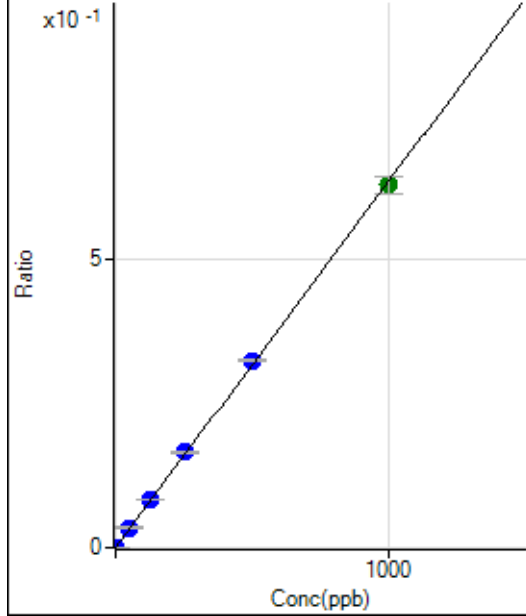


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8052323 MS.b\
Analysis File: P8052323 MS.batch.bin
DA Date-Time: 2023-05-23 15:32:03
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-05-23 12:55:56
2	005CALS.d	S02	2023-05-23 12:58:58
3	006CALS.d	S03	2023-05-23 13:02:04
4	007CALS.d	S04	2023-05-23 13:05:03
5	008CALS.d	S05	2023-05-23 13:08:04
6	009CALS.d	S06	2023-05-23 13:11:03
7	010CALS.d	S07	2023-05-23 13:14:04
8	011CALS.d	S08	2023-05-23 13:17:03

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.74	0.0000	P	30.0
2	☐	1.000	1.113	1451.56	0.0007	P	0.6
3	☐	50.000	54.790	66436.48	0.0349	P	3.1
4	☐	125.000	130.546	161278.95	0.0831	P	0.9
5	☐	250.000	260.782	319353.90	0.1659	P	2.0
6	☐	500.000	510.513	636063.46	0.3248	P	0.9
7	☐	1000.000	991.115	1254282.24	0.6305	A	4.9
8	☐			827.84	0.0004	P	5.4

$$y = 6.3608E-004 * x + 3.3547E-005$$

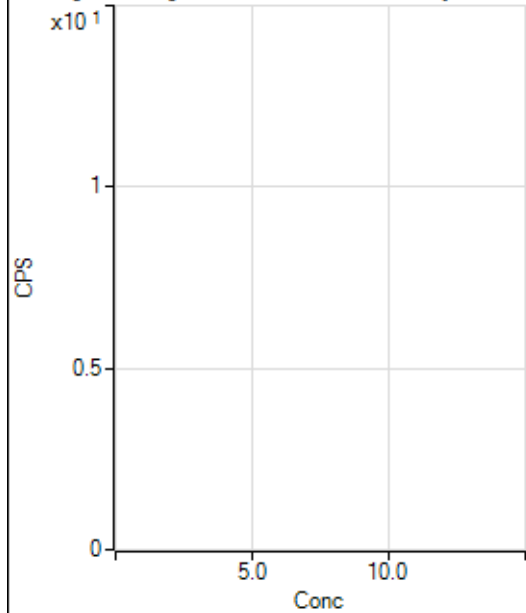
$$R = 0.9999$$

$$DL = 0.04752$$

$$BEC = 0.05274$$

Weight: <None>

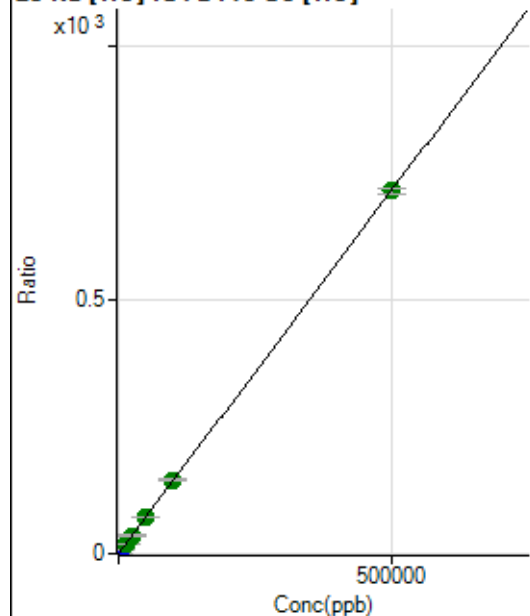
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3271078.18		A	1.7
2	☐			3147613.33		A	2.0
3	☐			3287289.74		A	2.3
4	☐			3368581.00		A	2.4
5	☐			3487382.15		A	3.2
6	☐			3396939.88		A	2.4
7	☐			3571284.50		A	2.3
8	☐			3378174.01		A	3.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			49949.40		P	1.3
2	☐			47956.65		P	0.7
3	☐			51488.06		P	0.3
4	☐			53960.74		P	0.4
5	☐			55898.60		P	1.0
6	☐			53801.62		P	1.6
7	☐			59470.74		P	1.5
8	☐			59721.60		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19713.73	0.1558	P	3.9
2	☐	500.000	503.136	111712.83	0.8765	P	2.7
3	☐	5000.000	5252.989	978004.94	7.6801	P	4.0
4	☐	12500.000	12840.593	2351844.80	18.5484	A	0.3
5	☐	25000.000	24740.636	4658489.82	35.5938	A	2.8
6	☐	50000.000	51067.498	9218227.20	73.3039	A	0.5
7	☐	100000.00	101726.04	18287481.31	145.8663	A	0.6
8	☐	500000.00	499549.96	86824380.41	715.7019	A	1.3

$$y = 0.0014 * x + 0.1558$$

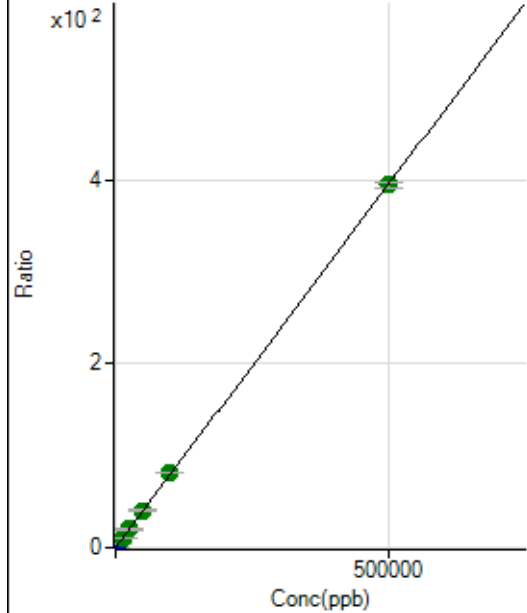
$$R = 1.0000$$

$$DL = 12.74$$

$$BEC = 108.8$$

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	416.68	0.0033	P	5.0
2	☐	500.000	518.286	52637.41	0.4128	P	1.3
3	☐	5000.000	5340.934	537926.03	4.2237	P	3.4
4	☐	12500.000	13279.100	1330905.16	10.4965	A	0.2
5	☐	25000.000	25288.211	2615914.34	19.9861	A	2.5
6	☐	50000.000	51514.926	5119661.57	40.7106	A	1.2
7	☐	100000.00	102592.13	10164195.02	81.0720	A	1.0
8	☐	500000.00	499292.76	47862644.82	394.5465	A	1.3

$$y = 7.9020\text{E-}004 * x + 0.0033$$

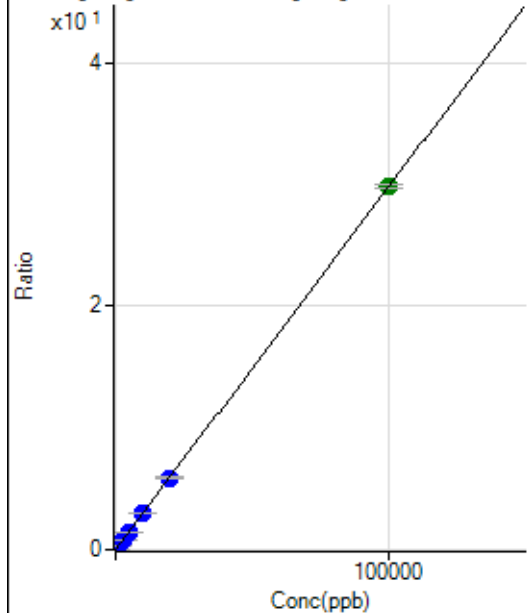
$$R = 1.0000$$

$$DL = 0.6284$$

$$BEC = 4.165$$

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	39.58	0.0003	P	28.8
2	☐	20.000	23.927	948.67	0.0074	P	5.7
3	☐	1000.000	1032.844	39234.30	0.3081	P	3.8
4	☐	2500.000	2488.839	94077.06	0.7420	P	0.3
5	☐	5000.000	4751.767	185353.75	1.4163	P	3.2
6	☐	10000.000	10064.607	377186.11	2.9995	P	0.8
7	☐	20000.000	19861.630	742038.18	5.9189	P	0.9
8	☐	100000.00	100033.57	3616081.33	29.8093	A	1.0

$$y = 2.9799\text{E-}004 * x + 3.1234\text{E-}004$$

$$R = 1.0000$$

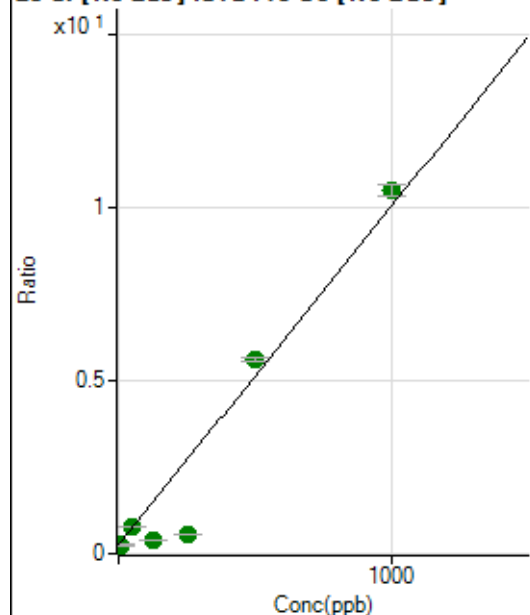
$$DL = 0.9044$$

$$BEC = 1.048$$

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	976392.58	0.2521	A	3.1
2	☐	10.000	-0.331	993044.36	0.2489	A	2.5
3	☐	50.000	54.113	3019568.73	0.7814	A	2.0
4	☐	125.000	13.692	1533271.46	0.3860	A	3.5
5	☐	250.000	29.432	2131336.72	0.5400	A	4.1
6	☐	500.000	547.773	22093926.88	5.6103	A	1.8
7	☐	1000.000	1045.067	42247307.19	10.4747	A	3.2
8	☐			1726414.11	0.4487	A	3.3

$$y = 0.0098 * x + 0.2521$$

$$R = 0.9738$$

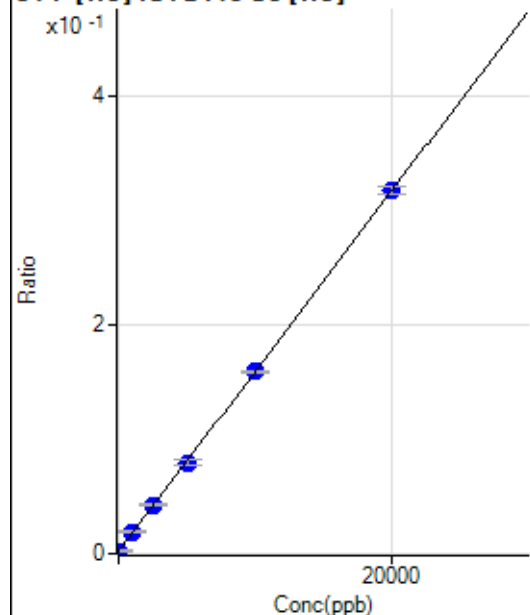
$$DL = 2.414$$

$$BEC = 25.77$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-17.311	222.23	0.0018	P	6.6
2	☐	0.000	17.311	294.46	0.0023	P	21.1
3	☐	1000.000	1079.253	2419.71	0.0190	P	6.6
4	☐	2500.000	2577.729	5401.12	0.0426	P	3.2
5	☐	5000.000	4924.255	10404.00	0.0795	P	5.4
6	☐	10000.000	9971.055	19989.21	0.1589	P	0.5
7	☐	20000.000	20019.730	39752.44	0.3171	P	2.3
8	☐			252.79	0.0021	P	24.5

$$y = 1.5738E-005 * x + 0.0020$$

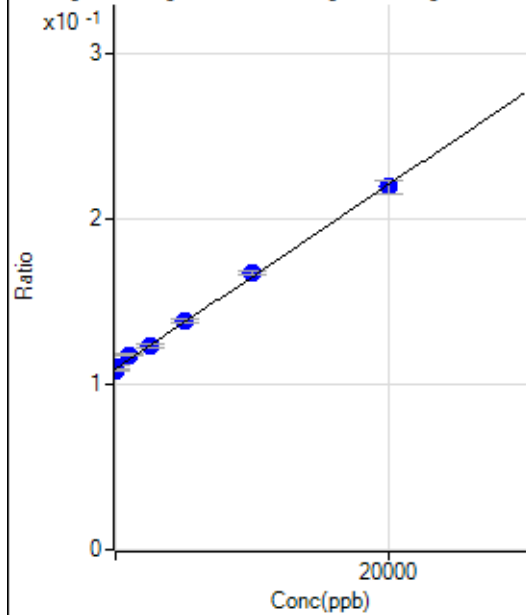
$$R = 1.0000$$

$$DL = 57.46$$

$$BEC = 128.8$$

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	172.161	427880.71	0.1105	P	2.4
2	☐	0.000	-172.161	433190.28	0.1085	P	1.0
3	☐	1000.000	1536.022	456255.08	0.1181	P	1.7
4	☐	2500.000	2505.846	490383.55	0.1235	P	1.4
5	☐	5000.000	5211.712	546951.52	0.1386	P	1.0
6	☐	10000.000	10377.744	659110.51	0.1674	P	1.7
7	☐	20000.000	19730.668	885228.68	0.2195	P	3.9
8	☐			401680.77	0.1044	P	0.7

