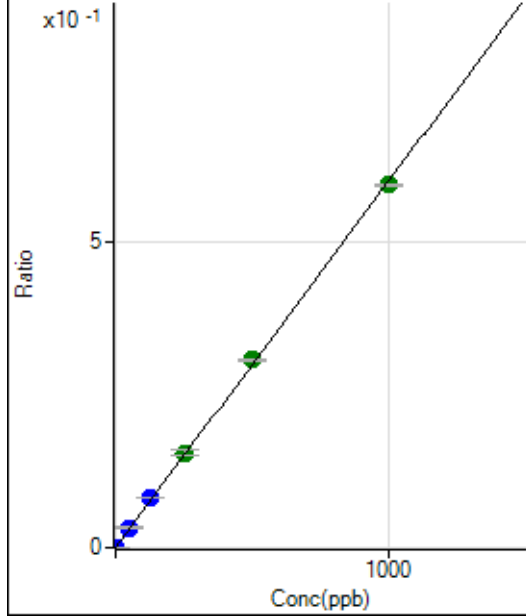


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121324 MS.b\
Analysis File: P8121324 MS.batch.bin
DA Date-Time: 2024-12-14 01:14:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-13 12:46:05
2	006CALS.d	S02	2024-12-13 12:52:44
3	007CALB.d	S03	2024-12-13 12:56:02
4	008CALS.d	S04	2024-12-13 12:59:05
5	009CALS.d	S05	2024-12-13 13:01:57
6	010CALS.d	S06	2024-12-13 13:04:45
7	011CALS.d	S07	2024-12-13 13:07:30
8	012CALS.d	S08	2024-12-13 13:10:17

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	173.38	0.0000	P	3.0
2	☐	1.000	1.096	7968.02	0.0007	P	1.3
3	☐	50.000	54.252	387231.66	0.0324	P	5.4
4	☐	125.000	134.660	940954.69	0.0805	P	0.8
5	☐	250.000	258.635	1860407.74	0.1546	A	5.4
6	☐	500.000	512.133	3511199.04	0.3061	A	0.4
7	☐	1000.000	990.355	6528700.56	0.5919	A	0.5
8	☐			1598.73	0.0002	P	9.6

$$y = 5.9761\text{E-}004 * x + 1.4464\text{E-}005$$

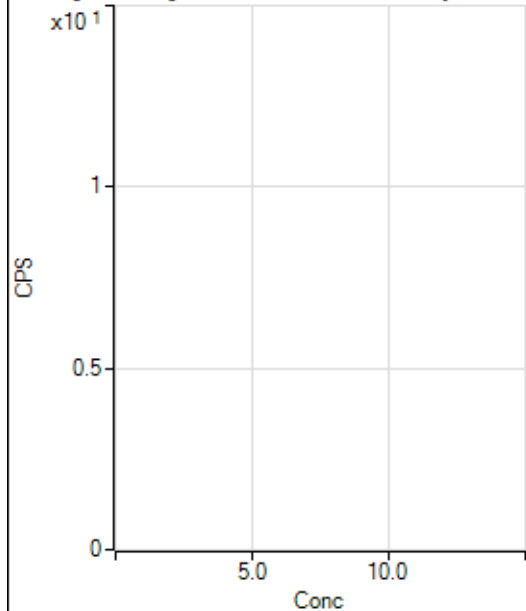
$$R = 0.9998$$

$$DL = 0.002188$$

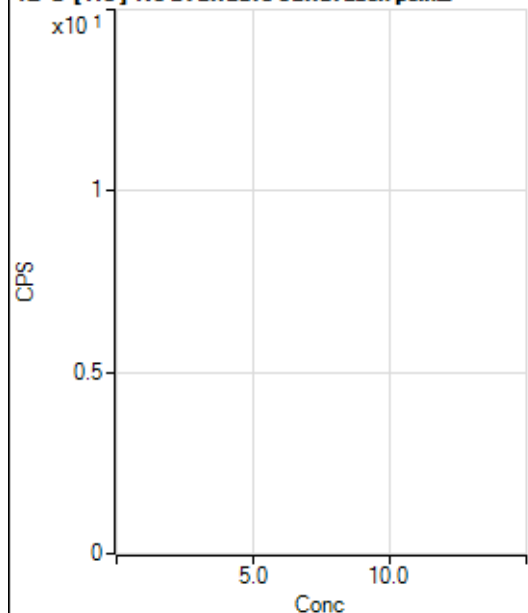
$$BEC = 0.0242$$

Weight: <None>

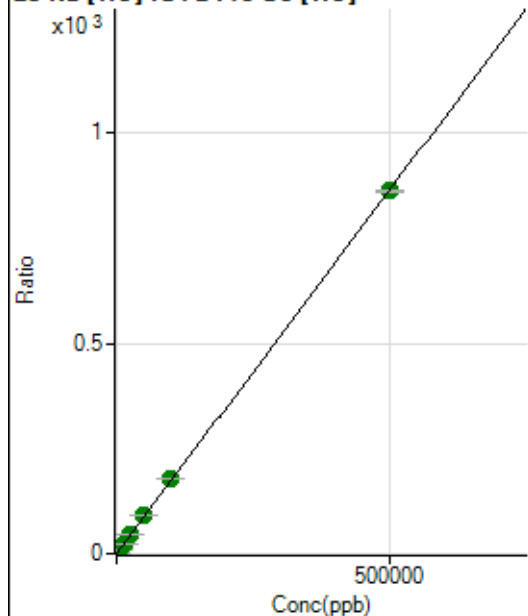
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4838302.81		A	1.0
2	☐			5120772.21		A	0.6
3	☐			4655097.81		A	0.2
4	☐			4937663.61		A	0.1
5	☐			5128269.09		A	0.7
6	☐			5449089.71		A	1.8
7	☐			6172793.87		A	2.7
8	☐			5817088.25		A	1.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31961.38		P	0.5
2	☐			32749.76		P	0.3
3	☐			30060.76		P	2.3
4	☐			31728.61		P	1.3
5	☐			33504.83		P	2.0
6	☐			36935.25		P	0.6
7	☐			44595.17		P	0.6
8	☐			50050.33		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	49447.79	0.1314	P	1.2
2	☐	500.000	536.923	404025.77	1.0581	P	0.7
3	☐	5000.000	5477.686	3648694.50	9.5859	A	0.5
4	☐	12500.000	13186.640	8532612.51	22.8917	A	4.1
5	☐	25000.000	26952.684	16719874.34	46.6522	A	0.8
6	☐	50000.000	52579.572	32061558.41	90.8846	A	1.5
7	☐	100000.00	102698.21	62547613.51	177.3903	A	1.0
8	☐	500000.00	499082.78	268567229.3	861.5570	A	0.3

$$y = 0.0017 * x + 0.1314$$

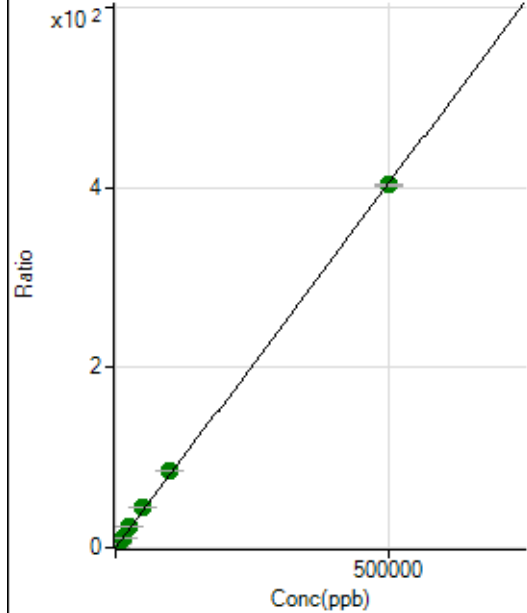
$$R = 1.0000$$

$$DL = 2.734$$

$$BEC = 76.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1357.85	0.0036	P	3.3
2	☐	500.000	574.762	179083.55	0.4690	P	0.5
3	☐	5000.000	5695.588	1756920.89	4.6153	A	1.6
4	☐	12500.000	13652.173	4121653.20	11.0578	A	4.1
5	☐	25000.000	28146.046	8168934.25	22.7935	A	0.5
6	☐	50000.000	54668.262	15616852.40	44.2687	A	1.0
7	☐	100000.00	105568.02	30140820.94	85.4823	A	0.6
8	☐	500000.00	498226.43	125755158.1	403.4190	A	0.7

