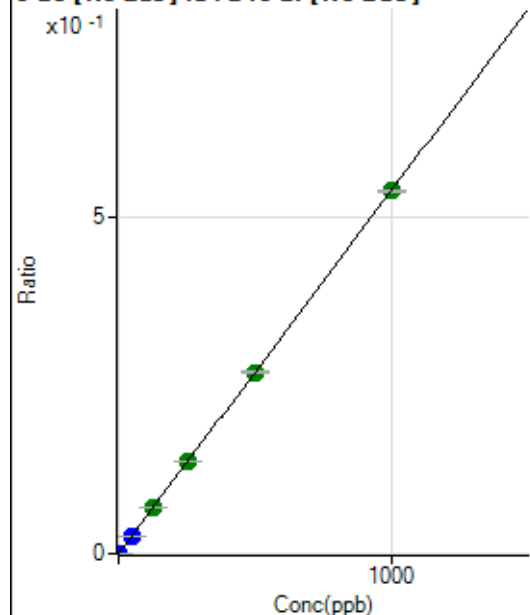


Batch Folder: D:\Agilent\ICPMH\1\DATA\P1004424-MS.b\
Analysis File: P1004424-MS.batch.bin
DA Date-Time: 2024-10-06 23:35:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-04 14:01:24
2	005CALS.d	S02	2024-10-04 14:04:42
3	006CALS.d	S03	2024-10-04 14:08:03
4	007CALS.d	S04	2024-10-04 14:11:04
5	008CALS.d	S05	2024-10-04 14:14:09
6	009CALS.d	S06	2024-10-04 14:17:10
7	010CALS.d	S07	2024-10-04 14:20:14
8	011CALS.d	S08	2024-10-04 14:23:16

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	211.71	0.0000	P	7.8
2	☐	1.000	0.909	9779.67	0.0005	P	2.7
3	☐	50.000	49.795	528088.70	0.0270	P	1.7
4	☐	125.000	127.551	1321546.95	0.0690	A	2.3
5	☐	250.000	254.205	2603212.80	0.1375	A	1.9
6	☐	500.000	500.058	5091722.73	0.2706	A	0.8
7	☐	1000.000	998.612	10116750.91	0.5403	A	0.8
8	☐			1628.44	0.0001	P	10.6

$$y = 5.4104\text{E-}004 * x + 1.0939\text{E-}005$$

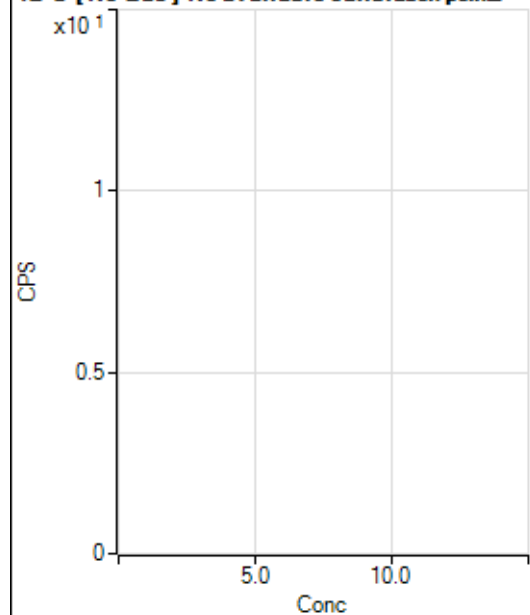
$$R = 1.0000$$

$$DL = 0.004715$$

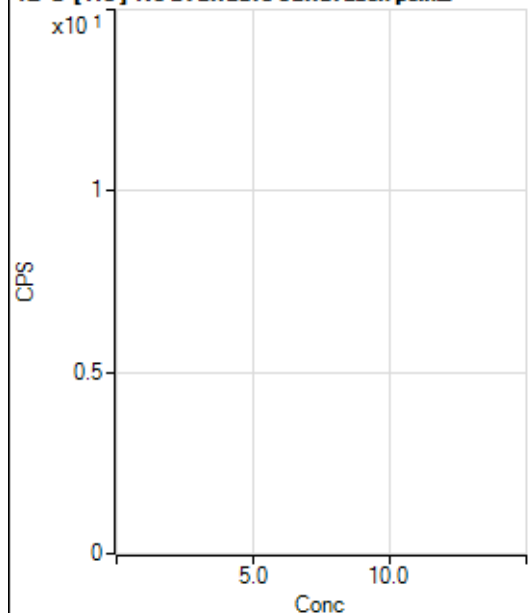
$$BEC = 0.02022$$

Weight: <None>

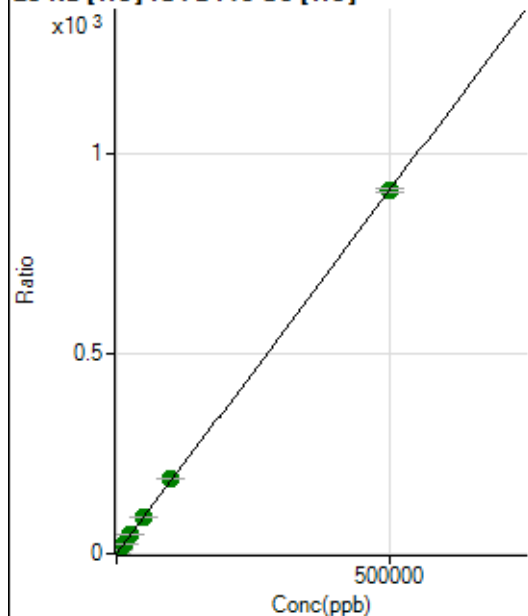
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4376463.55		A	1.2
2	☐			4407042.64		A	1.6
3	☐			4740051.42		A	0.8
4	☐			4758871.87		A	1.1
5	☐			4981292.63		A	1.1
6	☐			5615841.86		A	1.6
7	☐			6997918.37		A	4.2
8	☐			5569492.90		A	0.8

12 C [He] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			42337.43		P	1.0
2	☐			43242.29		P	0.3
3	☐			47001.52		P	1.3
4	☐			47637.94		P	0.6
5	☐			51029.28		P	1.4
6	☐			58800.32		P	0.4
7	☐			74248.38		P	0.4
8	☐			74567.78		P	0.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25789.49	0.0364	P	0.9
2	☐	500.000	494.233	660341.06	0.9362	P	0.5
3	☐	5000.000	5136.936	6618939.07	9.3890	A	1.3
4	☐	12500.000	12818.790	16557460.73	23.3751	A	0.3
5	☐	25000.000	26075.807	33294588.12	47.5117	A	0.2
6	☐	50000.000	51216.287	64917965.70	93.2842	A	0.5
7	☐	100000.00	103180.69	131054315.82	187.8941	A	1.9
8	☐	500000.00	499179.10	593712844.48	908.8752	A	0.9

$$y = 0.0018 * x + 0.0364$$

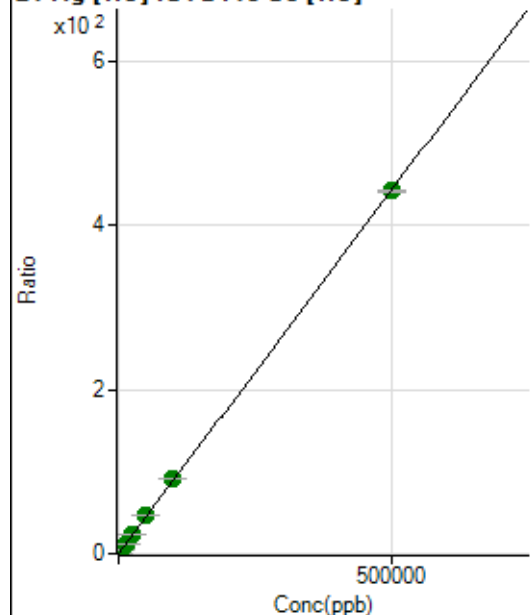
$$R = 1.0000$$

$$DL = 0.5476$$

$$BEC = 19.98$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	751.14	0.0011	P	10.4
2	☐	500.000	546.502	342338.35	0.4854	P	0.3
3	☐	5000.000	5277.570	3297781.34	4.6779	A	1.2
4	☐	12500.000	12894.612	8094923.00	11.4279	A	1.0
5	☐	25000.000	26342.258	16359049.62	23.3448	A	1.2
6	☐	50000.000	51839.149	31970045.08	45.9394	A	0.8
7	☐	100000.00	102982.97	63653390.16	91.2616	A	1.4
8	☐	500000.00	499139.68	288939517.92	442.3241	A	0.4

$$y = 8.8617\text{E-}004 * x + 0.0011$$

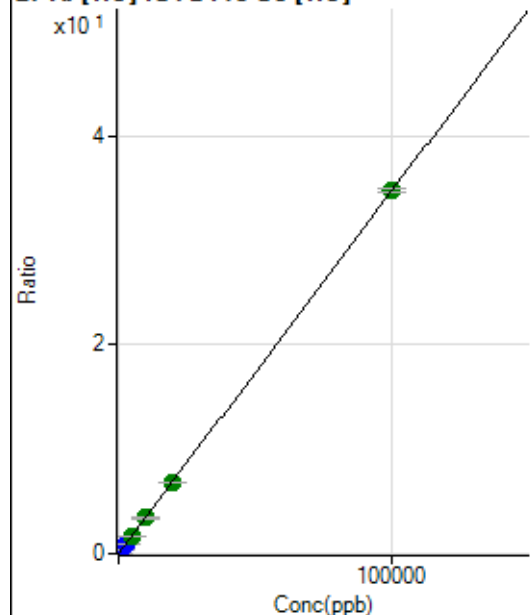
$$R = 1.0000$$

$$DL = 0.3733$$

$$BEC = 1.196$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	301.12	0.0004	P	8.6
2	☐	20.000	18.332	4789.74	0.0068	P	1.9
3	☐	1000.000	980.829	240390.85	0.3410	P	0.5
4	☐	2500.000	2415.295	594385.15	0.8391	P	0.4
5	☐	5000.000	4913.481	1195944.88	1.7066	A	0.9
6	☐	10000.000	9831.260	2376022.27	3.4143	A	1.1
7	☐	20000.000	19509.142	4725390.03	6.7748	A	0.8
8	☐	100000.00	100121.68	22710579.66	34.7670	A	0.9

$$y = 3.4724\text{E-}004 * x + 4.2479\text{E-}004$$

$$R = 1.0000$$

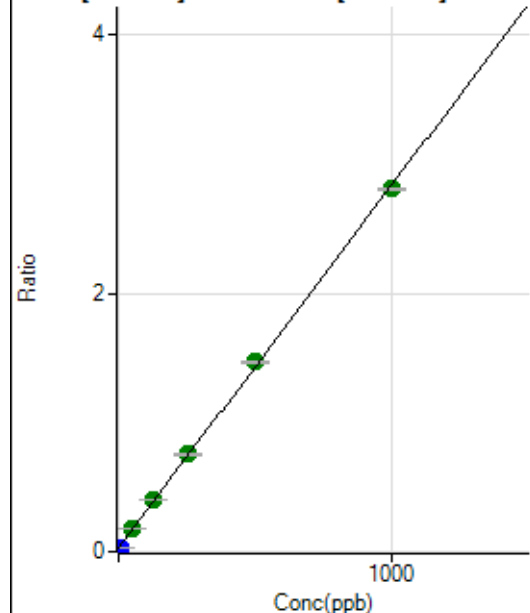
$$DL = 0.3149$$

$$BEC = 1.223$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	750333.20	0.0297	P	0.7
2	☐	10.000	1.836	904737.70	0.0349	P	0.9
3	☐	50.000	52.868	4566061.22	0.1779	A	0.7
4	☐	125.000	131.736	10209658.25	0.3990	A	2.1
5	☐	250.000	259.371	19328027.91	0.7568	A	2.2
6	☐	500.000	512.775	37157292.50	1.4671	A	1.2
7	☐	1000.000	990.366	71530685.60	2.8058	A	0.6
8	☐			1135348.60	0.0541	A	3.6

$$y = 0.0028 * x + 0.0297$$

$$R = 0.9997$$

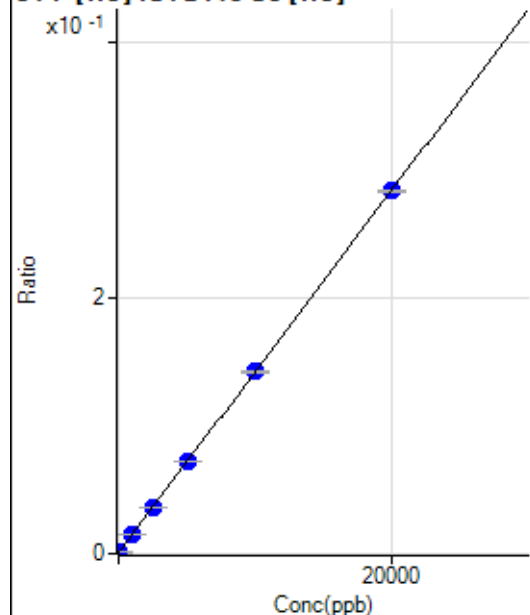
$$DL = 0.2236$$

$$BEC = 10.61$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-15.776	331.12	0.0005	P	5.2
2	☐	0.000	15.776	644.46	0.0009	P	6.6
3	☐	1000.000	1023.792	10704.02	0.0152	P	1.5
4	☐	2500.000	2515.926	25719.50	0.0363	P	1.1
5	☐	5000.000	5086.695	50948.07	0.0727	P	0.4
6	☐	10000.000	9989.369	98898.37	0.1421	P	0.6
7	☐	20000.000	19980.461	197779.07	0.2836	P	0.6
8	☐			398.90	0.0006	P	5.0

$$y = 1.4157E-005 * x + 6.9048E-004$$

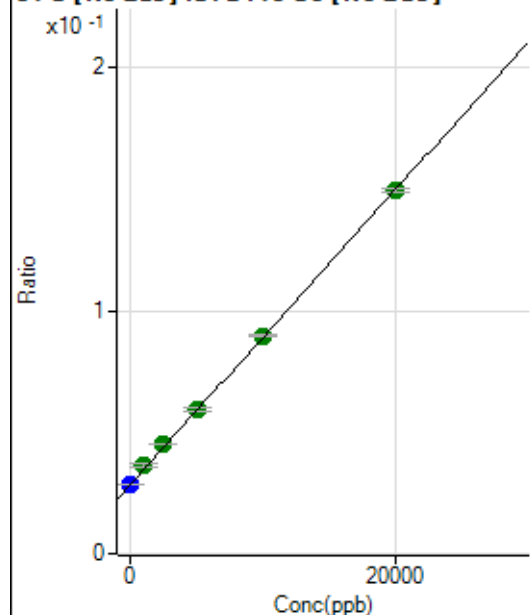
$$R = 1.0000$$

$$DL = 8.97$$

$$BEC = 48.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	34.480	725596.82	0.0288	P	0.7
2	☐	0.000	-34.480	735021.67	0.0283	P	0.7
3	☐	1000.000	1276.222	931511.70	0.0363	A	2.9
4	☐	2500.000	2747.666	1157558.96	0.0452	A	0.9
5	☐	5000.000	5083.140	1517411.85	0.0594	A	2.3
6	☐	10000.000	10071.849	2271710.09	0.0897	A	0.9
7	☐	20000.000	19898.521	3807300.78	0.1493	A	1.1
8	☐			592628.18	0.0283	P	1.2