$$y = 5.5755\text{E-}006 * x + 0.1095$$

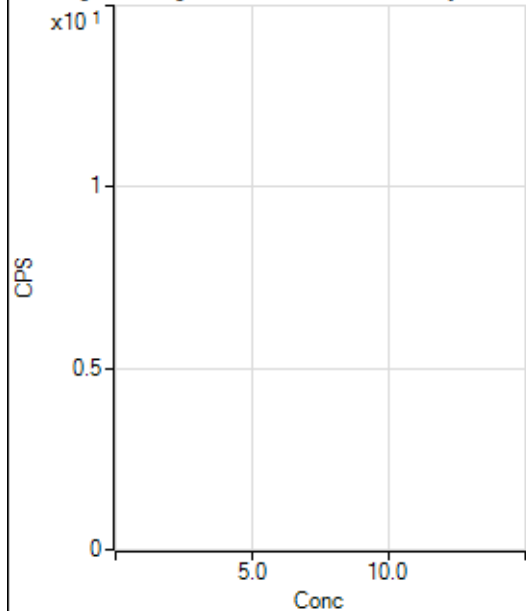
$$R = 0.9993$$

$$DL = 993.9$$

$$BEC = 1.964\text{E}+04$$

Weight: <None>

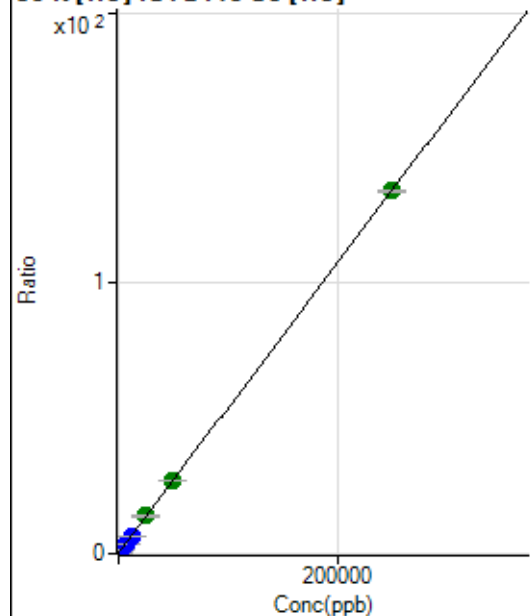
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155882.62		P	0.5
2	☐			160838.54		P	0.6
3	☐			162475.66		P	0.7
4	☐			162375.01		P	0.1
5	☐			160016.37		P	0.5
6	☐			158973.61		P	0.3
7	☐			156986.60		P	1.3
8	☐			154930.26		P	0.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1055.62		P	4.5
2	☐			977.84		P	11.3
3	☐			1027.85		P	5.2
4	☐			886.16		P	8.0
5	☐			1116.74		P	6.5
6	☐			919.50		P	11.3
7	☐			991.73		P	8.3
8	☐			1025.06		P	4.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28503.75	0.2252	P	2.1
2	☐	500.000	503.906	63119.11	0.4953	P	3.5
3	☐	2500.000	2569.134	204062.88	1.6023	P	3.5
4	☐	6250.000	6304.145	457015.92	3.6044	P	1.1
5	☐	12500.000	12007.038	871853.60	6.6613	P	2.7
6	☐	25000.000	25607.610	1754548.93	13.9515	A	1.6
7	☐	50000.000	49543.806	3357705.50	26.7819	A	0.4
8	☐	250000.00	250053.07	16287137.69	134.2598	A	0.6

$$y = 5.3602E-004 * x + 0.2252$$

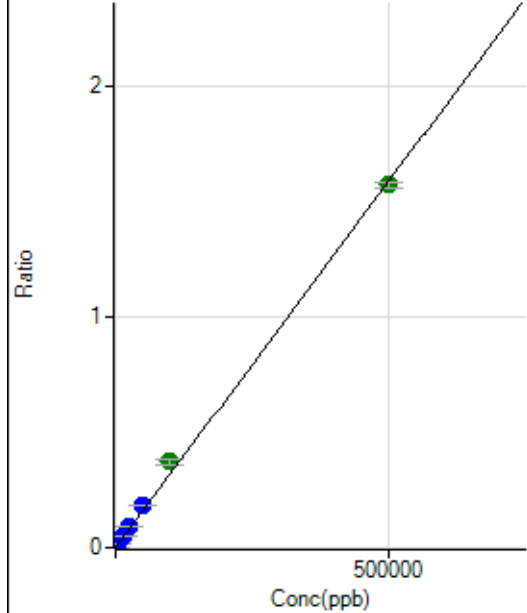
$$R = 1.0000$$

$$DL = 26.96$$

$$BEC = 420.1$$

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	123.74	0.0000	P	8.6
2	☐	500.000	527.728	6810.36	0.0017	P	1.3
3	☐	5000.000	6187.460	75989.27	0.0197	P	2.4
4	☐	12500.000	14562.388	183651.19	0.0462	P	0.5
5	☐	25000.000	29391.731	368273.08	0.0933	P	0.7
6	☐	50000.000	58167.669	726964.64	0.1846	P	2.4
7	☐	100000.00	117132.17	1498376.78	0.3717	A	5.7
8	☐	500000.00	495473.74	6047205.94	1.5723	A	1.3

$$y = 3.1732\text{E-}006 * x + 3.1904\text{E-}005$$

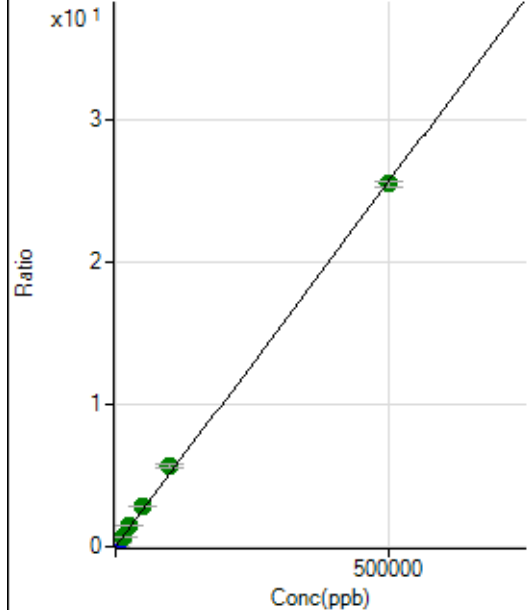
$$R = 0.9993$$

$$DL = 2.598$$

$$BEC = 10.05$$

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	16073.20	0.0041	P	2.0
2	☐	500.000	526.907	124133.22	0.0311	P	0.1
3	☐	5000.000	5875.144	1177379.73	0.3047	P	2.3
4	☐	12500.000	14052.423	2871414.93	0.7230	A	1.5
5	☐	25000.000	28184.508	5707494.23	1.4459	A	1.8
6	☐	50000.000	55423.273	11179489.66	2.8394	A	3.3
7	☐	100000.00	110143.50	22738772.48	5.6386	A	3.9
8	☐	500000.00	497222.15	97853907.59	25.4399	A	1.3

$$y = 5.1156\text{E-}005 * x + 0.0041$$

$$R = 0.9998$$

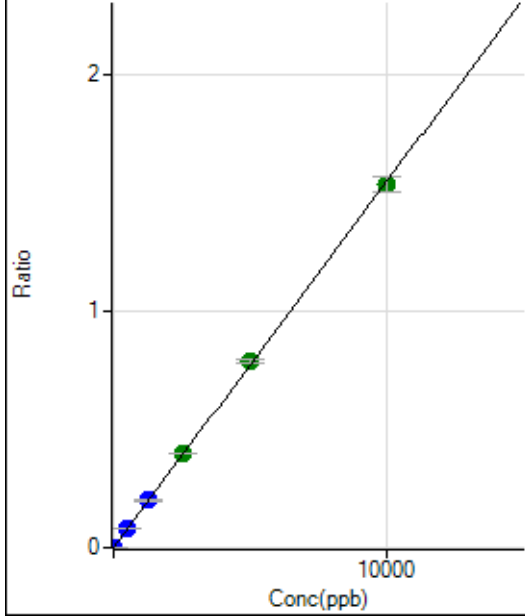
$$DL = 4.857$$

$$BEC = 81.11$$

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	113.89	0.0000	P	14.3
2	☐	5.000	5.290	3381.04	0.0008	P	1.2
3	☐	500.000	539.051	322074.89	0.0834	P	3.2
4	☐	1250.000	1288.446	791205.75	0.1992	P	0.5
5	☐	2500.000	2584.054	1576996.68	0.3995	A	0.8
6	☐	5000.000	5112.271	3112385.57	0.7903	A	2.0
7	☐	10000.000	9916.093	6181197.71	1.5330	A	4.4
8	☐			1038.96	0.0003	P	9.7

$$y = 1.5459\text{E-}004 * x + 2.9369\text{E-}005$$

$$R = 0.9999$$

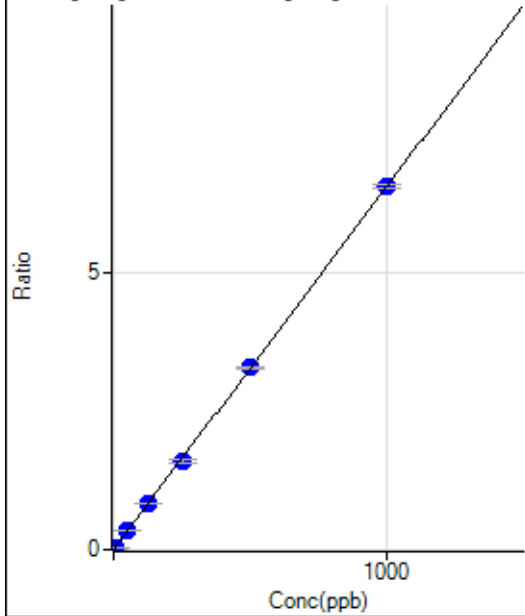
$$DL = 0.08123$$

$$BEC = 0.19$$

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	5.56	0.0000	P	173.2
2	☐	5.000	5.128	4292.91	0.0337	P	3.8
3	☐	50.000	51.528	43062.36	0.3381	P	2.9
4	☐	125.000	126.621	105322.07	0.8307	P	1.9
5	☐	250.000	243.801	209308.01	1.5994	P	3.4
6	☐	500.000	502.275	414356.48	3.2950	P	0.7
7	☐	1000.000	1000.133	822534.05	6.5610	P	1.2
8	☐			284.45	0.0023	P	3.1

$$y = 0.0066 * x + 4.3312\text{E-}005$$

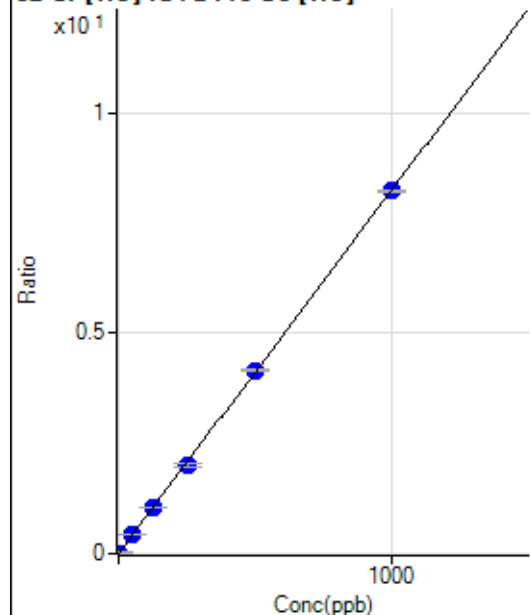
$$R = 1.0000$$

$$DL = 0.03431$$

$$BEC = 0.006602$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	593.35	0.0047	P	2.4
2	☐	2.000	2.074	2773.63	0.0218	P	6.3
3	☐	50.000	52.162	55327.63	0.4345	P	3.9
4	☐	125.000	127.239	133521.68	1.0531	P	1.2
5	☐	250.000	243.167	262812.37	2.0083	P	3.5
6	☐	500.000	504.821	523663.82	4.1641	P	1.1
7	☐	1000.000	998.910	1032431.15	8.2352	P	0.8
8	☐			8391.43	0.0692	P	1.5

$$y = 0.0082 * x + 0.0047$$

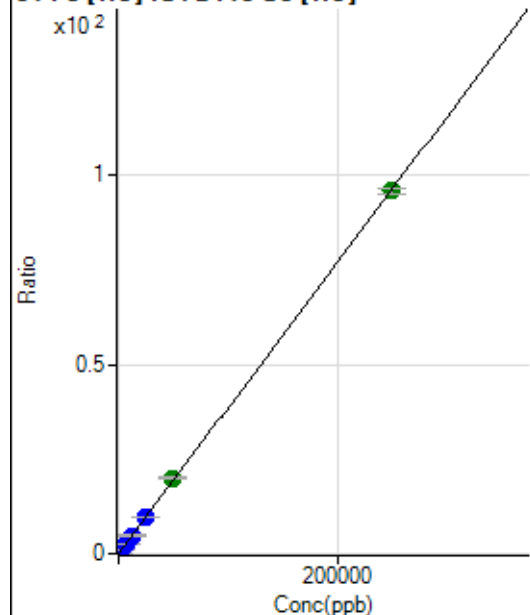
$$R = 0.9999$$

$$DL = 0.04142$$

$$BEC = 0.5689$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	607.43	0.0048	P	6.8
2	☐	50.000	53.438	3233.76	0.0254	P	0.2
3	☐	2500.000	2639.958	129969.48	1.0204	P	2.7
4	☐	6250.000	6511.859	318236.48	2.5098	P	0.7
5	☐	12500.000	12518.683	630929.37	4.8206	P	2.8
6	☐	25000.000	25310.163	1225000.61	9.7414	P	0.6
7	☐	50000.000	52208.282	2518563.86	20.0888	A	0.5
8	☐	250000.00	249518.44	11644955.00	95.9922	A	1.9

$$y = 3.8469E-004 * x + 0.0048$$

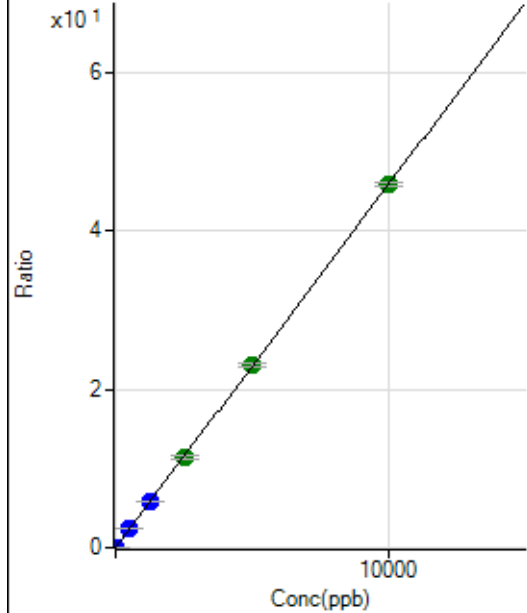
$$R = 1.0000$$

$$DL = 2.561$$

$$BEC = 12.47$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	70.00	0.0006	P	23.5
2	☐	1.000	1.105	716.69	0.0056	P	1.9
3	☐	500.000	512.853	299700.65	2.3532	P	3.7
4	☐	1250.000	1264.148	735379.82	5.7997	P	0.7
5	☐	2500.000	2476.337	1486742.86	11.3604	A	3.3
6	☐	5000.000	5026.568	2899720.06	23.0592	A	1.2
7	☐	10000.000	9990.220	5745539.91	45.8293	A	1.0
8	☐			2842.54	0.0234	P	4.2