$$y = 8.0970\text{E-}004 * x + 0.0036$$

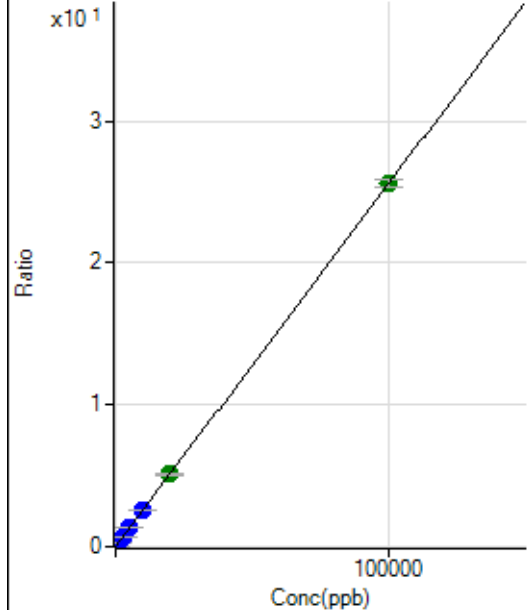
$$R = 0.9999$$

$$DL = 0.4348$$

$$BEC = 4.454$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0003	P	18.8
2	☐	20.000	19.519	2017.94	0.0053	P	1.1
3	☐	1000.000	1049.408	102208.96	0.2685	P	0.9
4	☐	2500.000	2558.803	243906.54	0.6544	P	4.0
5	☐	5000.000	5182.063	474828.19	1.3249	P	0.3
6	☐	10000.000	9996.651	901568.51	2.5555	P	0.4
7	☐	20000.000	19962.202	1799263.27	5.1029	A	1.5
8	☐	100000.00	99996.827	7967275.37	25.5606	A	2.0

$$y = 2.5561\text{E-}004 * x + 2.9534\text{E-}004$$

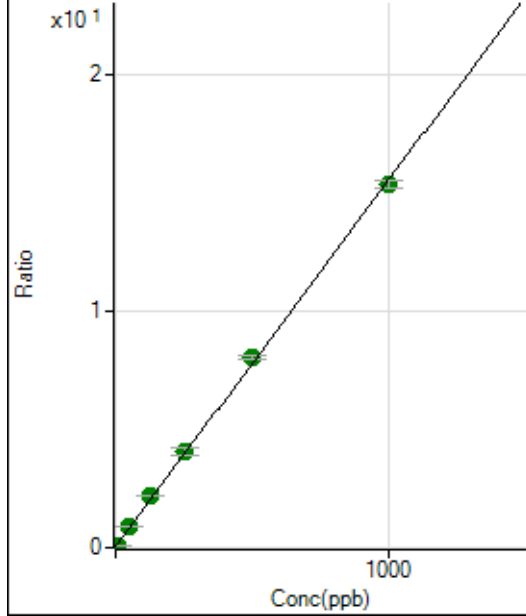
$$R = 1.0000$$

$$DL = 0.6515$$

$$BEC = 1.155$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	851987.01	0.0457	P	9.5
2	☐	10.000	0.387	955974.32	0.0517	A	1.7
3	☐	50.000	55.185	16840014.33	0.8996	A	4.4
4	☐	125.000	137.880	40104568.57	2.1790	A	1.1
5	☐	250.000	259.613	76879613.30	4.0625	A	8.4
6	☐	500.000	517.328	144696191.1	8.0500	A	1.9
7	☐	1000.000	987.160	275304467.0	15.3194	A	2.1
8	☐			934245.59	0.0606	A	3.9

$$y = 0.0155 * x + 0.0457$$

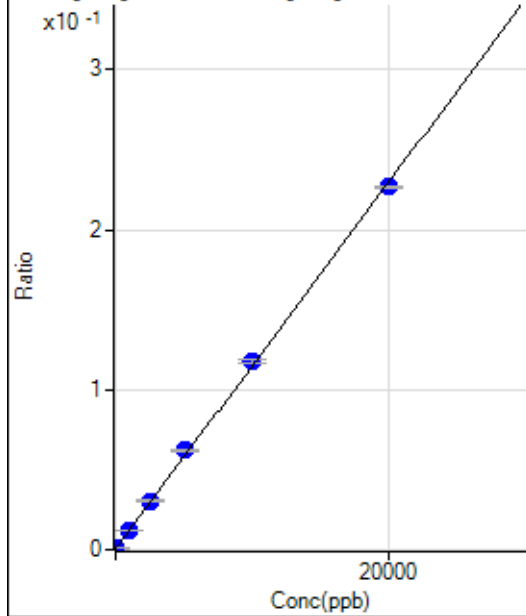
$$R = 0.9995$$

$$DL = 0.8425$$

$$BEC = 2.954$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-19.540	112.22	0.0003	P	17.2
2	☐	0.000	19.540	284.45	0.0007	P	14.9
3	☐	1000.000	1023.720	4659.68	0.0122	P	1.1
4	☐	2500.000	2630.444	11421.25	0.0306	P	3.6
5	☐	5000.000	5364.726	22200.38	0.0619	P	1.0
6	☐	10000.000	10267.462	41652.99	0.1181	P	1.9
7	☐	20000.000	19757.596	79944.33	0.2267	P	0.7
8	☐			122.22	0.0004	P	21.2

$$y = 1.1449E-005 * x + 5.2145E-004$$

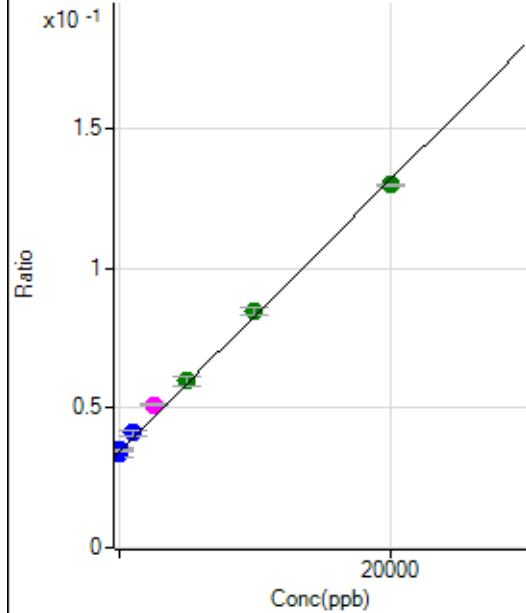
$$R = 0.9997$$

$$DL = 21.2$$

$$BEC = 45.54$$

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	-80.903	635397.64	0.0341	P	9.0
2	☐	0.000	80.903	644852.99	0.0349	P	0.9
3	☐	1000.000	1363.420	769332.33	0.0411	P	4.2
4	☐	2500.000	3418.870	940047.08	0.0511	M	1.7
5	☐	5000.000	5176.328	1129168.59	0.0596	A	6.3
6	☐	10000.000	10331.861	1521424.77	0.0847	A	3.3
7	☐	20000.000	19656.958	2335658.30	0.1300	A	0.6
8	☐			491658.31	0.0319	P	2.0