$$y = 6.0700\text{E-}006 * x + 0.0286$$

R = 0.9999

DL = 101.1

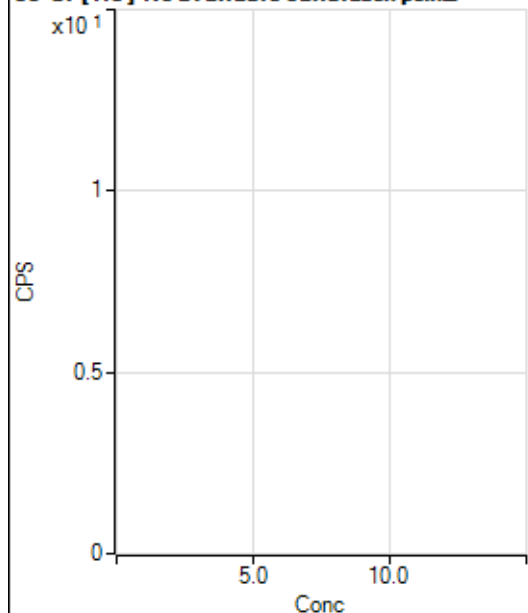
BEC = 4705

Weight: <None>

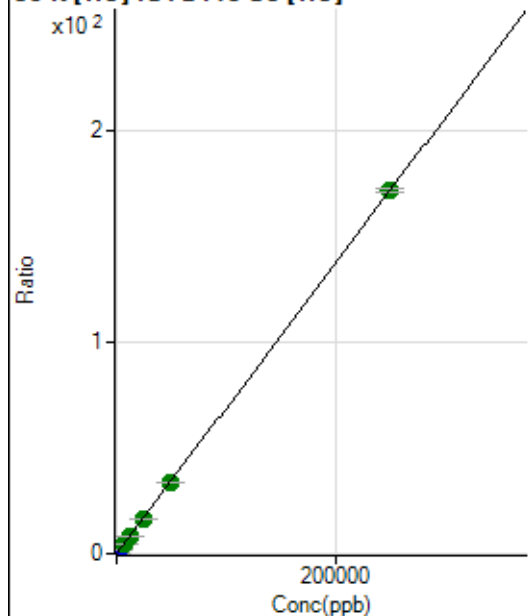
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			183983.91		P	0.6
2	☐			186379.60		P	0.4
3	☐			196654.43		P	0.2
4	☐			202687.45		P	0.4
5	☐			206990.18		P	0.5
6	☐			233752.74		P	1.0
7	☐			285386.05		P	2.0
8	☐			206342.02		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			843.37		P	6.7
2	☐			930.04		P	7.5
3	☐			942.26		P	7.0
4	☐			974.48		P	2.8
5	☐			1058.94		P	3.4
6	☐			1140.06		P	9.1
7	☐			1617.88		P	4.3
8	☐			1283.41		P	3.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17845.62	0.0252	P	1.7
2	☐	500.000	459.782	239516.47	0.3396	P	0.1
3	☐	2500.000	2364.755	1157669.60	1.6422	P	0.3
4	☐	6250.000	6033.704	2940353.98	4.1511	A	0.8
5	☐	12500.000	12185.454	5856702.83	8.3577	A	0.9
6	☐	25000.000	24243.331	11554456.63	16.6030	A	0.7
7	☐	50000.000	49161.420	23465206.60	33.6423	A	0.2
8	☐	250000.00	250265.95	111803642.78	171.1597	A	1.1

$$y = 6.8381\text{E-}004 * x + 0.0252$$

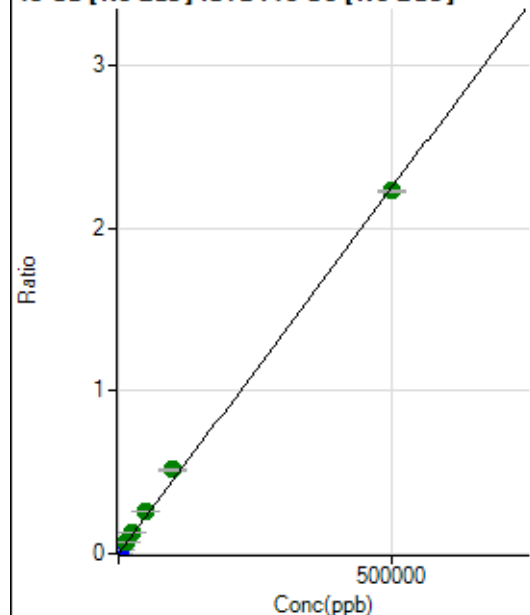
$$R = 1.0000$$

$$DL = 1.872$$

$$BEC = 36.82$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	757.81	0.0000	P	10.8
2	☐	500.000	466.687	55140.85	0.0021	P	2.7
3	☐	5000.000	5555.465	641268.92	0.0250	P	0.3
4	☐	12500.000	14627.758	1682479.80	0.0657	A	1.3
5	☐	25000.000	28838.269	3310143.32	0.1296	A	1.0
6	☐	50000.000	56984.479	6485319.83	0.2560	A	0.6
7	☐	100000.00	114460.42	13112036.61	0.5143	A	0.3
8	☐	500000.00	496158.83	46743208.75	2.2291	A	0.4

$$y = 4.4927\text{E-}006 * x + 3.0049\text{E-}005$$

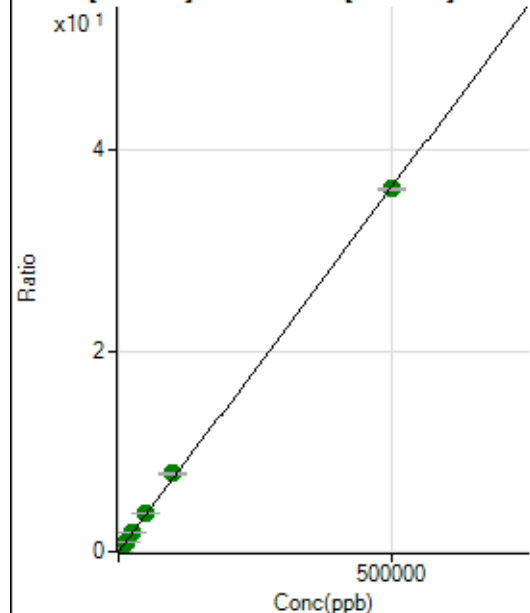
$$R = 0.9995$$

$$DL = 2.161$$

$$BEC = 6.688$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17646.48	0.0007	P	2.3
2	☐	500.000	466.863	897447.08	0.0346	P	1.6
3	☐	5000.000	5449.987	10177778.04	0.3966	A	0.1
4	☐	12500.000	13711.364	25506686.84	0.9967	A	0.9
5	☐	25000.000	27017.947	50148568.14	1.9634	A	1.3
6	☐	50000.000	53760.067	98936181.86	3.9060	A	1.1
7	☐	100000.00	107103.65	198370728.16	7.7811	A	1.1
8	☐	500000.00	498067.61	758694548.70	36.1822	A	0.3

$$y = 7.2644\text{E-}005 * x + 6.9952\text{E-}004$$

$$R = 0.9999$$

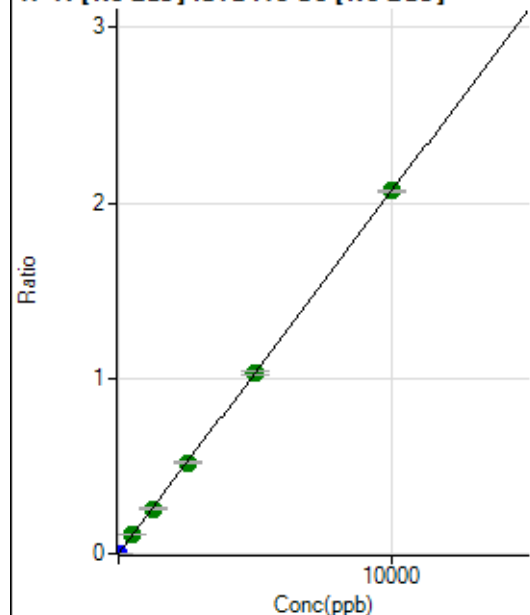
$$DL = 0.6673$$

$$BEC = 9.629$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	583.36	0.0000	P	4.2
2	☐	5.000	4.464	24523.24	0.0009	P	0.9
3	☐	500.000	507.775	2693870.22	0.1050	A	0.9
4	☐	1250.000	1237.218	6543975.32	0.2557	A	1.7
5	☐	2500.000	2504.711	13223771.75	0.5177	A	1.5
6	☐	5000.000	4988.196	26115472.67	1.0310	A	1.3
7	☐	10000.000	10005.934	52730209.21	2.0682	A	0.5
8	☐			14140.43	0.0007	P	2.9

$$y = 2.0669\text{E-}004 * x + 2.3123\text{E-}005$$

$$R = 1.0000$$

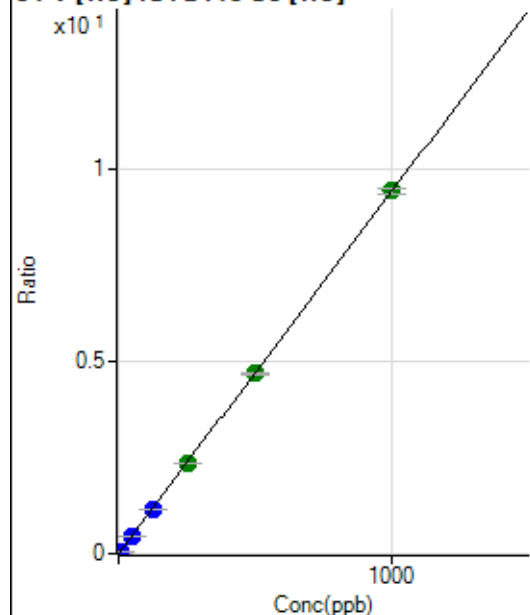
$$DL = 0.01413$$

$$BEC = 0.1119$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.33	0.0000	P	25.3
2	☐	5.000	4.822	31986.83	0.0454	P	1.3
3	☐	50.000	48.347	320386.85	0.4545	P	0.7
4	☐	125.000	121.005	805718.41	1.1375	P	0.4
5	☐	250.000	249.118	1641005.45	2.3418	A	0.3
6	☐	500.000	497.132	3252133.98	4.6731	A	1.0
7	☐	1000.000	1002.237	6571111.85	9.4211	A	1.5
8	☐			1198.95	0.0018	P	8.5

$$y = 0.0094 * x + 1.8818\text{E-}005$$

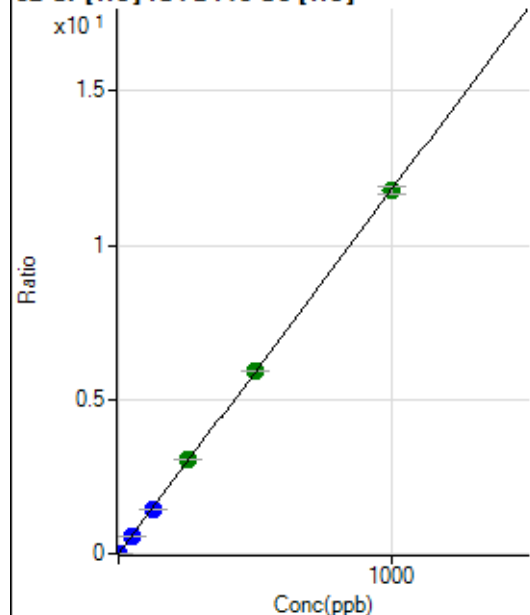
$$R = 1.0000$$

$$DL = 0.001517$$

$$BEC = 0.002002$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1296.74	0.0018	P	4.6
2	☐	2.000	1.973	17695.47	0.0251	P	0.4
3	☐	50.000	49.633	413789.13	0.5870	P	1.2
4	☐	125.000	122.108	1021018.82	1.4414	P	0.5
5	☐	250.000	257.759	2130785.64	3.0407	A	0.8
6	☐	500.000	501.944	4119538.72	5.9196	A	0.5
7	☐	1000.000	997.468	8203510.16	11.7616	A	2.0
8	☐			27381.79	0.0419	P	5.1

$$y = 0.0118 * x + 0.0018$$

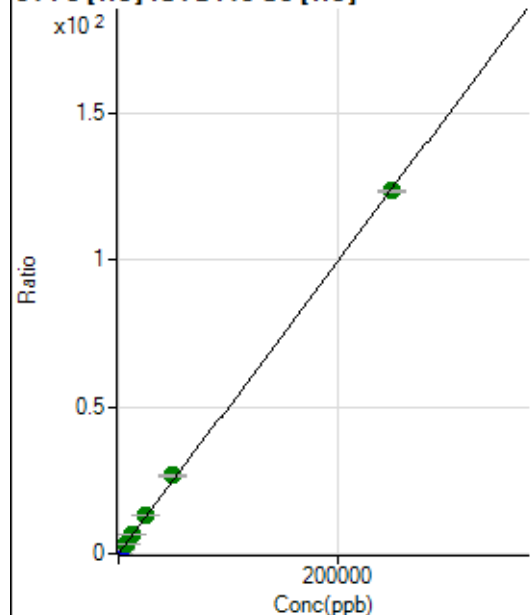
$$R = 1.0000$$

$$DL = 0.02143$$

$$BEC = 0.1552$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1134.50	0.0016	P	4.6
2	☐	50.000	54.741	20292.30	0.0288	P	3.5
3	☐	2500.000	2716.866	951785.64	1.3501	P	1.1
4	☐	6250.000	6889.477	2423353.14	3.4212	A	1.0
5	☐	12500.000	13785.912	4796163.12	6.8443	A	0.9
6	☐	25000.000	26872.911	9283473.61	13.3400	A	1.4
7	☐	50000.000	53479.904	18515880.97	26.5465	A	1.0
8	☐	250000.00	249034.27	80745271.02	123.6104	A	0.6

$$y = 4.9635E-004 * x + 0.0016$$

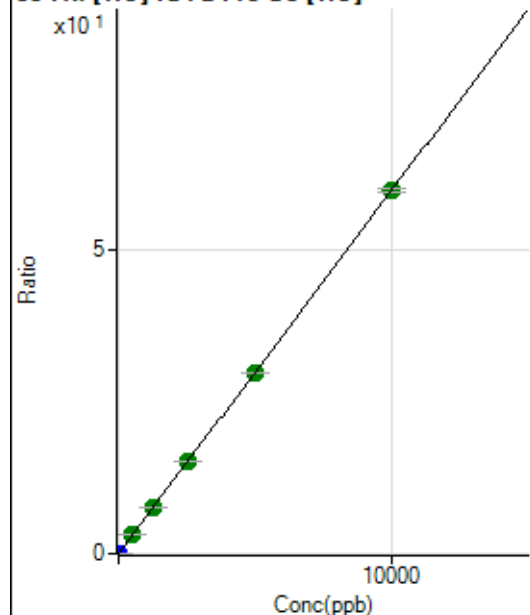
$$R = 0.9999$$

$$DL = 0.4481$$

$$BEC = 3.225$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1132.28	0.0016	P	4.5
2	☐	1.000	0.798	4481.86	0.0064	P	1.7
3	☐	500.000	517.208	2175814.97	3.0865	A	1.6
4	☐	1250.000	1278.455	5402322.28	7.6269	A	1.3
5	☐	2500.000	2529.309	10572813.94	15.0875	A	0.6
6	☐	5000.000	4990.695	20716254.55	29.7683	A	0.5
7	☐	10000.000	9992.908	41572797.71	59.6037	A	1.1
8	☐			17269.54	0.0264	P	0.7

$$y = 0.0060 * x + 0.0016$$

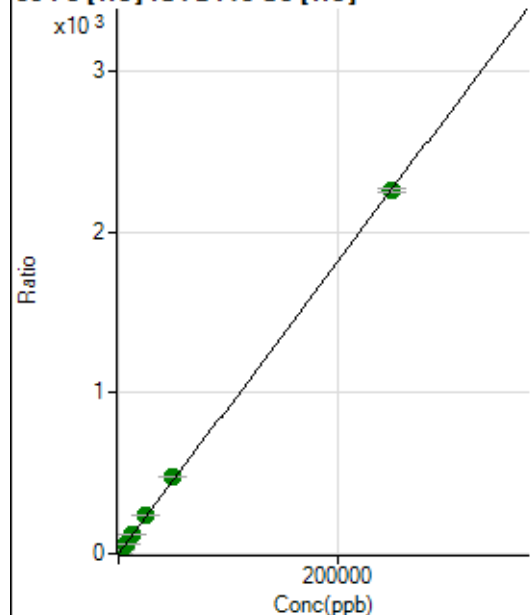
$$R = 1.0000$$

$$DL = 0.03591$$

$$BEC = 0.2678$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11021.02	0.0155	P	2.4
2	☐	50.000	53.672	353590.37	0.5013	P	0.3
3	☐	2500.000	2753.275	17577336.26	24.9345	A	1.0
4	☐	6250.000	6764.565	43378470.74	61.2393	A	0.3
5	☐	12500.000	13481.236	85513588.73	122.0297	A	1.8
6	☐	25000.000	26539.872	167173026.40	240.2190	A	0.5
7	☐	50000.000	52789.875	333260899.48	477.7989	A	0.7
8	☐	250000.00	249223.57	1473447053.6	2.255654	A	0.9