$$y = 0.0046 * x + 5.5197E-004$$

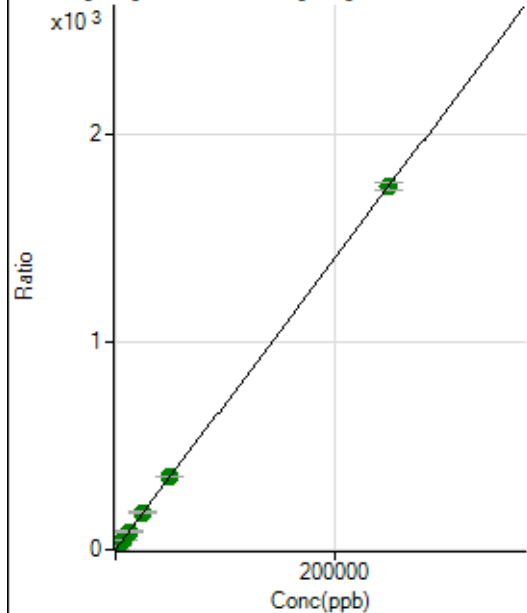
$$R = 1.0000$$

$$DL = 0.0847$$

$$BEC = 0.1203$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3331.92	0.0263	P	1.2
2	☐	50.000	52.471	50067.64	0.3929	P	3.5
3	☐	2500.000	2722.662	2425293.60	19.0463	A	5.4
4	☐	6250.000	6503.976	5764367.84	45.4619	A	0.4
5	☐	12500.000	12536.395	11466428.04	87.6032	A	2.3
6	☐	25000.000	25615.549	22506961.38	178.9717	A	2.0
7	☐	50000.000	50602.628	44321245.90	353.5267	A	0.6
8	☐	250000.00	249807.52	211687101.0	1,745.134	A	2.1

$$y = 0.0070 * x + 0.0263$$

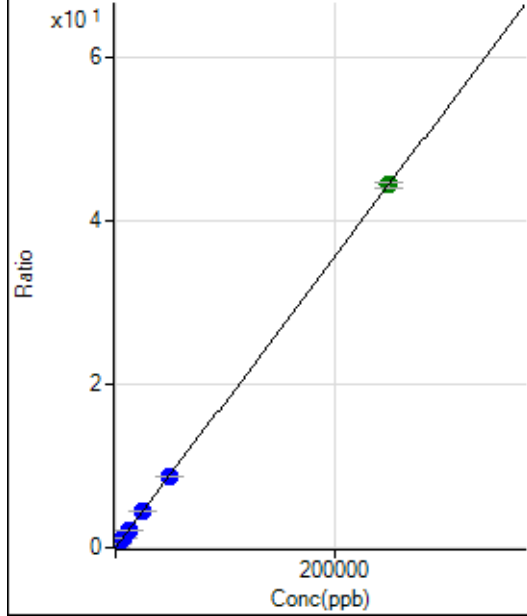
$$R = 1.0000$$

$$DL = 0.1391$$

$$BEC = 3.768$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	127.78	0.0010	P	24.3
2	☐	50.000	52.565	1314.90	0.0103	P	6.9
3	☐	2500.000	2587.530	58540.71	0.4597	P	3.6
4	☐	6250.000	6339.292	142610.06	1.1247	P	0.4
5	☐	12500.000	12243.833	284153.39	2.1713	P	3.8
6	☐	25000.000	24943.676	556142.21	4.4225	P	0.5
7	☐	50000.000	49062.096	1090414.33	8.6978	P	1.2
8	☐	250000.00	250202.91	5380034.72	44.3519	A	1.2

$$y = 1.7726\text{E-}004 * x + 0.0010$$

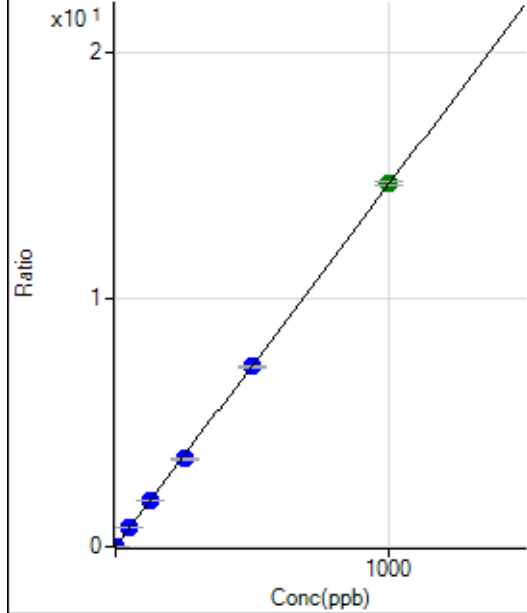
$$R = 1.0000$$

$$DL = 4.143$$

$$BEC = 5.694$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0008	P	32.3
2	☐	1.000	1.017	1994.61	0.0156	P	2.6
3	☐	50.000	51.748	96418.36	0.7569	P	2.6
4	☐	125.000	126.142	233803.95	1.8440	P	1.1
5	☐	250.000	242.360	463575.61	3.5422	P	3.1
6	☐	500.000	497.177	913621.15	7.2655	P	1.0
7	☐	1000.000	1003.091	1837648.26	14.6580	A	1.0
8	☐			1588.99	0.0131	P	3.1

$$y = 0.0146 * x + 7.8827\text{E-}004$$

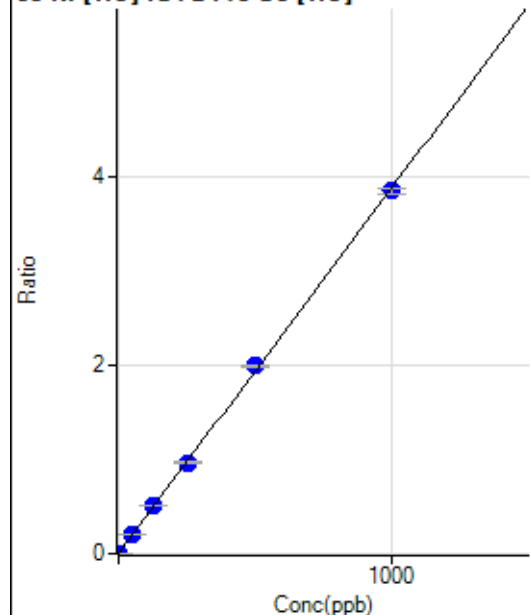
$$R = 1.0000$$

$$DL = 0.05225$$

$$BEC = 0.05395$$

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	298.90	0.0024	P	7.9
2	☐	1.000	1.184	884.48	0.0069	P	4.9
3	☐	50.000	53.097	26481.43	0.2078	P	1.8
4	☐	125.000	130.800	64481.90	0.5086	P	0.9
5	☐	250.000	248.757	126331.13	0.9651	P	1.6
6	☐	500.000	513.158	250026.96	1.9883	P	0.7
7	☐	1000.000	992.852	481999.97	3.8447	P	1.6
8	☐			1683.45	0.0139	P	3.2

$$y = 0.0039 * x + 0.0024$$

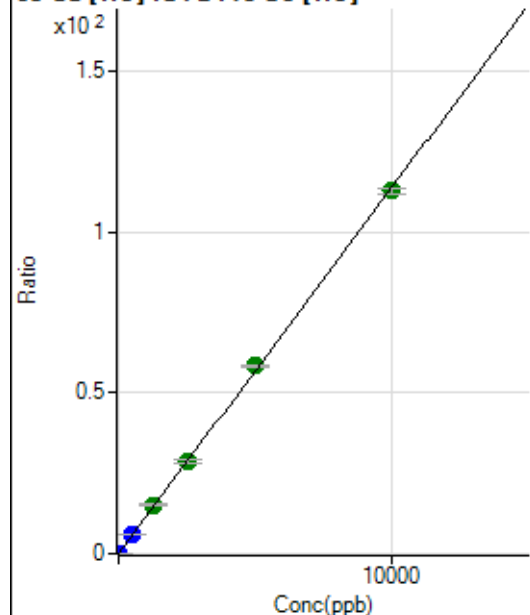
$$R = 0.9999$$

$$DL = 0.145$$

$$BEC = 0.61$$

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	900.04	0.0071	P	5.1
2	☐	2.000	2.105	3959.48	0.0311	P	3.3
3	☐	500.000	533.156	773317.71	6.0718	P	3.5
4	☐	1250.000	1337.411	1929859.99	15.2203	A	0.8
5	☐	2500.000	2517.250	3748866.40	28.6411	A	2.7
6	☐	5000.000	5126.870	7334315.66	58.3258	A	1.1
7	☐	10000.000	9919.669	14146732.71	112.8445	A	1.9
8	☐			3620.50	0.0298	P	1.2

$$y = 0.0114 * x + 0.0071$$

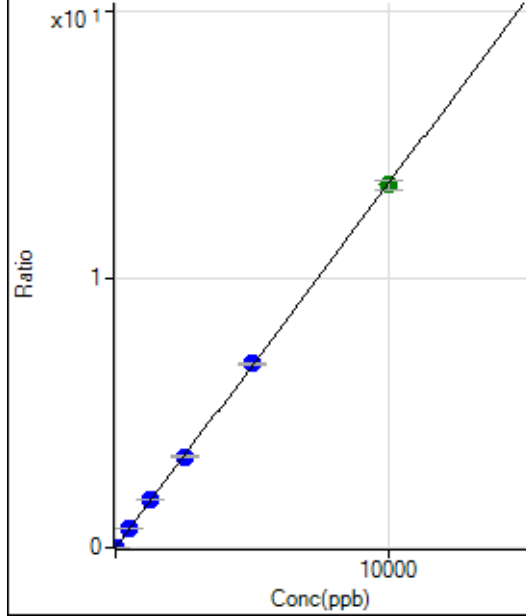
$$R = 0.9999$$

$$DL = 0.09584$$

$$BEC = 0.6253$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0007	P	14.9
2	☐	2.000	2.367	492.24	0.0039	P	12.8
3	☐	500.000	535.128	92573.36	0.7268	P	2.6
4	☐	1250.000	1319.019	227012.80	1.7904	P	0.7
5	☐	2500.000	2507.289	445379.81	3.4027	P	2.3
6	☐	5000.000	5045.081	860871.68	6.8461	P	1.2
7	☐	10000.000	9965.254	1695236.80	13.5221	A	2.3
8	☐			7843.33	0.0647	P	1.1

$$y = 0.0014 * x + 6.5856E-004$$

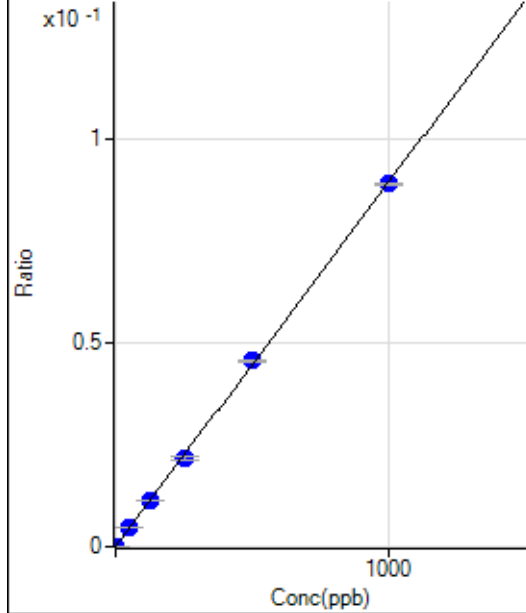
$$R = 1.0000$$

$$DL = 0.2164$$

$$BEC = 0.4854$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.67	0.0000	P	86.6
2	☐	1.000	1.114	108.68	0.0001	P	7.2
3	☐	50.000	53.048	5185.14	0.0047	P	1.5
4	☐	125.000	128.293	12438.72	0.0115	P	0.7
5	☐	250.000	243.999	24383.74	0.0218	P	4.0
6	☐	500.000	509.622	48683.84	0.0455	P	1.5
7	☐	1000.000	996.125	96037.62	0.0890	P	0.8
8	☐			26.00	0.0000	P	14.6

$$y = 8.9336E-005 * x + 6.2322E-007$$

$$R = 0.9999$$

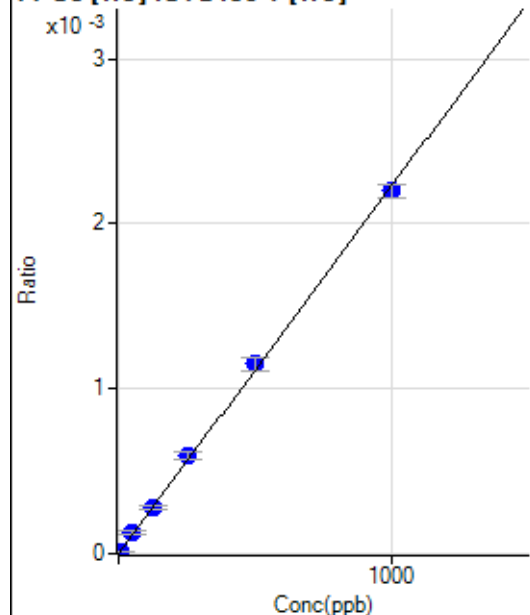
$$DL = 0.01812$$

$$BEC = 0.006976$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.203	7.78	0.0000	P	22.5
3	☐	50.000	56.410	137.78	0.0001	P	17.1
4	☐	125.000	126.307	305.56	0.0003	P	11.0
5	☐	250.000	266.640	664.47	0.0006	P	7.5
6	☐	500.000	516.879	1232.29	0.0012	P	6.7
7	☐	1000.000	986.926	2373.56	0.0022	P	3.8
8	☐			2.22	0.0000	P	173.2

$$y = 2.2285\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

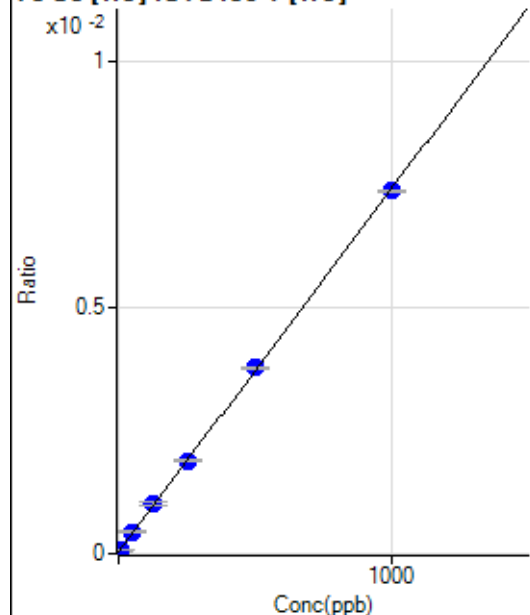
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.00	0.0000	P	20.5
2	☐	5.000	5.210	76.34	0.0001	P	3.8
3	☐	50.000	56.308	488.73	0.0004	P	1.9
4	☐	125.000	132.540	1094.16	0.0010	P	6.9
5	☐	250.000	251.412	2109.04	0.0019	P	2.0
6	☐	500.000	508.074	4037.66	0.0038	P	0.7
7	☐	1000.000	994.351	7941.38	0.0074	P	0.5
8	☐			37.67	0.0000	P	19.4