$$y = 4.8576\text{E-}006 * x + 0.0345$$

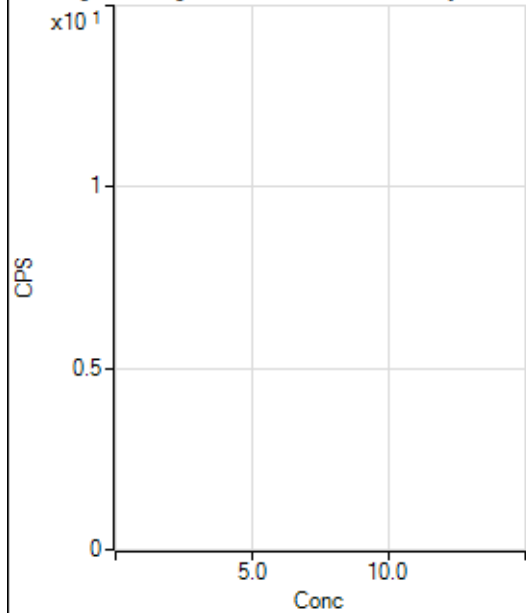
R = 0.9988

DL = 1044

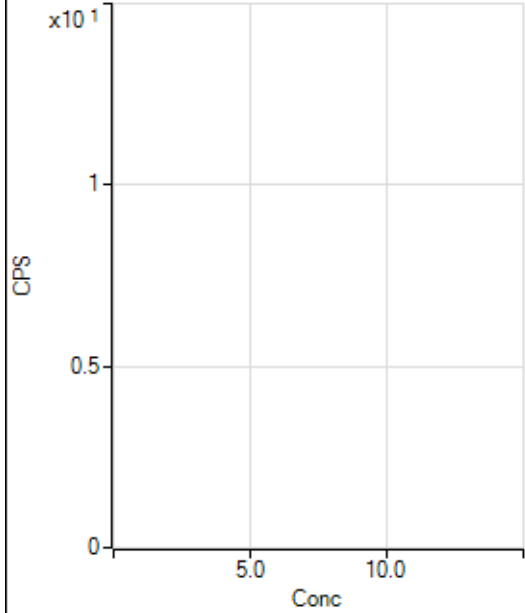
BEC = 7096

Weight: <None>

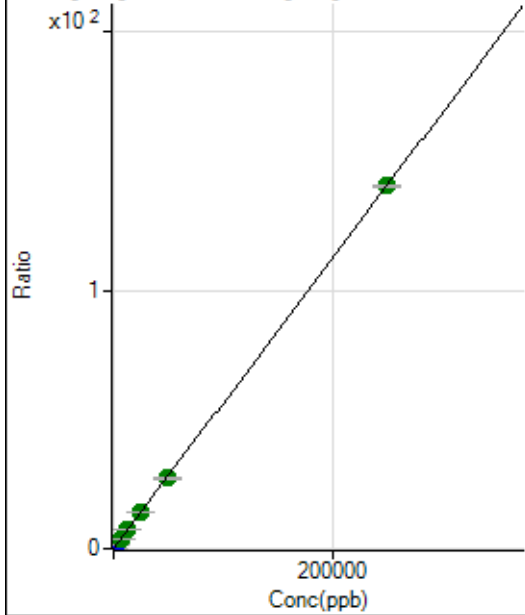
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81686.47		P	0.5
2	☐			84653.22		P	0.2
3	☐			84561.76		P	0.8
4	☐			89702.20		P	1.2
5	☐			96042.49		P	2.4
6	☐			110629.83		P	0.8
7	☐			140723.12		P	2.1
8	☐			78595.17		P	2.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			304.45		P	4.1
2	☐			352.23		P	9.7
3	☐			344.45		P	6.8
4	☐			345.57		P	11.4
5	☐			404.46		P	11.5
6	☐			462.23		P	4.0
7	☐			620.02		P	10.8
8	☐			316.68		P	12.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13286.19	0.0353	P	1.2
2	☐	500.000	510.981	122908.95	0.3219	P	0.5
3	☐	2500.000	2526.188	552705.00	1.4521	P	0.7
4	☐	6250.000	6299.996	1329927.59	3.5687	A	4.9
5	☐	12500.000	12892.182	2604036.68	7.2659	A	0.7
6	☐	25000.000	24793.864	4918344.89	13.9411	A	0.4
7	☐	50000.000	48472.165	9598045.48	27.2212	A	0.7
8	☐	250000.00	250305.03	43771654.90	140.4202	A	0.8

$$y = 5.6086E-004 * x + 0.0353$$

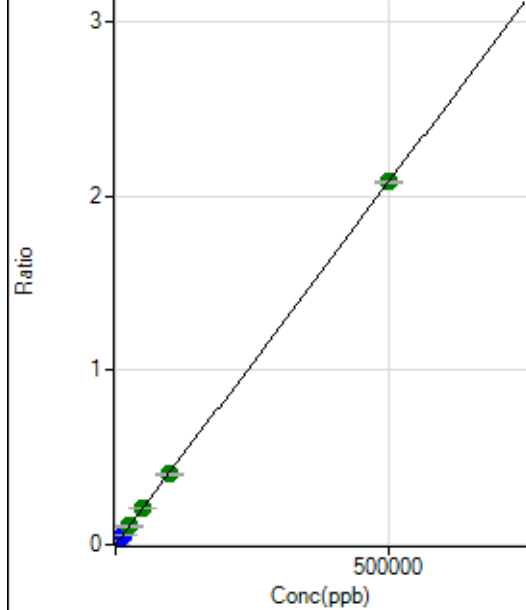
$$R = 1.0000$$

$$DL = 2.314$$

$$BEC = 62.92$$

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	971.15	0.0001	P	19.0
2	☐	500.000	521.134	41035.08	0.0022	P	0.3
3	☐	5000.000	5112.827	398763.53	0.0213	P	4.8
4	☐	12500.000	12744.334	975747.22	0.0530	P	2.1
5	☐	25000.000	25242.443	1987446.53	0.1050	A	7.4
6	☐	50000.000	50962.612	3808920.25	0.2119	A	0.9
7	☐	100000.00	96971.188	7244527.11	0.4031	A	1.7
8	☐	500000.00	500490.12	32045643.97	2.0804	A	0.3

$$y = 4.1565\text{E-}006 * x + 5.2380\text{E-}005$$

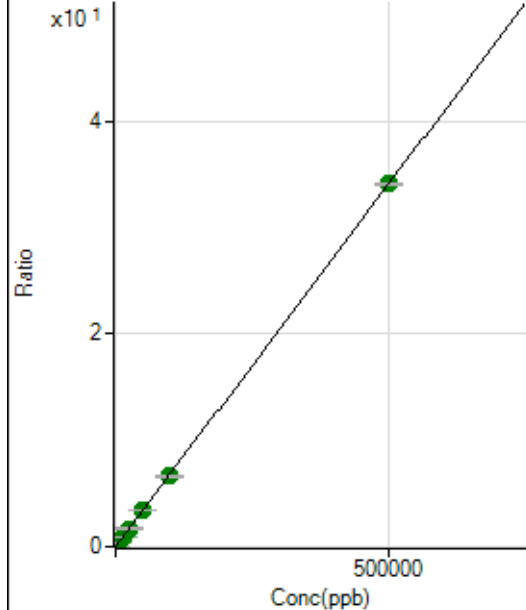
$$R = 1.0000$$

$$DL = 7.192$$

$$BEC = 12.6$$

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	24943.95	0.0013	P	7.4
2	☐	500.000	521.176	681842.05	0.0369	P	0.7
3	☐	5000.000	5136.680	6579828.79	0.3515	A	4.5
4	☐	12500.000	12916.620	16228634.20	0.8818	A	1.8
5	☐	25000.000	24635.444	31806292.58	1.6807	A	8.4
6	☐	50000.000	50202.176	61544460.75	3.4235	A	1.2
7	☐	100000.00	97097.947	118976897.1	6.6203	A	1.6
8	☐	500000.00	500566.61	525638463.2	34.1238	A	0.3