$$y = 0.0091 * x + 0.0155$$

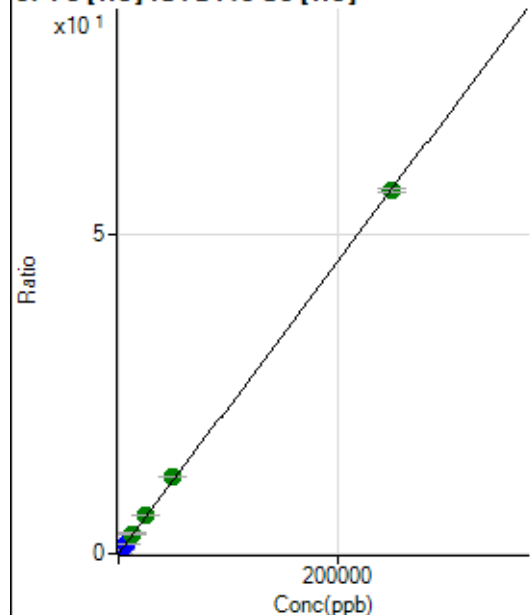
$$R = 0.9999$$

$$DL = 0.126$$

$$BEC = 1.718$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	362.23	0.0005	P	6.3
2	☐	50.000	53.897	9055.17	0.0128	P	1.9
3	☐	2500.000	2712.862	437769.78	0.6210	P	0.4
4	☐	6250.000	6589.256	1067899.70	1.5076	P	0.8
5	☐	12500.000	13854.309	2220839.07	3.1692	A	1.3
6	☐	25000.000	26826.063	4270239.38	6.1361	A	0.5
7	☐	50000.000	53022.391	8459045.36	12.1277	A	1.1
8	☐	250000.00	249134.58	37223066.67	56.9819	A	1.0

$$y = 2.2872\text{E-}004 * x + 5.1107\text{E-}004$$

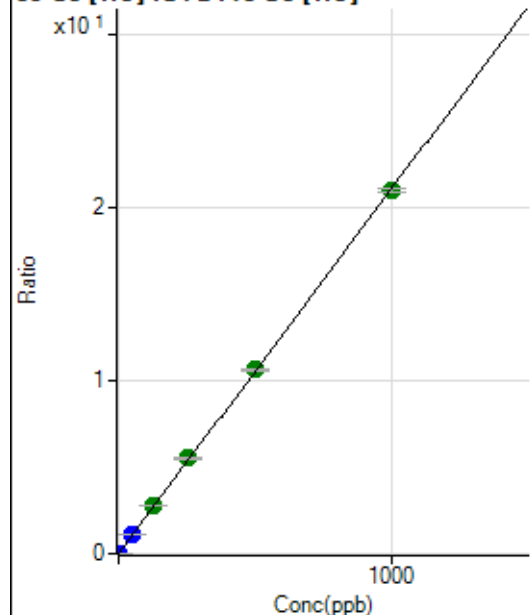
$$R = 0.9999$$

$$DL = 0.4194$$

$$BEC = 2.234$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	204.45	0.0003	P	11.5
2	☐	1.000	1.056	15893.45	0.0225	P	0.8
3	☐	50.000	51.271	761463.47	1.0802	P	0.6
4	☐	125.000	131.839	1967247.35	2.7772	A	1.9
5	☐	250.000	261.121	3854295.81	5.5002	A	1.6
6	☐	500.000	503.882	7386032.11	10.6134	A	1.5
7	☐	1000.000	994.360	14608537.98	20.9441	A	1.1
8	☐			29507.27	0.0452	P	0.9

$$y = 0.0211 * x + 2.8844\text{E-}004$$

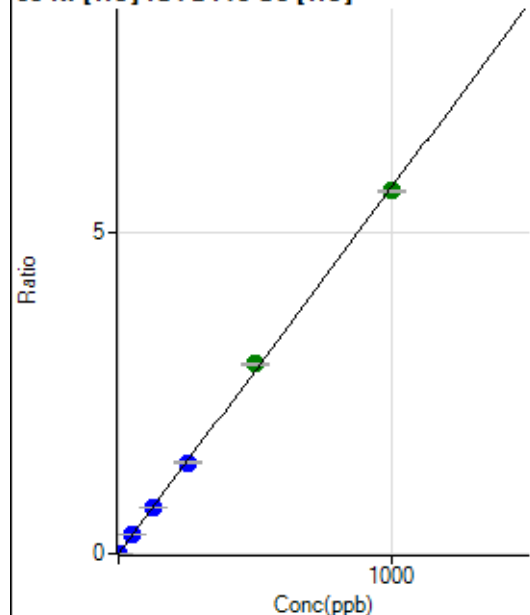
$$R = 0.9999$$

$$DL = 0.004745$$

$$BEC = 0.01369$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	438.90	0.0006	P	3.1
2	☐	1.000	1.061	4693.04	0.0067	P	1.3
3	☐	50.000	51.598	207236.12	0.2940	P	0.8
4	☐	125.000	126.166	508542.05	0.7179	P	0.1
5	☐	250.000	249.284	993627.71	1.4179	P	0.4
6	☐	500.000	518.492	2051913.20	2.9485	A	0.6
7	☐	1000.000	990.708	3929183.94	5.6333	A	0.4
8	☐			15936.80	0.0244	P	1.8

$$y = 0.0057 * x + 6.1920E-004$$

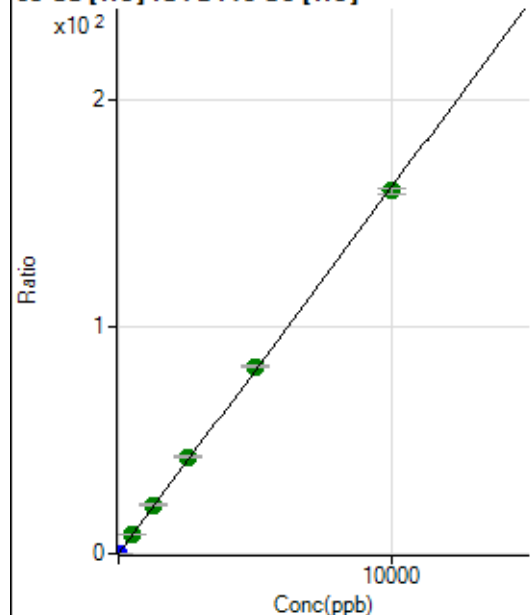
$$R = 0.9997$$

$$DL = 0.01005$$

$$BEC = 0.1089$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7978.99	0.0113	P	2.7
2	☐	2.000	2.003	30745.53	0.0436	P	0.4
3	☐	500.000	540.905	6162287.06	8.7416	A	0.5
4	☐	1250.000	1336.469	15287740.05	21.5822	A	0.8
5	☐	2500.000	2631.167	29767893.44	42.4790	A	1.5
6	☐	5000.000	5109.725	57401724.70	82.4836	A	0.5
7	☐	10000.000	9899.492	111455071.67	159.7918	A	1.3
8	☐			30726.67	0.0470	P	3.0

$$y = 0.0161 * x + 0.0113$$

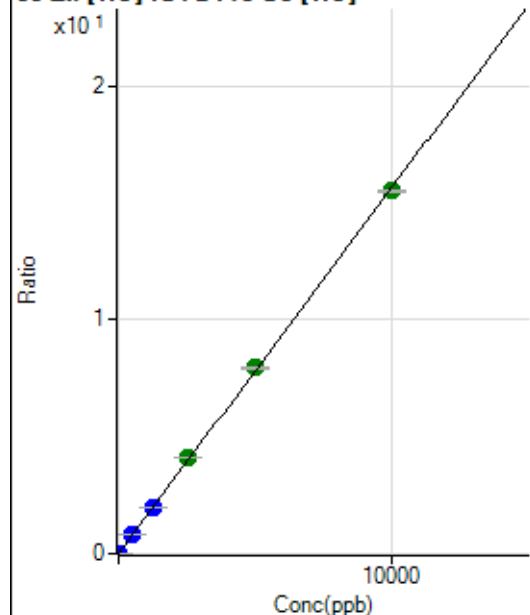
$$R = 0.9998$$

$$DL = 0.05732$$

$$BEC = 0.6974$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2418.01	0.0034	P	4.3
2	☐	2.000	5.074	7994.55	0.0113	P	2.1
3	☐	500.000	523.148	578214.90	0.8202	P	0.9
4	☐	1250.000	1283.248	1421659.79	2.0070	P	0.2
5	☐	2500.000	2620.645	2869776.76	4.0952	A	0.6
6	☐	5000.000	5083.123	5525607.07	7.9400	A	0.8
7	☐	10000.000	9922.963	10808974.28	15.4968	A	0.7
8	☐			6609.38	0.0101	P	0.9

$$y = 0.0016 * x + 0.0034$$

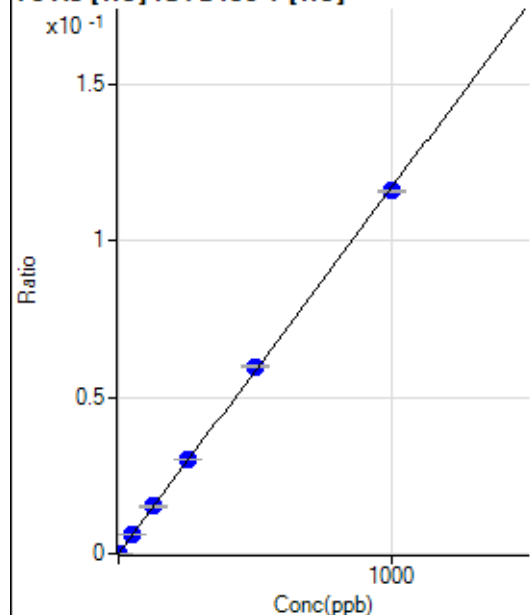
$$R = 0.9999$$

$$DL = 0.2814$$

$$BEC = 2.185$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	1.064	635.58	0.0001	P	8.8
3	☐	50.000	51.895	31435.12	0.0061	P	1.5
4	☐	125.000	128.993	77869.27	0.0151	P	1.5
5	☐	250.000	258.282	154541.98	0.0302	P	1.2
6	☐	500.000	511.681	304233.91	0.0599	P	1.0
7	☐	1000.000	991.495	596116.71	0.1160	P	0.7
8	☐			301.12	0.0001	P	0.4

$$y = 1.1701E-004 * x + 4.3074E-007$$

$$R = 0.9999$$

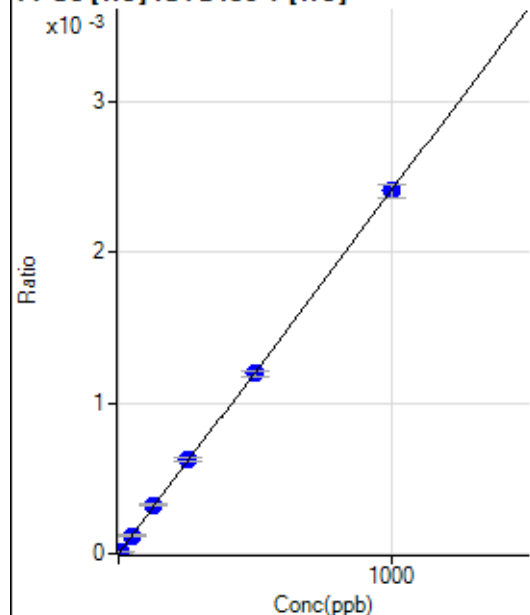
$$DL = 0.009566$$

$$BEC = 0.003681$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.074	63.33	0.0000	P	28.7
3	☐	50.000	49.226	614.46	0.0001	P	6.5
4	☐	125.000	133.095	1654.56	0.0003	P	3.2
5	☐	250.000	258.784	3187.06	0.0006	P	3.3
6	☐	500.000	495.997	6069.13	0.0012	P	2.8
7	☐	1000.000	998.832	12356.61	0.0024	P	3.6
8	☐			5.55	0.0000	P	69.4

$$y = 2.4077\text{E-}006 * x + 2.1774\text{E-}007$$

$$R = 0.9999$$

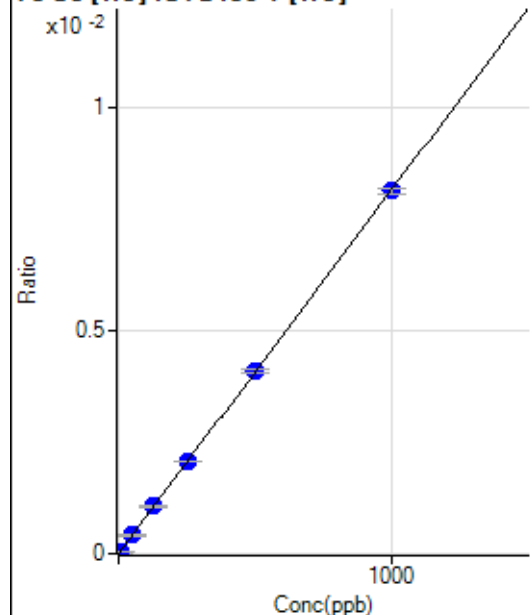
$$DL = 0.4699$$

$$BEC = 0.09044$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20.00	0.0000	P	29.0
2	☐	5.000	5.185	234.45	0.0000	P	17.1
3	☐	50.000	50.342	2142.41	0.0004	P	3.4
4	☐	125.000	130.020	5481.12	0.0011	P	3.5
5	☐	250.000	253.073	10558.49	0.0021	P	1.6
6	☐	500.000	502.010	20792.14	0.0041	P	1.3
7	☐	1000.000	997.581	41756.25	0.0081	P	1.5
8	☐			33.33	0.0000	P	9.6

$$y = 8.1426\text{E-}006 * x + 3.8856\text{E-}006$$

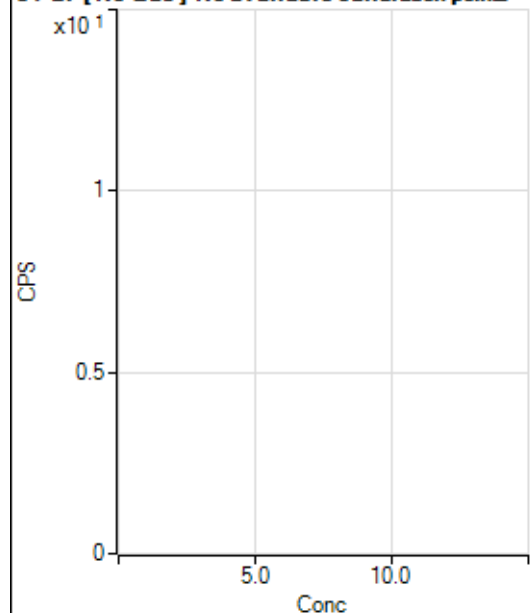
$$R = 1.0000$$

$$DL = 0.4157$$

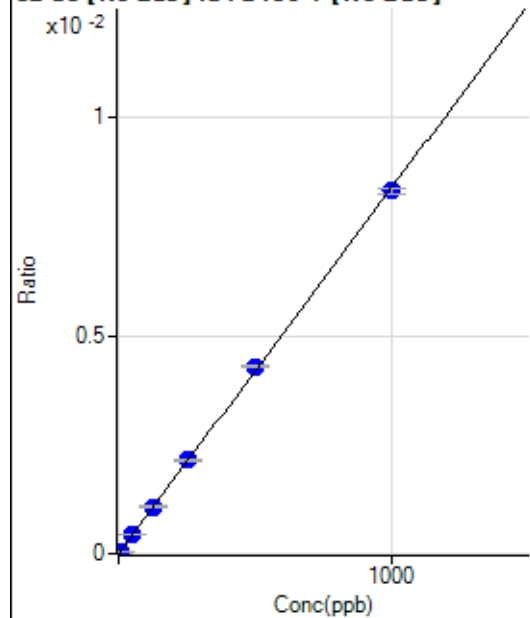
$$BEC = 0.4772$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19376.86		P	1.1
2	☐			19564.96		P	3.9
3	☐			19412.46		P	0.3
4	☐			19926.51		P	1.5
5	☐			19628.26		P	1.1
6	☐			19527.07		P	1.3
7	☐			19485.94		P	3.1
8	☐			17566.64		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-21.11	0.0000	P	-169.
2	☐	5.000	5.193	2432.50	0.0000	P	7.9
3	☐	50.000	52.431	24822.47	0.0004	P	0.8
4	☐	125.000	128.562	60519.95	0.0011	P	1.4
5	☐	250.000	255.239	120199.00	0.0021	P	0.4
6	☐	500.000	512.059	237451.37	0.0043	P	0.4
7	☐	1000.000	992.093	462579.76	0.0083	P	1.4
8	☐			-51.11	0.0000	P	-58.5

