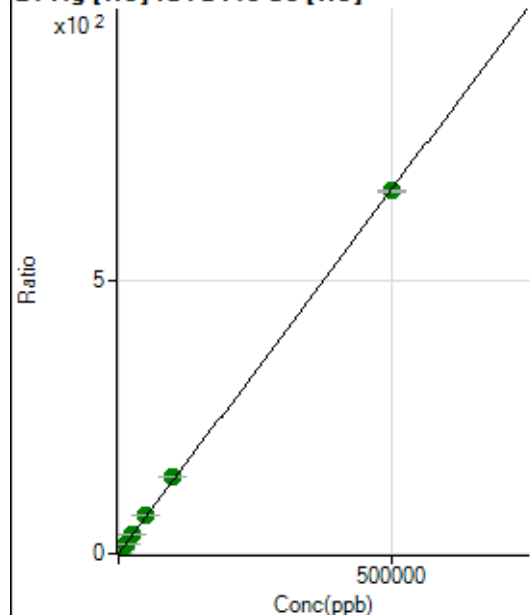
$$R = 0.9999$$

$$DL = 4.32$$

$$BEC = 42.12$$

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	395.56	0.0022	P	11.4
2	☐	500.000	569.971	137129.16	0.7637	P	1.1
3	☐	5000.000	5469.179	1254222.86	7.3088	A	0.6
4	☐	12500.000	13519.223	2953358.98	18.0632	A	1.1
5	☐	25000.000	27368.985	5707280.61	36.5657	A	1.0
6	☐	50000.000	53735.953	10988922.75	71.7906	A	0.5
7	☐	100000.00	105746.82	21590758.85	141.2743	A	1.5
8	☐	500000.00	498328.34	99257779.63	665.7420	A	0.7

$$y = 0.0013 * x + 0.0022$$

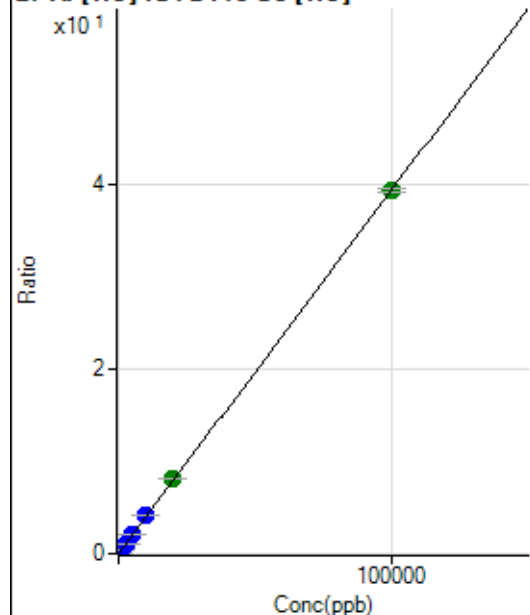
$$R = 0.9999$$

$$DL = 0.5763$$

$$BEC = 1.678$$

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	291.12	0.0016	P	8.3
2	☐	20.000	19.828	1701.23	0.0095	P	3.7
3	☐	1000.000	1041.021	70764.34	0.4124	P	1.7
4	☐	2500.000	2641.320	170659.94	1.0438	P	0.5
5	☐	5000.000	5266.069	324595.89	2.0795	P	1.1
6	☐	10000.000	10465.698	632332.49	4.1311	P	1.5
7	☐	20000.000	20647.377	1245513.26	8.1486	A	0.9
8	☐	100000.00	99806.708	5871634.84	39.3828	A	0.9

$$y = 3.9457E-004 * x + 0.0016$$

$$R = 1.0000$$

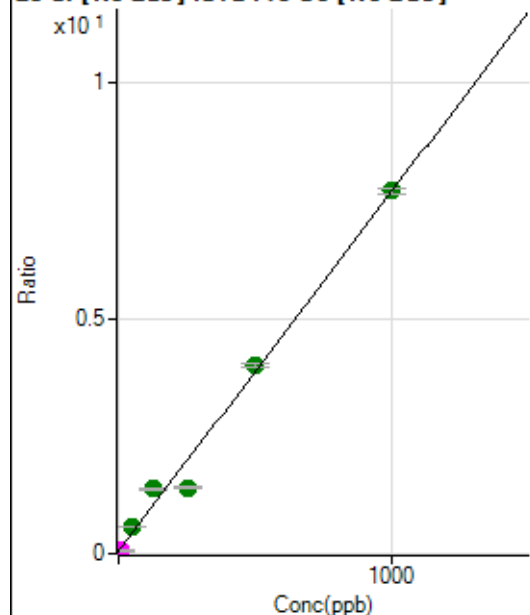
$$DL = 1.039$$

$$BEC = 4.181$$

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	554889.39	0.0557	P	5.1
2	☐	10.000	0.776	609197.28	0.0616	M	6.9
3	☐	50.000	69.044	5666424.92	0.5823	A	2.0
4	☐	125.000	172.200	12810589.95	1.3691	A	1.0
5	☐	250.000	175.627	12430106.90	1.3952	A	2.2
6	☐	500.000	518.160	34514993.65	4.0078	A	1.9
7	☐	1000.000	1002.753	65687946.80	7.7039	A	1.4
8	☐			649374.89	0.0787	P	3.6

$$y = 0.0076 * x + 0.0557$$

$$R = 0.9947$$

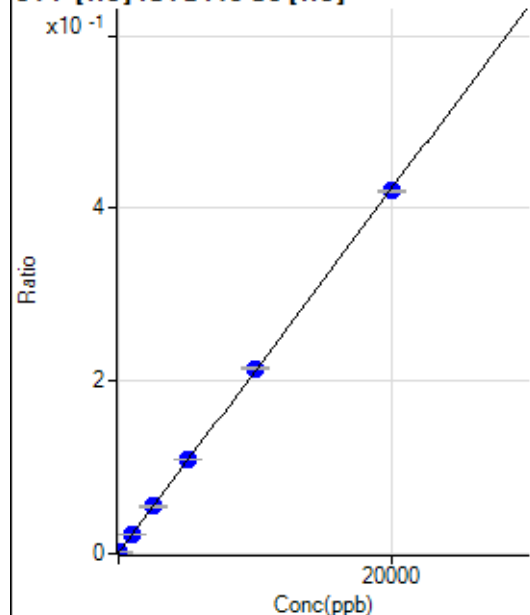
$$DL = 1.108$$

$$BEC = 7.297$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.738	85.56	0.0005	P	19.9
2	☐	0.000	18.738	228.89	0.0013	P	4.6
3	☐	1000.000	1031.402	3882.79	0.0226	P	1.2
4	☐	2500.000	2570.839	9005.08	0.0551	P	2.7
5	☐	5000.000	5155.542	17105.73	0.1096	P	0.8
6	☐	10000.000	10132.342	32836.05	0.2145	P	1.6
7	☐	20000.000	19884.518	64218.03	0.4202	P	0.3
8	☐			115.56	0.0008	P	15.6

$$y = 2.1086E-005 * x + 8.7963E-004$$

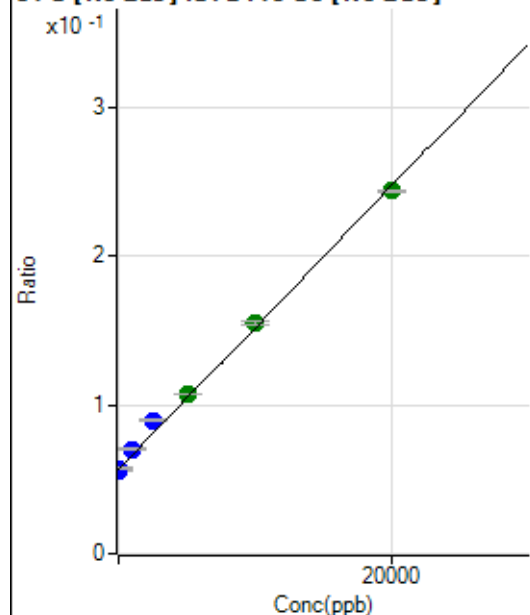
$$R = 0.9999$$

$$DL = 10.99$$

$$BEC = 41.72$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-59.298	560640.66	0.0562	P	1.9
2	☐	0.000	59.298	567475.57	0.0573	P	1.3
3	☐	1000.000	1411.664	683644.05	0.0702	P	1.0
4	☐	2500.000	3470.462	841038.70	0.0899	P	0.4
5	☐	5000.000	5245.071	951759.05	0.1068	A	0.1
6	☐	10000.000	10324.376	1336987.80	0.1552	A	1.4
7	☐	20000.000	19634.653	2080789.48	0.2440	A	0.5
8	☐			467725.57	0.0566	P	0.2

$$y = 9.5368\text{E-}006 * x + 0.0568$$

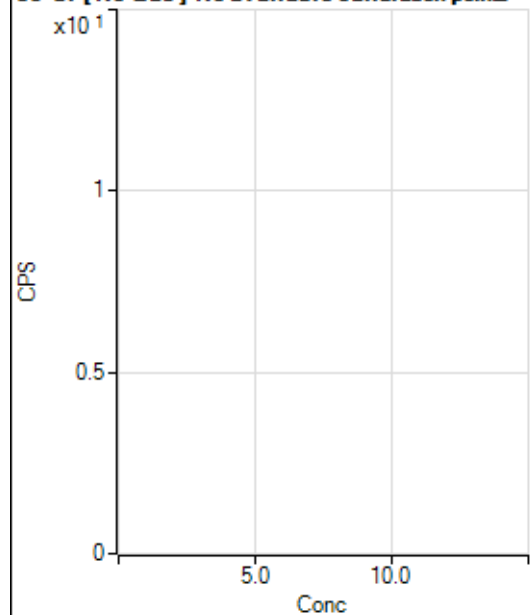
$$R = 0.9987$$

$$DL = 285.4$$

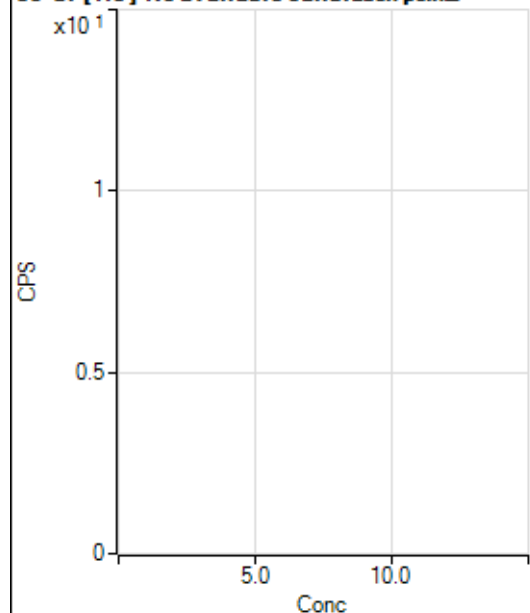
$$BEC = 5954$$

Weight: <None>

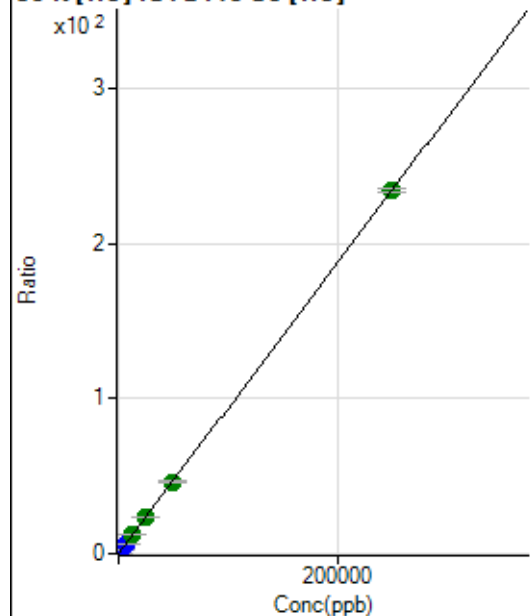
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			84573.76		P	0.9
2	☐			89245.96		P	0.3
3	☐			90570.86		P	0.7
4	☐			129000.72		P	1.9
5	☐			127876.66		P	1.6
6	☐			136280.06		P	1.9
7	☐			161752.14		P	3.5
8	☐			119853.23		P	1.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			295.56		P	10.5
2	☐			316.67		P	2.8
3	☐			324.45		P	9.5
4	☐			407.79		P	3.9
5	☐			471.12		P	5.1
6	☐			458.90		P	3.7
7	☐			632.24		P	7.5
8	☐			427.79		P	7.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12717.91	0.0720	P	1.0
2	☐	500.000	533.285	102592.49	0.5713	P	0.8
3	☐	2500.000	2549.693	422004.32	2.4593	P	0.9
4	☐	6250.000	6536.785	1012308.00	6.1923	P	1.6
5	☐	12500.000	13188.820	1938806.81	12.4205	A	1.1
6	☐	25000.000	25259.976	3630951.47	23.7225	A	2.3
7	☐	50000.000	49448.573	7086153.30	46.3698	A	2.0
8	☐	250000.00	250042.11	34914963.09	234.1820	A	1.0

$$y = 9.3628\text{E-}004 * x + 0.0720$$

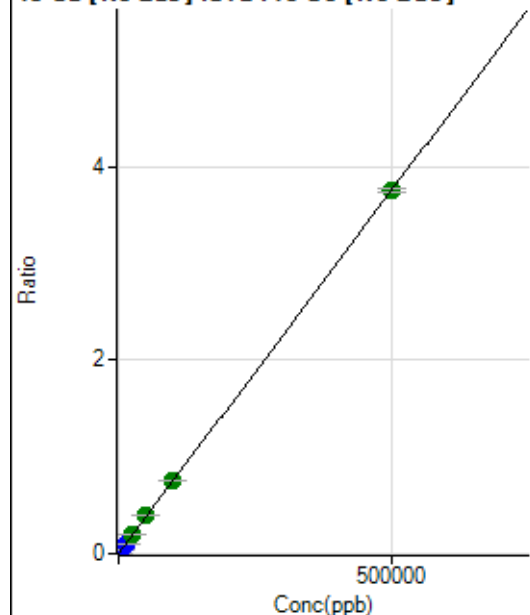
$$R = 1.0000$$

$$DL = 2.216$$

$$BEC = 76.93$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1386.75	0.0001	P	4.8
2	☐	500.000	554.949	42589.60	0.0043	P	1.7
3	☐	5000.000	5207.380	381726.48	0.0392	P	0.9
4	☐	12500.000	12973.506	912404.39	0.0975	P	1.1
5	☐	25000.000	26413.409	1767361.76	0.1984	A	2.4
6	☐	50000.000	52328.175	3383784.39	0.3929	A	0.1
7	☐	100000.00	101039.85	6467389.00	0.7585	A	0.4
8	☐	500000.00	499474.57	30958484.26	3.7488	A	1.2