$$y = 6.8168\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

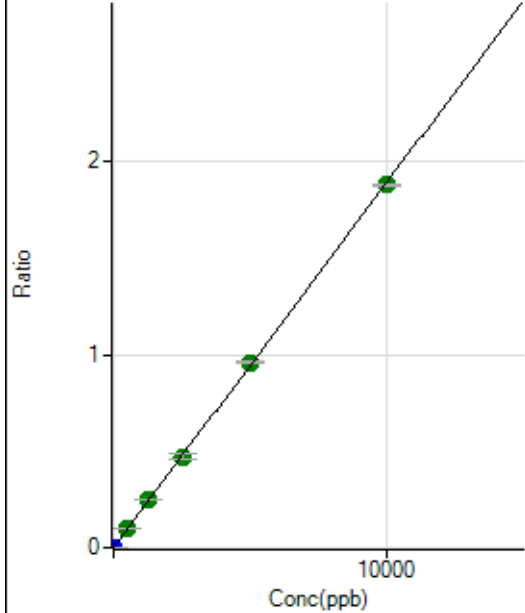
$$DL = 4.372$$

$$BEC = 19.61$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	290.00	0.0000	P	8.1
2	☐	5.000	5.295	18807.98	0.0010	P	1.1
3	☐	500.000	529.706	1875904.14	0.1002	A	4.2
4	☐	1250.000	1315.060	4577568.72	0.2487	A	1.0
5	☐	2500.000	2501.466	8954351.12	0.4731	A	8.0
6	☐	5000.000	5085.818	17293225.44	0.9618	A	0.6
7	☐	10000.000	9947.106	33809396.72	1.8812	A	0.7
8	☐			4929.80	0.0003	P	1.6

$$y = 1.8912\text{E-}004 * x + 1.5486\text{E-}005$$

$$R = 0.9999$$

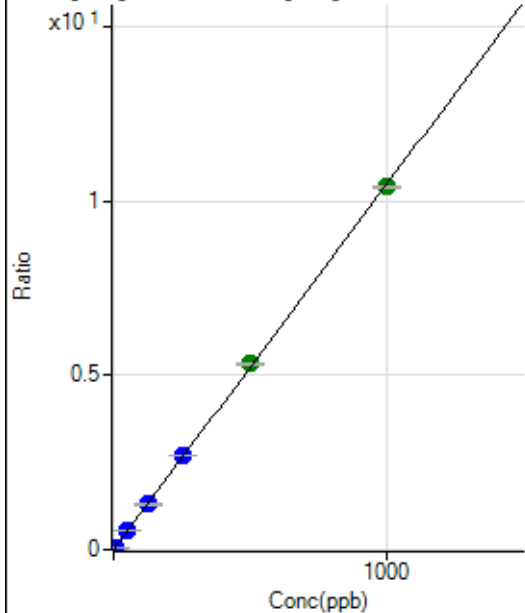
$$DL = 0.01991$$

$$BEC = 0.08188$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	68.0
2	☐	5.000	5.206	20835.29	0.0546	P	1.7
3	☐	50.000	50.552	201567.42	0.5296	P	0.7
4	☐	125.000	124.532	486327.25	1.3045	P	3.4
5	☐	250.000	256.217	961908.97	2.6840	P	0.2
6	☐	500.000	509.129	1881428.53	5.3333	A	1.7
7	☐	1000.000	993.911	3671061.82	10.4115	A	0.3
8	☐			486.68	0.0016	P	8.1

$$y = 0.0105 * x + 3.2375\text{E-}005$$

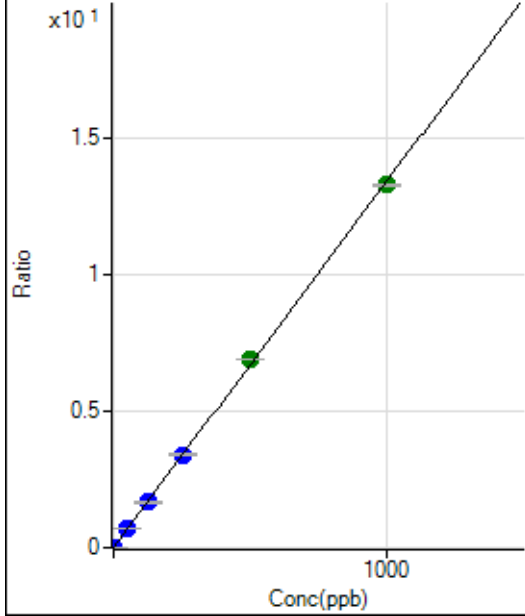
$$R = 0.9999$$

$$DL = 0.006306$$

$$BEC = 0.003091$$

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	2024.61	0.0054	P	6.5
2	☐	2.000	2.117	12890.33	0.0338	P	1.2
3	☐	50.000	50.758	260997.06	0.6857	P	1.1
4	☐	125.000	125.160	627366.15	1.6830	P	3.9
5	☐	250.000	254.275	1223452.00	3.4137	P	0.4
6	☐	500.000	515.341	2438839.25	6.9131	A	0.6
7	☐	1000.000	991.203	4686601.18	13.2916	A	0.7
8	☐			7314.28	0.0235	P	16.7

$$y = 0.0134 * x + 0.0054$$

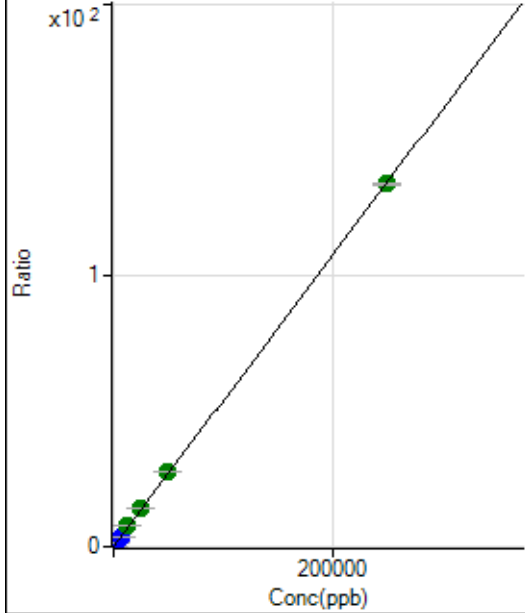
$$R = 0.9998$$

$$DL = 0.07815$$

$$BEC = 0.4013$$

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	676.69	0.0018	P	7.9
2	☐	50.000	55.823	12125.25	0.0318	P	2.2
3	☐	2500.000	2685.015	549039.38	1.4425	P	0.8
4	☐	6250.000	6577.032	1315993.09	3.5308	P	4.3
5	☐	12500.000	13999.734	2692808.87	7.5136	A	0.9
6	☐	25000.000	26517.407	5019930.41	14.2301	A	1.4
7	☐	50000.000	51024.617	9654031.24	27.3798	A	0.3
8	☐	250000.00	249558.32	41742171.05	133.9059	A	0.8

$$y = 5.3656E-004 * x + 0.0018$$

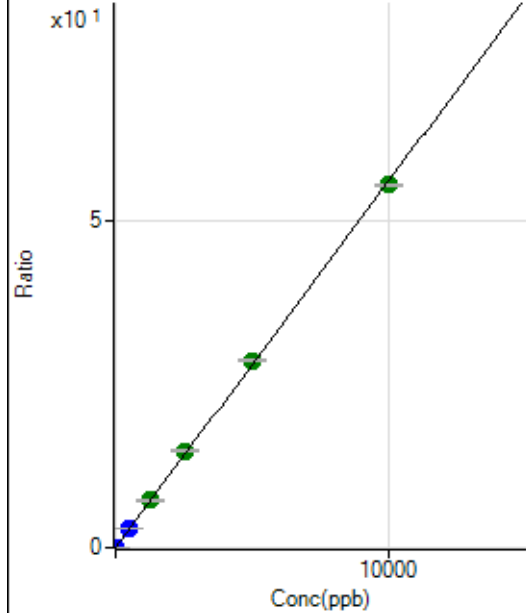
$$R = 1.0000$$

$$DL = 0.7908$$

$$BEC = 3.351$$

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	221.11	0.0006	P	4.8
2	☐	1.000	1.049	2469.13	0.0065	P	5.4
3	☐	500.000	513.739	1096372.02	2.8804	P	0.8
4	☐	1250.000	1298.031	2712394.16	7.2767	A	3.9
5	☐	2500.000	2642.588	5309041.38	14.8136	A	1.3
6	☐	5000.000	5109.932	10105581.31	28.6443	A	0.7
7	☐	10000.000	9902.696	19572729.71	55.5102	A	0.4
8	☐			5802.34	0.0186	P	2.6