$$y = 7.3683\text{E-}006 * x + 3.1811\text{E-}005$$

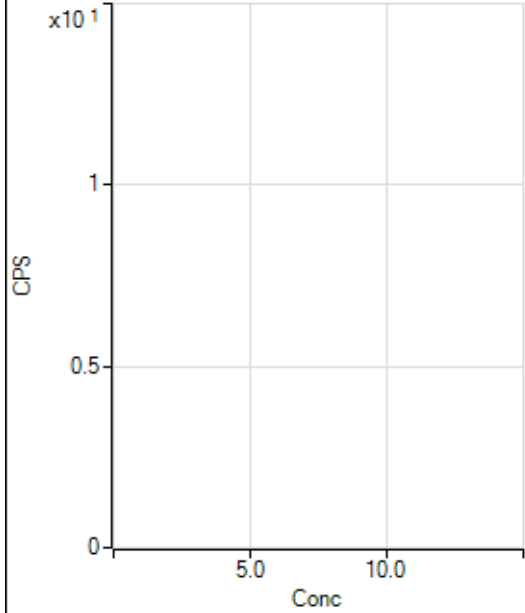
$$R = 0.9999$$

$$DL = 2.649$$

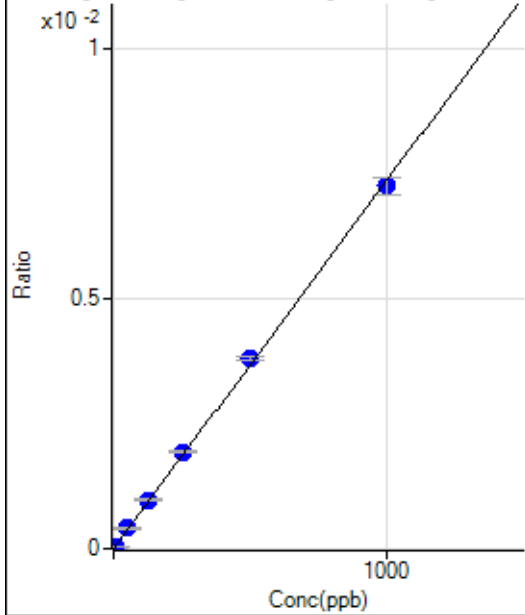
$$BEC = 4.317$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34760.74		P	1.5
2	☐			34574.24		P	0.8
3	☐			35615.82		P	2.8
4	☐			34487.82		P	3.2
5	☐			33947.75		P	1.4
6	☐			33089.87		P	3.0
7	☐			32563.81		P	1.7
8	☐			33053.57		P	0.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-11.67	0.0000	P	-202.
2	☐	5.000	5.726	422.88	0.0000	P	2.7
3	☐	50.000	55.642	4104.33	0.0004	P	8.3
4	☐	125.000	132.960	10099.23	0.0010	P	1.3
5	☐	250.000	263.529	19861.91	0.0019	P	1.3
6	☐	500.000	517.711	39189.60	0.0038	P	1.3
7	☐	1000.000	986.481	76922.18	0.0072	P	4.6
8	☐			63.75	0.0000	P	32.5

$$y = 7.3456\text{E-}006 * x - 1.1257\text{E-}006$$

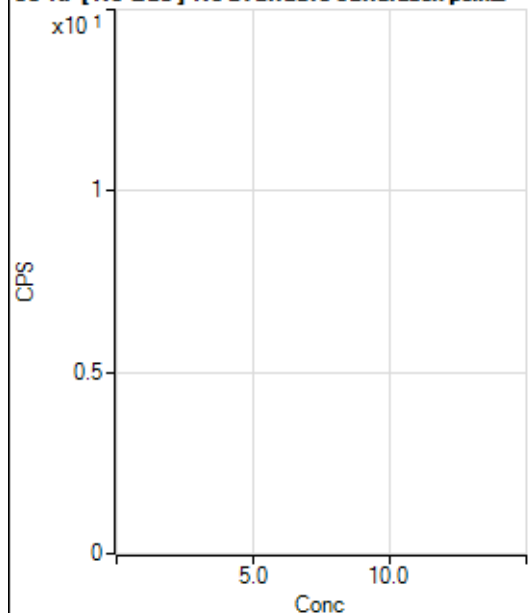
$$R = 0.9997$$

$$DL = 0.931$$

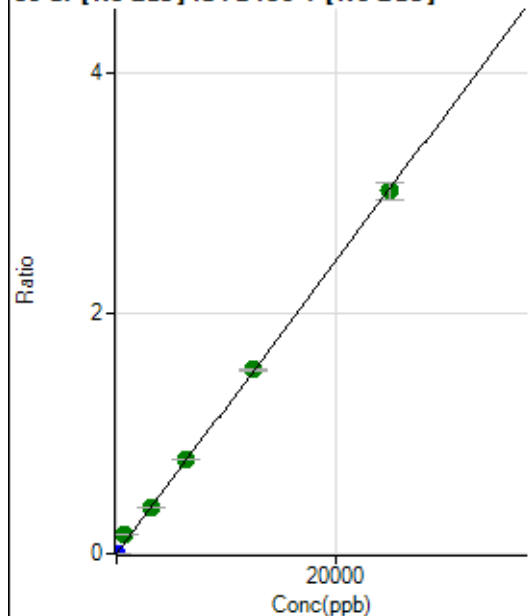
$$BEC = -0.1533$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			231.64		P	6.7
2	☐			253.30		P	8.8
3	☐			223.72		P	2.9
4	☐			230.39		P	5.5
5	☐			254.55		P	10.9
6	☐			214.98		P	5.0
7	☐			247.06		P	11.7
8	☐			234.56		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.90	0.0000	P	12.3
2	☐	1.000	1.102	1750.16	0.0002	P	1.7
3	☐	625.000	1335.332	1630631.67	0.1618	A	4.7
4	☐	3125.000	3178.343	3986510.25	0.3851	A	1.2
5	☐	6250.000	6428.097	7995537.33	0.7788	A	1.0
6	☐	12500.000	12616.613	15755792.54	1.5285	A	1.5
7	☐	25000.000	24872.743	31991374.67	3.0132	A	4.6
8	☐			9206.22	0.0009	P	7.5

$$y = 1.2114\text{E-}004 * x + 3.5861\text{E-}005$$

$$R = 0.9996$$

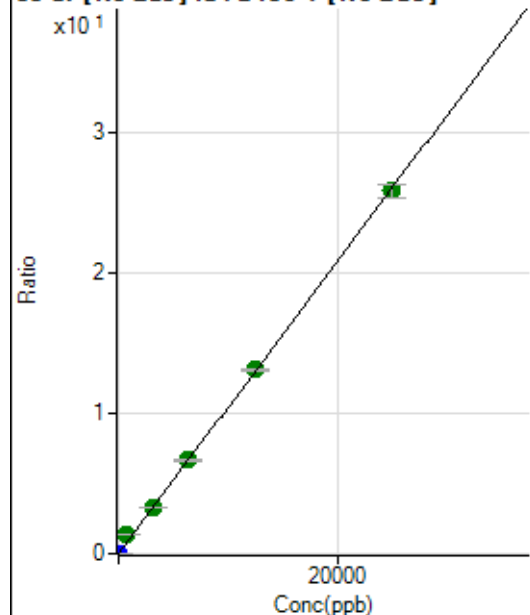
$$DL = 0.1095$$

$$BEC = 0.296$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0000	P	25.8
2	☐	1.000	1.047	11454.99	0.0011	P	2.6
3	☐	625.000	1339.815	14060350.49	1.3950	A	4.2
4	☐	3125.000	3201.841	34511957.72	3.3338	A	1.2
5	☐	6250.000	6412.046	68542018.20	6.6762	A	1.0
6	☐	12500.000	12637.082	135639209.9	13.1577	A	0.9
7	☐	25000.000	24863.472	274916870.0	25.8877	A	3.7
8	☐			74639.71	0.0074	P	5.2

$$y = 0.0010 * x + 1.8643E-005$$

$$R = 0.9996$$

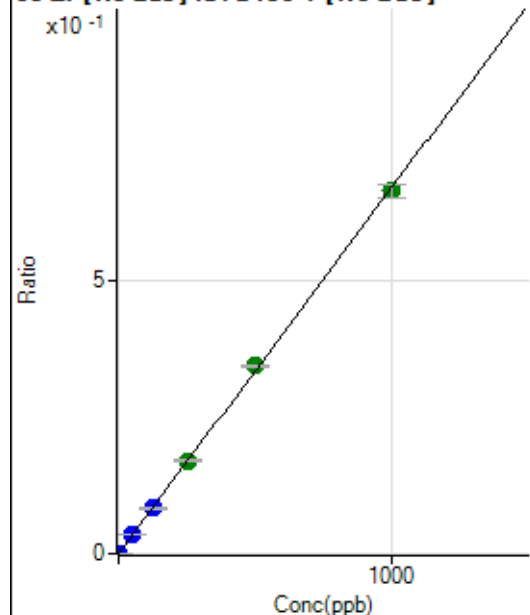
$$DL = 0.01384$$

$$BEC = 0.01791$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.02	0.0000	P	18.2
2	☐	1.000	0.946	6960.26	0.0007	P	4.1
3	☐	50.000	53.796	362464.37	0.0360	P	4.6
4	☐	125.000	124.017	857762.71	0.0829	P	1.3
5	☐	250.000	253.793	1740599.06	0.1695	A	1.4
6	☐	500.000	514.294	3540724.43	0.3435	A	1.0
7	☐	1000.000	991.838	7033413.70	0.6624	A	4.0
8	☐			1772.41	0.0002	P	13.1

$$y = 6.6778E-004 * x + 4.1820E-005$$

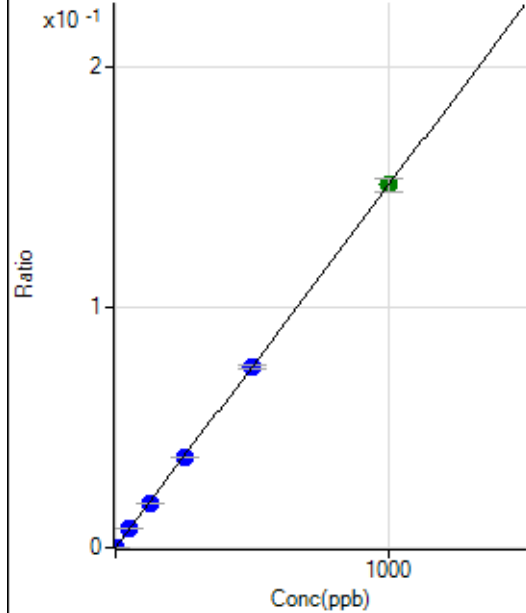
$$R = 0.9998$$

$$DL = 0.03427$$

$$BEC = 0.06263$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	44.6
2	☐	1.000	0.885	1455.67	0.0001	P	4.7
3	☐	50.000	52.019	78999.39	0.0078	P	4.4
4	☐	125.000	121.401	189245.26	0.0183	P	1.0
5	☐	250.000	248.320	383819.75	0.0374	P	1.1
6	☐	500.000	498.734	773858.26	0.0751	P	1.5
7	☐	1000.000	1001.402	1600651.73	0.1507	A	4.0
8	☐			394.46	0.0000	P	6.9

$$y = 1.5051\text{E-}004 * x + 7.6887\text{E-}006$$

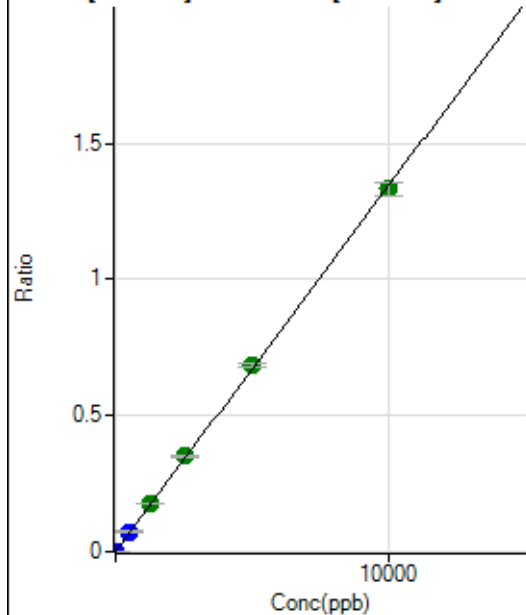
$$R = 1.0000$$

$$DL = 0.06831$$

$$BEC = 0.05108$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	37.8
2	☐	5.000	5.897	8324.91	0.0008	P	5.4
3	☐	500.000	542.254	734628.16	0.0729	P	3.8
4	☐	1250.000	1294.483	1800977.19	0.1740	A	0.6
5	☐	2500.000	2607.369	3597156.55	0.3504	A	1.2
6	☐	5000.000	5099.479	7063928.54	0.6852	A	1.7
7	☐	10000.000	9915.745	14149527.57	1.3324	A	3.6
8	☐			3167.16	0.0003	P	17.1

$$y = 1.3437\text{E-}004 * x + 1.3728\text{E-}005$$

$$R = 0.9999$$

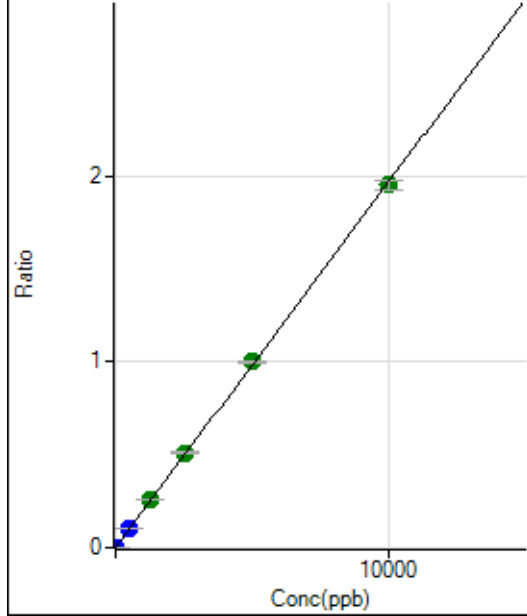
$$DL = 0.1159$$

$$BEC = 0.1022$$

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	38.89	0.0000	P	43.9
2	☐	5.000	4.997	10195.65	0.0010	P	2.0
3	☐	500.000	535.133	1061138.70	0.1053	P	4.4
4	☐	1250.000	1304.270	2656402.32	0.2566	A	1.5
5	☐	2500.000	2589.816	5230731.84	0.5095	A	1.9
6	☐	5000.000	5090.845	10325715.68	1.0016	A	0.9
7	☐	10000.000	9923.583	20737021.99	1.9524	A	3.0
8	☐			4295.24	0.0004	P	14.3

$$y = 1.9674\text{E-}004 * x + 3.8242\text{E-}006$$

$$R = 0.9999$$

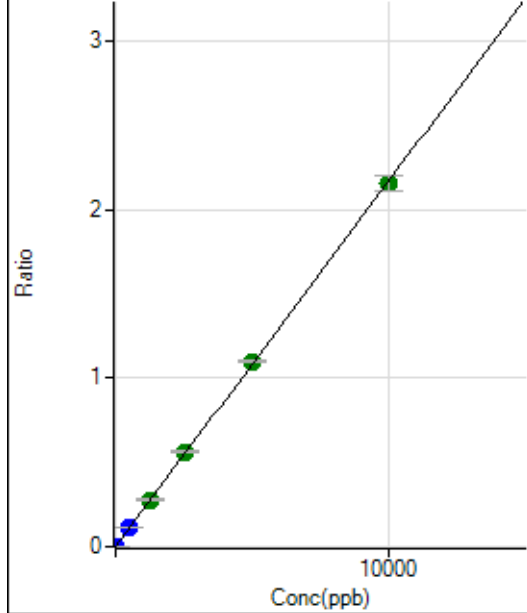
$$DL = 0.02558$$

$$BEC = 0.01944$$

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	66.67	0.0000	P	44.4
2	☐	5.000	5.148	11582.94	0.0011	P	1.7
3	☐	500.000	537.526	1173236.24	0.1164	P	3.9
4	☐	1250.000	1286.122	2882791.08	0.2785	A	2.6
5	☐	2500.000	2597.575	5774179.12	0.5625	A	1.6
6	☐	5000.000	5077.316	11332965.01	1.0994	A	1.3
7	☐	10000.000	9930.557	22833602.94	2.1503	A	4.3
8	☐			6965.83	0.0007	P	8.8