$$y = 7.5053\text{E-}006 * x + 1.3894\text{E-}004$$

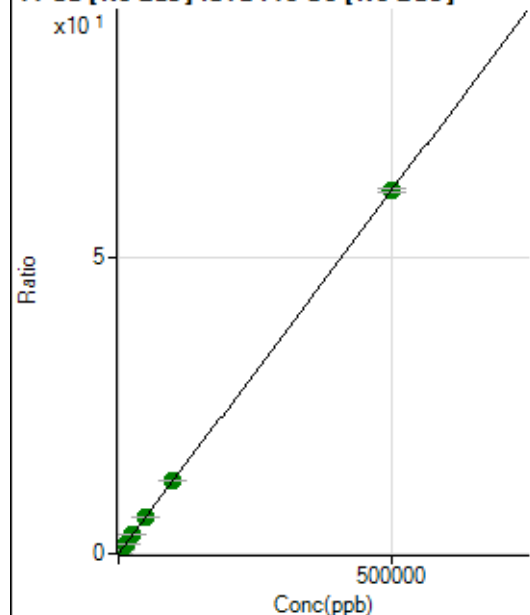
$$R = 1.0000$$

$$DL = 2.676$$

$$BEC = 18.51$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38173.79	0.0038	P	2.4
2	☐	500.000	544.736	700588.47	0.0708	P	1.3
3	☐	5000.000	5120.228	6164271.58	0.6333	A	0.3
4	☐	12500.000	12859.644	14829709.50	1.5848	A	1.0
5	☐	25000.000	25767.694	28263968.19	3.1718	A	0.8
6	☐	50000.000	51133.563	54181357.53	6.2904	A	0.9
7	☐	100000.00	100137.77	105008849.5	12.3152	A	0.5
8	☐	500000.00	499810.46	507490947.9	61.4526	A	1.1

$$y = 1.2294\text{E-}004 * x + 0.0038$$

$$R = 1.0000$$

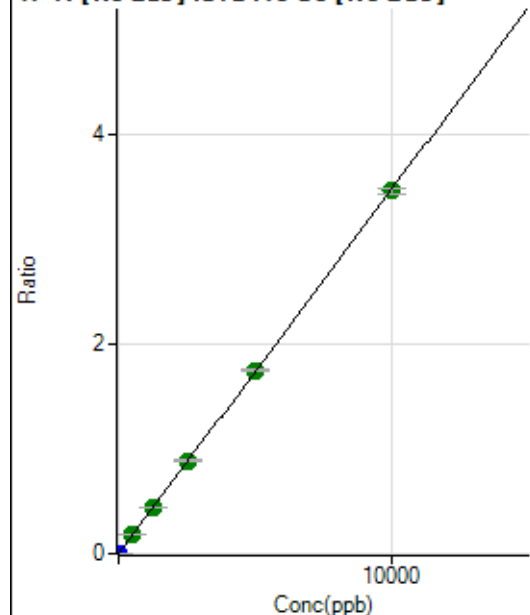
$$DL = 2.266$$

$$BEC = 31.13$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	255.56	0.0000	P	6.7
2	☐	5.000	5.468	19018.22	0.0019	P	3.0
3	☐	500.000	512.645	1730515.95	0.1778	A	0.8
4	☐	1250.000	1267.952	4114832.79	0.4397	A	0.7
5	☐	2500.000	2556.780	7901294.33	0.8867	A	1.1
6	☐	5000.000	5040.455	15054636.58	1.7480	A	0.9
7	☐	10000.000	9962.701	29462228.73	3.4550	A	1.6
8	☐			3062.59	0.0004	P	4.8

$$y = 3.4679\text{E-}004 * x + 2.5640\text{E-}005$$

$$R = 1.0000$$

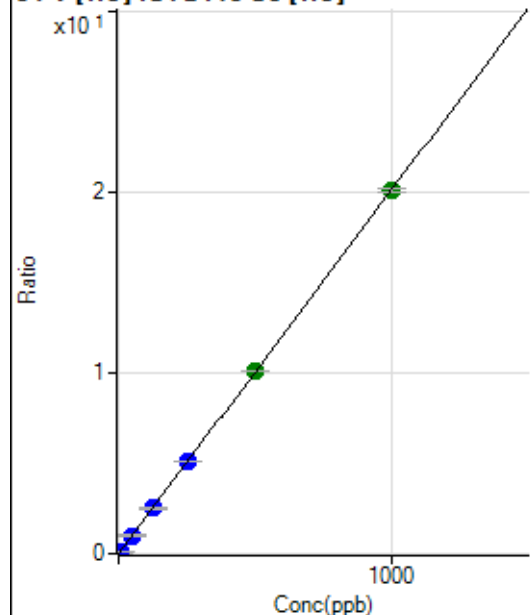
$$DL = 0.01496$$

$$BEC = 0.07394$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.45	0.0014	P	13.1
2	☐	5.000	5.281	19358.73	0.1078	P	0.2
3	☐	50.000	50.114	173522.75	1.0112	P	1.1
4	☐	125.000	124.641	410834.92	2.5130	P	0.7
5	☐	250.000	253.307	796922.96	5.1057	P	0.5
6	☐	500.000	503.230	1552367.86	10.1418	A	0.6
7	☐	1000.000	997.596	3072434.50	20.1036	A	1.0
8	☐			835.59	0.0056	P	6.4

$$y = 0.0202 * x + 0.0014$$

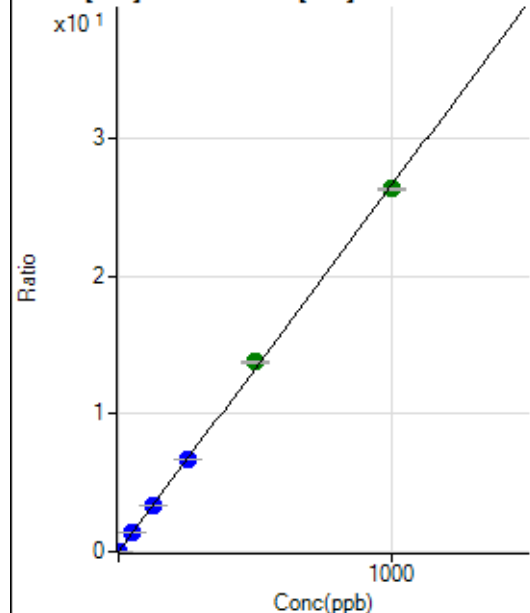
$$R = 1.0000$$

$$DL = 0.027$$

$$BEC = 0.06867$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1570.10	0.0089	P	3.2
2	☐	2.000	2.082	11544.73	0.0643	P	1.3
3	☐	50.000	49.994	229775.22	1.3391	P	1.2
4	☐	125.000	124.842	544480.20	3.3305	P	1.0
5	☐	250.000	251.730	1046809.16	6.7066	P	0.7
6	☐	500.000	517.656	2109609.40	13.7820	A	0.8
7	☐	1000.000	990.759	4030200.81	26.3696	A	0.8
8	☐			35368.13	0.2372	P	0.3

$$y = 0.0266 * x + 0.0089$$

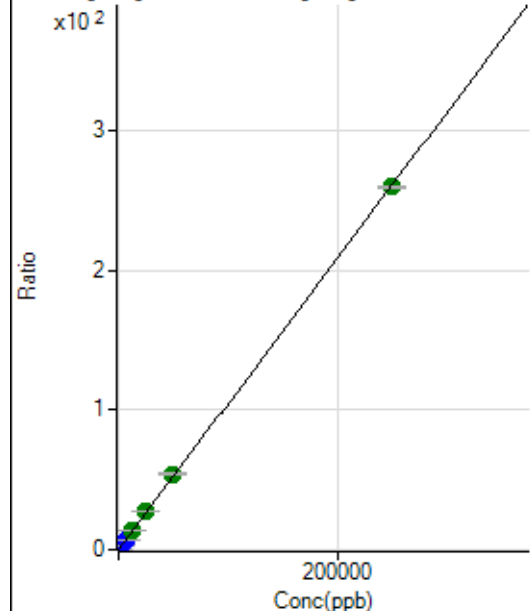
$$R = 0.9998$$

$$DL = 0.03216$$

$$BEC = 0.3343$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	623.35	0.0035	P	10.8
2	☐	50.000	57.754	11426.88	0.0636	P	1.3
3	☐	2500.000	2673.265	477981.98	2.7855	P	1.1
4	☐	6250.000	6632.967	1129054.32	6.9062	P	0.8
5	☐	12500.000	13723.549	2229685.61	14.2851	A	1.2
6	☐	25000.000	26869.045	4280537.02	27.9650	A	0.2
7	☐	50000.000	52059.011	8279801.34	54.1792	A	2.1
8	☐	250000.00	249328.80	38686535.53	259.4697	A	0.3

$$y = 0.0010 * x + 0.0035$$

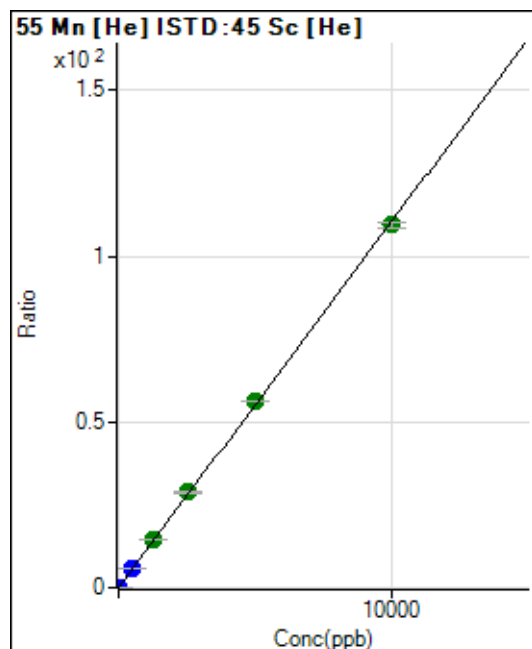
$$R = 0.9999$$

$$DL = 1.099$$

$$BEC = 3.394$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3281.52	0.0186	P	0.6
2	☐	1.000	1.221	5757.88	0.0321	P	2.8
3	☐	500.000	512.080	973235.95	5.6715	P	0.8
4	☐	1250.000	1298.939	2347400.69	14.3578	A	0.6
5	☐	2500.000	2614.583	4507622.92	28.8815	A	2.1
6	☐	5000.000	5099.017	8619060.36	56.3076	A	0.8
7	☐	10000.000	9915.124	16731707.25	109.4735	A	1.6
8	☐			11544.76	0.0774	P	0.5

$$y = 0.0110 * x + 0.0186$$

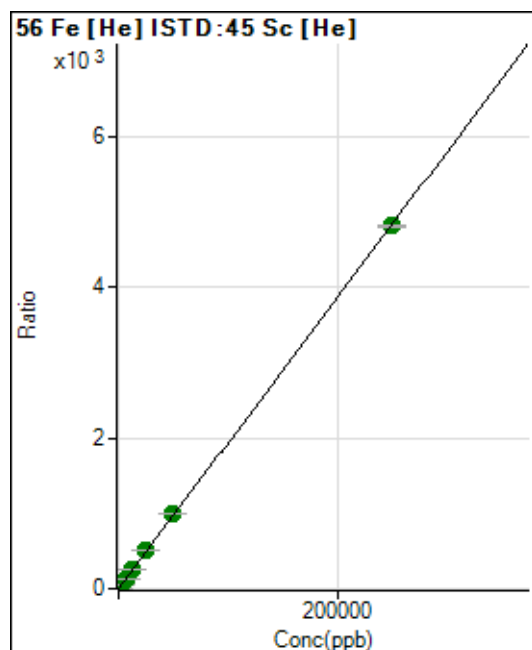
$$R = 0.9998$$

$$DL = 0.03175$$

$$BEC = 1.684$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6787.23	0.0384	P	1.8
2	☐	50.000	56.628	203264.90	1.1320	P	0.7
3	☐	2500.000	2675.203	8871630.01	51.6982	A	0.5
4	☐	6250.000	6706.363	21177458.29	129.5424	A	1.6
5	☐	12500.000	13384.232	40345398.01	258.4961	A	1.5
6	☐	25000.000	26219.522	77505570.51	506.3533	A	1.2
7	☐	50000.000	51342.475	151542319.9	991.4927	A	0.4
8	☐	250000.00	249552.17	718491687.0	4,819.042	A	0.7

$$y = 0.0193 * x + 0.0384$$

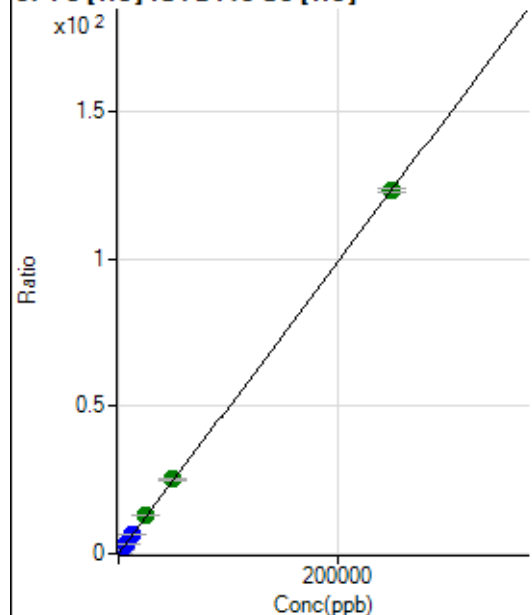
$$R = 1.0000$$

$$DL = 0.1066$$

$$BEC = 1.991$$

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	165.56	0.0009	P	5.8
2	☐	50.000	56.802	5194.34	0.0289	P	5.1
3	☐	2500.000	2609.331	220768.65	1.2866	P	1.0
4	☐	6250.000	6505.364	524159.13	3.2061	P	0.6
5	☐	12500.000	13094.981	1007158.49	6.4528	P	1.3
6	☐	25000.000	26470.271	1996435.72	13.0428	A	1.7
7	☐	50000.000	51049.152	3844088.73	25.1528	A	1.0
8	☐	250000.00	249605.91	18336010.97	122.9815	A	0.9

$$y = 4.9270\text{E-}004 * x + 9.3742\text{E-}004$$

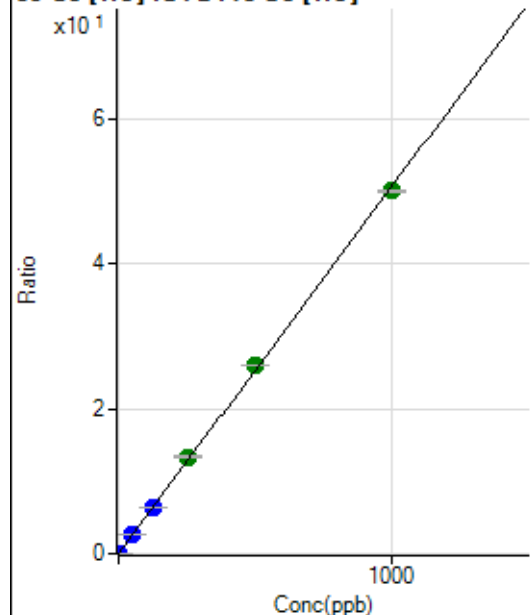
$$R = 1.0000$$

$$DL = 0.3296$$

$$BEC = 1.903$$

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	1323.41	0.0075	P	4.7
2	☐	1.000	1.034	10730.80	0.0598	P	0.2
3	☐	50.000	51.517	448127.22	2.6113	P	0.3
4	☐	125.000	127.044	1050970.06	6.4285	P	0.6
5	☐	250.000	264.271	2086043.60	13.3642	A	1.5
6	☐	500.000	513.809	3976168.34	25.9762	A	0.9
7	☐	1000.000	989.197	7642237.46	50.0031	A	0.6
8	☐			15963.47	0.1071	P	2.0