$$y = 0.0056 * x + 5.8751E-004$$

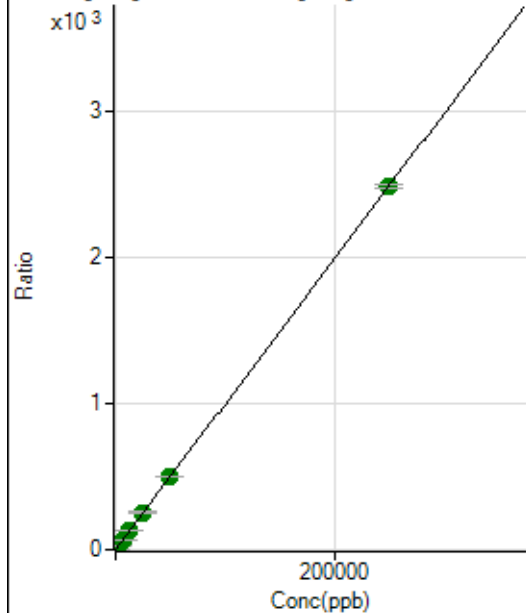
$$R = 0.9998$$

$$DL = 0.01523$$

$$BEC = 0.1048$$

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	8166.84	0.0217	P	2.1
2	☐	50.000	53.724	211926.91	0.5550	P	0.7
3	☐	2500.000	2647.424	10011533.46	26.3026	A	0.5
4	☐	6250.000	6558.345	24272108.53	65.1263	A	4.6
5	☐	12500.000	13354.717	47520293.74	132.5938	A	0.3
6	☐	25000.000	25817.346	90424170.87	256.3102	A	0.1
7	☐	50000.000	49888.712	174629232.9	495.2664	A	0.8
8	☐	250000.00	249888.60	773262432.9	2,480.663	A	1.1

$$y = 0.0099 * x + 0.0217$$

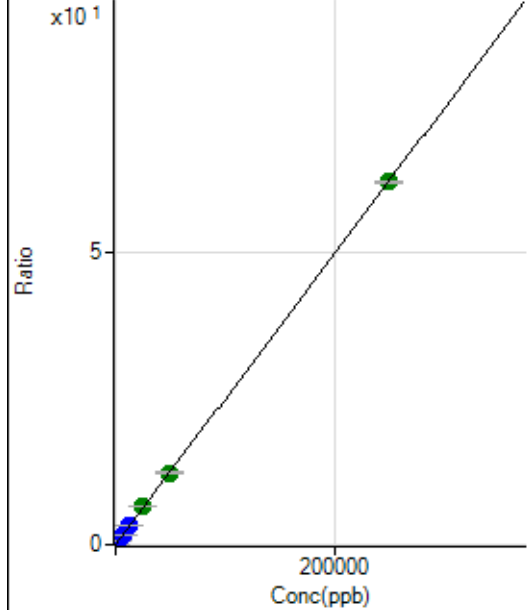
$$R = 1.0000$$

$$DL = 0.141$$

$$BEC = 2.185$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.78	0.0005	P	2.1
2	☐	50.000	51.381	5088.74	0.0133	P	2.1
3	☐	2500.000	2605.813	247306.54	0.6497	P	0.1
4	☐	6250.000	6414.369	595823.19	1.5985	P	4.1
5	☐	12500.000	13116.906	1171335.28	3.2683	P	0.2
6	☐	25000.000	26176.139	2300668.53	6.5217	A	1.3
7	☐	50000.000	49663.747	4362722.96	12.3731	A	0.3
8	☐	250000.00	249913.62	19408141.24	62.2610	A	0.4

$$y = 2.4913\text{E-}004 * x + 5.2536\text{E-}004$$

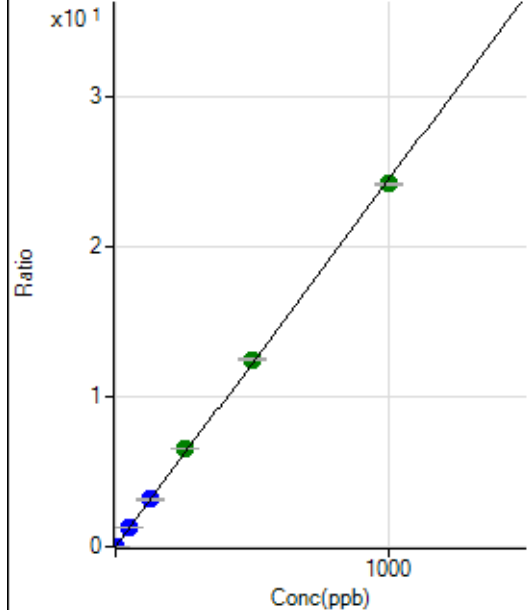
$$R = 1.0000$$

$$DL = 0.1317$$

$$BEC = 2.109$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	117.78	0.0003	P	6.1
2	☐	1.000	1.131	10664.09	0.0279	P	2.2
3	☐	50.000	52.458	487807.94	1.2817	P	1.3
4	☐	125.000	129.001	1174588.23	3.1513	P	4.2
5	☐	250.000	268.924	2354323.84	6.5691	A	0.4
6	☐	500.000	511.010	4403652.57	12.4823	A	0.7
7	☐	1000.000	989.141	8519136.82	24.1612	A	0.5
8	☐			16217.11	0.0520	P	0.1

$$y = 0.0244 * x + 3.1288\text{E-}004$$

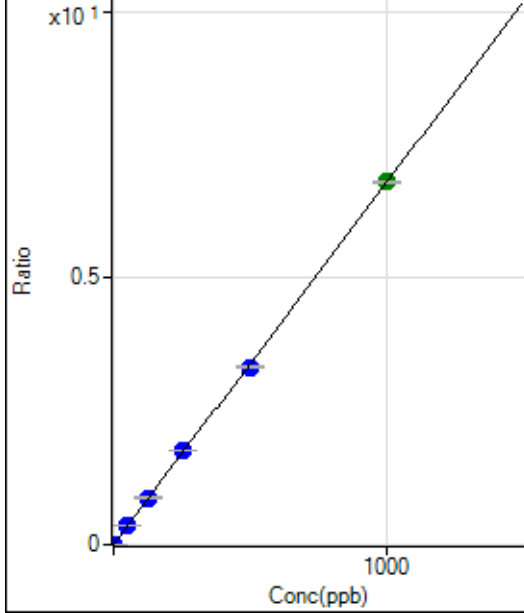
$$R = 0.9997$$

$$DL = 0.002349$$

$$BEC = 0.01281$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	730.03	0.0019	P	6.2
2	☐	1.000	1.100	3594.94	0.0094	P	2.9
3	☐	50.000	52.158	135608.85	0.3563	P	1.4
4	☐	125.000	128.066	325050.23	0.8720	P	3.8
5	☐	250.000	259.194	631796.82	1.7629	P	0.6
6	☐	500.000	490.483	1176256.83	3.3342	P	0.5
7	☐	1000.000	1001.969	2400875.80	6.8091	A	0.9
8	☐			4942.02	0.0159	P	3.5

$$y = 0.0068 * x + 0.0019$$

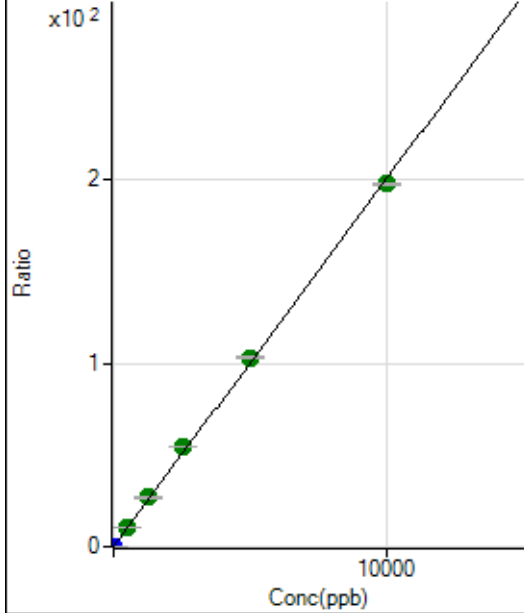
$$R = 0.9999$$

$$DL = 0.05306$$

$$BEC = 0.2854$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3533.80	0.0094	P	2.0
2	☐	2.000	2.091	19584.67	0.0513	P	1.5
3	☐	500.000	545.777	4166181.36	10.9457	A	0.6
4	☐	1250.000	1338.388	9999716.80	26.8281	A	4.1
5	☐	2500.000	2715.159	19502254.85	54.4159	A	0.3
6	☐	5000.000	5138.233	36324918.90	102.9696	A	1.2
7	☐	10000.000	9863.756	69694000.07	197.6599	A	0.5
8	☐			11245.67	0.0361	P	1.1