$$y = 2.1653\text{E-}004 * x + 6.5568\text{E-}006$$

$$R = 0.9999$$

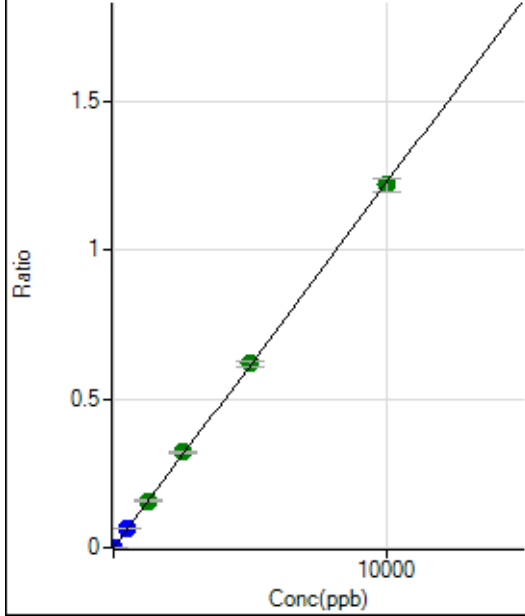
$$DL = 0.04029$$

$$BEC = 0.03028$$

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	19.45	0.0000	P	23.8
2	☐	5.000	5.067	6448.90	0.0006	P	2.7
3	☐	500.000	540.952	669755.05	0.0664	P	3.7
4	☐	1250.000	1277.473	1624230.65	0.1569	A	2.2
5	☐	2500.000	2620.784	3305138.44	0.3219	A	2.2
6	☐	5000.000	5047.438	6389531.05	0.6199	A	2.9
7	☐	10000.000	9940.603	12965155.50	1.2209	A	4.0
8	☐			2711.46	0.0003	P	12.5

$$y = 1.2282\text{E-}004 * x + 1.9123\text{E-}006$$

$$R = 0.9999$$

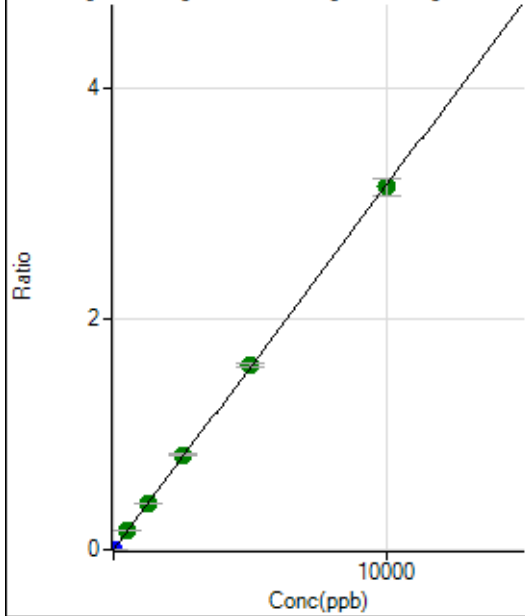
$$DL = 0.01113$$

$$BEC = 0.01557$$

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	63.89	0.0000	P	60.1
2	☐	5.000	4.983	16365.54	0.0016	P	3.7
3	☐	500.000	540.389	1725118.83	0.1711	A	3.8
4	☐	1250.000	1271.502	4168620.49	0.4027	A	1.4
5	☐	2500.000	2604.097	8466143.33	0.8247	A	1.8
6	☐	5000.000	5041.896	16458202.27	1.5967	A	2.3
7	☐	10000.000	9948.321	33449536.86	3.1506	A	4.7
8	☐			6715.80	0.0007	P	12.4

$$y = 3.1670\text{E-}004 * x + 6.3259\text{E-}006$$

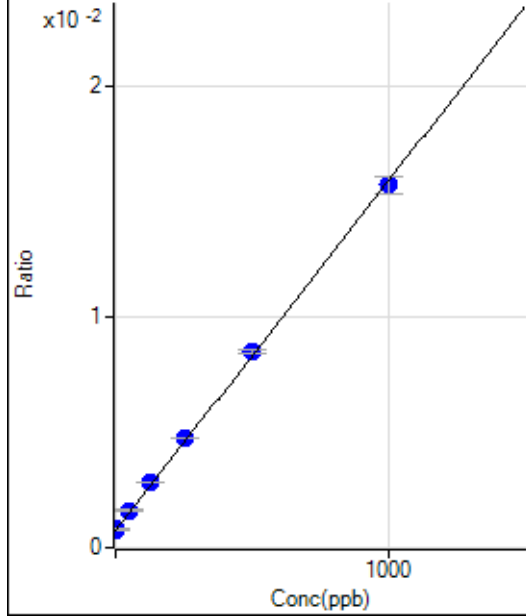
$$R = 0.9999$$

$$DL = 0.03603$$

$$BEC = 0.01997$$

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	5390.09	0.0007	P	4.4
2	☐	1.000	3.872	5856.98	0.0008	P	4.8
3	☐	50.000	57.874	11719.20	0.0016	P	3.0
4	☐	125.000	137.935	20729.99	0.0028	P	2.7
5	☐	250.000	264.406	35039.92	0.0047	P	0.9
6	☐	500.000	511.782	63672.62	0.0085	P	2.7
7	☐	1000.000	988.494	122638.47	0.0157	P	4.5
8	☐			5684.66	0.0008	P	5.0

$$y = 1.5131\text{E-}005 * x + 7.4182\text{E-}004$$

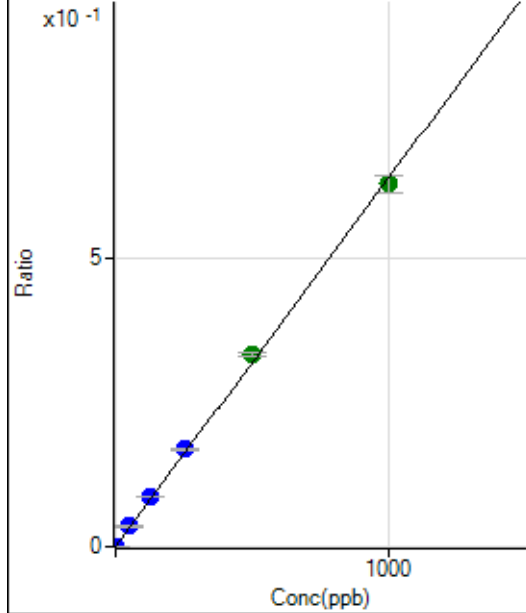
$$R = 0.9998$$

$$DL = 6.415$$

$$BEC = 49.03$$

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	75.00	0.0000	P	29.7
2	☐	1.000	1.140	5398.43	0.0007	P	5.1
3	☐	50.000	55.555	256798.77	0.0355	P	4.3
4	☐	125.000	135.999	635921.91	0.0868	P	1.9
5	☐	250.000	265.002	1249268.11	0.1691	P	2.4
6	☐	500.000	520.409	2492415.57	0.3321	A	2.0
7	☐	1000.000	984.392	4908008.79	0.6283	A	4.6
8	☐			2264.15	0.0003	P	3.3

$$y = 6.3823\text{E-}004 * x + 1.0328\text{E-}005$$

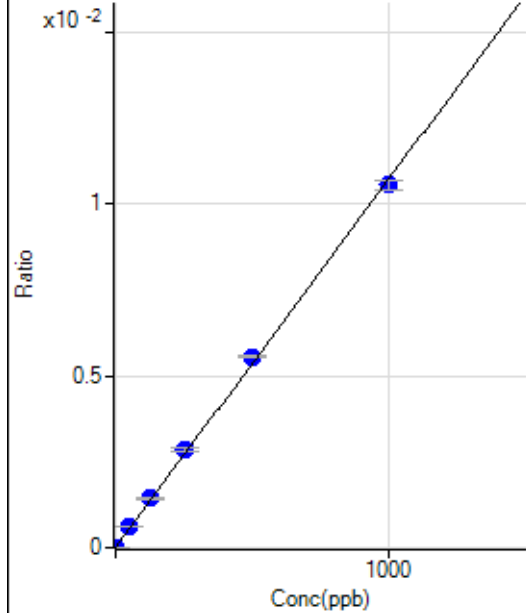
$$R = 0.9995$$

$$DL = 0.01442$$

$$BEC = 0.01618$$

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	25.00	0.0000	P	0.3
2	☐	1.000	1.203	119.44	0.0000	P	7.6
3	☐	50.000	56.968	4435.50	0.0006	P	7.9
4	☐	125.000	133.316	10474.90	0.0014	P	4.0
5	☐	250.000	267.383	21159.45	0.0029	P	2.9
6	☐	500.000	517.878	41618.34	0.0055	P	0.8
7	☐	1000.000	985.327	82436.31	0.0105	P	2.9
8	☐			66.67	0.0000	P	11.6

$$y = 1.0703\text{E-}005 * x + 3.4410\text{E-}006$$

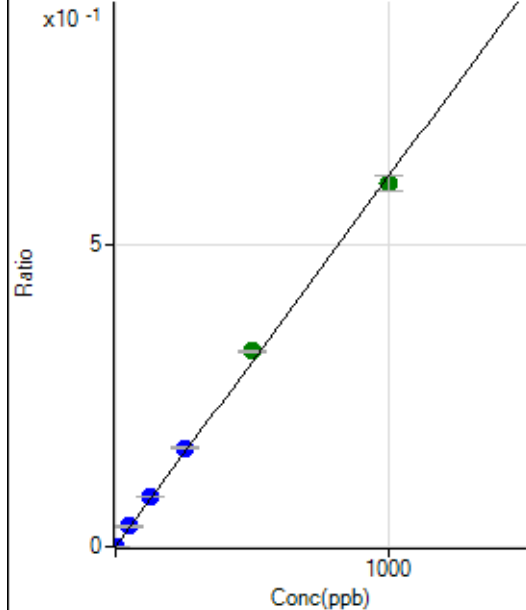
$$R = 0.9996$$

$$DL = 0.003158$$

$$BEC = 0.3215$$

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	36.11	0.0000	P	53.6
2	☐	1.000	1.088	4906.55	0.0007	P	2.6
3	☐	50.000	55.521	245789.47	0.0339	P	4.1
4	☐	125.000	134.560	602578.05	0.0823	P	2.5
5	☐	250.000	266.828	1204837.01	0.1631	P	2.3
6	☐	500.000	528.166	2422829.33	0.3229	A	0.9
7	☐	1000.000	980.239	4681273.11	0.5992	A	4.3
8	☐			2258.58	0.0003	P	9.0

$$y = 6.1130\text{E-}004 * x + 4.9758\text{E-}006$$

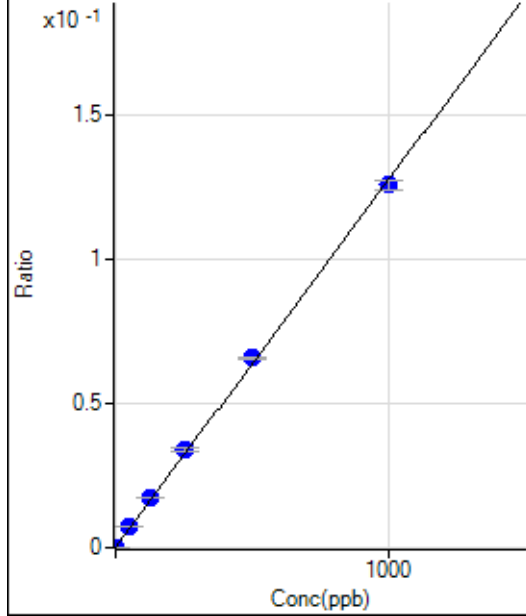
$$R = 0.9992$$

$$DL = 0.0131$$

$$BEC = 0.00814$$

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	538.22	0.0001	P	4.5
2	☐	1.000	1.061	1530.82	0.0002	P	7.2
3	☐	50.000	56.406	52577.27	0.0073	P	3.0
4	☐	125.000	136.137	127587.04	0.0174	P	0.9
5	☐	250.000	267.247	251946.11	0.0341	P	2.9
6	☐	500.000	514.924	492737.54	0.0657	P	0.7
7	☐	1000.000	986.514	982541.68	0.1257	P	2.8
8	☐			913.13	0.0001	P	1.5

$$y = 1.2737\text{E-}004 * x + 7.4074\text{E-}005$$

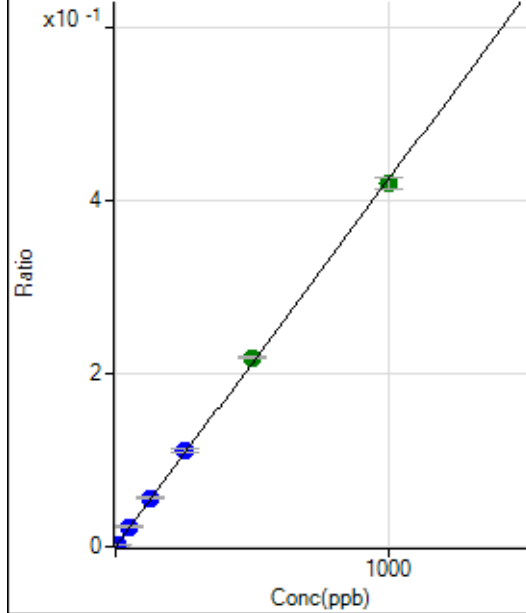
$$R = 0.9996$$

$$DL = 0.07783$$

$$BEC = 0.5815$$

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	516.69	0.0001	P	9.8
2	☐	5.000	5.297	16944.29	0.0023	P	3.2
3	☐	50.000	54.104	166503.93	0.0230	P	4.1
4	☐	125.000	132.964	413224.27	0.0564	P	1.7
5	☐	250.000	262.412	821559.62	0.1113	P	3.2
6	☐	500.000	515.137	1638377.88	0.2183	A	0.9
7	☐	1000.000	988.126	3272110.19	0.4187	A	3.1
8	☐			2033.56	0.0003	P	8.3

$$y = 4.2370\text{E-}004 * x + 7.1102\text{E-}005$$

$$R = 0.9997$$

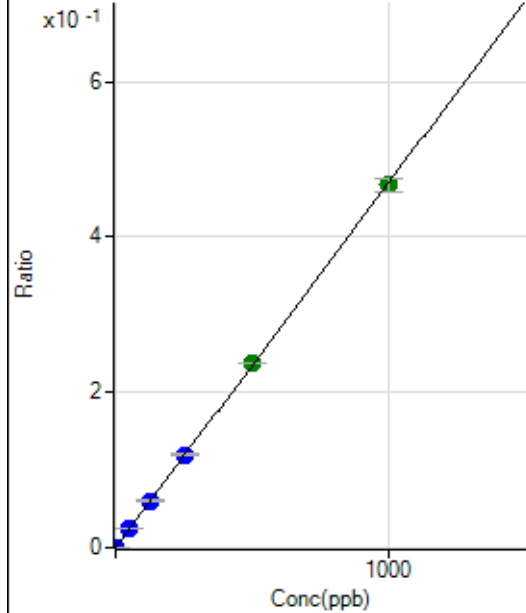
$$DL = 0.04912$$

$$BEC = 0.1678$$

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	38.89	0.0000	P	61.8
2	☐	2.000	2.115	7307.73	0.0010	P	4.0
3	☐	50.000	53.203	180915.50	0.0250	P	5.6
4	☐	125.000	129.023	444029.47	0.0606	P	1.3
5	☐	250.000	255.602	886811.95	0.1201	P	2.4
6	☐	500.000	506.244	1784429.06	0.2378	A	0.5
7	☐	1000.000	994.814	3651206.24	0.4673	A	3.4
8	☐			2000.20	0.0003	P	8.9