$$y = 0.0505 * x + 0.0075$$

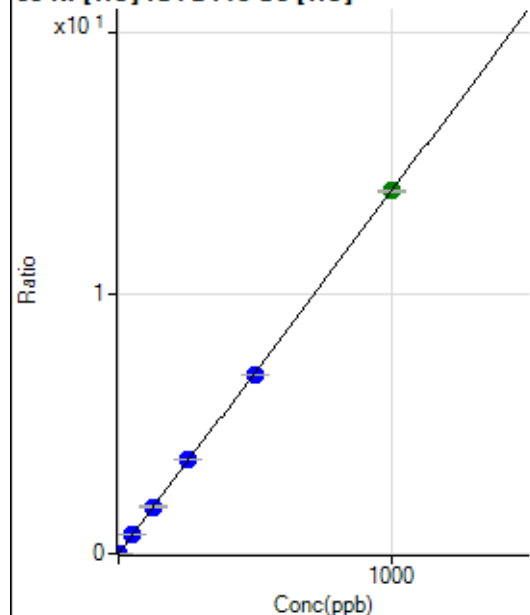
$$R = 0.9997$$

$$DL = 0.02102$$

$$BEC = 0.1483$$

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	687.80	0.0039	P	15.7
2	☐	1.000	0.957	3091.48	0.0172	P	6.5
3	☐	50.000	51.981	124873.41	0.7277	P	0.8
4	☐	125.000	129.527	295470.74	1.8074	P	1.6
5	☐	250.000	258.219	561804.74	3.5994	P	0.6
6	☐	500.000	494.476	1054491.59	6.8890	P	0.4
7	☐	1000.000	1000.043	2128754.71	13.9285	A	0.6
8	☐			10081.44	0.0676	P	2.5

$$y = 0.0139 * x + 0.0039$$

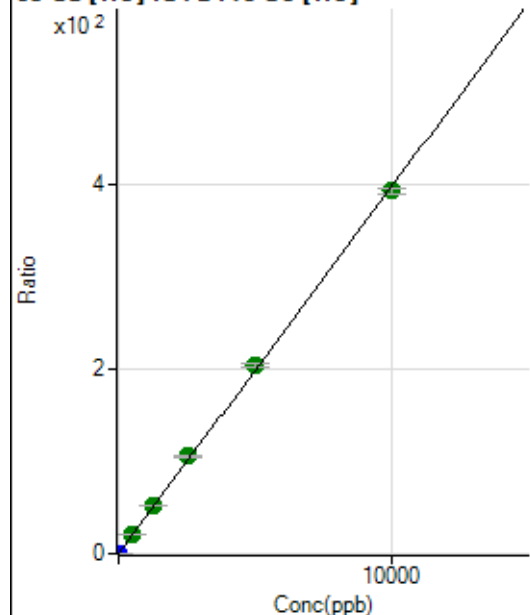
$$R = 0.9999$$

$$DL = 0.132$$

$$BEC = 0.28$$

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	1751.24	0.0099	P	1.6
2	☐	2.000	2.244	17827.99	0.0993	P	2.2
3	☐	500.000	537.987	3677412.30	21.4301	A	0.8
4	☐	1250.000	1316.382	8570686.05	52.4222	A	0.4
5	☐	2500.000	2653.906	16493709.20	105.6763	A	2.3
6	☐	5000.000	5128.748	31258346.76	204.2132	A	1.3
7	☐	10000.000	9886.952	60159363.55	393.6631	A	1.9
8	☐			17703.34	0.1187	P	0.6

$$y = 0.0398 * x + 0.0099$$

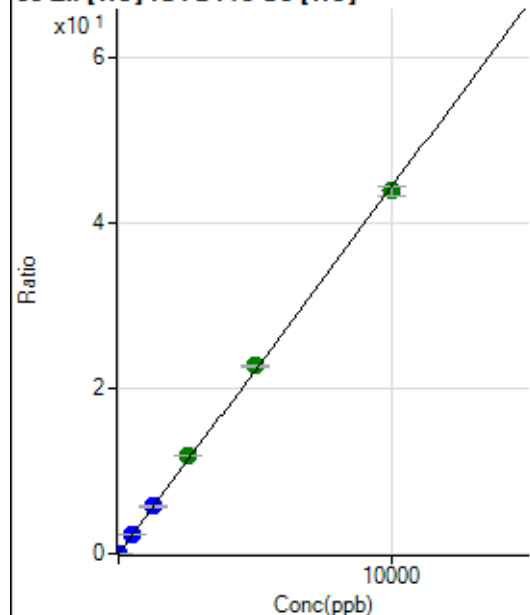
$$R = 0.9997$$

$$DL = 0.0123$$

$$BEC = 0.2491$$

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	594.46	0.0034	P	5.6
2	☐	2.000	5.113	4684.16	0.0261	P	1.0
3	☐	500.000	513.051	391766.52	2.2831	P	1.0
4	☐	1250.000	1289.935	937562.16	5.7351	P	1.4
5	☐	2500.000	2662.781	1847280.06	11.8352	A	0.8
6	☐	5000.000	5125.465	3486616.82	22.7779	A	0.6
7	☐	10000.000	9890.927	6716453.09	43.9528	A	2.5
8	☐			39288.73	0.2635	P	0.5

$$y = 0.0044 * x + 0.0034$$

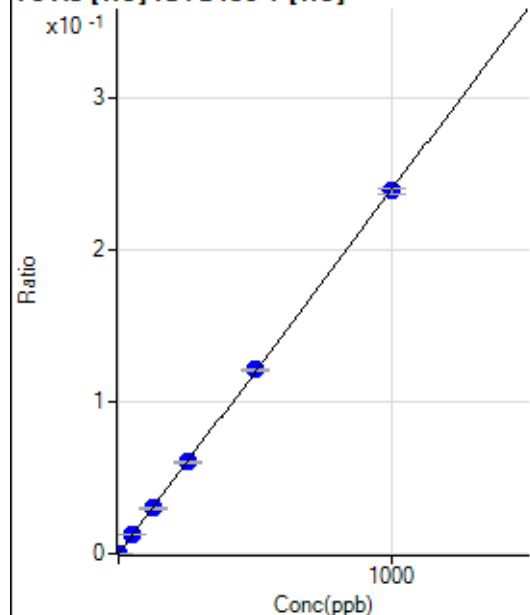
$$R = 0.9997$$

$$DL = 0.128$$

$$BEC = 0.7576$$

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	57.78	0.0000	P	48.5
2	☐	1.000	1.020	586.69	0.0003	P	3.4
3	☐	50.000	51.529	25338.39	0.0124	P	1.6
4	☐	125.000	124.457	59771.60	0.0298	P	1.8
5	☐	250.000	252.224	115387.50	0.0604	P	2.6
6	☐	500.000	504.663	220940.32	0.1208	P	1.5
7	☐	1000.000	997.104	429626.01	0.2386	P	1.6
8	☐			214.45	0.0001	P	16.3

$$y = 2.3922E-004 * x + 2.6838E-005$$

$$R = 1.0000$$

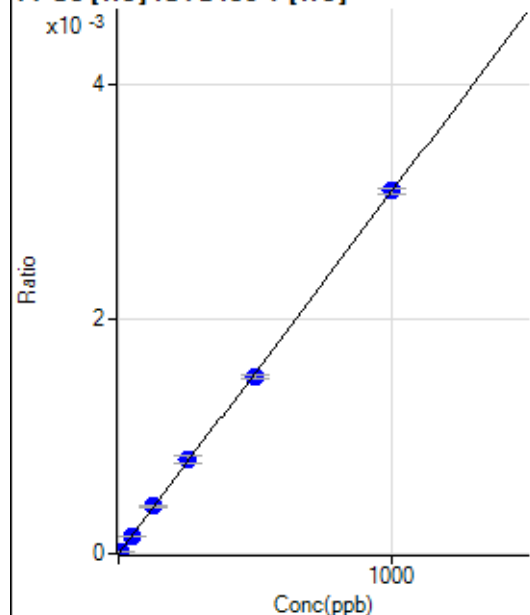
$$DL = 0.1631$$

$$BEC = 0.1122$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.664	31.11	0.0000	P	17.2
3	☐	50.000	48.157	304.45	0.0001	P	5.4
4	☐	125.000	130.330	805.59	0.0004	P	6.0
5	☐	250.000	260.703	1535.66	0.0008	P	7.2
6	☐	500.000	488.638	2755.86	0.0015	P	1.8
7	☐	1000.000	1002.433	5565.59	0.0031	P	1.7
8	☐			1.11	0.0000	P	173.

$$y = 3.0825\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

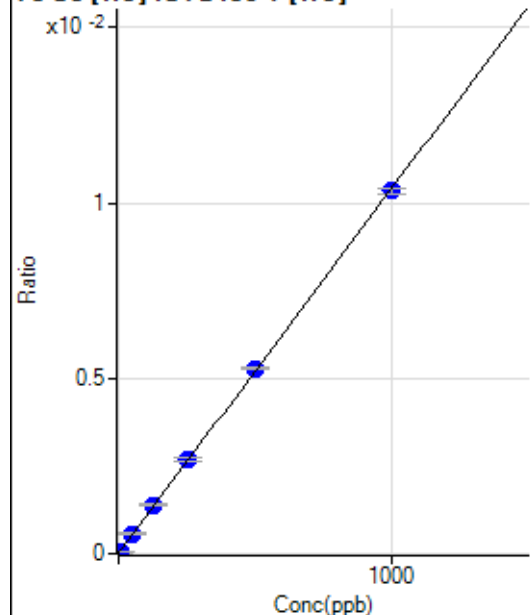
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	33.4
2	☐	5.000	5.961	160.00	0.0001	P	13.3
3	☐	50.000	53.540	1165.62	0.0006	P	2.9
4	☐	125.000	131.409	2762.53	0.0014	P	4.1
5	☐	250.000	256.166	5110.99	0.0027	P	4.6
6	☐	500.000	506.972	9662.28	0.0053	P	1.7
7	☐	1000.000	993.990	18626.88	0.0103	P	1.6
8	☐			23.33	0.0000	P	13.7

$$y = 1.0393\text{E-}005 * x + 1.1887\text{E-}005$$

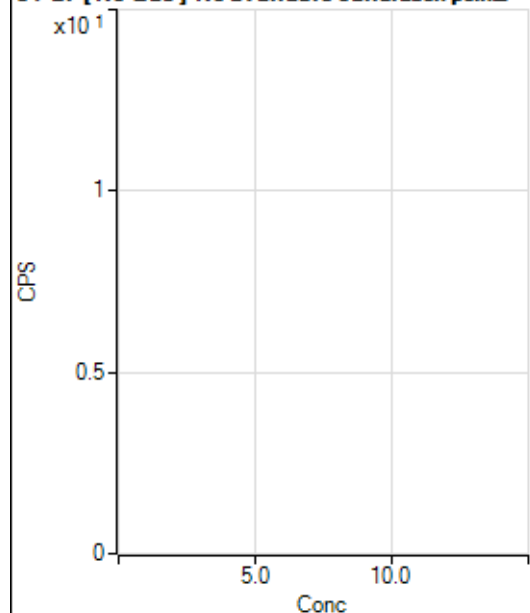
$$R = 0.9999$$

$$DL = 1.148$$

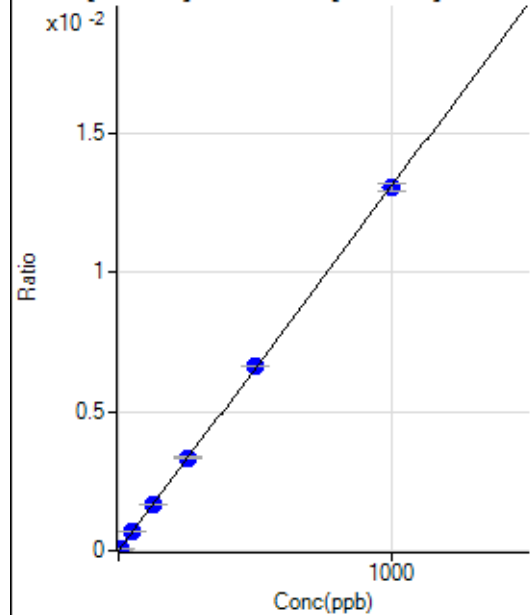
$$BEC = 1.144$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31769.38		P	1.1
2	☐			31452.09		P	0.3
3	☐			31247.07		P	1.3
4	☐			29673.75		P	1.3
5	☐			27875.57		P	2.3
6	☐			26322.53		P	2.4
7	☐			26549.67		P	1.3
8	☐			26135.55		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	56.67	0.0000	P	97.7
2	☐	5.000	5.650	2124.67	0.0001	P	1.1
3	☐	50.000	52.281	19092.35	0.0007	P	2.0
4	☐	125.000	128.358	45323.95	0.0017	P	0.4
5	☐	250.000	255.447	88902.07	0.0033	P	0.6
6	☐	500.000	505.898	169766.44	0.0066	P	0.5
7	☐	1000.000	995.152	327989.41	0.0130	P	2.0
8	☐			308.90	0.0000	P	9.1

$$y = 1.3098E-005 * x + 2.0232E-006$$

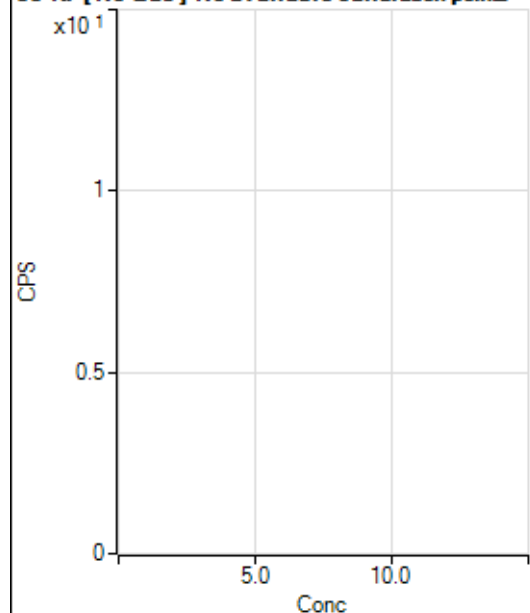
$$R = 1.0000$$

$$DL = 0.4529$$

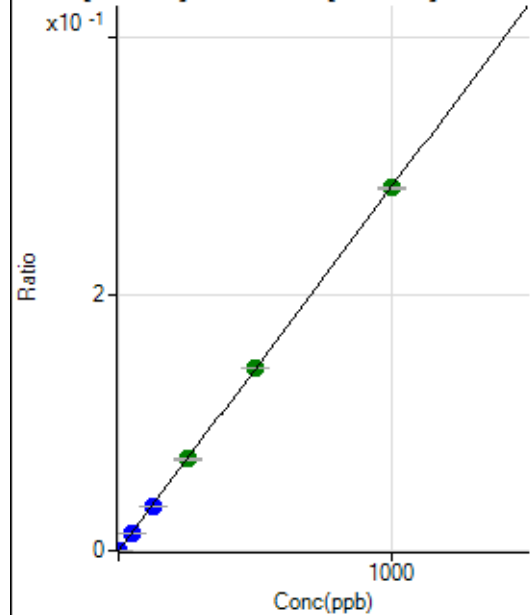
$$BEC = 0.1545$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			290.01		P	8.0
2	☐			276.67		P	18.2
3	☐			275.56		P	7.4
4	☐			303.34		P	4.0
5	☐			251.12		P	16.7
6	☐			253.34		P	4.7
7	☐			301.12		P	20.4
8	☐			314.45		P	9.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	526.68	0.0000	P	7.7
2	☐	1.000	1.056	8892.91	0.0003	P	1.4
3	☐	50.000	49.215	388310.76	0.0140	P	1.8
4	☐	125.000	122.791	937651.08	0.0348	P	0.3
5	☐	250.000	251.685	1894844.73	0.0714	A	0.5
6	☐	500.000	504.446	3662691.65	0.1430	A	0.2
7	☐	1000.000	997.671	7115257.19	0.2828	A	0.5
8	☐			22522.67	0.0009	P	0.8