$$y = 0.0200 * x + 0.0094$$

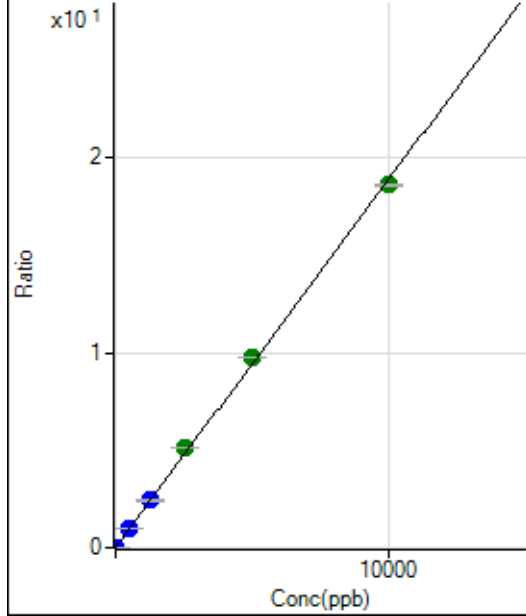
$$R = 0.9996$$

$$DL = 0.02811$$

$$BEC = 0.4684$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	618.91	0.0016	P	2.3
2	☐	2.000	5.338	4470.74	0.0117	P	3.8
3	☐	500.000	524.842	377312.95	0.9913	P	1.0
4	☐	1250.000	1294.920	910854.19	2.4435	P	3.8
5	☐	2500.000	2704.613	1828443.88	5.1018	A	0.9
6	☐	5000.000	5166.100	3437337.38	9.7434	A	0.4
7	☐	10000.000	9858.939	6555713.10	18.5928	A	0.8
8	☐			2171.30	0.0070	P	7.5

$$y = 0.0019 * x + 0.0016$$

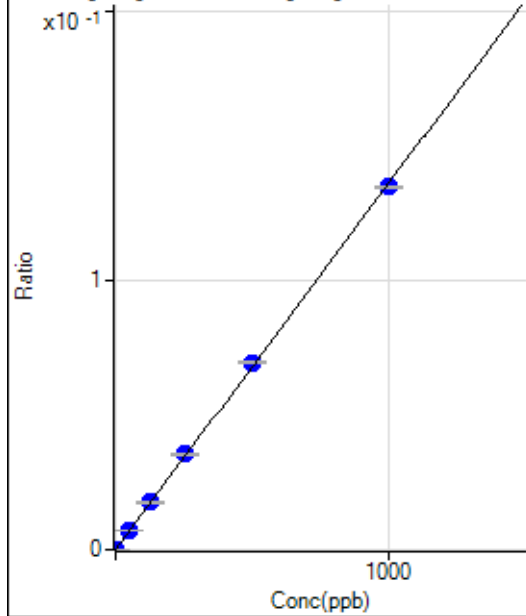
$$R = 0.9996$$

$$DL = 0.06039$$

$$BEC = 0.8717$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.4
2	☐	1.000	1.108	473.35	0.0002	P	3.6
3	☐	50.000	52.425	22301.05	0.0071	P	0.9
4	☐	125.000	129.277	54051.99	0.0176	P	2.5
5	☐	250.000	260.330	105988.09	0.0354	P	2.1
6	☐	500.000	511.501	201433.03	0.0696	P	0.6
7	☐	1000.000	991.011	391425.82	0.1348	P	0.8
8	☐			174.45	0.0001	P	18.8

$$y = 1.3602E-004 * x + 1.1097E-006$$

$$R = 0.9998$$

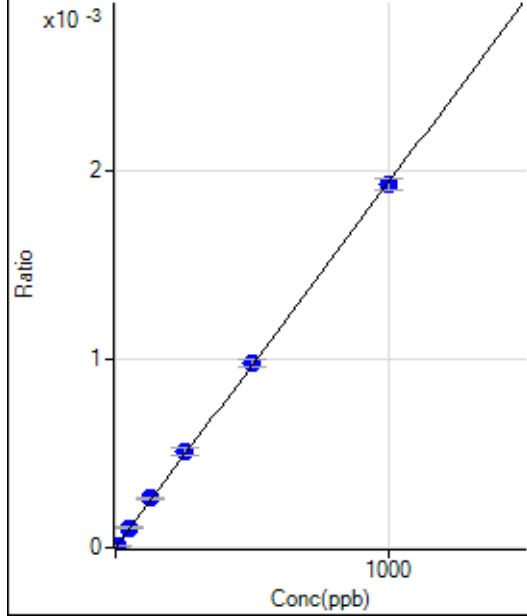
$$DL = 0.02434$$

$$BEC = 0.008159$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.570	28.89	0.0000	P	36.2
3	☐	50.000	53.314	324.45	0.0001	P	11.3
4	☐	125.000	134.856	805.59	0.0003	P	5.7
5	☐	250.000	261.354	1520.10	0.0005	P	7.5
6	☐	500.000	504.648	2838.09	0.0010	P	3.6
7	☐	1000.000	993.442	5602.27	0.0019	P	3.1
8	☐			4.44	0.0000	P	43.8

$$y = 1.9417\text{E-}006 * x + 3.6376\text{E-}007$$

$$R = 0.9999$$

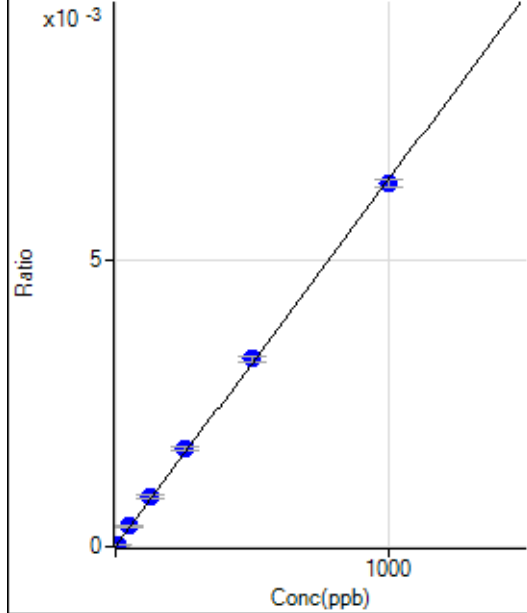
$$DL = 0.9734$$

$$BEC = 0.1873$$

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	14.44	0.0000	P	14.8
2	☐	5.000	6.044	135.56	0.0000	P	4.7
3	☐	50.000	55.656	1127.83	0.0004	P	9.5
4	☐	125.000	134.814	2665.83	0.0009	P	6.5
5	☐	250.000	267.178	5133.22	0.0017	P	3.3
6	☐	500.000	511.374	9488.83	0.0033	P	3.4
7	☐	1000.000	988.504	18387.68	0.0063	P	2.0
8	☐			20.00	0.0000	P	43.9