$$y = 4.6971E-004 * x + 5.3524E-006$$

$$R = 1.0000$$

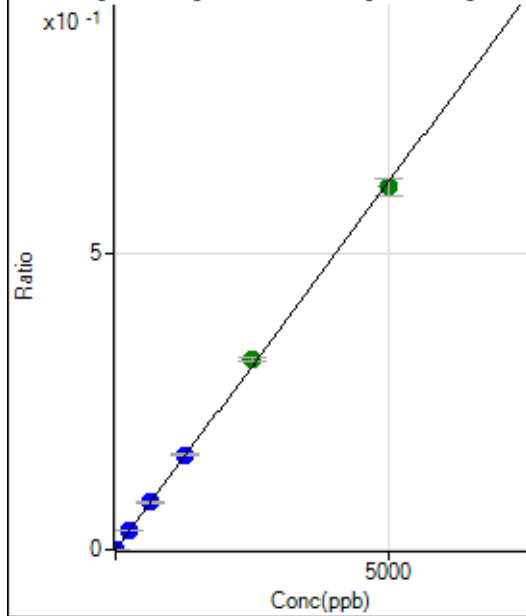
$$DL = 0.02114$$

$$BEC = 0.01139$$

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	19.44	0.0000	P	89.3
2	☐	10.000	10.322	9423.01	0.0013	P	2.2
3	☐	250.000	262.657	236729.12	0.0327	P	3.8
4	☐	625.000	647.116	589946.28	0.0805	P	2.1
5	☐	1250.000	1293.280	1188526.99	0.1610	P	3.4
6	☐	2500.000	2599.162	2427245.97	0.3235	A	2.2
7	☐	5000.000	4936.201	4798972.02	0.6143	A	4.5
8	☐			3030.98	0.0004	P	4.7

$$y = 1.2445E-004 * x + 2.6777E-006$$

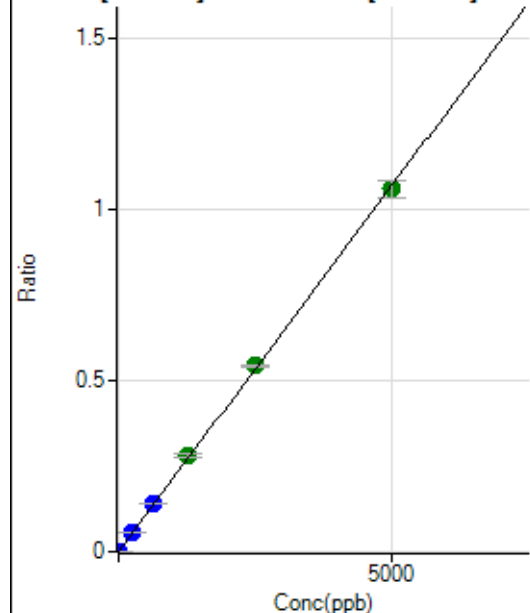
$$R = 0.9997$$

$$DL = 0.05766$$

$$BEC = 0.02152$$

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	27.78	0.0000	P	45.8
2	☐	10.000	10.126	15876.34	0.0022	P	3.5
3	☐	250.000	268.722	416213.47	0.0575	P	4.1
4	☐	625.000	658.229	1031421.16	0.1408	P	1.4
5	☐	1250.000	1310.444	2070236.59	0.2803	A	3.0
6	☐	2500.000	2537.903	4073392.19	0.5428	A	1.2
7	☐	5000.000	4960.847	8289053.40	1.0611	A	4.5
8	☐			5120.58	0.0007	P	4.1

$$y = 2.1389E-004 * x + 3.8247E-006$$

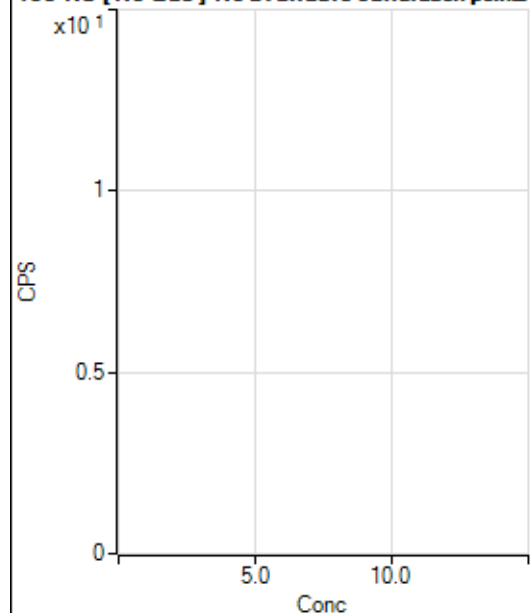
$$R = 0.9999$$

$$DL = 0.02459$$

$$BEC = 0.01788$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

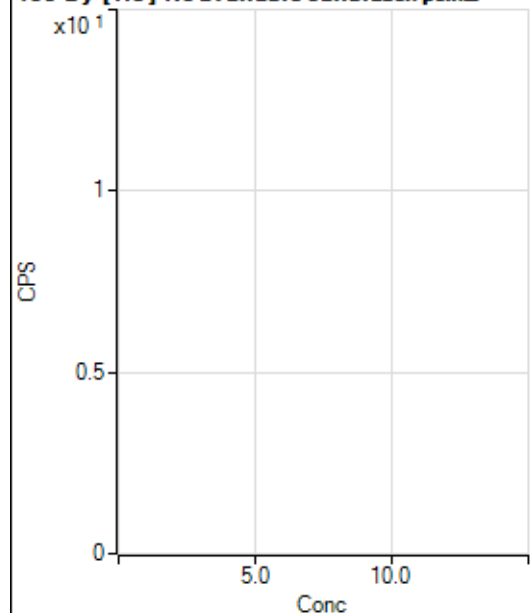
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐			4.44		P	173.2
3	☐			57.78		P	37.1
4	☐			115.56		P	14.5
5	☐			202.23		P	25.2
6	☐			428.91		P	9.4
7	☐			866.71		P	11.6
8	☐			35.56		P	28.6

150 Nd [He] No available calibration points

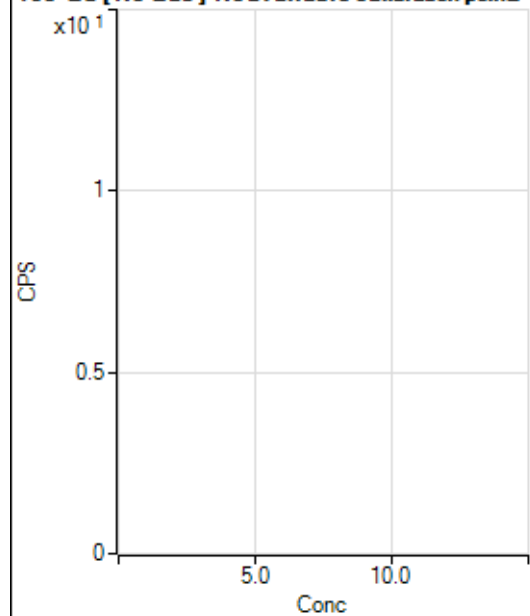
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			1.11		P	173.2
3	☐			4.44		P	43.4
4	☐			4.44		P	114.6
5	☐			12.22		P	15.7
6	☐			26.67		P	12.5
7	☐			46.67		P	14.3
8	☐			10.00		P	33.3

156 Dy [No Gas] No available calibration points

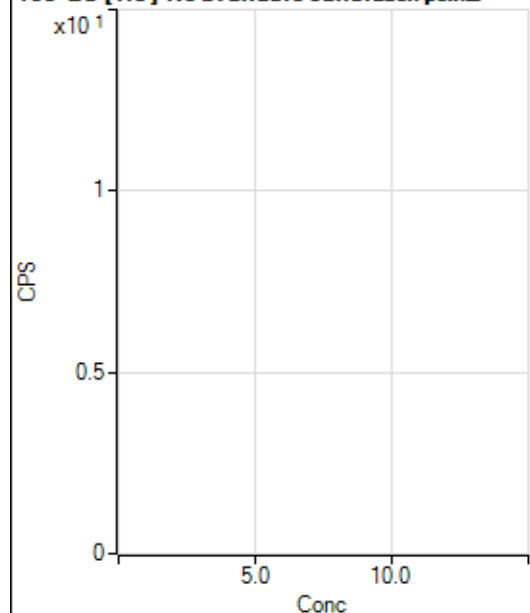
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			8.33		P	100.0
3	☐			30.55		P	15.7
4	☐			38.89		P	12.4
5	☐			100.01		P	14.4
6	☐			158.34		P	19.0
7	☐			369.46		P	9.4
8	☐			858.39		P	12.4

156 Dy [He] No available calibration points

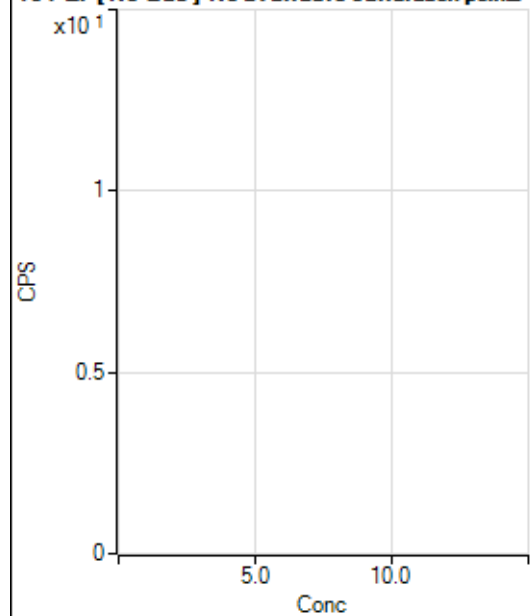
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	173.2
3	☐			17.78		P	57.3
4	☐			14.44		P	58.1
5	☐			21.11		P	18.2
6	☐			73.33		P	12.0
7	☐			137.78		P	9.8
8	☐			352.23		P	3.9

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	6.0
2	☐			86.11		P	11.2
3	☐			91.67		P	9.1
4	☐			125.01		P	37.1
5	☐			125.00		P	26.7
6	☐			152.78		P	22.0
7	☐			338.90		P	16.0
8	☐			1008.40		P	8.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			110.00		P	48.8
2	☐			98.89		P	8.5
3	☐			94.45		P	7.3
4	☐			102.22		P	13.2
5	☐			113.33		P	28.1
6	☐			138.89		P	15.6
7	☐			195.56		P	5.5
8	☐			488.90		P	7.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	48.0
2	☐			50.00		P	16.7
3	☐			52.78		P	32.9
4	☐			52.78		P	24.1
5	☐			41.67		P	34.6
6	☐			91.67		P	18.2
7	☐			138.89		P	36.2
8	☐			75.00		P	22.2

164 Er [He] No available calibration points

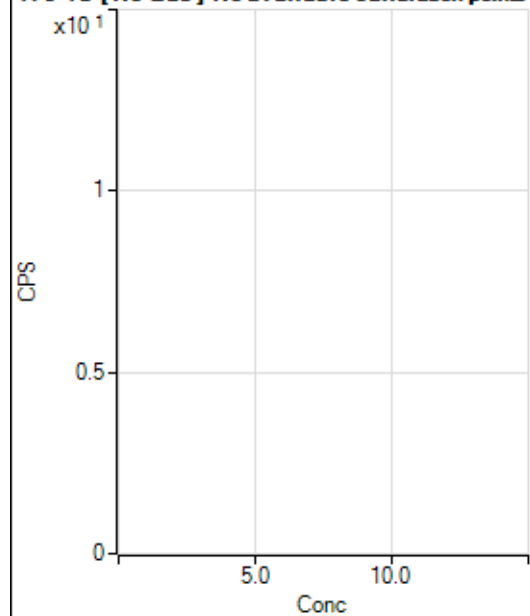
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	27.0
2	☐			14.44		P	35.3
3	☐			30.00		P	22.2
4	☐			18.89		P	27.0
5	☐			25.56		P	19.9
6	☐			24.44		P	61.5
7	☐			46.67		P	37.1
8	☐			26.67		P	33.1

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐			55.56		P	17.3
3	☐			44.45		P	10.8
4	☐			52.78		P	9.1
5	☐			41.67		P	40.0
6	☐			102.78		P	24.8
7	☐			208.34		P	10.6
8	☐			391.69		P	2.1

172 Yb [He] No available calibration points

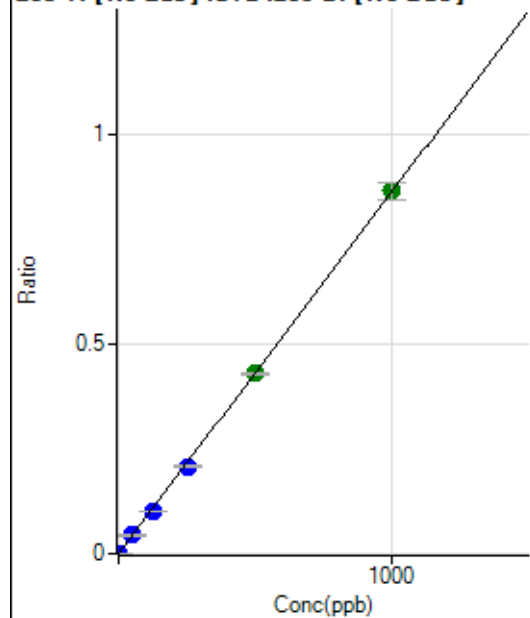
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.97		P	98.9
2	☐			25.93		P	86.6
3	☐			22.22		P	25.0
4	☐			25.93		P	32.7
5	☐			44.44		P	69.6
6	☐			55.56		P	26.5
7	☐			42.59		P	39.8
8	☐			153.71		P	19.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1686.26		P	8.4
2	☐			1747.38		P	2.8
3	☐			2397.52		P	11.2
4	☐			3689.50		P	4.3
5	☐			5904.27		P	1.8
6	☐			10065.21		P	1.9
7	☐			18944.62		P	1.1
8	☐			1905.75		P	4.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6740.74		P	1.3
2	☐			6555.45		P	2.4
3	☐			7035.32		P	2.4
4	☐			7468.91		P	5.4
5	☐			8449.14		P	4.6
6	☐			10637.78		P	3.8
7	☐			13996.51		P	3.2
8	☐			6783.32		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	205.57	0.0000	P	23.9
2	☐	1.000	0.925	4042.40	0.0008	P	3.6
3	☐	50.000	50.496	205378.40	0.0436	P	2.7
4	☐	125.000	118.052	498821.72	0.1020	P	0.6
5	☐	250.000	240.502	1005890.85	0.2077	P	1.7
6	☐	500.000	499.200	2089747.73	0.4311	A	1.2
7	☐	1000.000	1003.618	4330578.09	0.8667	A	4.9
8	☐			919.50	0.0002	P	11.2