$$y = 2.8343E-004 * x + 1.8810E-005$$

$$R = 1.0000$$

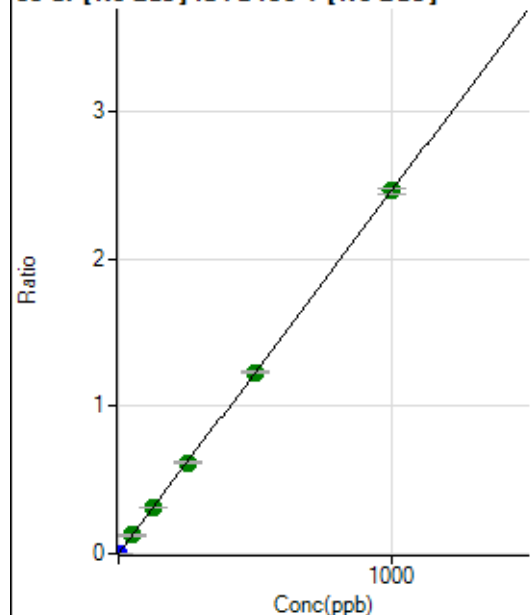
$$DL = 0.01532$$

$$BEC = 0.06637$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	555.57	0.0000	P	8.5
2	☐	1.000	1.056	73245.26	0.0026	P	0.6
3	☐	50.000	50.726	3475172.62	0.1250	A	1.7
4	☐	125.000	125.413	8321262.52	0.3090	A	0.7
5	☐	250.000	250.993	16423244.06	0.6184	A	1.7
6	☐	500.000	498.679	31472639.81	1.2287	A	1.1
7	☐	1000.000	1000.324	62012089.08	2.4647	A	1.7
8	☐			190698.88	0.0079	P	1.2

$$y = 0.0025 * x + 1.9849E-005$$

$$R = 1.0000$$

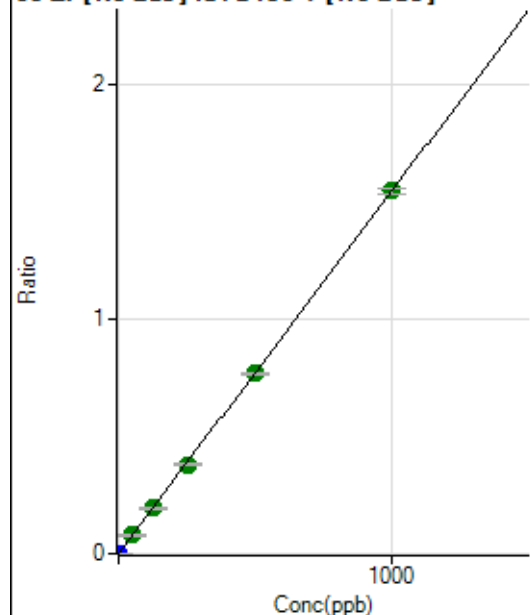
$$DL = 0.002047$$

$$BEC = 0.008056$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1407.86	0.0001	P	2.3
2	☐	1.000	1.024	45596.48	0.0016	P	1.9
3	☐	50.000	50.753	2180316.36	0.0784	A	1.5
4	☐	125.000	125.175	5206425.69	0.1934	A	0.9
5	☐	250.000	246.299	10101724.16	0.3804	A	0.6
6	☐	500.000	498.379	19716334.29	0.7697	A	0.9
7	☐	1000.000	1001.676	38922086.37	1.5469	A	1.5
8	☐			18818.37	0.0008	P	2.6

$$y = 0.0015 * x + 5.0270E-005$$

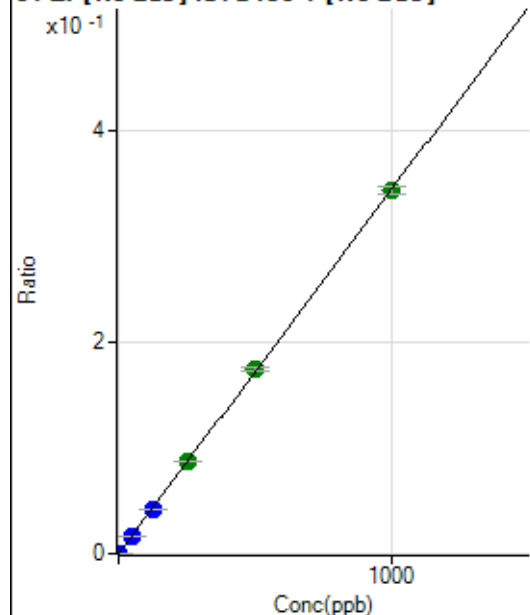
$$R = 1.0000$$

$$DL = 0.002223$$

$$BEC = 0.03255$$

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	243.34	0.0000	P	6.6
2	☐	1.000	1.052	10343.92	0.0004	P	1.2
3	☐	50.000	48.554	464066.32	0.0167	P	2.2
4	☐	125.000	121.541	1124896.01	0.0418	P	0.6
5	☐	250.000	252.482	2304230.52	0.0868	A	1.1
6	☐	500.000	507.415	4466023.68	0.1744	A	1.4
7	☐	1000.000	996.177	8612789.87	0.3423	A	2.1
8	☐			4091.75	0.0002	P	2.9

$$y = 3.4363\text{E-}004 * x + 8.6914\text{E-}006$$

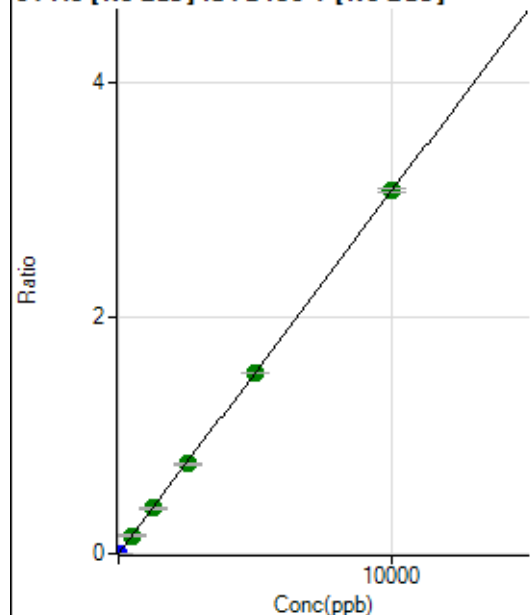
$$R = 0.9999$$

$$DL = 0.004982$$

$$BEC = 0.02529$$

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	1171.17	0.0000	P	5.4
2	☐	5.000	5.994	52622.43	0.0019	P	1.0
3	☐	500.000	500.480	4274701.18	0.1538	A	2.1
4	☐	1250.000	1246.774	10313521.30	0.3830	A	0.6
5	☐	2500.000	2470.639	20153879.00	0.7589	A	1.3
6	☐	5000.000	4997.157	39316851.36	1.5350	A	0.6
7	☐	10000.000	10009.141	77358820.51	3.0745	A	1.0
8	☐			15242.94	0.0006	P	4.9

$$y = 3.0717\text{E-}004 * x + 4.1814\text{E-}005$$

$$R = 1.0000$$

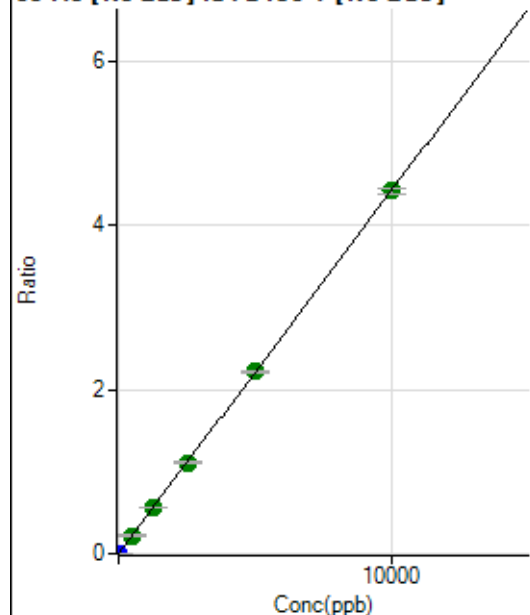
$$DL = 0.02223$$

$$BEC = 0.1361$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1247.85	0.0000	P	2.6
2	☐	5.000	5.096	64326.72	0.0023	P	2.0
3	☐	500.000	502.484	6187489.07	0.2226	A	2.1
4	☐	1250.000	1255.034	14968469.92	0.5559	A	1.1
5	☐	2500.000	2509.106	29509894.56	1.1113	A	1.5
6	☐	5000.000	5012.932	56859956.38	2.2201	A	1.7
7	☐	10000.000	9990.504	111321959.4	4.4246	A	1.7
8	☐			14459.88	0.0006	P	4.7

$$y = 4.4287\text{E-}004 * x + 4.4556\text{E-}005$$

$$R = 1.0000$$

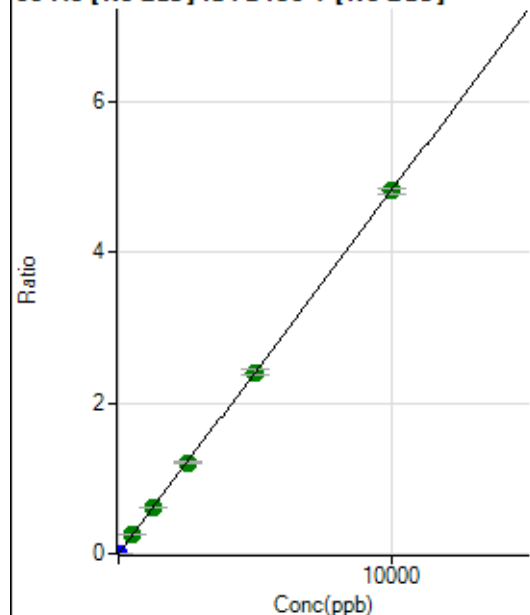
$$DL = 0.007959$$

$$BEC = 0.1006$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1434.53	0.0001	P	4.2
2	☐	5.000	5.192	71427.81	0.0026	P	0.2
3	☐	500.000	508.898	6825937.68	0.2455	A	2.0
4	☐	1250.000	1269.540	16492755.86	0.6125	A	0.9
5	☐	2500.000	2509.241	32144204.52	1.2105	A	1.5
6	☐	5000.000	5002.618	61804519.08	2.4133	A	2.3
7	☐	10000.000	9993.493	121294309.3	4.8209	A	1.6
8	☐			27577.48	0.0011	P	3.1

$$y = 4.8240\text{E-}004 * x + 5.1223\text{E-}005$$

$$R = 1.0000$$

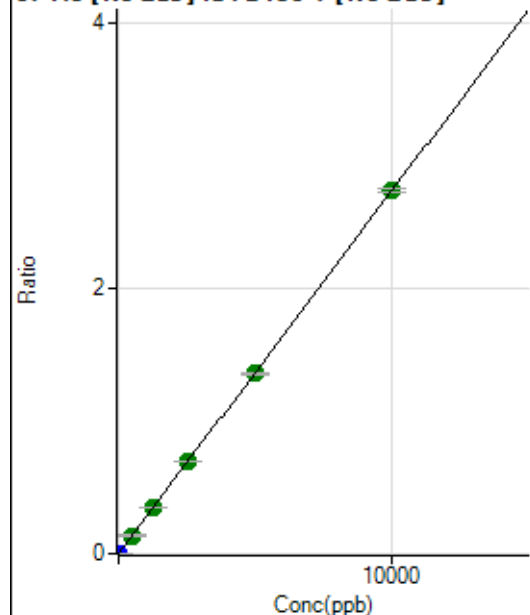
$$DL = 0.01339$$

$$BEC = 0.1062$$

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	815.59	0.0000	P	10.1
2	☐	5.000	5.174	40247.12	0.0014	P	0.6
3	☐	500.000	501.388	3801729.87	0.1367	A	1.4
4	☐	1250.000	1259.277	9246898.61	0.3434	A	0.5
5	☐	2500.000	2526.764	18297348.61	0.6890	A	0.5
6	☐	5000.000	4963.844	34666468.65	1.3536	A	1.5
7	☐	10000.000	10010.158	68678102.31	2.7296	A	1.2
8	☐			8828.46	0.0004	P	6.2

$$y = 2.7268\text{E-}004 * x + 2.9146\text{E-}005$$

$$R = 1.0000$$

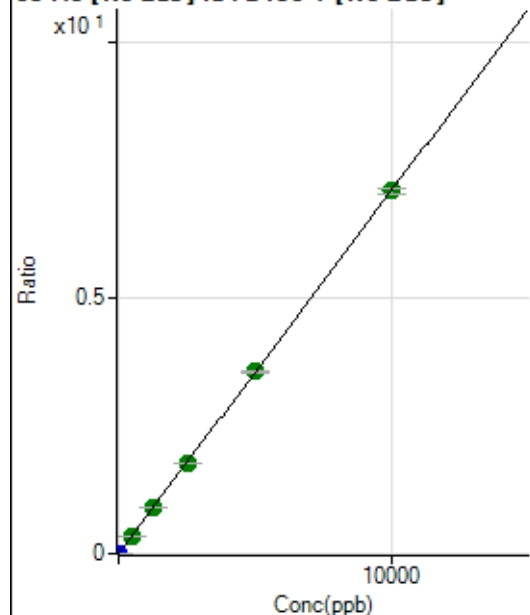
$$DL = 0.03247$$

$$BEC = 0.1069$$

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	1987.95	0.0001	P	5.0
2	☐	5.000	5.078	102776.03	0.0037	P	0.6
3	☐	500.000	493.429	9743302.22	0.3505	A	2.5
4	☐	1250.000	1249.842	23904206.03	0.8877	A	0.6
5	☐	2500.000	2509.654	47333787.08	1.7825	A	0.5
6	☐	5000.000	5010.041	91133691.97	3.5583	A	1.2
7	☐	10000.000	9992.914	178574655.1	7.0972	A	1.4
8	☐			22412.79	0.0009	P	7.5

$$y = 7.1022\text{E-}004 * x + 7.1011\text{E-}005$$

$$R = 1.0000$$

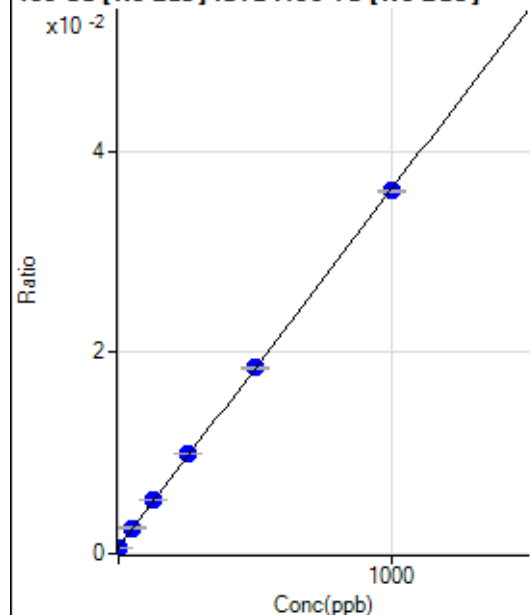
$$DL = 0.01505$$

$$BEC = 0.09999$$

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	10971.12	0.0006	P	1.4
2	☐	1.000	0.423	11479.30	0.0007	P	1.3
3	☐	50.000	54.173	44607.45	0.0026	P	1.5
4	☐	125.000	132.088	92828.49	0.0053	P	1.3
5	☐	250.000	261.117	170355.21	0.0099	P	1.0
6	☐	500.000	501.621	318649.63	0.0185	P	1.4
7	☐	1000.000	995.316	613192.46	0.0361	P	0.2
8	☐			9294.32	0.0006	P	1.2