$$y = 6.4005\text{E-}006 * x + 4.7990\text{E-}006$$

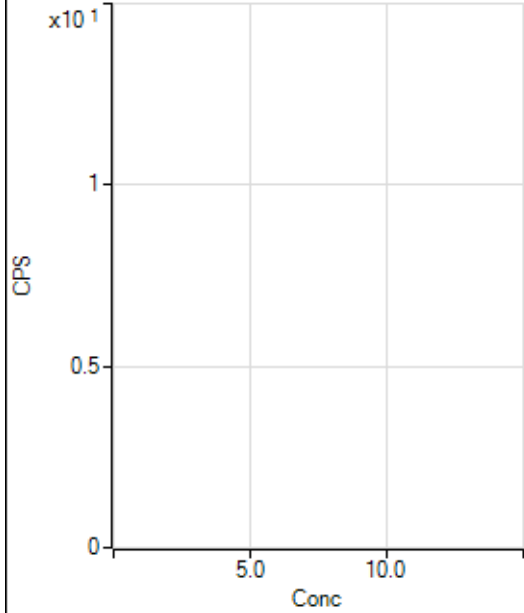
$$R = 0.9997$$

$$DL = 0.3327$$

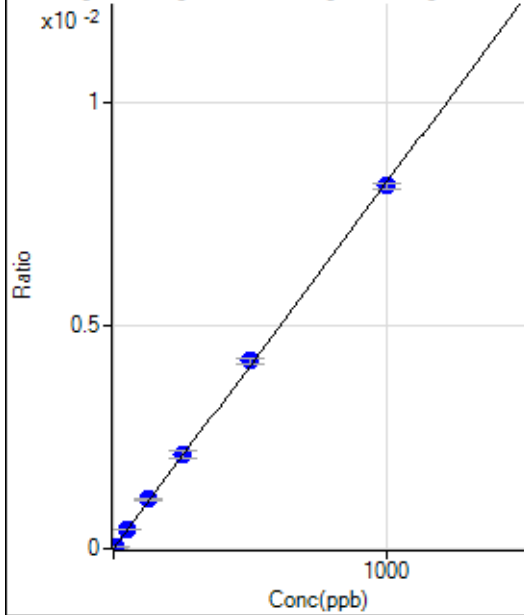
$$BEC = 0.7498$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11236.83		P	0.1
2	☐			11687.18		P	2.8
3	☐			11433.62		P	2.3
4	☐			11653.84		P	3.5
5	☐			11229.06		P	0.5
6	☐			11062.21		P	3.6
7	☐			11042.22		P	1.4
8	☐			10995.51		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.24	0.0000	P	30.1
2	☐	5.000	5.560	1842.41	0.0000	P	5.3
3	☐	50.000	53.602	17744.96	0.0004	P	4.4
4	☐	125.000	133.904	44202.79	0.0011	P	1.2
5	☐	250.000	256.919	86064.41	0.0021	P	7.9
6	☐	500.000	512.251	164694.46	0.0042	P	2.3
7	☐	1000.000	990.849	317069.46	0.0081	P	1.4
8	☐			14.82	0.0000	P	207.

$$y = 8.1940E-006 * x + 7.9631E-007$$

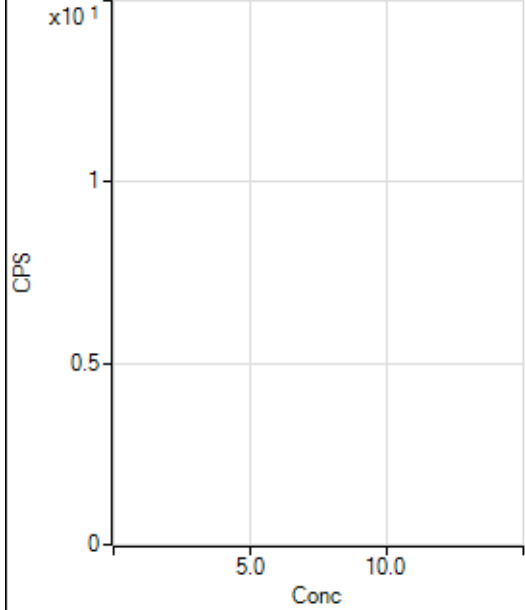
$$R = 0.9998$$

$$DL = 0.08771$$

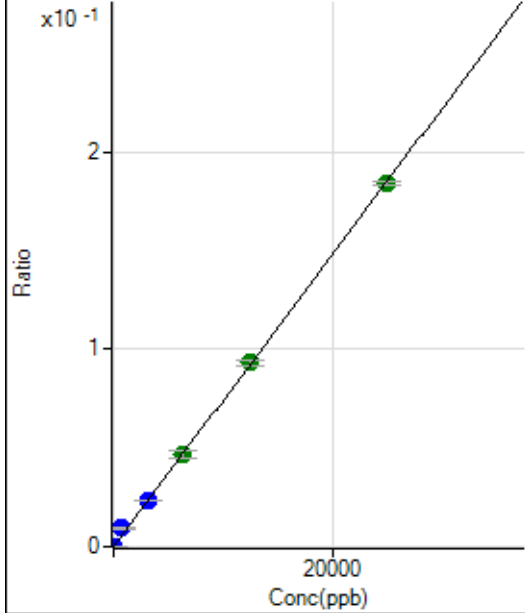
$$BEC = 0.09718$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			263.34		P	5.8
2	☐			263.34		P	8.8
3	☐			310.01		P	11.8
4	☐			297.79		P	16.6
5	☐			373.34		P	14.0
6	☐			286.67		P	11.6
7	☐			345.56		P	3.1
8	☐			457.79		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	507.79	0.0000	P	14.1
2	☐	1.000	26.682	8329.20	0.0002	P	3.8
3	☐	625.000	1271.215	378951.79	0.0094	P	4.8
4	☐	3125.000	3146.963	935693.27	0.0232	P	1.2
5	☐	6250.000	6370.374	1921817.52	0.0470	A	8.7
6	☐	12500.000	12636.796	3660399.77	0.0933	A	3.0
7	☐	25000.000	24882.607	7174463.44	0.1837	A	1.0
8	☐			18442.28	0.0005	P	1.9

$$y = 7.3826E-006 * x + 1.2845E-005$$

$$R = 0.9997$$

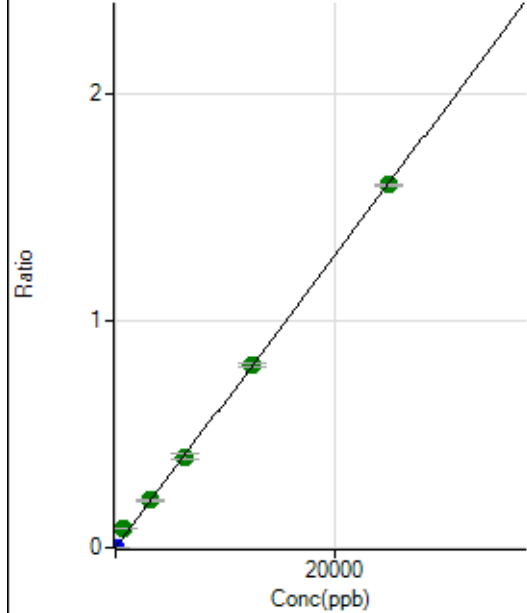
$$DL = 0.7371$$

$$BEC = 1.74$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.46	0.0000	P	21.8
2	☐	1.000	26.389	67622.54	0.0017	P	0.4
3	☐	625.000	1315.110	3397564.01	0.0842	A	4.3
4	☐	3125.000	3245.592	8367932.37	0.2079	A	1.8
5	☐	6250.000	6260.291	16387271.01	0.4010	A	7.8
6	☐	12500.000	12593.542	31644471.47	0.8066	A	2.2
7	☐	25000.000	24918.329	62327071.30	1.5960	A	0.6
8	☐			157637.18	0.0046	P	1.3