$$y = 8.3929\text{E-}006 * x - 3.8378\text{E-}007$$

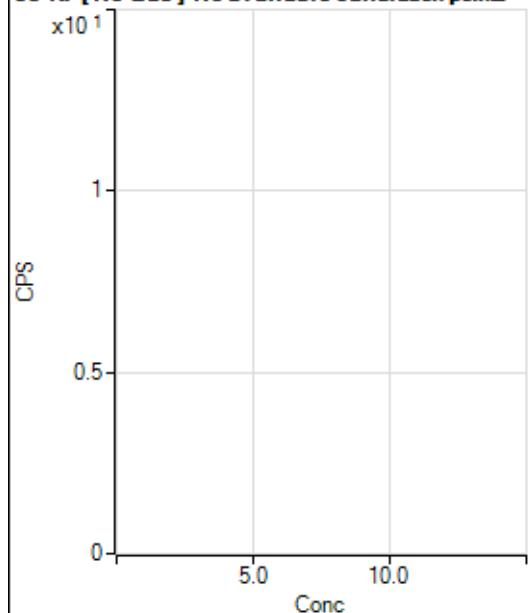
$$R = 0.9999$$

$$DL = 0.2324$$

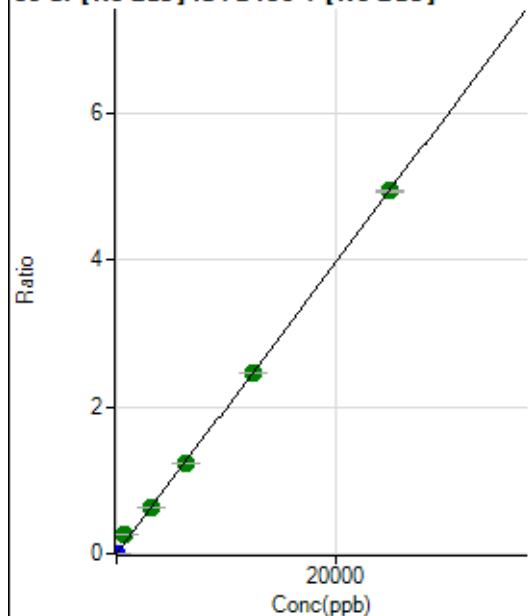
$$BEC = -0.04573$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			236.67		P	11.5
2	☐			243.34		P	7.6
3	☐			253.34		P	8.0
4	☐			280.00		P	10.3
5	☐			305.56		P	6.9
6	☐			335.56		P	16.5
7	☐			364.45		P	13.5
8	☐			548.90		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	506.68	0.0000	P	24.9
2	☐	1.000	0.959	11207.92	0.0002	P	2.3
3	☐	625.000	1260.283	14084936.46	0.2495	A	0.1
4	☐	3125.000	3144.746	34929696.70	0.6225	A	0.9
5	☐	6250.000	6240.970	69332625.08	1.2354	A	0.5
6	☐	12500.000	12492.736	136645607.96	2.4729	A	0.1
7	☐	25000.000	24987.539	274814035.91	4.9463	A	0.8
8	☐			32753.10	0.0007	P	5.4

$$y = 1.9795E-004 * x + 9.1081E-006$$

$$R = 0.9997$$

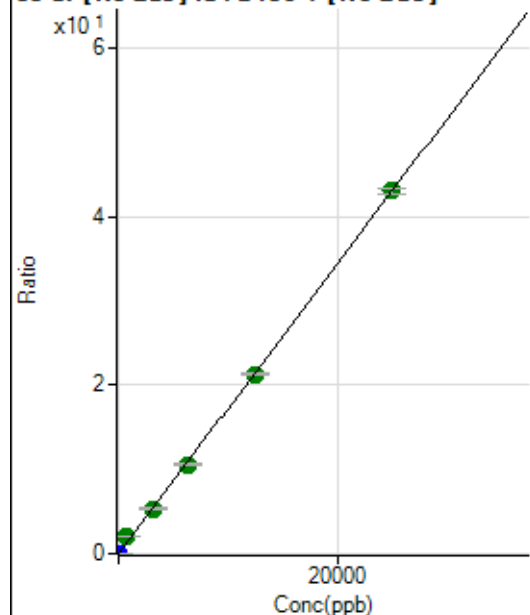
$$DL = 0.03432$$

$$BEC = 0.04601$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1202.29	0.0000	P	30.8
2	☐	1.000	0.951	93105.34	0.0017	P	2.5
3	☐	625.000	1242.229	120330958.20	2.1314	A	0.3
4	☐	3125.000	3106.276	299035033.32	5.3296	A	1.5
5	☐	6250.000	6145.863	591748671.18	10.5447	A	1.2
6	☐	12500.000	12377.111	1173402071.4	21.2359	A	1.0
7	☐	25000.000	25074.389	2390194631.0	43.0212	A	1.4
8	☐			273442.88	0.0059	P	2.0

$$y = 0.0017 * x + 2.1637E-005$$

$$R = 0.9996$$

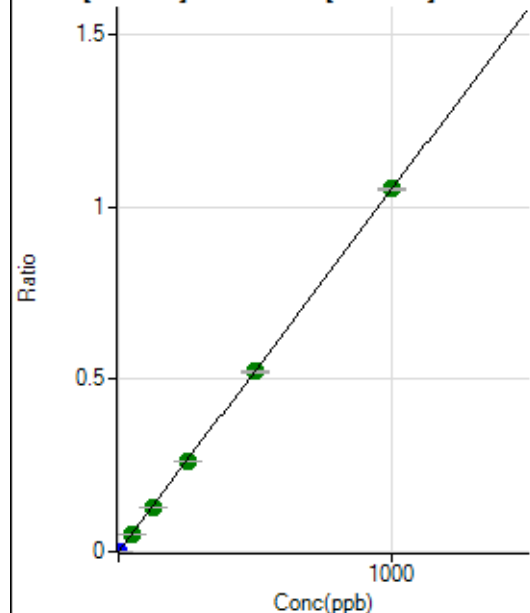
$$DL = 0.01166$$

$$BEC = 0.01261$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2845.87	0.0001	P	2.9
2	☐	1.000	0.918	57157.75	0.0010	P	1.7
3	☐	50.000	49.443	2931699.71	0.0519	A	0.4
4	☐	125.000	123.147	7253169.33	0.1293	A	1.1
5	☐	250.000	248.573	14639067.14	0.2609	A	1.0
6	☐	500.000	497.440	28841552.35	0.5220	A	1.0
7	☐	1000.000	1001.896	58409240.24	1.0513	A	0.4
8	☐			28013.96	0.0006	P	0.3

$$y = 0.0010 * x + 5.1284E-005$$

$$R = 1.0000$$

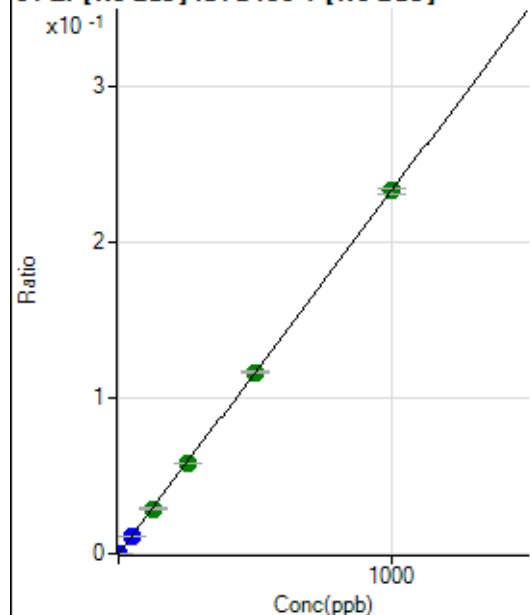
$$DL = 0.00427$$

$$BEC = 0.04888$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	445.57	0.0000	P	9.6
2	☐	1.000	0.919	12515.69	0.0002	P	1.5
3	☐	50.000	46.977	618566.52	0.0110	P	0.6
4	☐	125.000	124.049	1622613.86	0.0289	A	1.8
5	☐	250.000	250.073	3271266.58	0.0583	A	0.2
6	☐	500.000	500.567	6446294.83	0.1167	A	1.8
7	☐	1000.000	999.968	12948106.47	0.2331	A	1.5
8	☐			6099.17	0.0001	P	2.7

$$y = 2.3306\text{E-}004 * x + 8.0345\text{E-}006$$

$$R = 1.0000$$

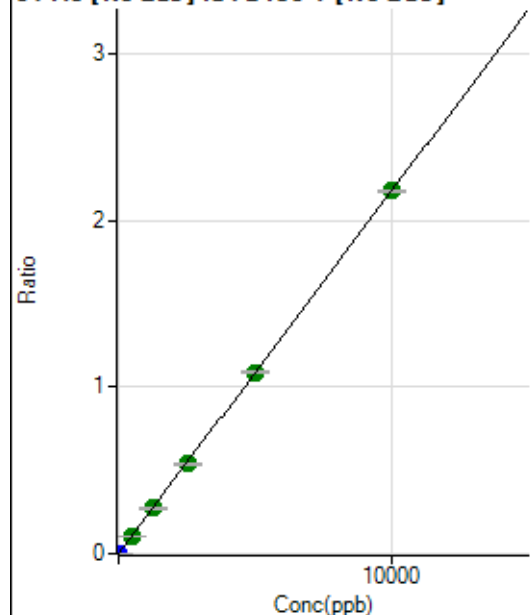
$$DL = 0.009968$$

$$BEC = 0.03447$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	865.60	0.0000	P	3.0
2	☐	5.000	5.253	65300.13	0.0012	P	2.0
3	☐	500.000	493.412	6066889.84	0.1075	A	0.5
4	☐	1250.000	1246.518	15230758.94	0.2715	A	1.8
5	☐	2500.000	2478.689	30291596.49	0.5398	A	1.3
6	☐	5000.000	5003.344	60200896.88	1.0895	A	1.3
7	☐	10000.000	10004.420	121041771.53	2.1786	A	0.7
8	☐			26573.30	0.0006	P	3.6

$$y = 2.1776\text{E-}004 * x + 1.5590\text{E-}005$$

$$R = 1.0000$$

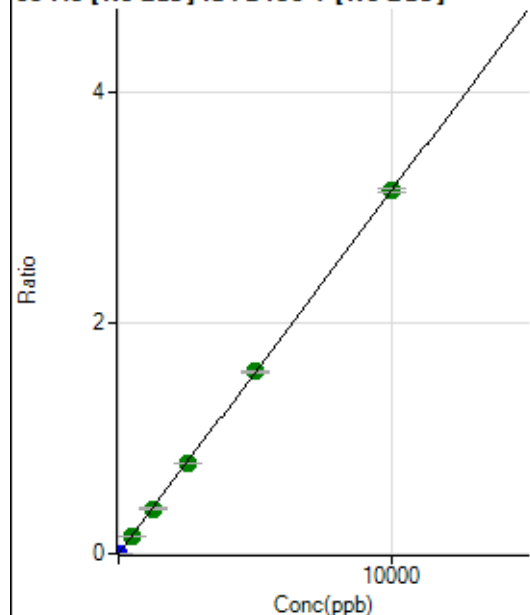
$$DL = 0.006419$$

$$BEC = 0.07159$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	188.89	0.0000	P	9.4
2	☐	5.000	4.444	78715.55	0.0014	P	3.4
3	☐	500.000	494.272	8758199.18	0.1551	A	0.8
4	☐	1250.000	1244.710	21918039.67	0.3907	A	2.1
5	☐	2500.000	2486.779	43798992.68	0.7805	A	1.0
6	☐	5000.000	5011.679	86908700.93	1.5729	A	1.6
7	☐	10000.000	9998.414	174342442.96	3.1380	A	1.0
8	☐			30069.83	0.0006	P	2.9

$$y = 3.1385\text{E-}004 * x + 3.4001\text{E-}006$$

$$R = 1.0000$$

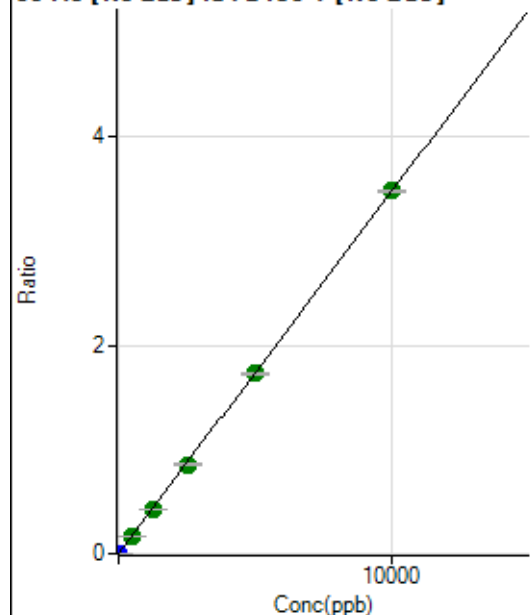
$$DL = 0.003071$$

$$BEC = 0.01083$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	380.01	0.0000	P	1.6
2	☐	5.000	4.470	87794.03	0.0016	P	2.3
3	☐	500.000	493.393	9673452.84	0.1713	A	1.0
4	☐	1250.000	1235.528	24074130.75	0.4291	A	1.2
5	☐	2500.000	2468.402	48106720.95	0.8572	A	0.8
6	☐	5000.000	4980.370	95563127.46	1.7295	A	0.7
7	☐	10000.000	10019.854	193333850.45	3.4795	A	0.7
8	☐			38148.63	0.0008	P	1.9

$$y = 3.4726\text{E-}004 * x + 6.8453\text{E-}006$$

$$R = 1.0000$$

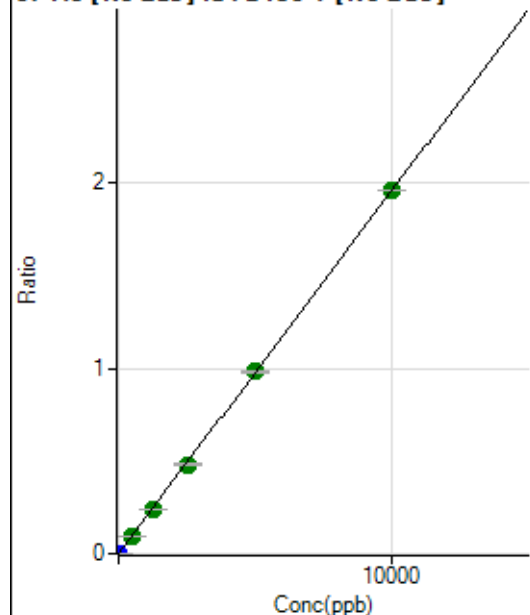
$$DL = 0.0009624$$

$$BEC = 0.01971$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	128.89	0.0000	P	15.6
2	☐	5.000	4.428	48950.39	0.0009	P	3.4
3	☐	500.000	497.457	5499677.83	0.0974	A	1.4
4	☐	1250.000	1238.947	13613287.58	0.2426	A	0.6
5	☐	2500.000	2461.293	27047284.04	0.4820	A	1.2
6	☐	5000.000	5011.566	54225259.75	0.9814	A	0.8
7	☐	10000.000	10005.403	108862005.04	1.9593	A	0.1
8	☐			16285.64	0.0004	P	4.1