$$y = 3.5614\text{E-}005 * x + 6.4302\text{E-}004$$

$$R = 0.9999$$

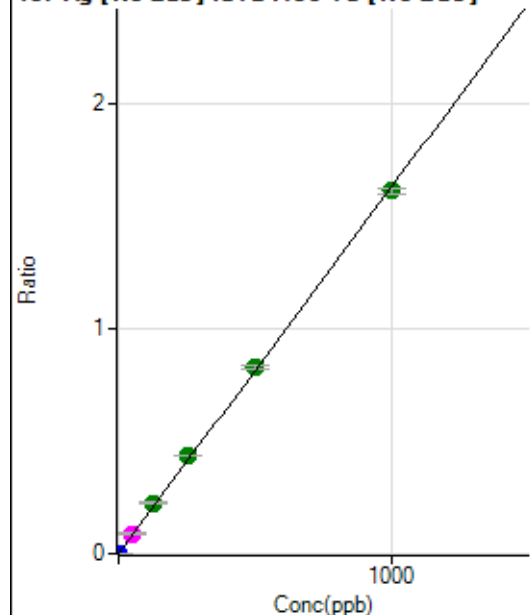
$$DL = 0.7473$$

$$BEC = 18.06$$

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	174.45	0.0000	P	19.9
2	☐	1.000	1.111	31805.54	0.0018	P	3.0
3	☐	50.000	54.924	1555259.14	0.0897	M	3.3
4	☐	125.000	138.350	3921761.92	0.2259	A	1.4
5	☐	250.000	266.811	7463719.96	0.4356	A	0.9
6	☐	500.000	508.965	14306586.60	0.8310	A	2.5
7	☐	1000.000	989.400	27449907.92	1.6154	A	1.2
8	☐			2542.48	0.0002	P	12.9

$$y = 0.0016 * x + 1.0212\text{E-}005$$

$$R = 0.9997$$

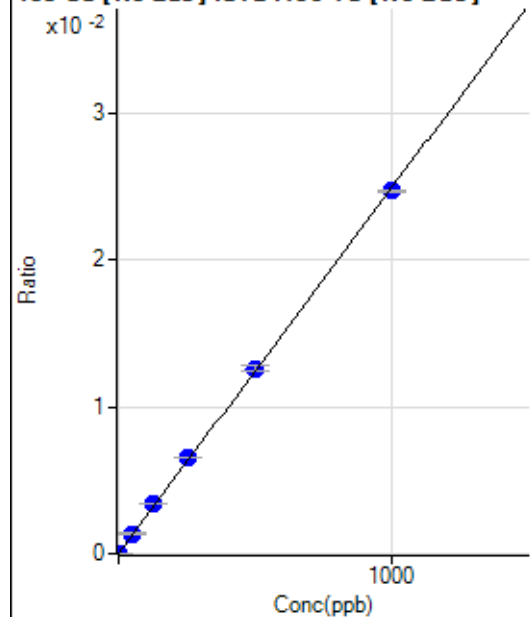
$$DL = 0.003728$$

$$BEC = 0.006255$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0000	P	34.7
2	☐	1.000	0.980	486.68	0.0000	P	15.2
3	☐	50.000	55.000	23781.70	0.0014	P	0.5
4	☐	125.000	135.011	58357.35	0.0034	P	1.2
5	☐	250.000	261.682	111569.07	0.0065	P	1.1
6	☐	500.000	506.265	216836.61	0.0126	P	2.7
7	☐	1000.000	992.446	419478.01	0.0247	P	0.9
8	☐			188.89	0.0000	P	21.5

$$y = 2.4872E-005 * x + 3.5229E-006$$

R = 0.9999

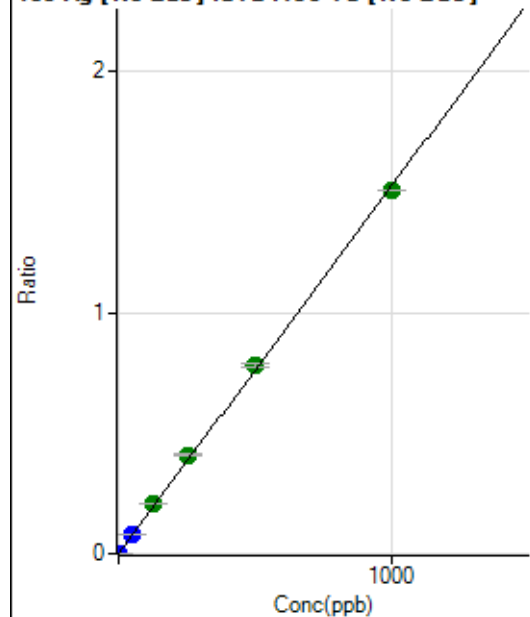
DL = 0.1472

BEC = 0.1416

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0000	P	27.6
2	☐	1.000	1.125	29969.34	0.0017	P	1.7
3	☐	50.000	54.265	1434826.16	0.0827	P	0.8
4	☐	125.000	137.827	3648972.93	0.2102	A	0.7
5	☐	250.000	269.351	7035889.90	0.4107	A	2.7
6	☐	500.000	512.203	13445977.30	0.7810	A	1.8
7	☐	1000.000	987.244	25575799.06	1.5053	A	0.1
8	☐			2406.90	0.0002	P	7.3

$$y = 0.0015 * x + 3.3261E-006$$

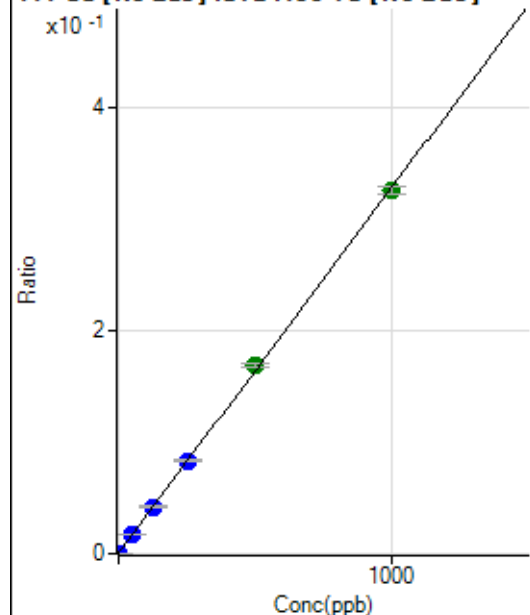
R = 0.9996

DL = 0.001806

BEC = 0.002181

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8176.69	0.0005	P	2.2
2	☐	1.000	1.024	14214.22	0.0008	P	1.7
3	☐	50.000	52.982	309594.37	0.0179	P	0.4
4	☐	125.000	127.479	734142.43	0.0423	P	0.3
5	☐	250.000	252.805	1428617.54	0.0834	P	1.6
6	☐	500.000	513.935	2909808.58	0.1690	A	2.1
7	☐	1000.000	991.872	5535005.04	0.3257	A	2.2
8	☐			7202.72	0.0005	P	1.0

$$y = 3.2793E-004 * x + 4.7926E-004$$

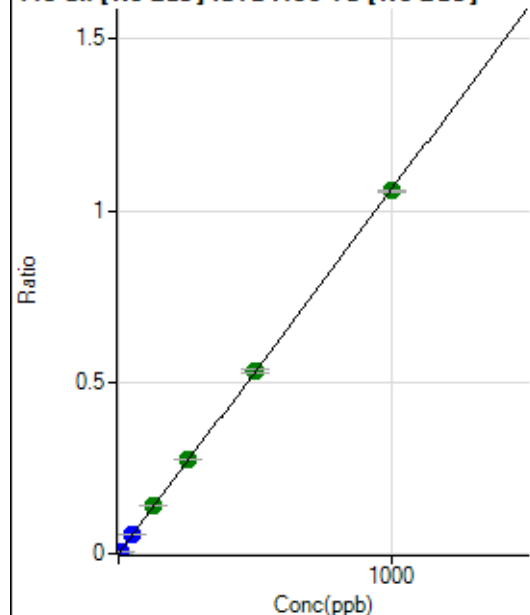
R = 0.9999

DL = 0.09799

BEC = 1.461

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3785.01	0.0002	P	1.3
2	☐	5.000	5.430	104354.59	0.0060	P	1.7
3	☐	50.000	51.691	954727.39	0.0551	P	0.1
4	☐	125.000	132.356	2441920.52	0.1406	A	1.3
5	☐	250.000	259.196	4714835.94	0.2752	A	1.2
6	☐	500.000	500.867	9151828.82	0.5316	A	2.0
7	☐	1000.000	996.261	17960677.09	1.0571	A	0.8
8	☐			6769.90	0.0004	P	6.3

$$y = 0.0011 * x + 2.2182E-004$$

R = 0.9999

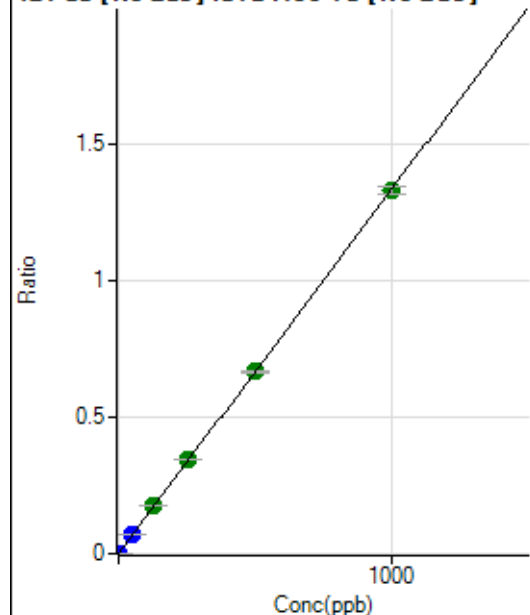
DL = 0.008146

BEC = 0.2091

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	46.67	0.0000	P	13.6
2	☐	2.000	2.134	49804.77	0.0029	P	0.9
3	☐	50.000	51.167	1186093.73	0.0684	P	0.4
4	☐	125.000	130.439	3027493.46	0.1744	A	0.4
5	☐	250.000	259.266	5938094.01	0.3466	A	0.5
6	☐	500.000	501.376	11539405.66	0.6702	A	1.1
7	☐	1000.000	996.257	22623370.50	1.3317	A	2.1
8	☐			15632.36	0.0010	P	4.3

$$y = 0.0013 * x + 2.7333E-006$$

$$R = 0.9999$$

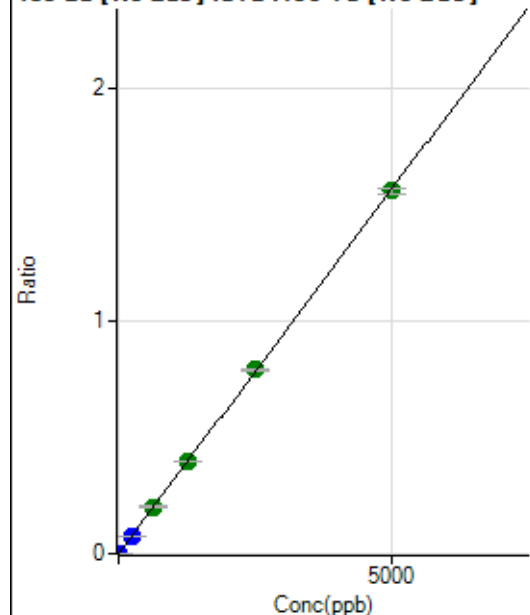
$$DL = 0.0008314$$

$$BEC = 0.002045$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1076.72	0.0001	P	8.8
2	☐	10.000	10.297	57278.14	0.0033	P	0.8
3	☐	250.000	248.015	1346295.28	0.0776	P	0.5
4	☐	625.000	642.425	3489342.69	0.2010	A	2.0
5	☐	1250.000	1275.616	6837427.47	0.3991	A	0.5
6	☐	2500.000	2523.566	13590747.85	0.7894	A	1.8
7	☐	5000.000	4979.733	26461074.33	1.5576	A	1.6
8	☐			10178.36	0.0006	P	1.4

$$y = 3.1278E-004 * x + 6.3067E-005$$

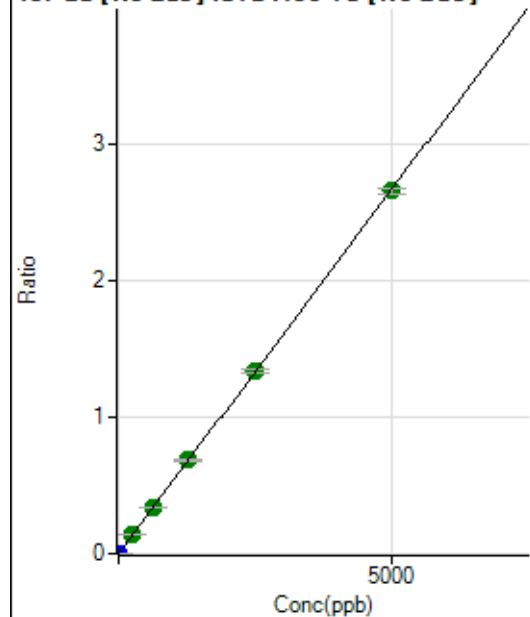
$$R = 1.0000$$

$$DL = 0.0533$$

$$BEC = 0.2016$$

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	1753.47	0.0001	P	6.8
2	☐	10.000	10.553	100018.40	0.0057	P	1.3
3	☐	250.000	260.993	2416770.07	0.1394	A	1.5
4	☐	625.000	635.678	5890578.45	0.3393	A	1.4
5	☐	1250.000	1284.383	11744518.44	0.6855	A	0.7
6	☐	2500.000	2511.804	23078162.43	1.3405	A	2.1
7	☐	5000.000	4983.617	45183269.33	2.6595	A	1.4
8	☐			17302.27	0.0011	P	1.9