$$y = 8.6350E-004 * x + 4.4100E-005$$

$$R = 0.9999$$

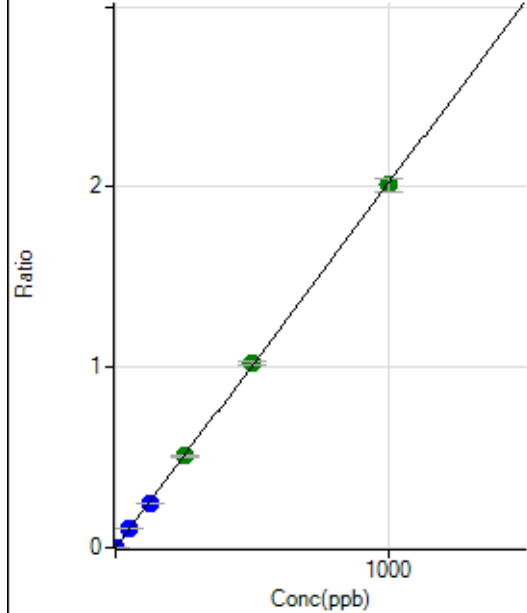
$$DL = 0.03667$$

$$BEC = 0.05107$$

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	458.35	0.0001	P	7.5
2	☐	1.000	0.981	9967.94	0.0021	P	5.5
3	☐	50.000	51.878	493312.44	0.1049	P	3.7
4	☐	125.000	122.132	1206765.33	0.2467	P	1.3
5	☐	250.000	251.779	2462559.86	0.5085	A	2.4
6	☐	500.000	507.873	4971723.07	1.0256	A	2.0
7	☐	1000.000	995.884	10052225.31	2.0111	A	3.4
8	☐			2264.16	0.0005	P	1.6

$$y = 0.0020 * x + 9.8516E-005$$

$$R = 0.9999$$

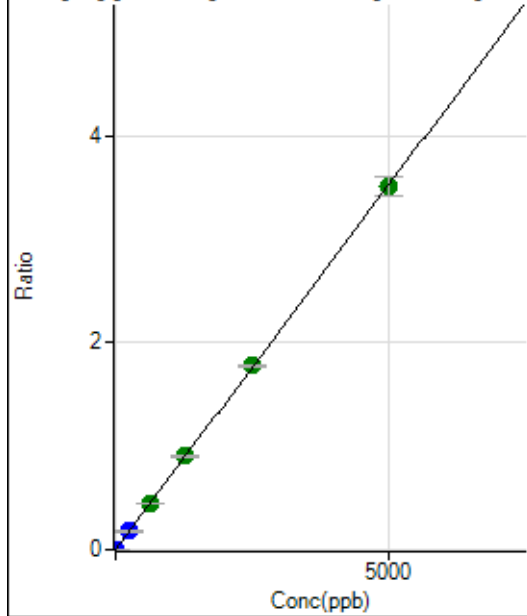
$$DL = 0.01104$$

$$BEC = 0.04879$$

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	503.72	0.0001	P	21.9
2	☐	1.000	0.948	3726.54	0.0008	P	1.0
3	☐	250.000	254.167	843399.55	0.1793	P	3.9
4	☐	625.000	631.609	2178201.63	0.4453	A	2.2
5	☐	1250.000	1283.786	4383134.99	0.9050	A	1.2
6	☐	2500.000	2526.889	8634820.16	1.7813	A	1.3
7	☐	5000.000	4977.075	17529757.80	3.5084	A	5.4
8	☐			3967.36	0.0009	P	9.4

$$y = 7.0490E-004 * x + 1.0836E-004$$

$$R = 1.0000$$

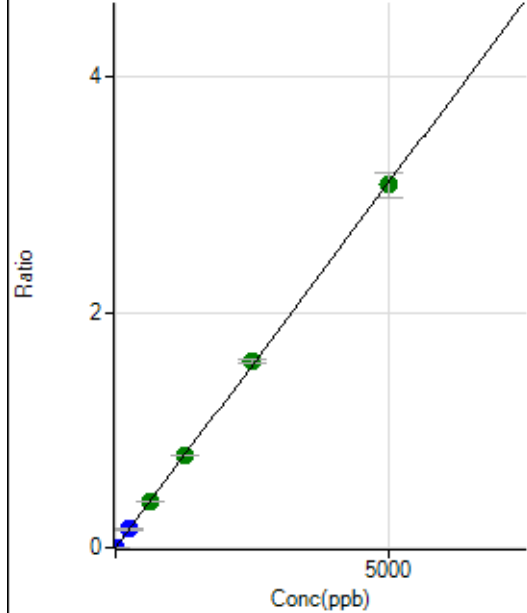
$$DL = 0.1008$$

$$BEC = 0.1537$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	492.61	0.0001	P	14.9
2	☐	1.000	0.970	3393.09	0.0007	P	4.9
3	☐	250.000	253.614	740565.01	0.1574	P	2.9
4	☐	625.000	631.620	1916435.04	0.3918	A	1.2
5	☐	1250.000	1260.616	3786640.59	0.7819	A	1.1
6	☐	2500.000	2550.188	7666891.43	1.5817	A	1.5
7	☐	5000.000	4971.244	15401169.33	3.0831	A	6.5
8	☐			3252.32	0.0007	P	6.9

$$y = 6.2017\text{E-}004 * x + 1.0593\text{E-}004$$

$$R = 0.9999$$

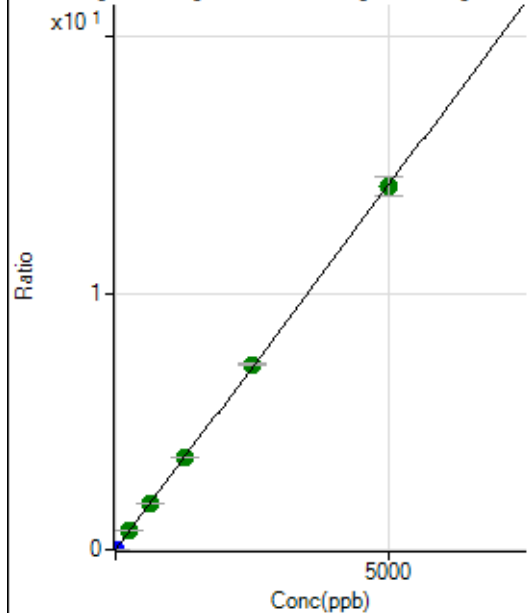
$$DL = 0.07618$$

$$BEC = 0.1708$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2090.85	0.0004	P	2.8
2	☐	1.000	0.970	15370.57	0.0032	P	1.3
3	☐	250.000	258.238	3453749.45	0.7340	A	3.3
4	☐	625.000	631.105	8771303.50	1.7933	A	0.7
5	☐	1250.000	1260.186	17339516.88	3.5803	A	1.2
6	☐	2500.000	2542.963	35019348.82	7.2244	A	0.8
7	☐	5000.000	4974.797	70611297.88	14.1326	A	5.4
8	☐			15227.90	0.0035	P	9.1

$$y = 0.0028 * x + 4.4925\text{E-}004$$

$$R = 0.9999$$

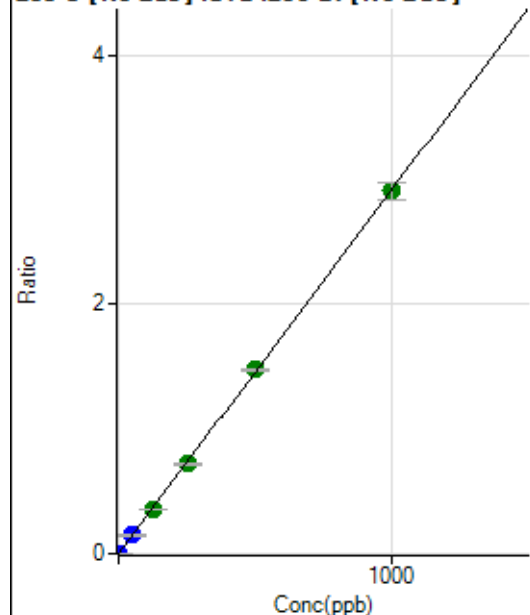
$$DL = 0.0132$$

$$BEC = 0.1581$$

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	94.45	0.0000	P	29.2
2	☐	1.000	0.960	13538.09	0.0028	P	0.9
3	☐	50.000	50.611	695114.54	0.1478	P	4.1
4	☐	125.000	122.151	1744030.09	0.3566	A	1.7
5	☐	250.000	247.726	3502053.16	0.7231	A	2.0
6	☐	500.000	505.767	7156300.77	1.4763	A	1.3
7	☐	1000.000	998.011	14557434.01	2.9132	A	4.9
8	☐			1241.82	0.0003	P	26.4

$$y = 0.0029 * x + 2.0321E-005$$

$$R = 1.0000$$

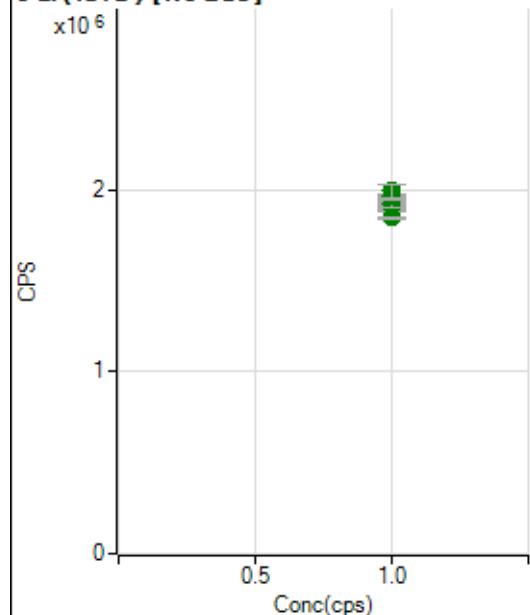
$$DL = 0.00609$$

$$BEC = 0.006962$$

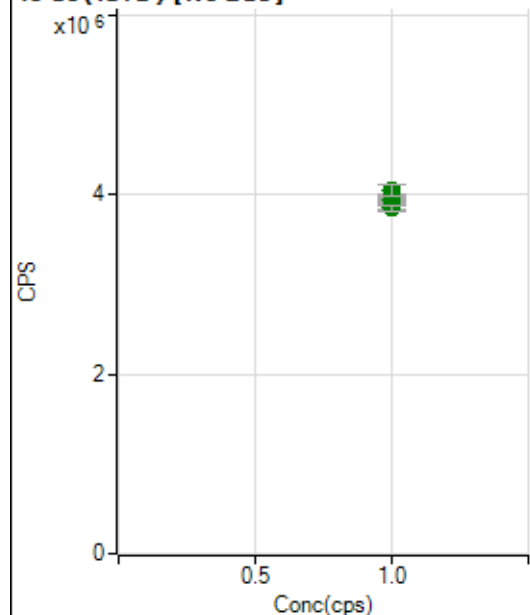
Weight: <None>

Min Conc: 0

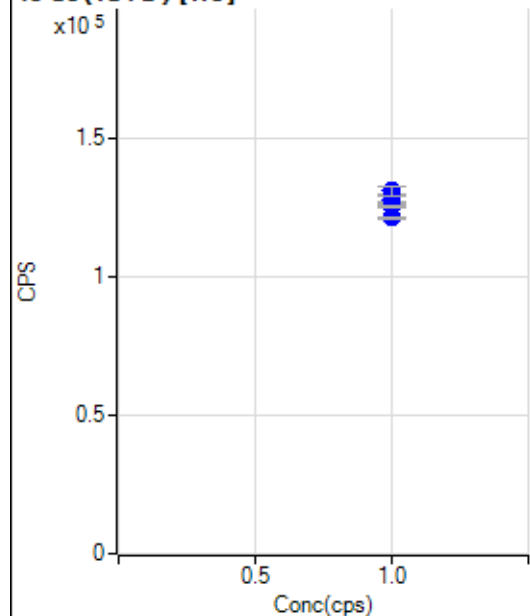
6 Li (ISTD) [No Gas]



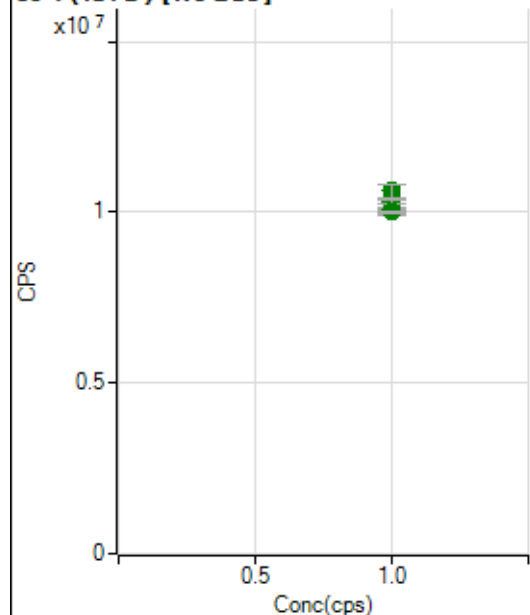
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1897963.67		A	1.1
2	☐	1.000		1957914.29		A	0.4
3	☐	1.000		1905399.24		A	2.4
4	☐	1.000		1941617.23		A	1.6
5	☐	1.000		1925508.01		A	2.6
6	☐	1.000		1958662.03		A	1.1
7	☐	1.000		1991868.25		A	3.9
8	☐	1.000		1844683.49		A	0.8

45 Sc (ISTD) [No Gas]

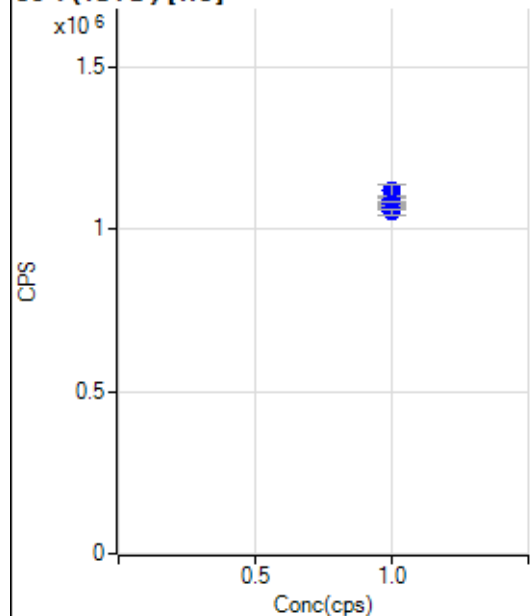
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3874787.13		A	2.2
2	☐	1.000		3990971.16		A	0.9
3	☐	1.000		3865164.04		A	1.9
4	☐	1.000		3971687.51		A	0.6
5	☐	1.000		3947496.30		A	0.9
6	☐	1.000		3938977.23		A	2.0
7	☐	1.000		4035952.44		A	3.3
8	☐	1.000		3846642.93		A	1.5