$$y = 1.9582\text{E-}004 * x + 2.3198\text{E-}006$$

$$R = 1.0000$$

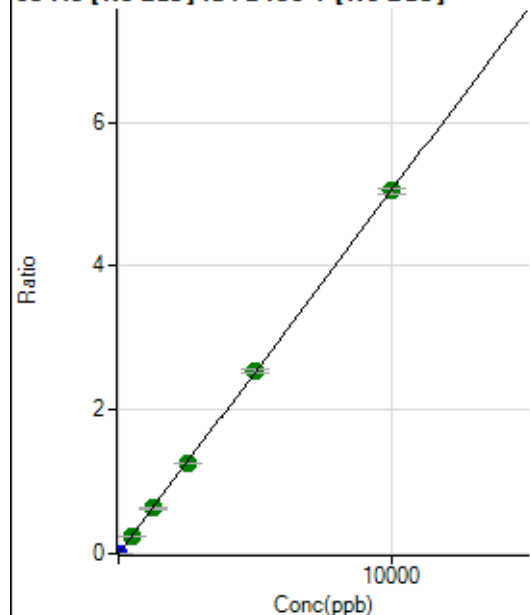
$$DL = 0.005549$$

$$BEC = 0.01185$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	324.45	0.0000	P	8.7
2	☐	5.000	4.445	126836.63	0.0023	P	2.4
3	☐	500.000	492.931	14065716.73	0.2491	A	0.6
4	☐	1250.000	1248.739	35411783.91	0.6311	A	1.5
5	☐	2500.000	2491.837	70674688.95	1.2594	A	1.6
6	☐	5000.000	5032.246	140528413.46	2.5434	A	1.5
7	☐	10000.000	9986.429	280415669.15	5.0473	A	1.4
8	☐			41696.35	0.0009	P	2.7

$$y = 5.0541\text{E-}004 * x + 5.8421\text{E-}006$$

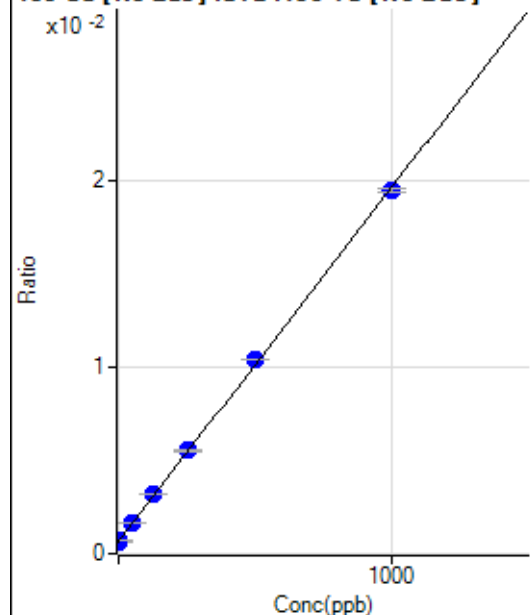
$$R = 1.0000$$

$$DL = 0.003007$$

$$BEC = 0.01156$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	32708.71	0.0007	P	0.5
2	☐	1.000	1.049	34206.92	0.0007	P	0.6
3	☐	50.000	53.171	83710.64	0.0017	P	0.5
4	☐	125.000	132.509	156458.80	0.0032	P	1.3
5	☐	250.000	256.909	277971.74	0.0055	P	0.9
6	☐	500.000	513.016	512755.46	0.0104	P	0.4
7	☐	1000.000	990.668	958534.28	0.0195	P	1.1
8	☐			27378.35	0.0007	P	1.6

$$y = 1.8967\text{E-}005 * x + 6.6460\text{E-}004$$

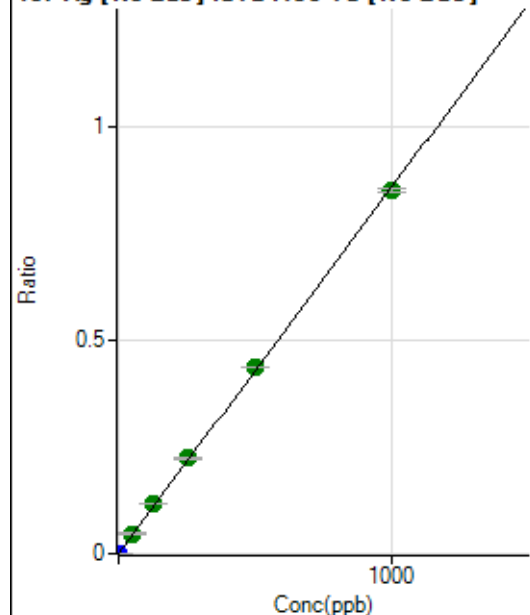
$$R = 0.9998$$

$$DL = 0.5289$$

$$BEC = 35.04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	482.09	0.0000	P	9.7
2	☐	1.000	0.973	42137.32	0.0008	P	3.4
3	☐	50.000	54.964	2356254.11	0.0471	A	1.8
4	☐	125.000	135.514	5715573.15	0.1161	A	1.4
5	☐	250.000	261.579	11247610.93	0.2241	A	2.1
6	☐	500.000	510.329	21564346.07	0.4372	A	0.6
7	☐	1000.000	990.378	41799217.06	0.8484	A	1.1
8	☐			3482.54	0.0001	P	8.2

$$y = 8.5661\text{E-}004 * x + 9.7905\text{E-}006$$

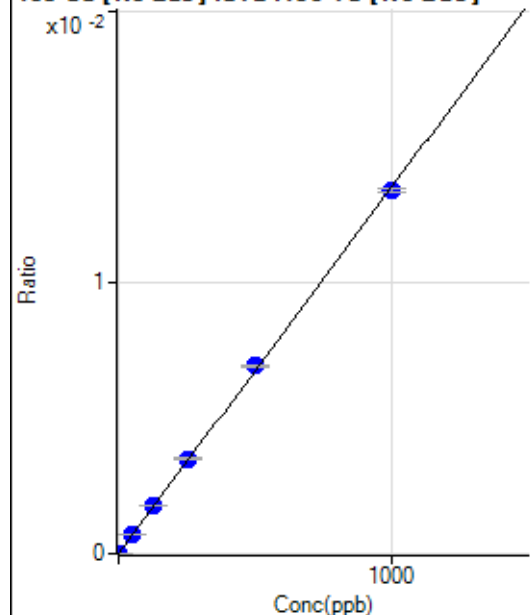
$$R = 0.9998$$

$$DL = 0.00334$$

$$BEC = 0.01143$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0000	P	31.4
2	☐	1.000	1.060	795.59	0.0000	P	5.0
3	☐	50.000	53.458	36258.77	0.0007	P	0.8
4	☐	125.000	132.791	88517.55	0.0018	P	1.1
5	☐	250.000	258.634	175703.81	0.0035	P	1.1
6	☐	500.000	512.573	342092.52	0.0069	P	0.8
7	☐	1000.000	990.408	660178.52	0.0134	P	1.0
8	☐			321.12	0.0000	P	7.2

$$y = 1.3528\text{E-}005 * x + 1.5773\text{E-}006$$

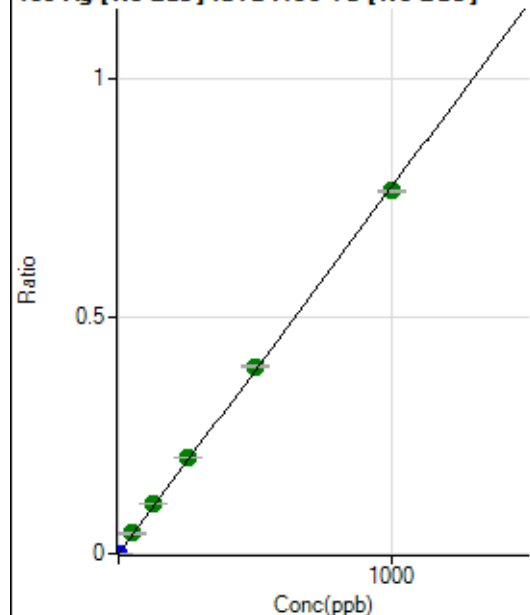
$$R = 0.9998$$

$$DL = 0.1099$$

$$BEC = 0.1166$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.22	0.0000	P	20.8
2	☐	1.000	1.031	39942.16	0.0008	P	1.6
3	☐	50.000	55.141	2133130.14	0.0426	A	1.3
4	☐	125.000	137.680	5241466.31	0.1065	A	1.6
5	☐	250.000	262.210	10177393.60	0.2027	A	0.9
6	☐	500.000	510.532	19470485.27	0.3947	A	1.1
7	☐	1000.000	989.840	37712747.21	0.7653	A	0.5
8	☐			2855.93	0.0001	P	13.0

$$y = 7.7319\text{E-}004 * x + 2.0767\text{E-}006$$

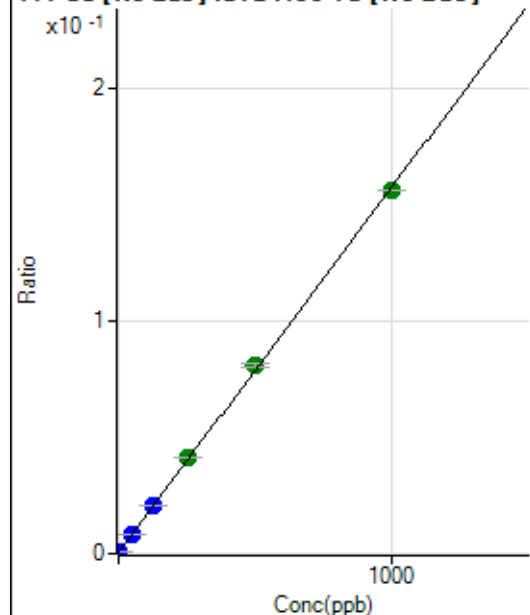
$$R = 0.9998$$

$$DL = 0.001679$$

$$BEC = 0.002686$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22854.98	0.0005	P	0.4
2	☐	1.000	1.048	31433.69	0.0006	P	0.4
3	☐	50.000	51.543	428337.51	0.0086	P	0.7
4	☐	125.000	128.853	1019434.71	0.0207	P	1.5
5	☐	250.000	258.963	2065517.79	0.0411	A	0.4
6	☐	500.000	512.532	3994202.92	0.0810	A	1.7
7	☐	1000.000	990.934	7693237.47	0.1561	A	0.2
8	☐			20175.69	0.0005	P	1.3

$$y = 1.5709\text{E-}004 * x + 4.6439\text{E-}004$$

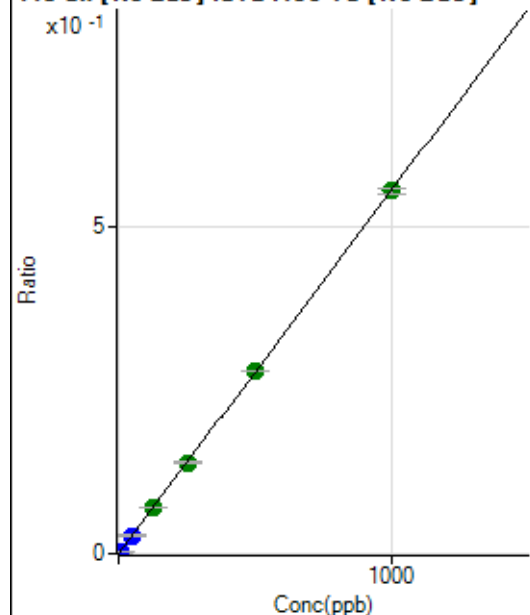
$$R = 0.9998$$

$$DL = 0.03658$$

$$BEC = 2.956$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2510.26	0.0001	P	1.9
2	☐	5.000	4.822	136164.72	0.0027	P	1.3
3	☐	50.000	50.018	1390088.33	0.0278	P	0.9
4	☐	125.000	127.804	3491414.53	0.0709	A	1.1
5	☐	250.000	250.353	6970861.56	0.1389	A	0.7
6	☐	500.000	502.610	13749024.93	0.2787	A	0.8
7	☐	1000.000	998.256	27272715.70	0.5536	A	1.7
8	☐			26332.09	0.0006	P	1.7

$$y = 5.5448\text{E-}004 * x + 5.1012\text{E-}005$$

$$R = 1.0000$$

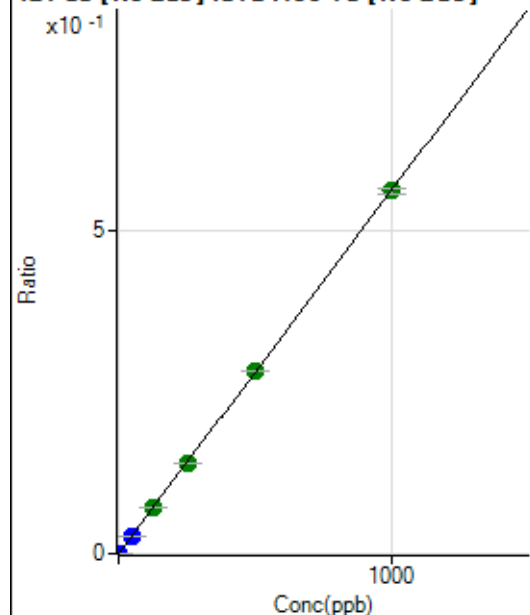
$$DL = 0.005292$$

$$BEC = 0.092$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	167.78	0.0000	P	25.0
2	☐	2.000	1.947	54780.35	0.0011	P	1.4
3	☐	50.000	49.409	1387574.46	0.0277	P	1.6
4	☐	125.000	127.968	3536381.06	0.0718	A	0.7
5	☐	250.000	248.843	7011419.06	0.1397	A	0.9
6	☐	500.000	502.407	13909481.46	0.2820	A	0.2
7	☐	1000.000	998.744	27618081.53	0.5606	A	1.4
8	☐			14296.61	0.0003	P	17.6

$$y = 5.6127\text{E-}004 * x + 3.4151\text{E-}006$$

$$R = 1.0000$$

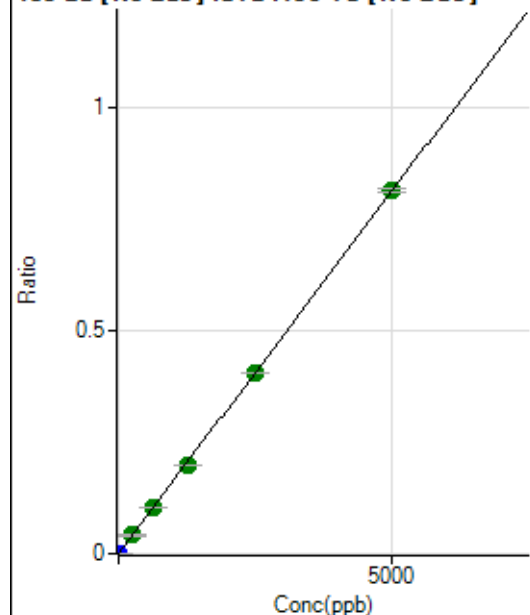
$$DL = 0.004559$$

$$BEC = 0.006085$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	247.78	0.0000	P	5.2
2	☐	10.000	9.431	76674.38	0.0015	P	0.8
3	☐	250.000	253.627	2057880.00	0.0411	A	1.4
4	☐	625.000	631.496	5042414.48	0.1024	A	1.5
5	☐	1250.000	1226.934	9988585.40	0.1990	A	0.9
6	☐	2500.000	2491.710	19931152.90	0.4041	A	0.6
7	☐	5000.000	5008.919	40019851.35	0.8123	A	0.9
8	☐			13096.48	0.0003	P	3.6

$$y = 1.6216\text{E-}004 * x + 5.0364\text{E-}006$$

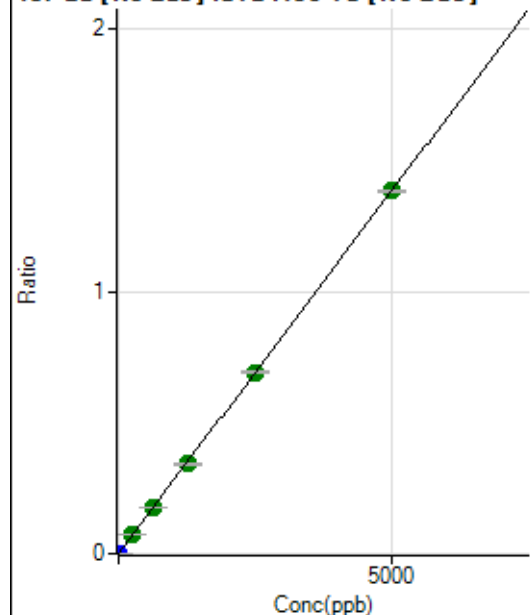
$$R = 1.0000$$

$$DL = 0.004856$$

$$BEC = 0.03106$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	356.68	0.0000	P	2.5
2	☐	10.000	9.648	133639.95	0.0027	P	2.1
3	☐	250.000	254.074	3514692.03	0.0703	A	1.1
4	☐	625.000	631.212	8592652.44	0.1745	A	0.9
5	☐	1250.000	1240.562	17216205.99	0.3430	A	1.7
6	☐	2500.000	2498.024	34065548.38	0.6906	A	0.7
7	☐	5000.000	5002.368	68142380.65	1.3830	A	0.8
8	☐			22735.96	0.0006	P	1.0