$$y = 5.3362E-004 * x + 1.0277E-004$$

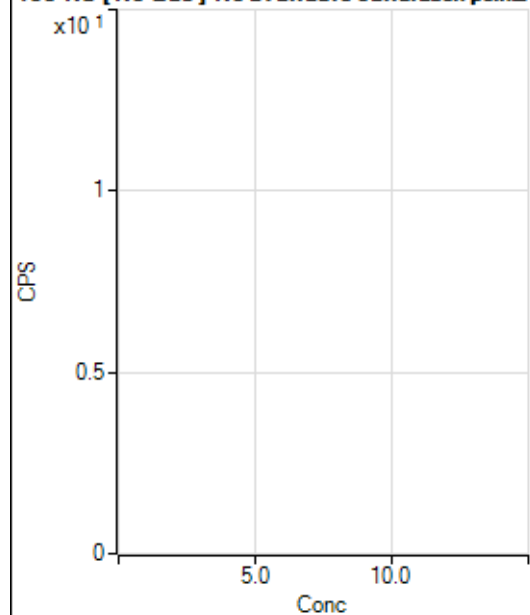
$$R = 1.0000$$

$$DL = 0.03951$$

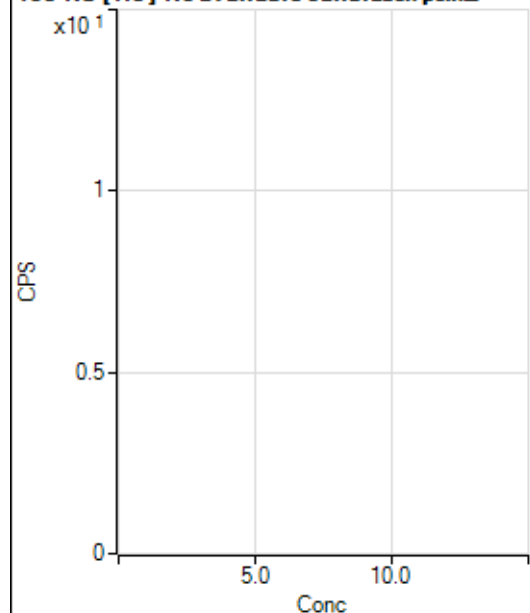
$$BEC = 0.1926$$

Weight: <None>

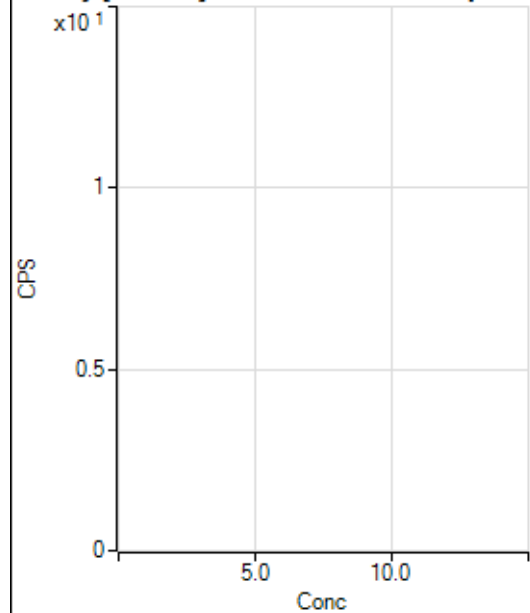
Min Conc: 0

150 Nd [No Gas] No available calibration points

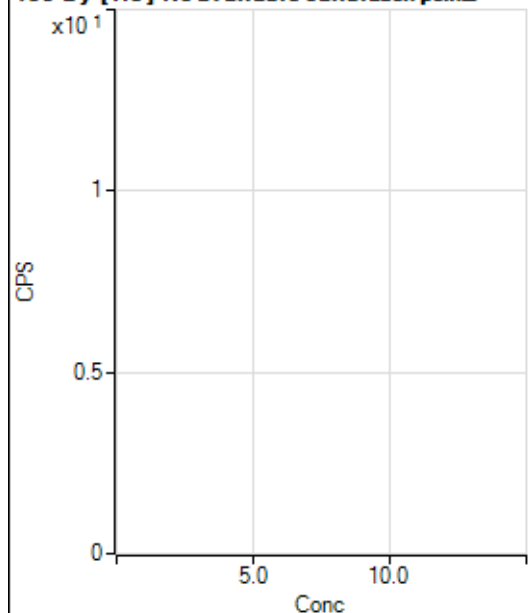
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐			12.22		P	87.7
3	☐			114.45		P	7.3
4	☐			298.90		P	17.5
5	☐			463.35		P	6.3
6	☐			923.38		P	8.7
7	☐			1826.81		P	4.8
8	☐			421.12		P	4.6

150 Nd [He] No available calibration points

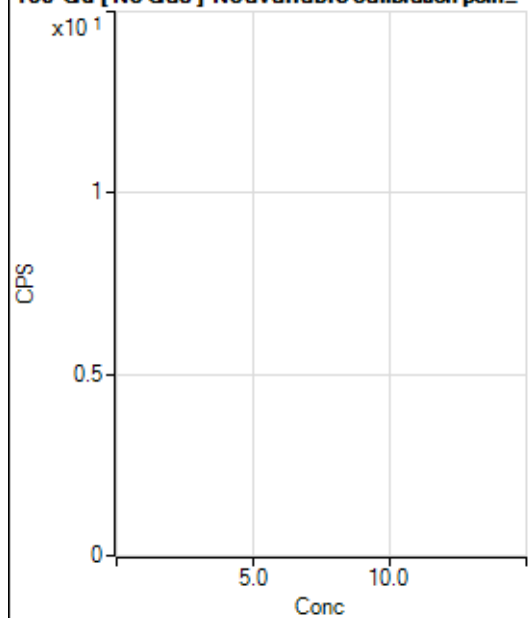
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	137.
2	☐			4.45		P	86.6
3	☐			7.78		P	49.5
4	☐			21.11		P	18.2
5	☐			27.78		P	42.1
6	☐			54.44		P	18.7
7	☐			97.78		P	18.8
8	☐			96.67		P	24.1

156 Dy [No Gas] No available calibration points

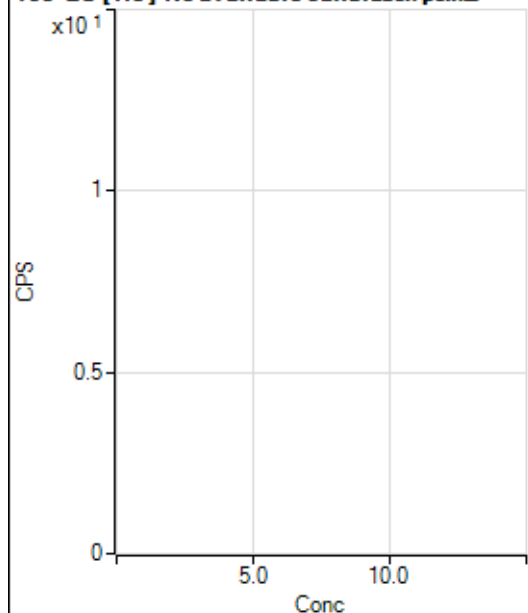
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			112.23		P	1.7
2	☐			31.11		P	22.3
3	☐			55.56		P	9.2
4	☐			135.56		P	28.0
5	☐			203.34		P	4.3
6	☐			298.90		P	2.8
7	☐			602.24		P	8.2
8	☐			835.59		P	4.4

156 Dy [He] No available calibration points

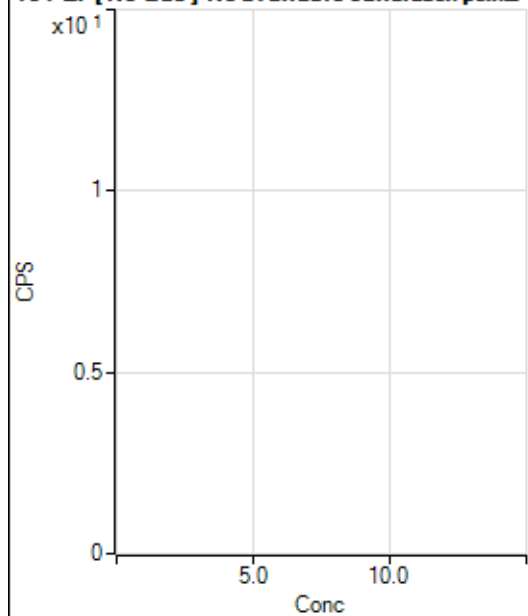
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			4.44		P	43.4
3	☐			8.89		P	78.1
4	☐			21.11		P	18.2
5	☐			32.22		P	26.0
6	☐			56.67		P	21.2
7	☐			108.89		P	9.4
8	☐			262.23		P	15.2

160 Gd [No Gas] Noavailable calibration poin_

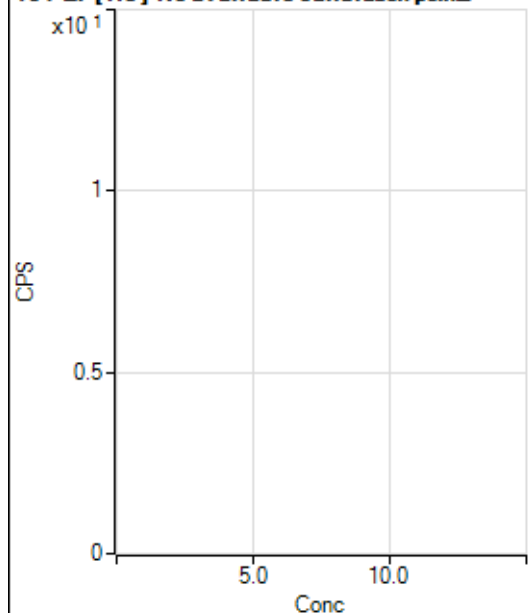
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			182.23		P	14.9
2	☐			182.22		P	30.5
3	☐			163.33		P	24.7
4	☐			193.34		P	16.4
5	☐			218.89		P	10.8
6	☐			234.45		P	14.0
7	☐			356.68		P	10.5
8	☐			697.80		P	6.0

160 Gd [He] No available calibration points

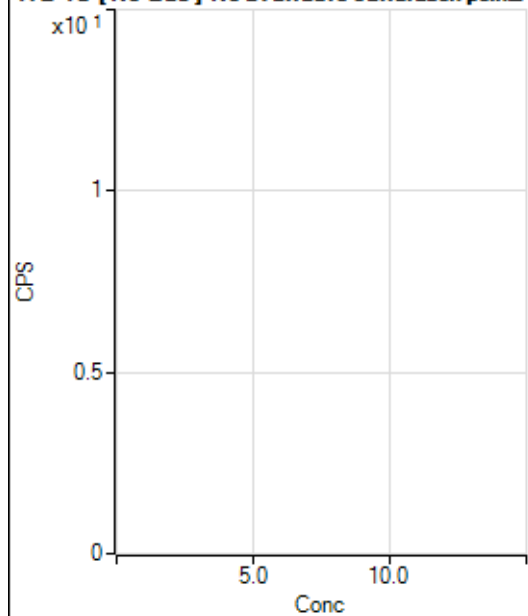
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.44		P	58.8
2	☐			46.67		P	32.7
3	☐			44.45		P	35.4
4	☐			55.55		P	28.4
5	☐			57.78		P	21.8
6	☐			93.33		P	9.5
7	☐			124.45		P	14.8
8	☐			308.89		P	1.2

164 Er [No Gas] No available calibration points

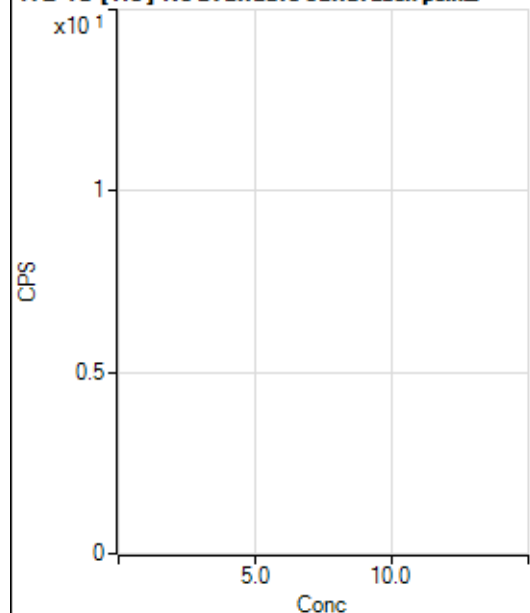
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.34		P	19.3
2	☐			135.56		P	10.2
3	☐			165.56		P	14.1
4	☐			147.78		P	13.6
5	☐			175.56		P	7.7
6	☐			238.89		P	8.4
7	☐			443.35		P	5.3
8	☐			897.82		P	2.5

164 Er [He] No available calibration points

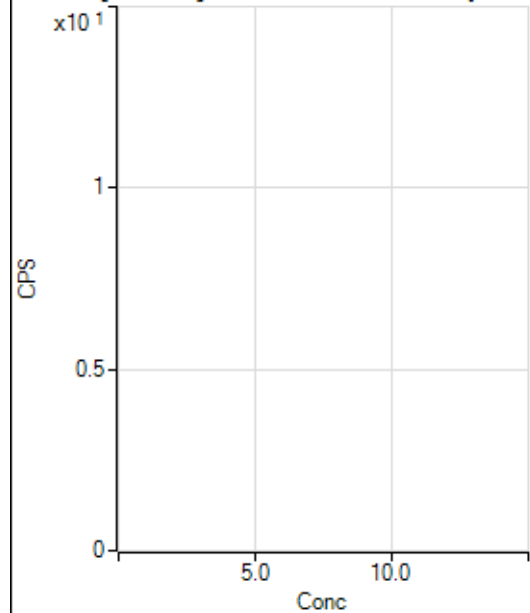
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	16.7
2	☐			51.11		P	3.8
3	☐			48.89		P	31.5
4	☐			71.11		P	18.9
5	☐			61.11		P	17.5
6	☐			105.56		P	9.6
7	☐			167.78		P	11.3
8	☐			323.34		P	8.8

172 Yb [No Gas] No available calibration points

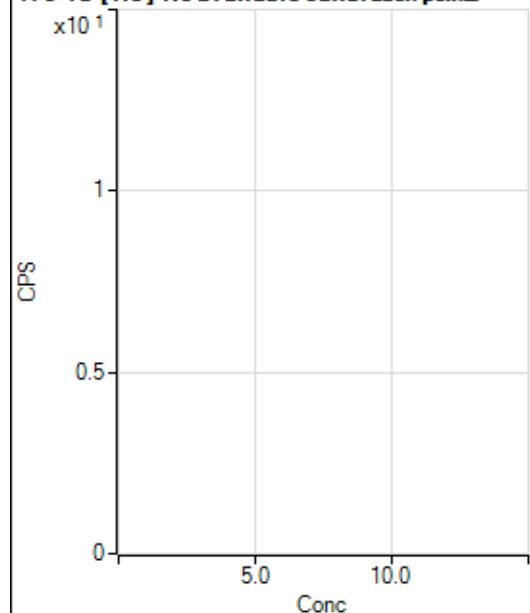
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.23		P	9.4
2	☐			113.33		P	16.4
3	☐			111.11		P	6.9
4	☐			173.34		P	8.4
5	☐			210.00		P	18.3
6	☐			301.12		P	16.9
7	☐			435.57		P	3.2
8	☐			1401.20		P	3.6