45 Sc (ISTD) [He]

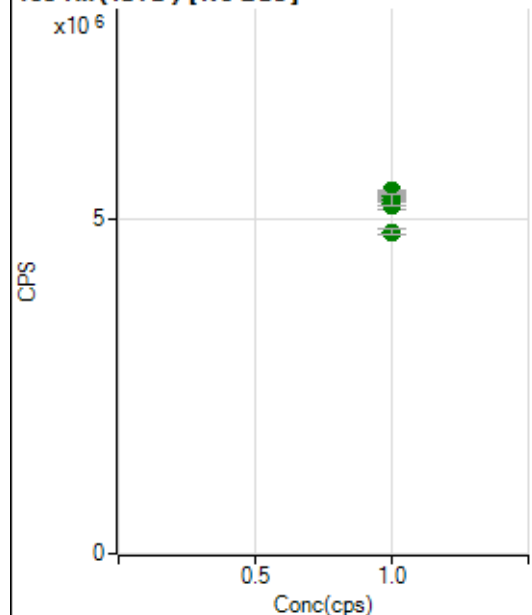
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		126587.91		P	1.2
2	☐	1.000		127540.94		P	3.6
3	☐	1.000		127444.57		P	3.1
4	☐	1.000		126795.91		P	0.4
5	☐	1.000		130935.01		P	2.3
6	☐	1.000		125755.77		P	1.1
7	☐	1.000		125370.80		P	0.4
8	☐	1.000		121308.41		P	0.6

89 Y (ISTD) [No Gas]

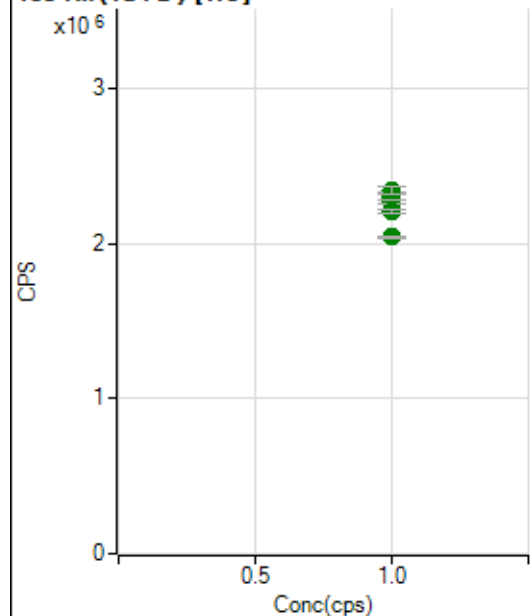
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10157128.88		A	1.7
2	☐	1.000		10331319.22		A	1.1
3	☐	1.000		10088550.41		A	3.4
4	☐	1.000		10353703.60		A	1.7
5	☐	1.000		10268107.97		A	2.1
6	☐	1.000		10309335.12		A	1.3
7	☐	1.000		10629015.74		A	3.7
8	☐	1.000		10025103.18		A	0.5

89 Y (ISTD) [He]

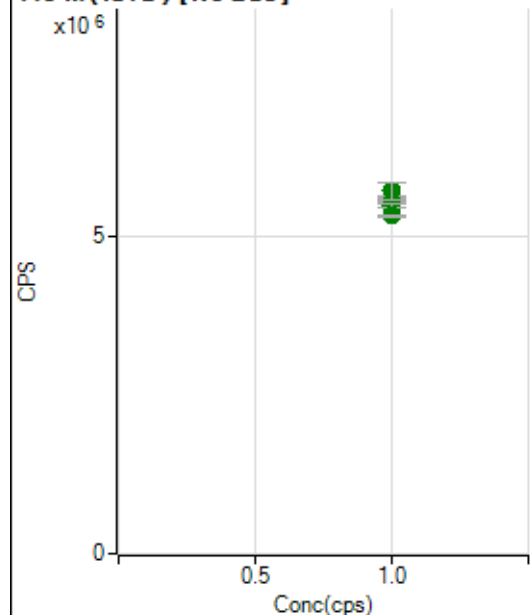
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1068628.30		P	0.2
2	☐	1.000		1086871.37		P	2.5
3	☐	1.000		1094078.47		P	1.5
4	☐	1.000		1085248.65		P	0.5
5	☐	1.000		1119583.60		P	3.3
6	☐	1.000		1069421.24		P	1.1
7	☐	1.000		1079209.10		P	0.7
8	☐	1.000		1053582.13		P	1.3

103 Rh (ISTD) [No Gas]

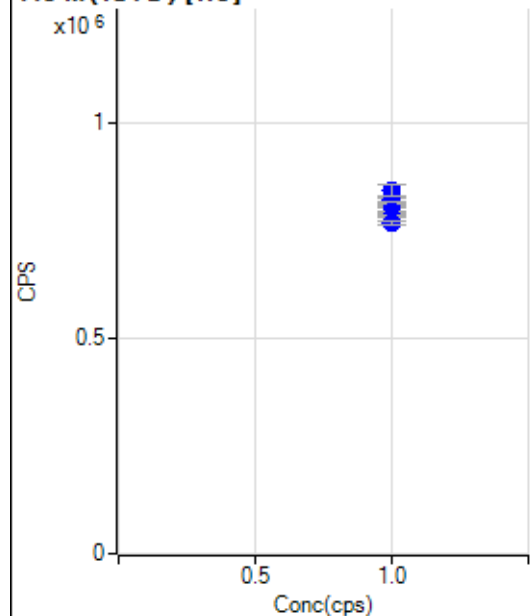
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5231813.66		A	1.5
2	☐	1.000		5421456.02		A	0.6
3	☐	1.000		5215228.46		A	2.7
4	☐	1.000		5314790.74		A	0.8
5	☐	1.000		5351755.02		A	1.4
6	☐	1.000		5206060.14		A	0.3
7	☐	1.000		5297401.16		A	3.4
8	☐	1.000		4810344.25		A	2.2

103 Rh (ISTD) [He]

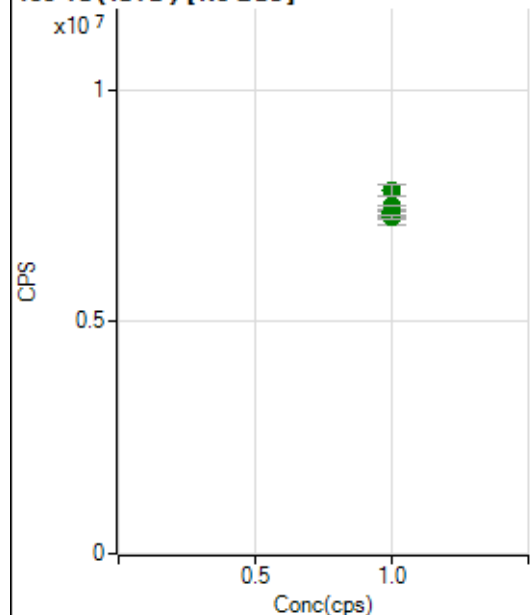
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2267340.42		A	0.7
2	☐	1.000		2287940.87		A	2.4
3	☐	1.000		2304021.53		A	2.5
4	☐	1.000		2301087.94		A	2.1
5	☐	1.000		2337628.51		A	2.2
6	☐	1.000		2206993.02		A	1.4
7	☐	1.000		2207109.55		A	1.0
8	☐	1.000		2040260.77		A	0.8

115 In (ISTD) [No Gas]

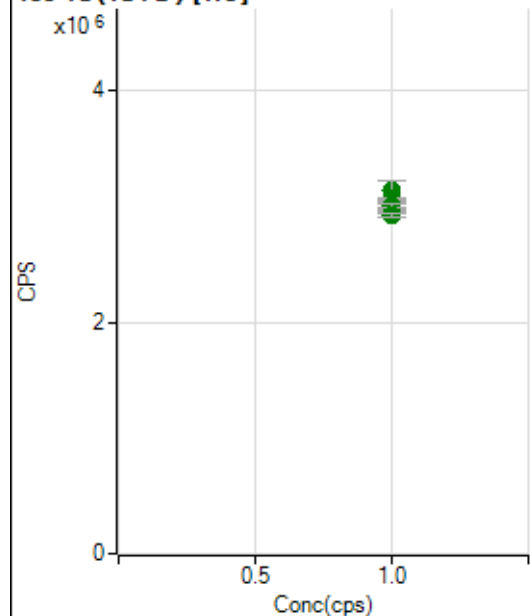
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5552515.58		A	0.5
2	☐	1.000		5577919.22		A	1.7
3	☐	1.000		5533389.49		A	3.4
4	☐	1.000		5565730.94		A	1.7
5	☐	1.000		5582920.53		A	1.3
6	☐	1.000		5493110.83		A	1.1
7	☐	1.000		5711569.16		A	4.7
8	☐	1.000		5320167.59		A	0.3

115 In (ISTD) [He]

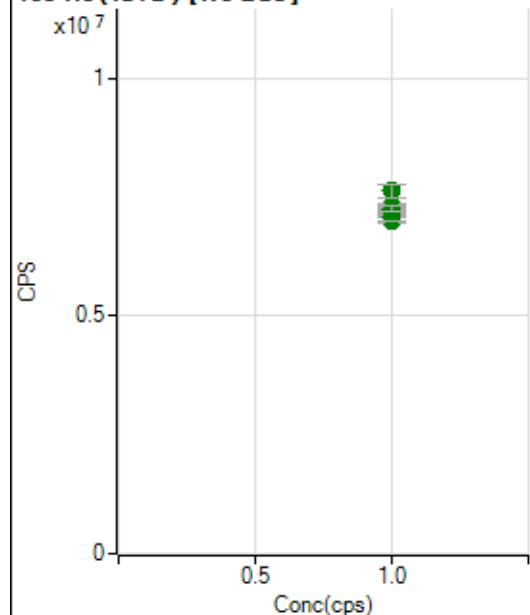
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		806927.10		P	0.7
2	☐	1.000		818435.03		P	2.6
3	☐	1.000		821208.22		P	1.5
4	☐	1.000		816180.49		P	0.8
5	☐	1.000		842892.23		P	3.2
6	☐	1.000		794277.93		P	0.5
7	☐	1.000		783794.57		P	0.9
8	☐	1.000		768705.45		P	0.7

159 Tb (ISTD) [No Gas]

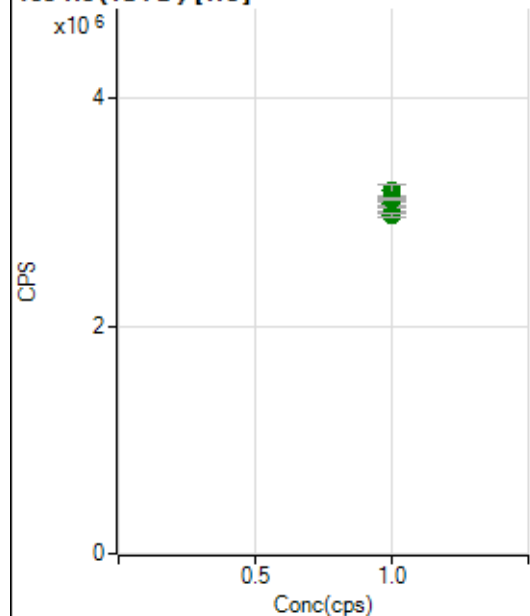
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7265389.20		A	0.3
2	☐	1.000		7319230.66		A	1.2
3	☐	1.000		7248852.53		A	4.1
4	☐	1.000		7327251.28		A	2.0
5	☐	1.000		7389705.52		A	3.3
6	☐	1.000		7504103.22		A	0.3
7	☐	1.000		7819179.05		A	3.1
8	☐	1.000		7264234.69		A	1.0

159 Tb (ISTD) [He]

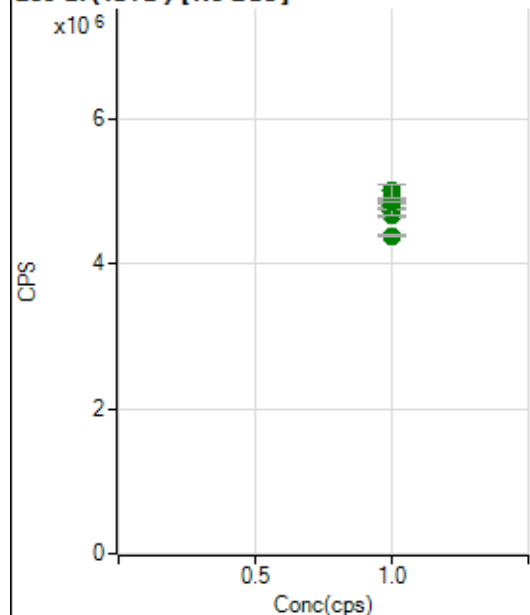
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2959630.96		A	1.6
2	☐	1.000		3003920.30		A	3.0
3	☐	1.000		3017113.98		A	1.7
4	☐	1.000		3009145.48		A	0.6
5	☐	1.000		3137864.71		A	5.2
6	☐	1.000		3069043.32		A	0.6
7	☐	1.000		3007740.30		A	1.2
8	☐	1.000		2926303.01		A	1.5

165 Ho (ISTD) [No Gas]

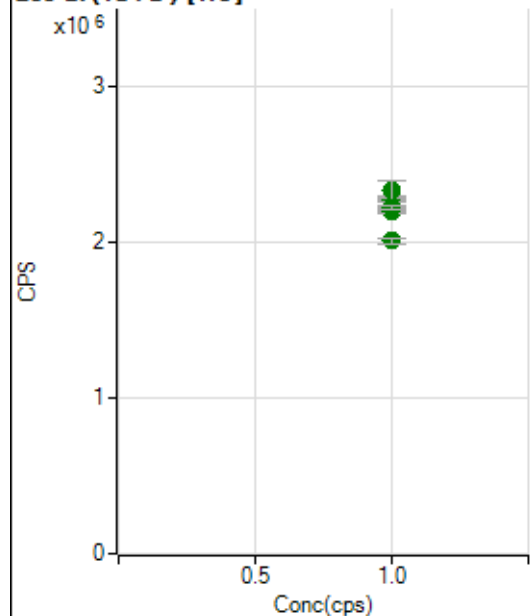
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7014182.02		A	1.8
2	☐	1.000		7185937.92		A	0.9
3	☐	1.000		7060812.48		A	1.6
4	☐	1.000		7206051.46		A	1.3
5	☐	1.000		7254231.50		A	1.6
6	☐	1.000		7322621.52		A	1.3
7	☐	1.000		7631452.86		A	3.6
8	☐	1.000		7249751.73		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2993096.34		A	0.3
2	☐	1.000		3044564.36		A	2.8
3	☐	1.000		3079500.37		A	1.2
4	☐	1.000		3121400.16		A	1.0
5	☐	1.000		3187590.13		A	3.5
6	☐	1.000		3051842.25		A	0.5
7	☐	1.000		3113482.00		A	0.8
8	☐	1.000		2974754.02		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4654965.94		A	1.0
2	☐	1.000		4796566.70		A	0.9
3	☐	1.000		4707208.68		A	2.1
4	☐	1.000		4891234.16		A	0.2
5	☐	1.000		4843206.59		A	1.1
6	☐	1.000		4847415.21		A	0.2
7	☐	1.000		5002397.43		A	3.5
8	☐	1.000		4383595.53		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2213754.26		A	1.4
2	☐	1.000		2234796.31		A	3.2
3	☐	1.000		2261852.62		A	3.0
4	☐	1.000		2259607.78		A	2.1
5	☐	1.000		2325117.03		A	5.6
6	☐	1.000		2197093.75		A	1.6
7	☐	1.000		2216755.38		A	1.1
8	☐	1.000		2005214.35		A	1.6