$$y = 2.7647E-004 * x + 7.2485E-006$$

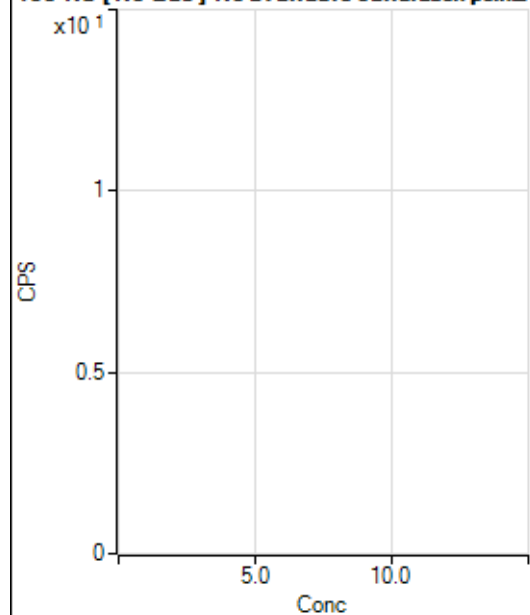
$$R = 1.0000$$

$$DL = 0.001988$$

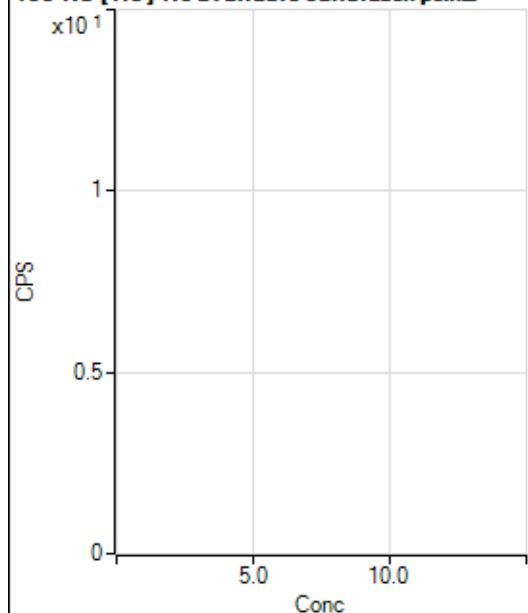
$$BEC = 0.02622$$

Weight: <None>

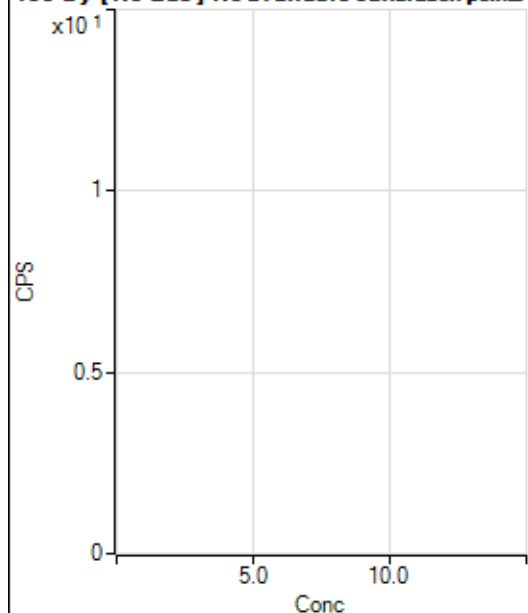
Min Conc: 0

150 Nd [No Gas] No available calibration points

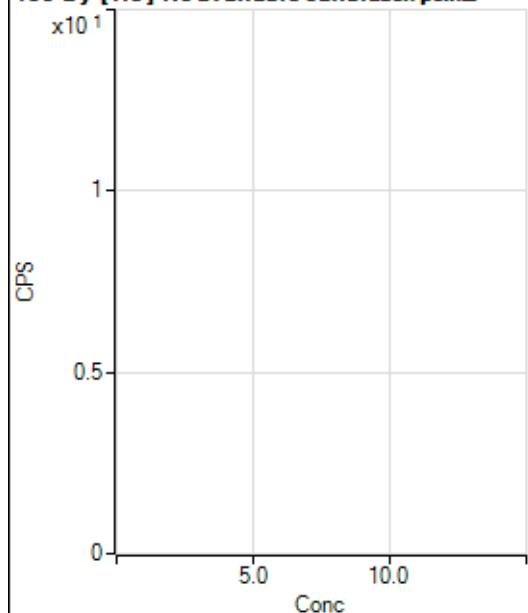
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			36.67		P	32.8
2	☐			64.44		P	18.2
3	☐			347.78		P	2.8
4	☐			858.93		P	11.5
5	☐			1534.55		P	4.1
6	☐			3081.51		P	3.4
7	☐			5799.08		P	1.1
8	☐			666.69		P	8.4

150 Nd [He] No available calibration points

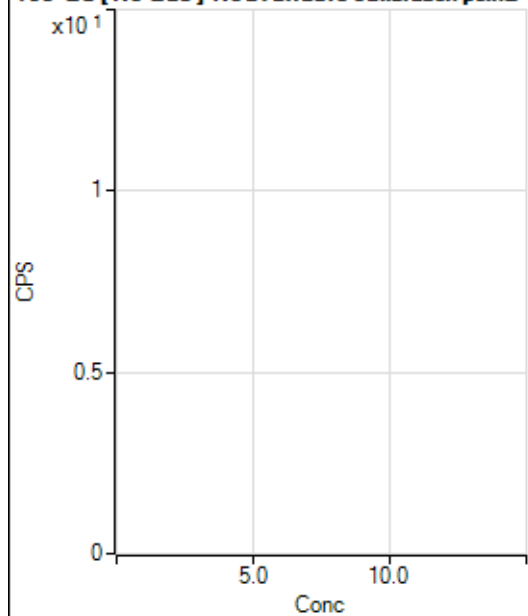
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			10.00		P	33.3
2	☐			8.89		P	21.6
3	☐			31.11		P	6.2
4	☐			50.00		P	40.0
5	☐			73.34		P	28.4
6	☐			136.67		P	4.2
7	☐			283.34		P	12.4
8	☐			191.11		P	2.7

156 Dy [No Gas] No available calibration points

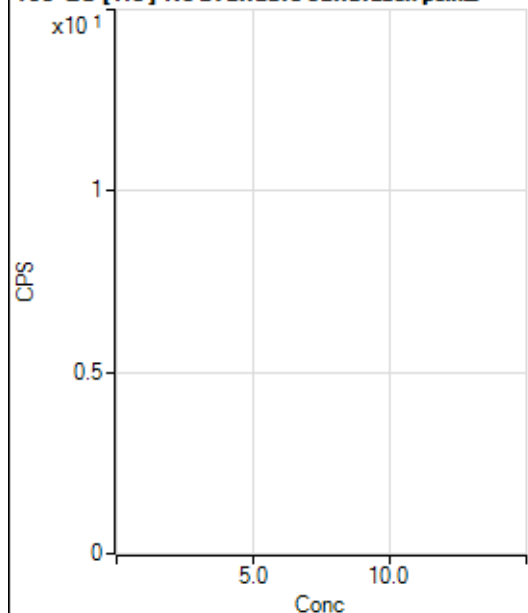
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			888.93		P	1.3
2	☐			876.71		P	5.9
3	☐			905.60		P	6.1
4	☐			1005.61		P	5.8
5	☐			1226.73		P	3.3
6	☐			1440.10		P	5.9
7	☐			2024.62		P	4.0
8	☐			2204.65		P	7.7

156 Dy [He] No available calibration points

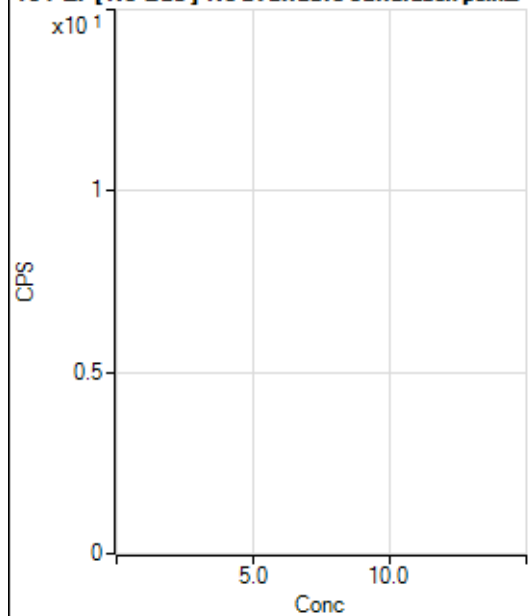
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			52.22		P	43.4
2	☐			58.89		P	11.8
3	☐			77.78		P	8.9
4	☐			115.56		P	17.4
5	☐			180.00		P	3.7
6	☐			300.01		P	2.9
7	☐			631.13		P	1.1
8	☐			563.35		P	5.3

160 Gd [No Gas] Noavailable calibration poin_

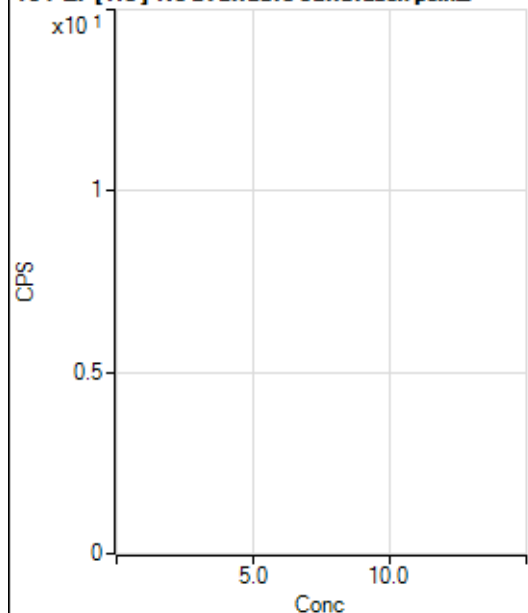
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			638.91		P	0.8
2	☐			658.91		P	6.5
3	☐			634.47		P	6.3
4	☐			694.47		P	6.3
5	☐			682.25		P	6.7
6	☐			755.59		P	1.1
7	☐			925.60		P	10.3
8	☐			1532.33		P	3.7

160 Gd [He] No available calibration points

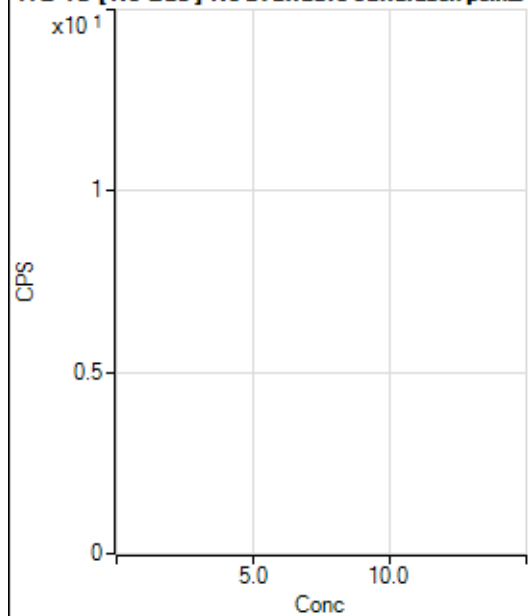
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			795.59		P	8.4
2	☐			751.14		P	17.3
3	☐			738.92		P	10.4
4	☐			782.26		P	7.3
5	☐			844.48		P	2.7
6	☐			811.14		P	8.1
7	☐			896.71		P	7.1
8	☐			1174.51		P	2.9

164 Er [No Gas] No available calibration points

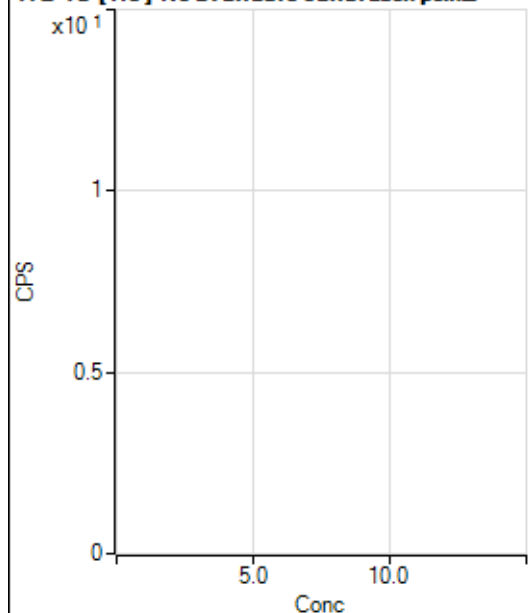
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			351.12		P	12.6
2	☐			321.12		P	7.9
3	☐			373.34		P	14.4
4	☐			441.12		P	8.5
5	☐			445.57		P	3.0
6	☐			537.80		P	5.6
7	☐			706.69		P	12.3
8	☐			1143.40		P	4.7

164 Er [He] No available calibration points

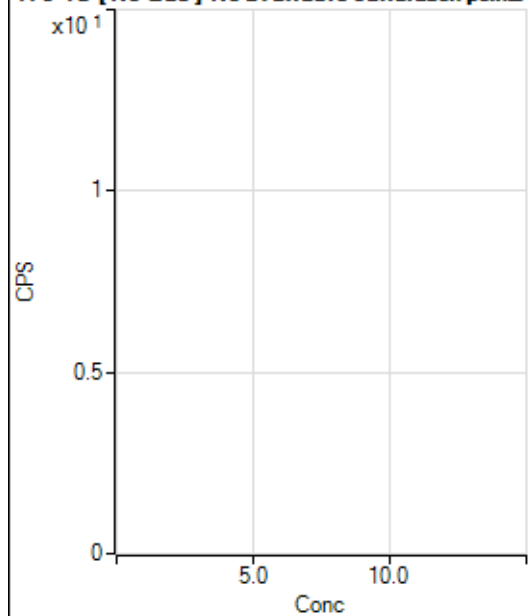
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			126.67		P	19.9
2	☐			104.45		P	15.7
3	☐			150.00		P	13.5
4	☐			140.00		P	8.6
5	☐			186.67		P	15.6
6	☐			174.45		P	15.4
7	☐			254.45		P	3.0
8	☐			425.57		P	3.0

172 Yb [No Gas] No available calibration points

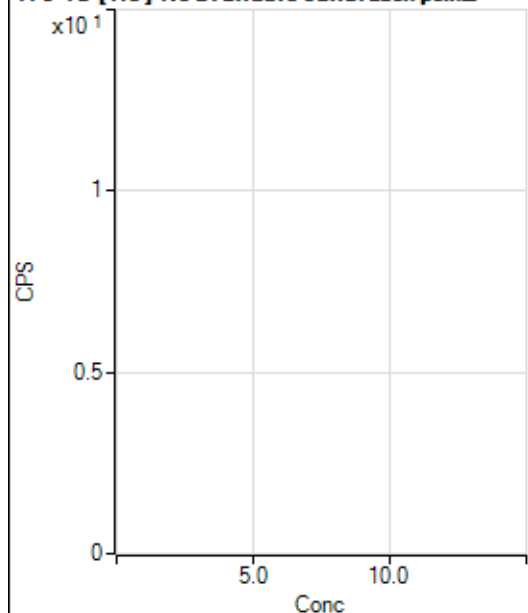
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			304.45		P	8.3
2	☐			330.01		P	10.5
3	☐			384.46		P	7.3
4	☐			338.89		P	4.6
5	☐			413.34		P	9.8
6	☐			533.35		P	5.6
7	☐			748.92		P	5.6
8	☐			1582.34		P	7.4