172 Yb [He] No available calibration points

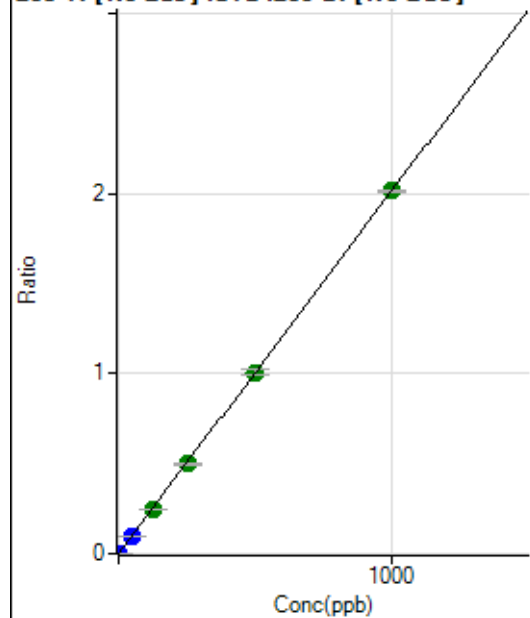
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	31.5
2	☐			46.67		P	28.6
3	☐			65.55		P	10.6
4	☐			82.22		P	16.9
5	☐			88.89		P	37.9
6	☐			146.67		P	6.8
7	☐			207.78		P	13.0
8	☐			556.68		P	9.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2978.14		P	3.8
2	☐			3028.16		P	0.3
3	☐			7203.14		P	1.9
4	☐			14143.21		P	2.6
5	☐			25347.74		P	1.2
6	☐			47914.44		P	2.6
7	☐			92607.32		P	1.6
8	☐			3195.98		P	3.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1118.95		P	9.5
2	☐			922.26		P	5.1
3	☐			2679.18		P	2.1
4	☐			5390.05		P	0.8
5	☐			9612.48		P	1.4
6	☐			18090.20		P	0.4
7	☐			34699.98		P	0.3
8	☐			1026.72		P	5.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1990.17	0.0002	P	10.5
2	☐	1.000	0.909	19439.07	0.0020	P	0.4
3	☐	50.000	47.307	911758.94	0.0955	P	2.7
4	☐	125.000	123.915	2424742.50	0.2498	A	0.3
5	☐	250.000	246.822	4807621.18	0.4973	A	2.3
6	☐	500.000	500.230	9519382.50	1.0077	A	3.1
7	☐	1000.000	1000.950	18671477.64	2.0161	A	0.9
8	☐			1684.57	0.0002	P	8.7

$$y = 0.0020 * x + 2.0455E-004$$

$$R = 1.0000$$

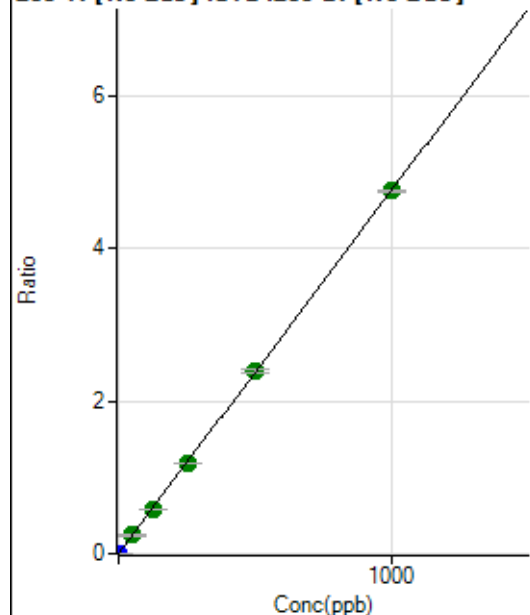
$$DL = 0.03209$$

$$BEC = 0.1016$$

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	4835.40	0.0005	P	8.0
2	☐	1.000	0.908	46074.82	0.0048	P	0.8
3	☐	50.000	50.258	2289716.16	0.2398	A	1.6
4	☐	125.000	122.830	5681642.35	0.5853	A	0.4
5	☐	250.000	248.722	11451741.36	1.1846	A	0.5
6	☐	500.000	503.366	22646976.61	2.3969	A	1.6
7	☐	1000.000	998.895	44044756.85	4.7560	A	0.4
8	☐			4134.05	0.0005	P	13.3

$$y = 0.0048 * x + 4.9699E-004$$

$$R = 1.0000$$

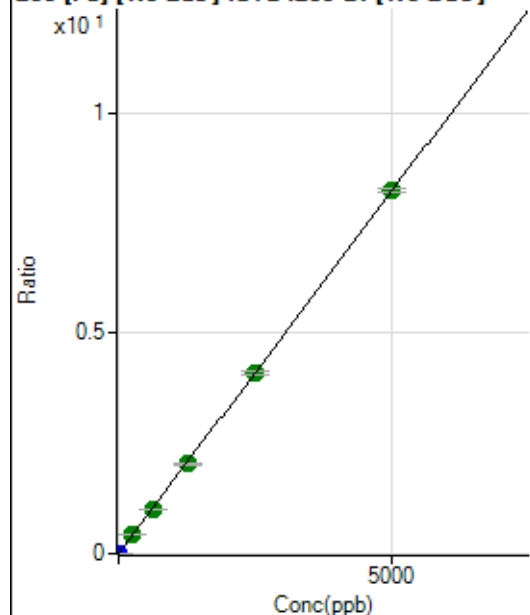
$$DL = 0.02491$$

$$BEC = 0.1044$$

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	4359.66	0.0004	P	6.2
2	☐	1.000	0.751	16083.44	0.0017	P	2.7
3	☐	250.000	254.204	3996256.61	0.4185	A	1.6
4	☐	625.000	610.867	9756030.76	1.0049	A	1.7
5	☐	1250.000	1235.656	19648852.90	2.0323	A	2.7
6	☐	2500.000	2494.484	38760219.98	4.1023	A	1.7
7	☐	5000.000	5007.901	76269227.20	8.2353	A	1.2
8	☐			76645.90	0.0094	P	2.3

$$y = 0.0016 * x + 4.4820E-004$$

$$R = 1.0000$$

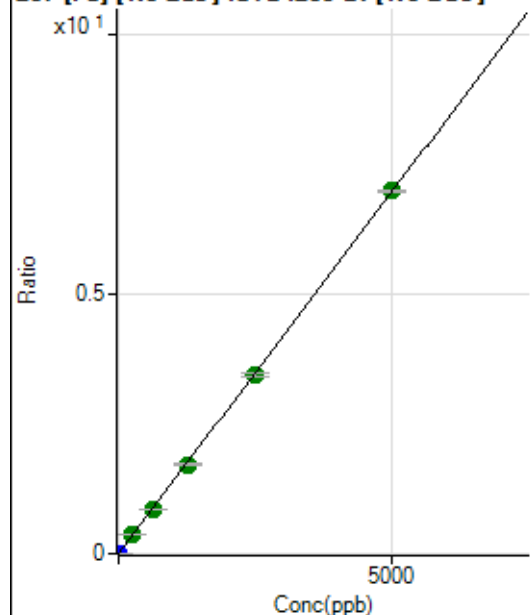
$$DL = 0.05098$$

$$BEC = 0.2726$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3588.31	0.0004	P	7.2
2	☐	1.000	0.793	14069.96	0.0015	P	3.1
3	☐	250.000	255.217	3393735.99	0.3554	A	1.3
4	☐	625.000	617.857	8346269.04	0.8598	A	0.7
5	☐	1250.000	1229.191	16533339.34	1.7102	A	1.6
6	☐	2500.000	2475.004	32533028.96	3.4432	A	2.1
7	☐	5000.000	5018.332	64647121.26	6.9810	A	0.8
8	☐			65870.72	0.0081	P	0.9

$$y = 0.0014 * x + 3.6880E-004$$

$$R = 1.0000$$

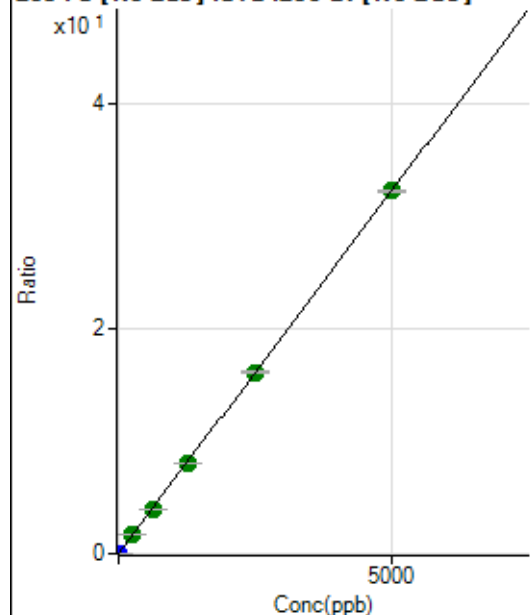
$$DL = 0.0571$$

$$BEC = 0.2651$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16991.20	0.0017	P	5.5
2	☐	1.000	0.775	64400.87	0.0067	P	1.4
3	☐	250.000	254.056	15646358.10	1.6384	A	1.3
4	☐	625.000	618.713	38709573.94	3.9876	A	0.1
5	☐	1250.000	1240.771	77290749.68	7.9950	A	0.9
6	☐	2500.000	2502.377	152343782.7	16.1225	A	1.5
7	☐	5000.000	5001.702	298404791.6	32.2236	A	0.8
8	☐			301934.26	0.0372	P	1.1

$$y = 0.0064 * x + 0.0017$$

$$R = 1.0000$$

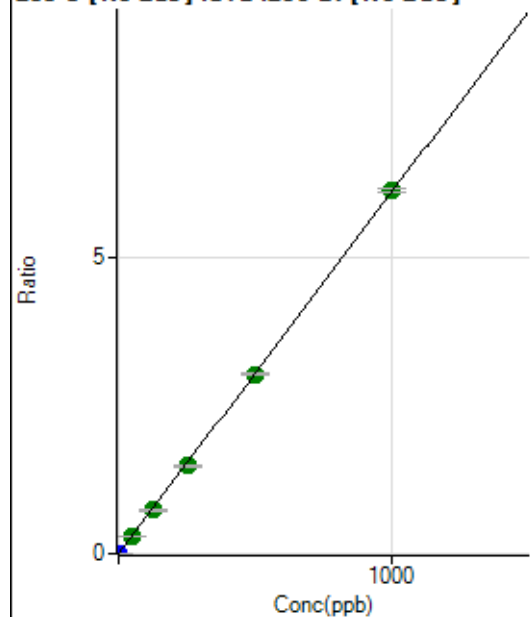
$$DL = 0.04493$$

$$BEC = 0.2711$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8681.94	0.0009	P	6.5
2	☐	1.000	0.829	56907.87	0.0060	P	0.1
3	☐	50.000	47.794	2796711.62	0.2929	A	1.5
4	☐	125.000	119.843	7115920.24	0.7330	A	1.1
5	☐	250.000	242.399	14324421.17	1.4817	A	1.3
6	☐	500.000	496.804	28689523.74	3.0359	A	0.8
7	☐	1000.000	1004.253	56823337.49	6.1358	A	1.0
8	☐			2661.43	0.0003	P	21.3

$$y = 0.0061 * x + 8.9249E-004$$

$$R = 1.0000$$

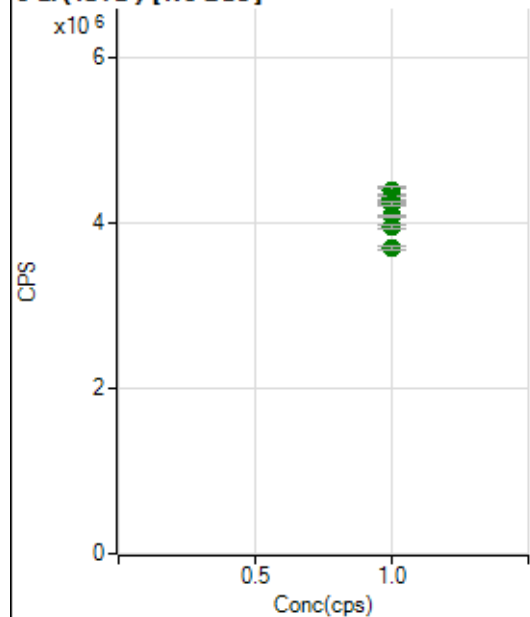
$$DL = 0.02859$$

$$BEC = 0.1461$$

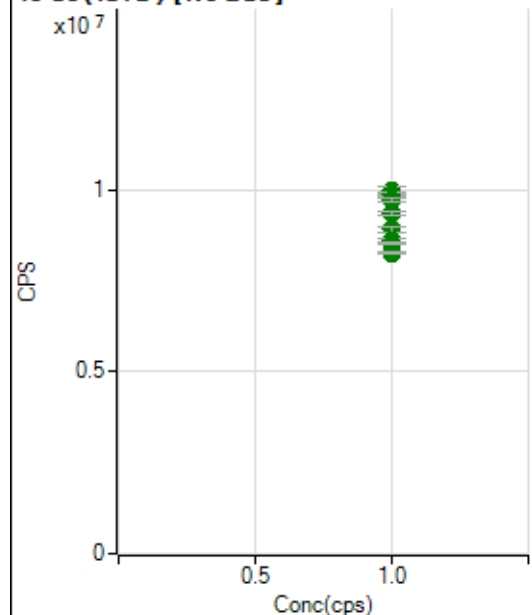
Weight: <None>

Min Conc: 0

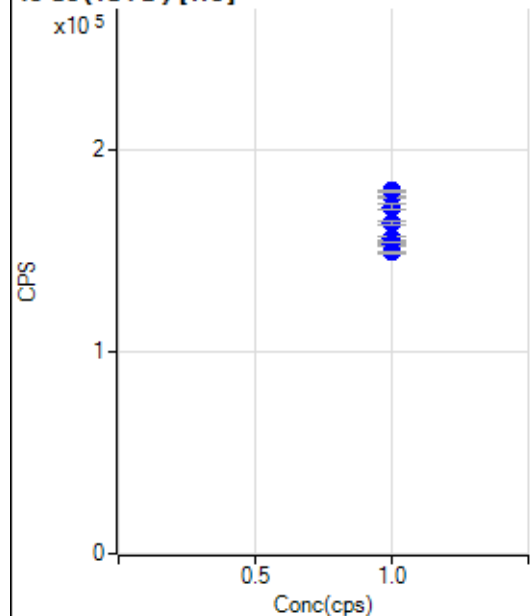
6 Li (ISTD) [No Gas]



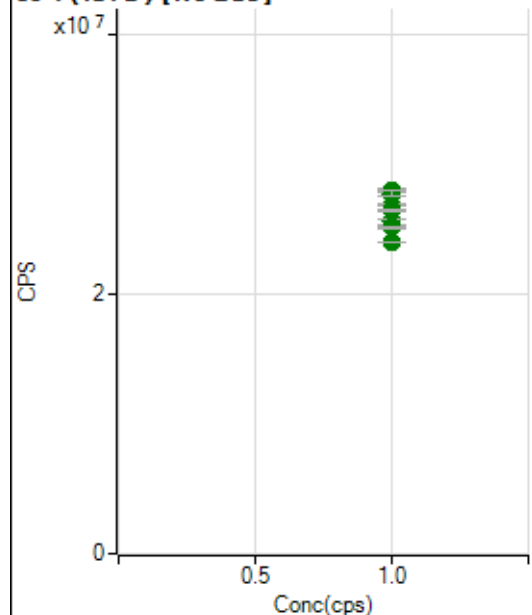
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4386993.04		A	1.8
2	☐	1.000		4386095.81		A	2.0
3	☐	1.000		4293752.61		A	1.1
4	☐	1.000		4268907.07		A	2.2
5	☐	1.000		4240562.91		A	1.0
6	☐	1.000		4089225.73		A	0.5
7	☐	1.000		3951806.60		A	1.3
8	☐	1.000		3696190.46		A	1.4

45 Sc (ISTD) [No Gas]

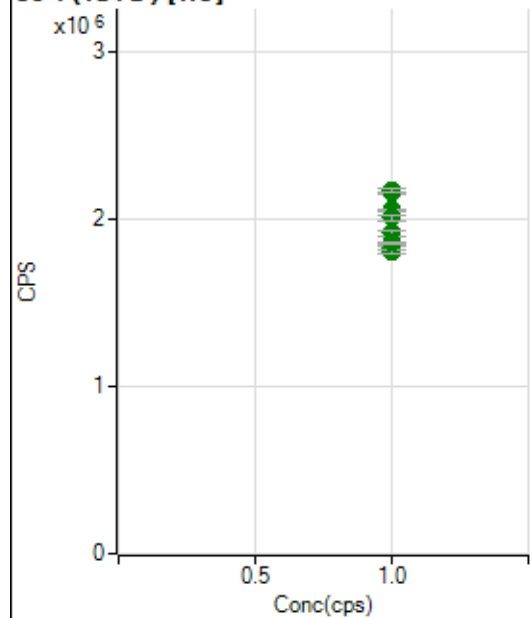
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9975456.10		A	2.0
2	☐	1.000		9896272.35		A	0.9
3	☐	1.000		9733263.81		A	1.4
4	☐	1.000		9357704.24		A	0.8
5	☐	1.000		8911255.42		A	1.6
6	☐	1.000		8612877.58		A	0.9
7	☐	1.000		8526727.72		A	0.8
8	☐	1.000		8257911.61		A	0.7