172 Yb [He] No available calibration points

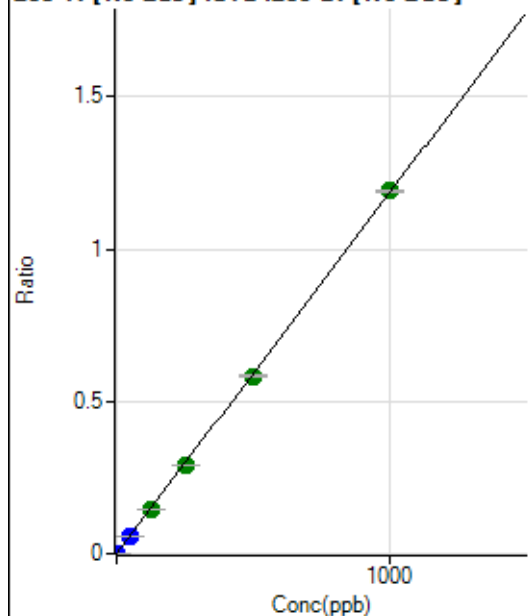
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			125.56		P	6.7
2	☐			137.78		P	26.5
3	☐			128.89		P	1.5
4	☐			158.89		P	8.7
5	☐			165.56		P	7.1
6	☐			194.45		P	14.0
7	☐			331.12		P	10.1
8	☐			734.47		P	7.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			12200.20		P	3.8
2	☐			12372.54		P	3.1
3	☐			20190.03		P	1.3
4	☐			31033.18		P	1.5
5	☐			50115.72		P	0.6
6	☐			87062.34		P	2.3
7	☐			162443.42		P	0.5
8	☐			10996.89		P	1.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			65793.04		P	0.7
2	☐			65368.39		P	2.4
3	☐			68553.38		P	1.7
4	☐			72715.39		P	0.8
5	☐			80278.81		P	0.2
6	☐			92386.94		P	0.4
7	☐			121847.27		P	0.7
8	☐			60966.50		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	377.79	0.0000	P	7.5
2	☐	1.000	0.920	33756.04	0.0011	P	0.6
3	☐	50.000	47.621	1704877.44	0.0564	P	0.3
4	☐	125.000	121.767	4303446.92	0.1442	A	2.5
5	☐	250.000	245.125	8467765.84	0.2903	A	0.2
6	☐	500.000	492.631	16666273.64	0.5834	A	0.9
7	☐	1000.000	1005.427	32851405.34	1.1907	A	0.5
8	☐			4152.97	0.0002	P	7.6

$$y = 0.0012 * x + 1.2482E-005$$

$$R = 0.9999$$

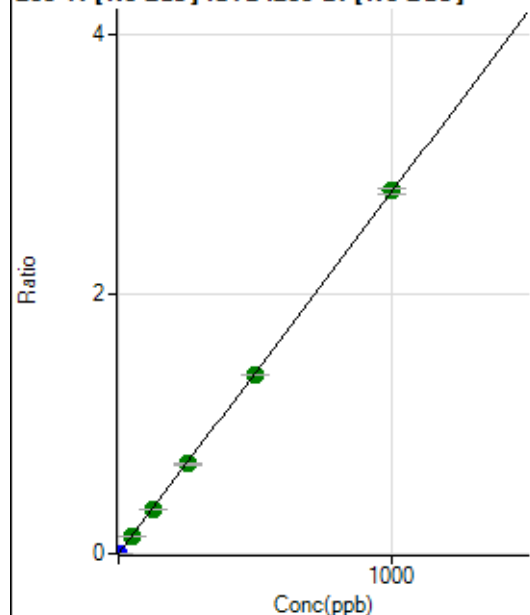
$$DL = 0.002369$$

$$BEC = 0.01054$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	873.37	0.0000	P	6.9
2	☐	1.000	0.935	80805.25	0.0026	P	0.8
3	☐	50.000	48.980	4131064.14	0.1367	A	0.6
4	☐	125.000	123.152	10253816.72	0.3436	A	2.2
5	☐	250.000	247.661	20155109.70	0.6910	A	1.1
6	☐	500.000	494.637	39424008.86	1.3800	A	0.2
7	☐	1000.000	1003.548	77248169.41	2.7998	A	1.5
8	☐			10279.90	0.0005	P	6.5

$$y = 0.0028 * x + 2.8857E-005$$

$$R = 1.0000$$

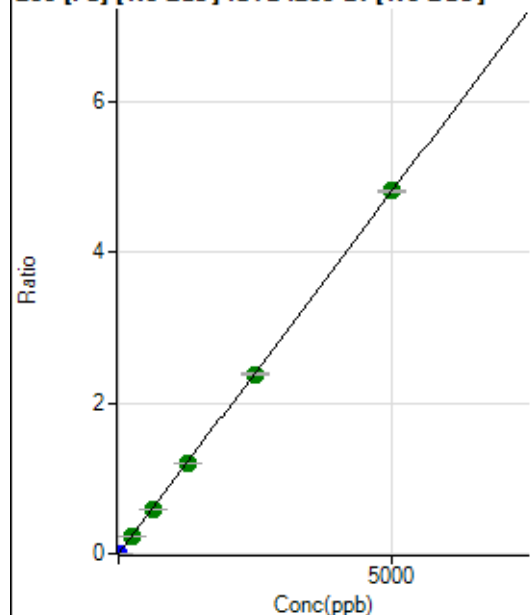
$$DL = 0.002152$$

$$BEC = 0.01034$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	787.81	0.0000	P	9.0
2	☐	1.000	0.915	27691.87	0.0009	P	2.1
3	☐	250.000	244.707	7100740.87	0.2349	A	1.1
4	☐	625.000	610.680	17491886.82	0.5862	A	3.4
5	☐	1250.000	1240.266	34728690.32	1.1906	A	0.6
6	☐	2500.000	2477.730	67948975.66	2.3785	A	0.7
7	☐	5000.000	5015.623	132836630.24	4.8147	A	0.5
8	☐			28062.86	0.0013	P	0.4

$$y = 9.5994E-004 * x + 2.6016E-005$$

$$R = 1.0000$$

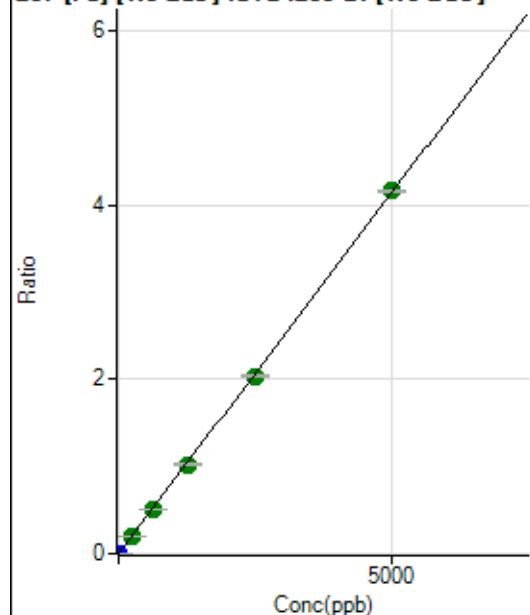
$$DL = 0.007297$$

$$BEC = 0.0271$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	715.59	0.0000	P	4.5
2	☐	1.000	0.929	24291.74	0.0008	P	1.3
3	☐	250.000	243.174	6086473.38	0.2014	A	0.5
4	☐	625.000	610.085	15073052.14	0.5052	A	3.2
5	☐	1250.000	1228.849	29675678.73	1.0175	A	2.3
6	☐	2500.000	2457.607	58132167.47	2.0349	A	0.9
7	☐	5000.000	5028.690	114874237.18	4.1637	A	0.7
8	☐			24341.25	0.0012	P	3.7

$$y = 8.2799\text{E-}004 * x + 2.3642\text{E-}005$$

$$R = 0.9999$$

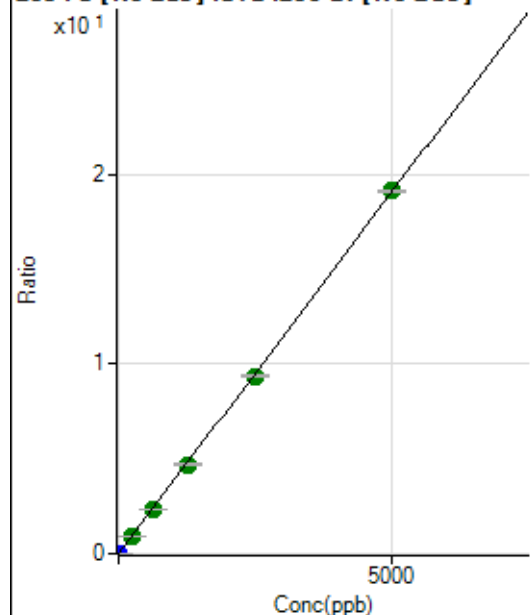
$$DL = 0.003871$$

$$BEC = 0.02855$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3200.20	0.0001	P	2.0
2	☐	1.000	0.921	110764.00	0.0036	P	1.2
3	☐	250.000	243.035	27991584.17	0.9261	A	0.3
4	☐	625.000	614.488	69868817.29	2.3414	A	2.5
5	☐	1250.000	1232.837	137011440.74	4.6974	A	1.3
6	☐	2500.000	2462.611	268051764.34	9.3831	A	0.6
7	☐	5000.000	5024.648	528207487.68	19.1449	A	0.7
8	☐			110742.60	0.0053	P	1.7

$$y = 0.0038 * x + 1.0571\text{E-}004$$

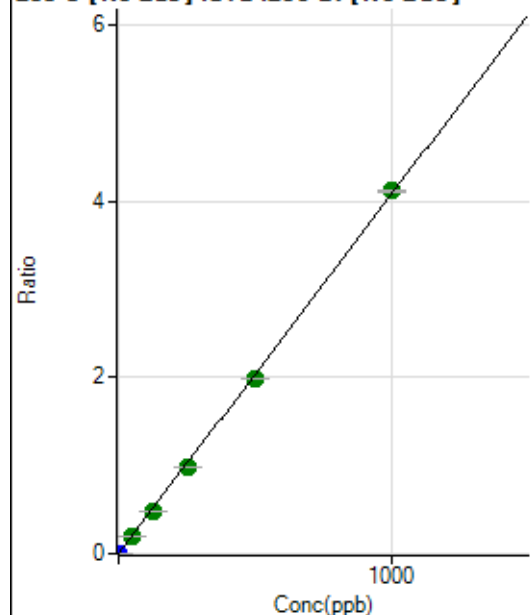
$$R = 1.0000$$

$$DL = 0.001703$$

$$BEC = 0.02774$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	133.34	0.0000	P	24.5
2	☐	1.000	0.883	110468.22	0.0036	P	0.5
3	☐	50.000	46.877	5782105.75	0.1913	A	1.4
4	☐	125.000	118.727	14460127.01	0.4845	A	1.6
5	☐	250.000	241.781	28782326.79	0.9867	A	0.3
6	☐	500.000	487.300	56810879.15	1.9887	A	0.8
7	☐	1000.000	1009.345	113647772.75	4.1191	A	0.5
8	☐			3697.59	0.0002	P	21.1

$$y = 0.0041 * x + 4.4086E-006$$

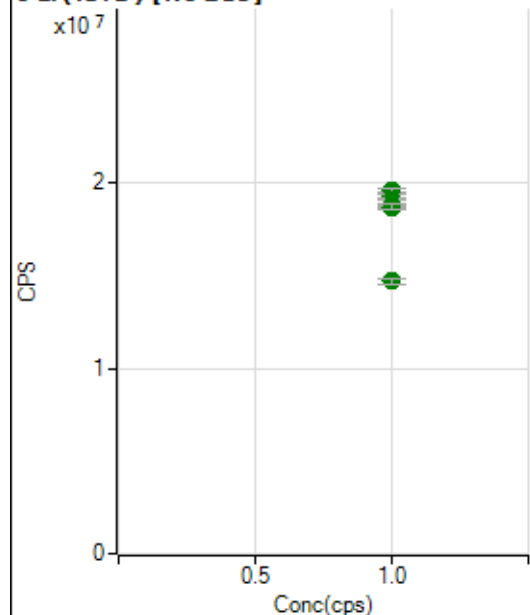
$$R = 0.9998$$

$$DL = 0.0007926$$

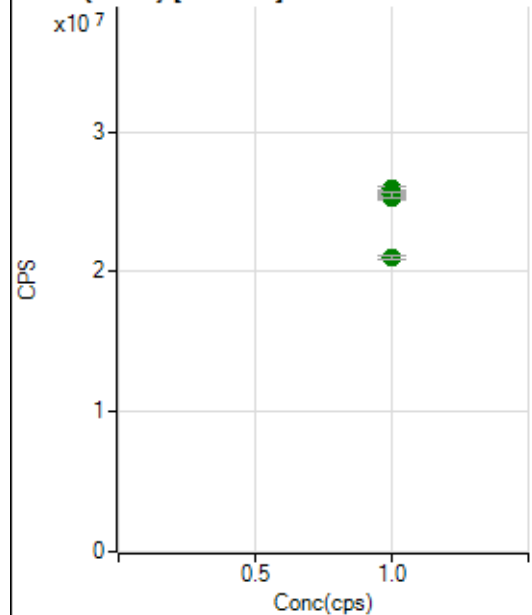
$$BEC = 0.00108$$

Weight: <None>

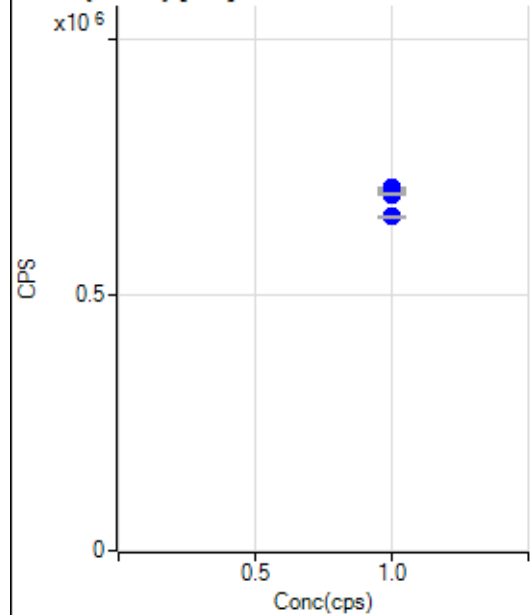
Min Conc: 0

6 Li (ISTD) [No Gas]

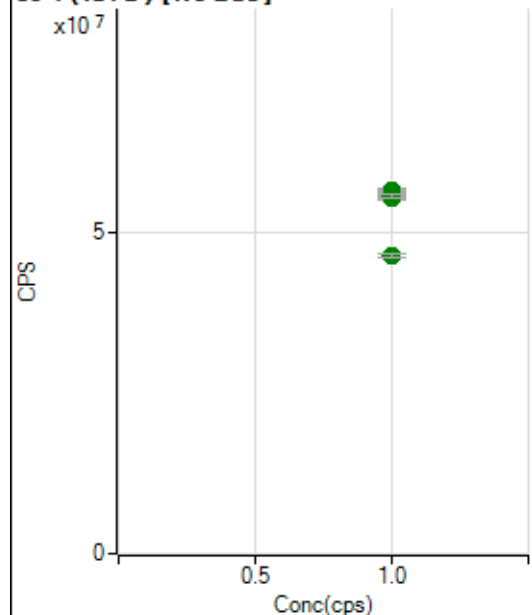
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		19364227.83		A	1.3
2	☐	1.000		19460810.14		A	2.4
3	☐	1.000		19597665.74		A	1.6
4	☐	1.000		19148116.31		A	0.6
5	☐	1.000		18930540.38		A	2.1
6	☐	1.000		18819751.10		A	0.5
7	☐	1.000		18725898.67		A	1.5
8	☐	1.000		14711626.90		A	2.4

45 Sc (ISTD) [No Gas]

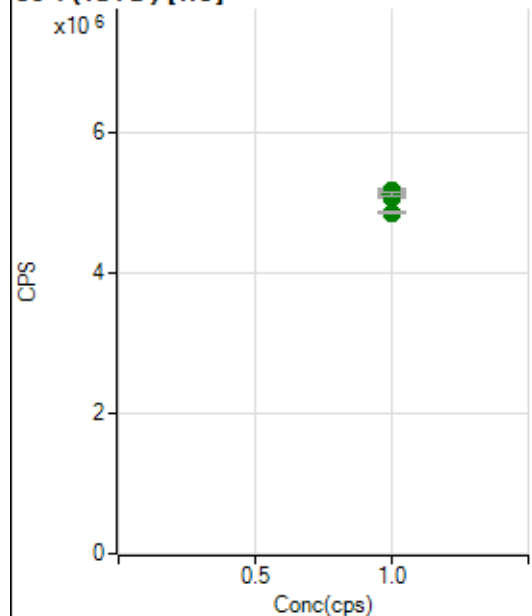
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		25224108.79		A	0.9
2	☐	1.000		25929591.00		A	0.9
3	☐	1.000		25661963.23		A	0.7
4	☐	1.000		25591392.67		A	1.4
5	☐	1.000		25544400.17		A	1.2
6	☐	1.000		25328114.62		A	0.5
7	☐	1.000		25495662.12		A	1.4
8	☐	1.000		20969130.52		A	1.3

45 Sc (ISTD) [He]

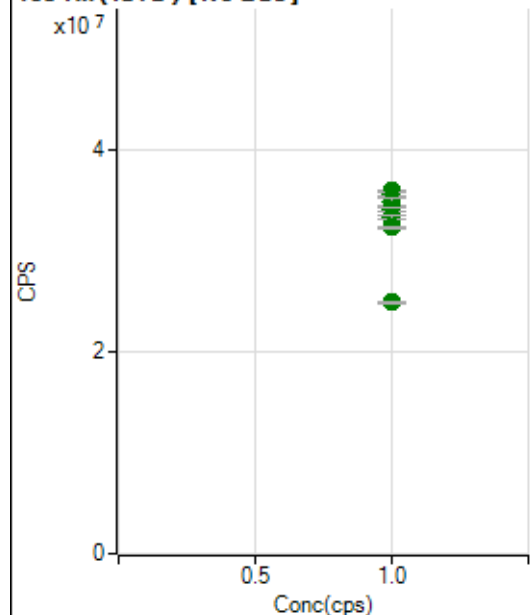
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		708851.05		P	0.3
2	☐	1.000		705334.08		P	0.3
3	☐	1.000		704946.04		P	0.5
4	☐	1.000		708339.26		P	0.3
5	☐	1.000		700765.64		P	0.4
6	☐	1.000		695921.92		P	0.2
7	☐	1.000		697492.59		P	0.2
8	☐	1.000		653239.05		P	0.6

89 Y (ISTD) [No Gas]

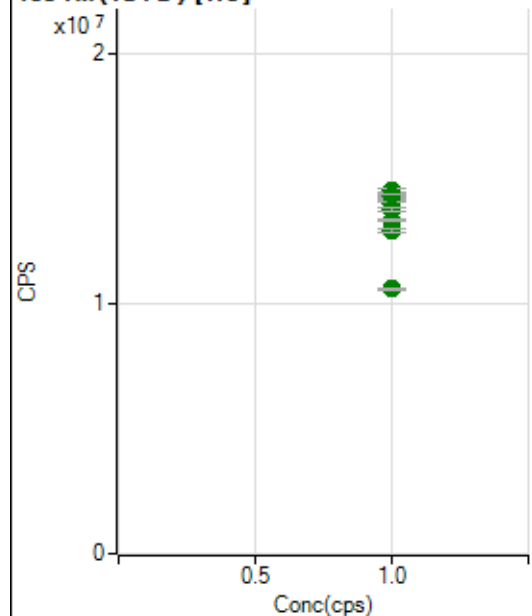
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		55505953.62		A	1.4
2	☐	1.000		56328238.61		A	1.9
3	☐	1.000		56457113.60		A	0.1
4	☐	1.000		56113462.50		A	0.9
5	☐	1.000		56120651.94		A	0.7
6	☐	1.000		55256882.51		A	0.7
7	☐	1.000		55563150.84		A	1.1
8	☐	1.000		46455419.31		A	1.2

89 Y (ISTD) [He]

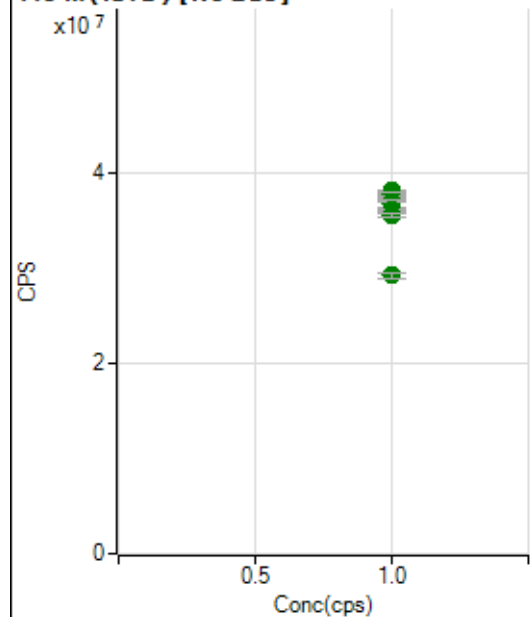
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5149963.26		A	1.1
2	☐	1.000		5087217.63		A	0.8
3	☐	1.000		5177096.94		A	1.3
4	☐	1.000		5159446.21		A	1.0
5	☐	1.000		5113968.33		A	1.1
6	☐	1.000		5081574.47		A	0.7
7	☐	1.000		5138482.88		A	1.2
8	☐	1.000		4869710.72		A	0.8

103 Rh (ISTD) [No Gas]

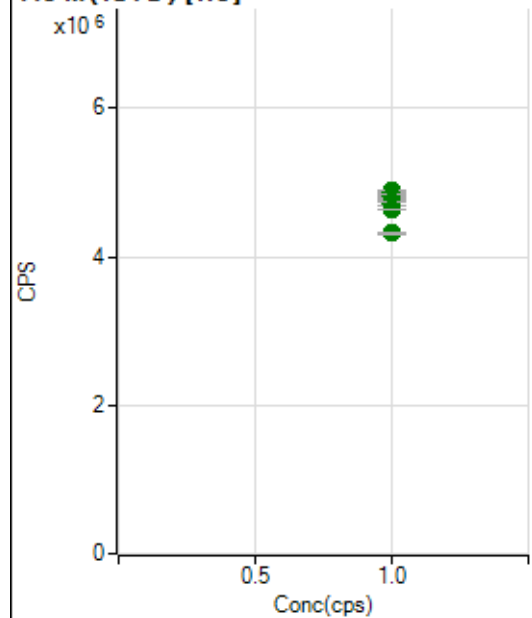
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		36009413.91		A	0.3
2	☐	1.000		35705957.80		A	0.9
3	☐	1.000		35365408.36		A	0.7
4	☐	1.000		34945936.98		A	1.9
5	☐	1.000		34089906.71		A	1.2
6	☐	1.000		33377912.00		A	1.0
7	☐	1.000		32394446.46		A	0.3
8	☐	1.000		24912664.90		A	0.6

103 Rh (ISTD) [He]

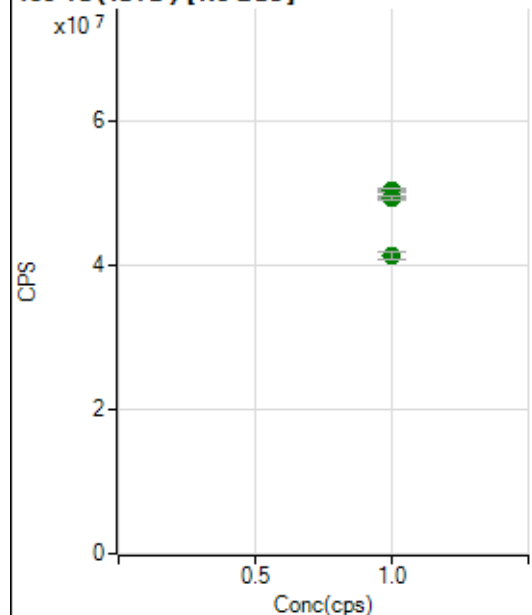
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14511873.12		A	1.1
2	☐	1.000		14288747.43		A	0.7
3	☐	1.000		14287498.82		A	1.4
4	☐	1.000		13961964.10		A	1.8
5	☐	1.000		13736434.80		A	1.1
6	☐	1.000		13309290.63		A	0.6
7	☐	1.000		12939001.20		A	1.3
8	☐	1.000		10587020.74		A	0.9

115 In (ISTD) [No Gas]

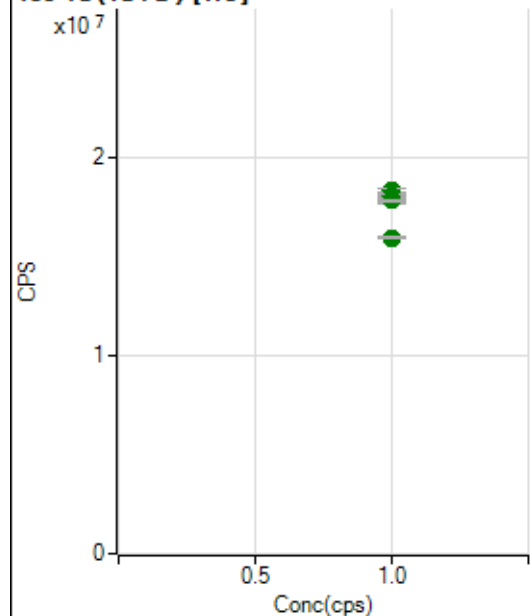
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		37462968.54		A	1.6
2	☐	1.000		38110525.11		A	0.4
3	☐	1.000		37730140.88		A	0.9
4	☐	1.000		36799238.85		A	2.6
5	☐	1.000		37000070.99		A	0.4
6	☐	1.000		36083025.38		A	0.9
7	☐	1.000		35530602.69		A	0.9
8	☐	1.000		29275004.83		A	2.1

115 In (ISTD) [He]

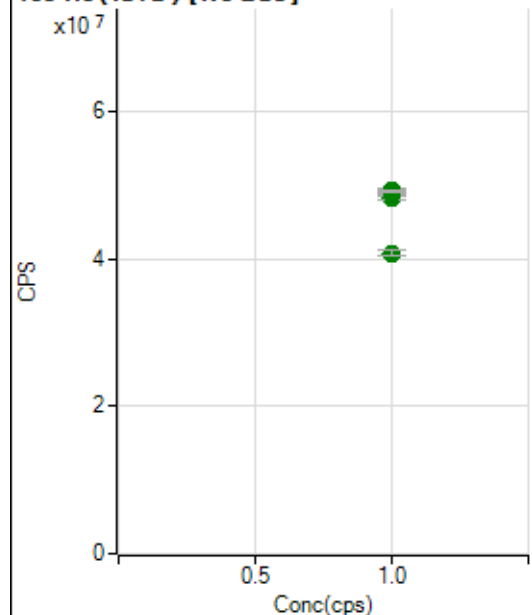
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4887185.09		A	0.9
2	☐	1.000		4863844.35		A	0.3
3	☐	1.000		4857251.74		A	1.6
4	☐	1.000		4824219.02		A	0.9
5	☐	1.000		4751817.30		A	0.4
6	☐	1.000		4710319.58		A	0.9
7	☐	1.000		4633114.69		A	0.4
8	☐	1.000		4317201.29		A	0.7

159 Tb (ISTD) [No Gas]

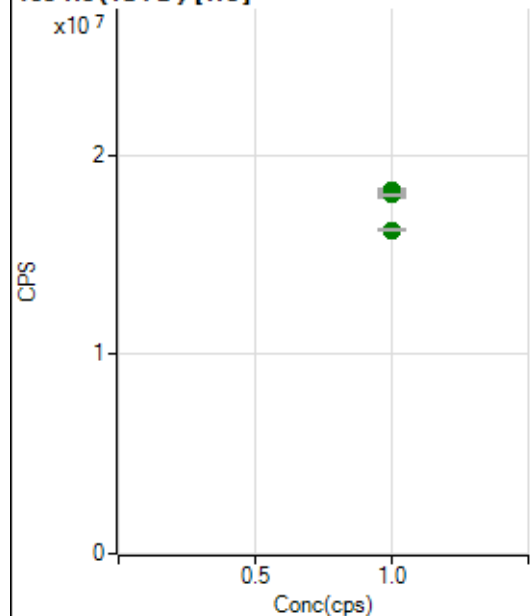
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		49213787.04		A	1.0
2	☐	1.000		49977321.48		A	1.5
3	☐	1.000		50031653.70		A	0.5
4	☐	1.000		49235369.27		A	0.6
5	☐	1.000		50200674.25		A	0.9
6	☐	1.000		49326853.15		A	0.7
7	☐	1.000		49273687.60		A	1.2
8	☐	1.000		41229114.66		A	2.6

159 Tb (ISTD) [He]

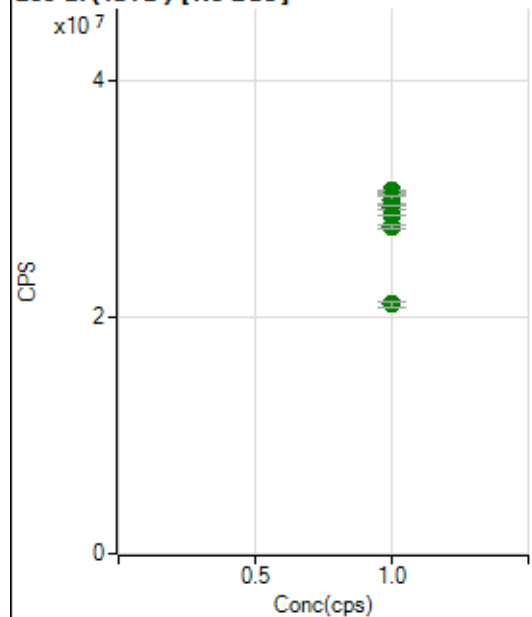
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		17861054.60		A	2.0
2	☐	1.000		18133262.37		A	1.2
3	☐	1.000		18107842.23		A	1.0
4	☐	1.000		18316362.37		A	1.7
5	☐	1.000		18067853.48		A	1.3
6	☐	1.000		17851127.37		A	1.0
7	☐	1.000		17827440.85		A	0.4
8	☐	1.000		15950387.54		A	0.7

165 Ho (ISTD) [No Gas]

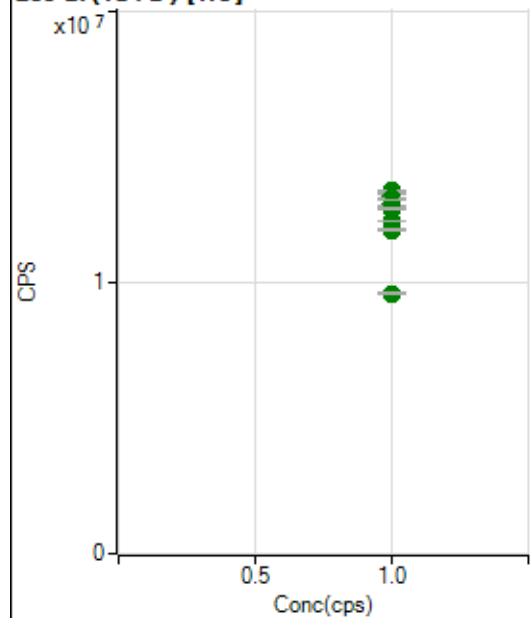
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		48237481.51		A	1.1
2	☐	1.000		48950506.49		A	1.3
3	☐	1.000		49081189.82		A	1.4
4	☐	1.000		49178044.27		A	0.3
5	☐	1.000		49065014.27		A	0.1
6	☐	1.000		48779721.50		A	0.6
7	☐	1.000		49111360.93		A	0.2
8	☐	1.000		40789925.78		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		18155959.45		A	1.4
2	☐	1.000		18129896.26		A	1.1
3	☐	1.000		18117606.26		A	1.5
4	☐	1.000		18228510.01		A	1.4
5	☐	1.000		18171487.78		A	0.6
6	☐	1.000		18059698.06		A	1.8
7	☐	1.000		18023887.51		A	0.5
8	☐	1.000		16272557.53		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		30271772.88		A	0.6
2	☐	1.000		30630065.93		A	0.2
3	☐	1.000		30225048.44		A	0.4
4	☐	1.000		29849265.94		A	1.8
5	☐	1.000		29169614.29		A	1.0
6	☐	1.000		28567549.02		A	0.3
7	☐	1.000		27590331.81		A	0.8
8	☐	1.000		21084217.74		A	2.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13195683.41		A	0.8
2	☐	1.000		13395642.02		A	0.8
3	☐	1.000		13139703.00		A	0.1
4	☐	1.000		12943640.50		A	1.8
5	☐	1.000		12734857.17		A	0.8
6	☐	1.000		12287980.37		A	0.4
7	☐	1.000		11949049.68		A	0.3
8	☐	1.000		9614485.55		A	1.1