45 Sc (ISTD) [He]

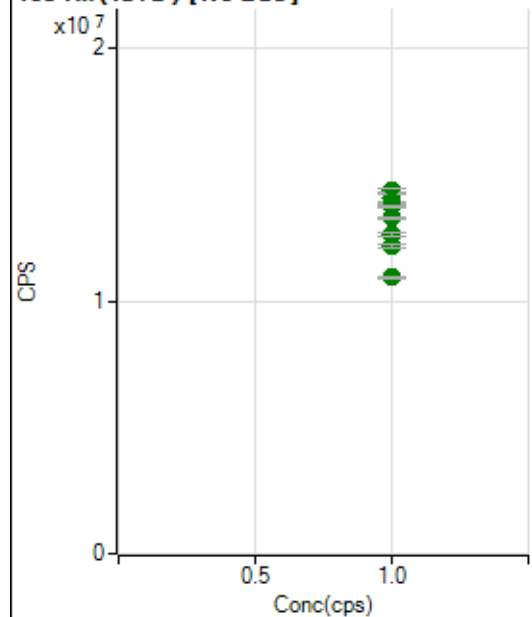
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		176564.81		P	0.8
2	☐	1.000		179566.63		P	0.5
3	☐	1.000		171612.19		P	1.4
4	☐	1.000		163493.25		P	1.0
5	☐	1.000		156089.34		P	0.7
6	☐	1.000		153068.03		P	0.4
7	☐	1.000		152841.89		P	1.2
8	☐	1.000		149097.54		P	0.7

89 Y (ISTD) [No Gas]

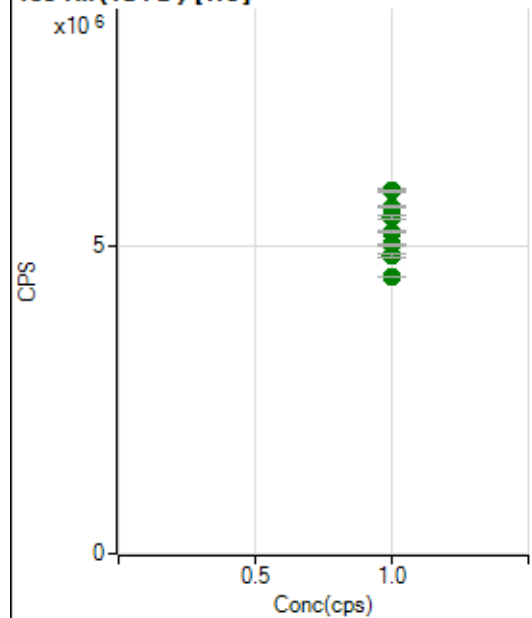
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28001702.08		A	1.0
2	☐	1.000		27946884.86		A	0.3
3	☐	1.000		27805309.03		A	1.7
4	☐	1.000		26927577.10		A	0.8
5	☐	1.000		26555286.27		A	0.5
6	☐	1.000		25614381.01		A	1.3
7	☐	1.000		25161177.12		A	0.5
8	☐	1.000		24040181.03		A	0.3

89 Y (ISTD) [He]

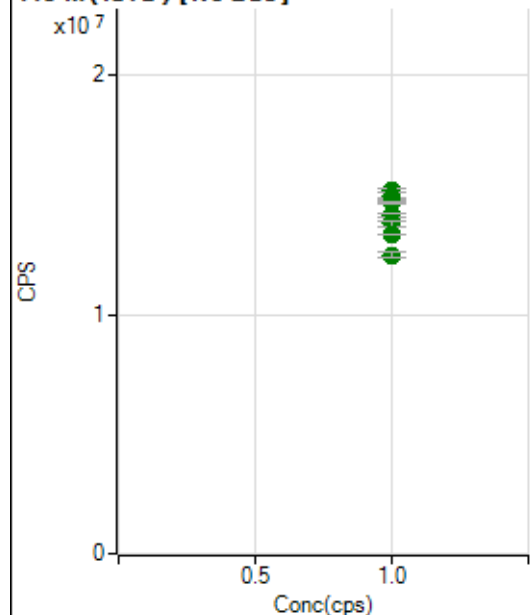
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2153556.76		A	0.7
2	☐	1.000		2166135.83		A	1.0
3	☐	1.000		2051085.59		A	0.4
4	☐	1.000		2006064.24		A	1.4
5	☐	1.000		1912094.52		A	1.7
6	☐	1.000		1829927.38		A	1.3
7	☐	1.000		1801215.77		A	1.4
8	☐	1.000		1855724.90		A	0.9

103 Rh (ISTD) [No Gas]

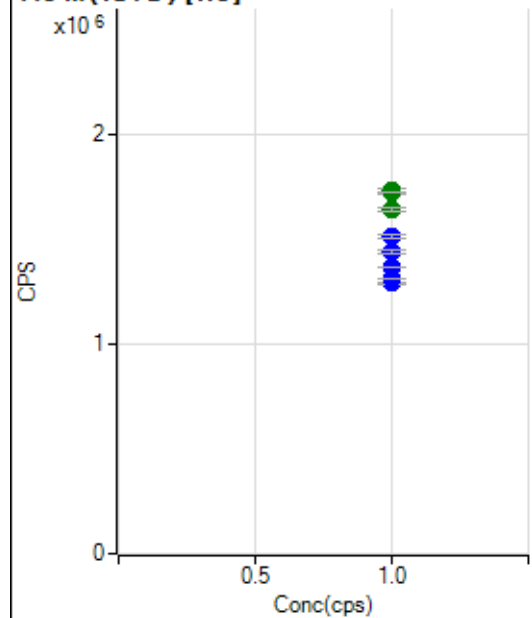
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14367197.29		A	0.9
2	☐	1.000		14081410.35		A	1.8
3	☐	1.000		13921030.76		A	0.7
4	☐	1.000		13751891.60		A	0.5
5	☐	1.000		13294133.27		A	0.5
6	☐	1.000		12652631.76		A	1.2
7	☐	1.000		12204680.65		A	1.4
8	☐	1.000		10939763.59		A	0.5

103 Rh (ISTD) [He]

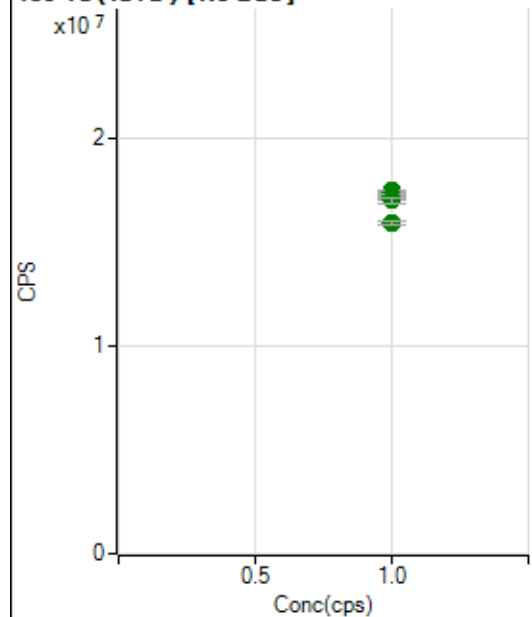
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5896298.31		A	0.9
2	☐	1.000		5895994.84		A	0.5
3	☐	1.000		5636900.75		A	0.5
4	☐	1.000		5462677.83		A	1.0
5	☐	1.000		5229050.48		A	1.0
6	☐	1.000		5020131.18		A	0.5
7	☐	1.000		4857308.40		A	1.3
8	☐	1.000		4496569.83		A	0.2

115 In (ISTD) [No Gas]

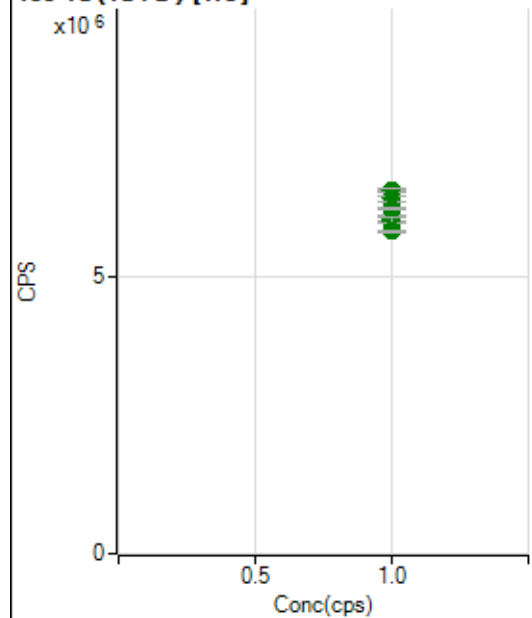
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15165074.14		A	1.2
2	☐	1.000		14960517.28		A	1.7
3	☐	1.000		14843286.69		A	0.5
4	☐	1.000		14689933.79		A	0.7
5	☐	1.000		14170344.40		A	0.9
6	☐	1.000		13800214.42		A	1.5
7	☐	1.000		13343533.71		A	0.5
8	☐	1.000		12478090.75		A	1.8

115 In (ISTD) [He]

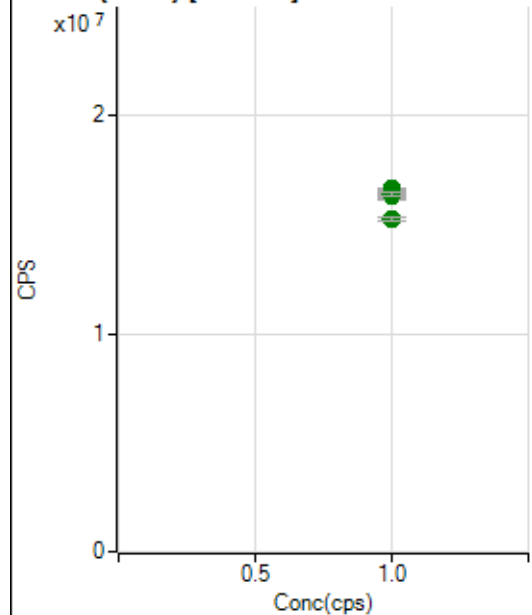
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1732216.22		A	1.3
2	☐	1.000		1727113.58		A	0.2
3	☐	1.000		1640971.06		A	0.9
4	☐	1.000		1515469.55		P	0.7
5	☐	1.000		1441764.97		P	0.9
6	☐	1.000		1367640.06		P	0.3
7	☐	1.000		1292525.59		P	0.9
8	☐	1.000		1313231.32		P	0.2

159 Tb (ISTD) [No Gas]

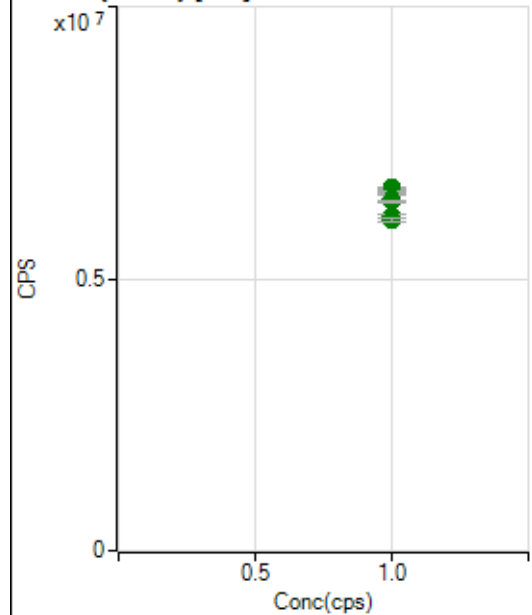
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17063430.85		A	1.0
2	☐	1.000		17443293.91		A	0.4
3	☐	1.000		17340265.30		A	0.6
4	☐	1.000		17362302.52		A	1.4
5	☐	1.000		17134195.85		A	1.2
6	☐	1.000		17218668.91		A	1.0
7	☐	1.000		16990635.02		A	1.6
8	☐	1.000		15940330.04		A	1.1

159 Tb (ISTD) [He]

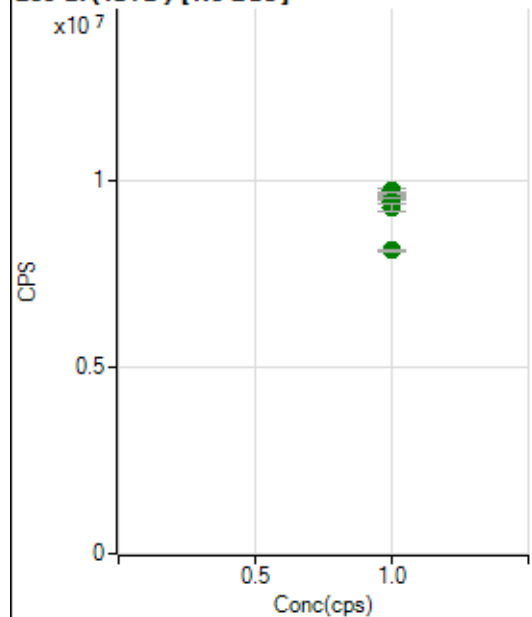
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6499256.09		A	1.5
2	☐	1.000		6538958.79		A	1.2
3	☐	1.000		6396559.28		A	1.3
4	☐	1.000		6334635.81		A	0.2
5	☐	1.000		6205715.74		A	0.6
6	☐	1.000		6042555.47		A	1.5
7	☐	1.000		6006830.81		A	1.4
8	☐	1.000		5810190.26		A	0.5

165 Ho (ISTD) [No Gas]

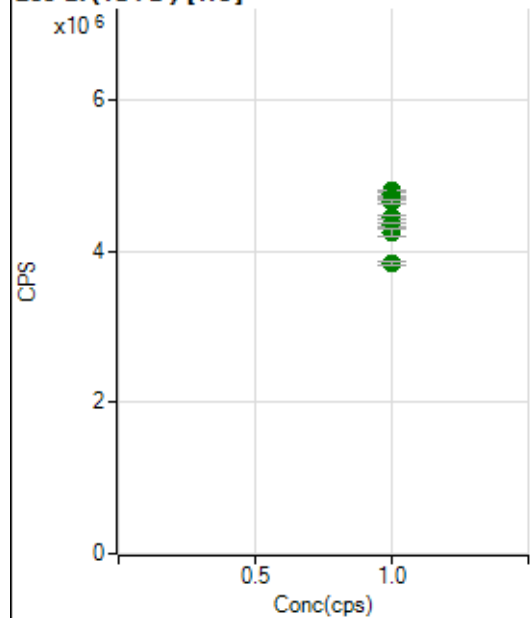
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16653509.06		A	0.5
2	☐	1.000		16352360.17		A	1.2
3	☐	1.000		16343746.70		A	1.9
4	☐	1.000		16578128.51		A	1.5
5	☐	1.000		16558299.06		A	2.0
6	☐	1.000		16485202.12		A	1.7
7	☐	1.000		16408468.50		A	1.3
8	☐	1.000		15301483.38		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6673564.41		A	0.8
2	☐	1.000		6647673.23		A	0.4
3	☐	1.000		6601149.55		A	0.6
4	☐	1.000		6482377.13		A	1.6
5	☐	1.000		6427577.89		A	0.5
6	☐	1.000		6153526.92		A	0.9
7	☐	1.000		6127297.41		A	2.2
8	☐	1.000		6080447.20		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9725274.37		A	1.1
2	☐	1.000		9555490.34		A	1.2
3	☐	1.000		9550382.63		A	1.0
4	☐	1.000		9707541.03		A	1.5
5	☐	1.000		9666979.37		A	0.8
6	☐	1.000		9450086.32		A	1.7
7	☐	1.000		9261493.82		A	2.4
8	☐	1.000		8126414.53		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4806661.25		A	0.5
2	☐	1.000		4773855.00		A	1.6
3	☐	1.000		4701448.44		A	0.2
4	☐	1.000		4664798.37		A	1.3
5	☐	1.000		4464754.10		A	1.2
6	☐	1.000		4348555.42		A	1.2
7	☐	1.000		4251187.82		A	2.3
8	☐	1.000		3849798.28		A	1.1