$$y = 6.4050E-005 * x + 1.2575E-005$$

$$R = 0.9997$$

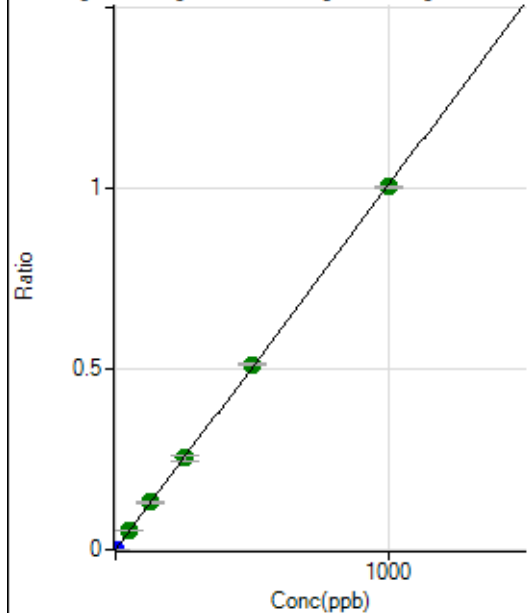
$$DL = 0.1285$$

$$BEC = 0.1963$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1546.77	0.0000	P	5.2
2	☐	1.000	0.998	41469.31	0.0010	P	0.5
3	☐	50.000	52.892	2150761.84	0.0533	A	4.6
4	☐	125.000	129.760	5264382.18	0.1308	A	1.8
5	☐	250.000	251.722	10374921.37	0.2537	A	6.0
6	☐	500.000	508.086	20088414.70	0.5120	A	1.2
7	☐	1000.000	994.787	39145679.14	1.0024	A	0.4
8	☐			18448.96	0.0005	P	2.2

$$y = 0.0010 * x + 3.8855E-005$$

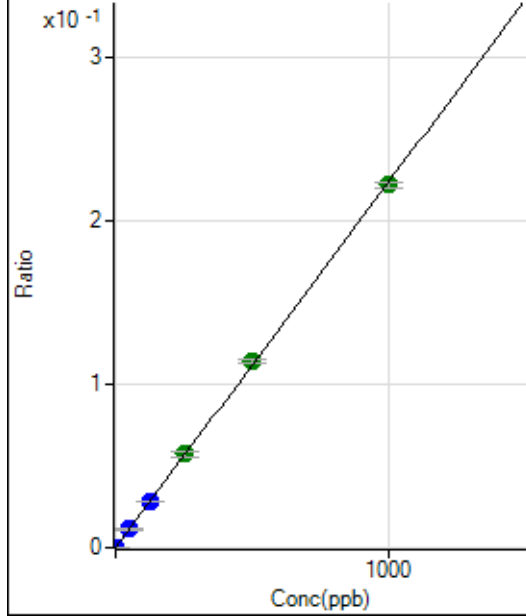
$$R = 0.9999$$

$$DL = 0.006027$$

$$BEC = 0.03856$$

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	282.23	0.0000	P	6.4
2	☐	1.000	1.006	9215.34	0.0002	P	2.1
3	☐	50.000	50.372	454492.22	0.0113	P	5.4
4	☐	125.000	125.450	1129689.41	0.0281	P	1.4
5	☐	250.000	255.306	2334003.05	0.0571	A	7.8
6	☐	500.000	511.553	4488751.64	0.1144	A	2.3
7	☐	1000.000	992.822	8671494.73	0.2221	A	1.4
8	☐			4068.42	0.0001	P	1.6

$$y = 2.2366\text{E-}004 * x + 7.0434\text{E-}006$$

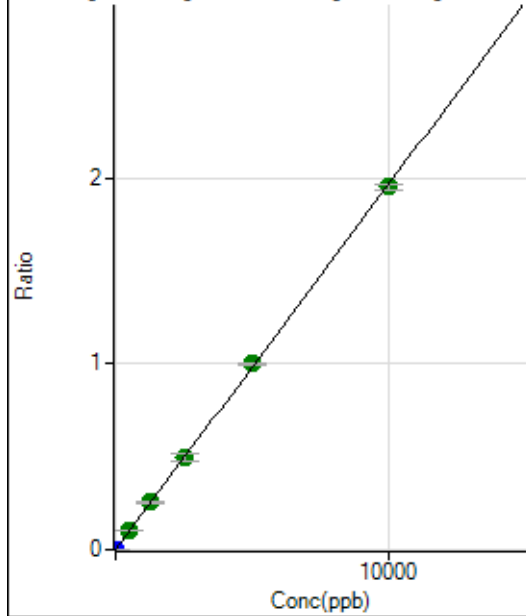
$$R = 0.9999$$

$$DL = 0.006011$$

$$BEC = 0.03149$$

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	646.69	0.0000	P	8.7
2	☐	5.000	6.108	48305.80	0.0012	P	0.9
3	☐	500.000	521.005	4128162.65	0.1024	A	5.5
4	☐	1250.000	1297.512	10263976.03	0.2550	A	1.3
5	☐	2500.000	2526.570	20298686.64	0.4965	A	6.9
6	☐	5000.000	5103.923	39354599.97	1.0030	A	1.0
7	☐	10000.000	9934.406	76233000.53	1.9522	A	1.5
8	☐			13062.98	0.0004	P	8.0

$$y = 1.9651\text{E-}004 * x + 1.6279\text{E-}005$$

$$R = 0.9999$$

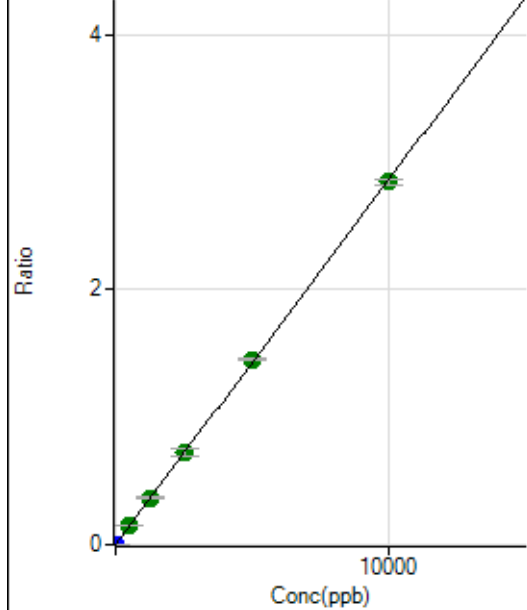
$$DL = 0.02161$$

$$BEC = 0.08284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	413.35	0.0000	P	13.7
2	☐	5.000	5.116	58489.08	0.0015	P	1.2
3	☐	500.000	518.296	5975232.55	0.1482	A	4.5
4	☐	1250.000	1285.659	14794573.95	0.3675	A	1.1
5	☐	2500.000	2514.904	29373063.45	0.7189	A	8.5
6	☐	5000.000	5079.569	56972555.26	1.4521	A	1.4
7	☐	10000.000	9951.117	111083017.2	2.8447	A	1.3
8	☐			11715.20	0.0003	P	8.4

$$y = 2.8586\text{E-}004 * x + 1.0449\text{E-}005$$

$$R = 0.9999$$

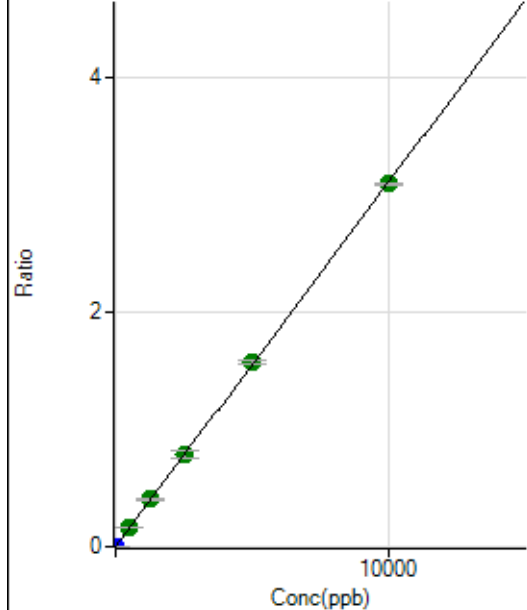
$$DL = 0.01507$$

$$BEC = 0.03655$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	488.90	0.0000	P	9.2
2	☐	5.000	5.174	64215.23	0.0016	P	3.5
3	☐	500.000	524.740	6566227.89	0.1628	A	4.6
4	☐	1250.000	1300.383	16241352.95	0.4035	A	1.6
5	☐	2500.000	2523.690	32001377.02	0.7831	A	7.9
6	☐	5000.000	5058.198	61587361.86	1.5695	A	1.6
7	☐	10000.000	9957.443	120652823.7	3.0896	A	0.4
8	☐			19500.63	0.0006	P	7.4

$$y = 3.1028\text{E-}004 * x + 1.2324\text{E-}005$$

$$R = 1.0000$$

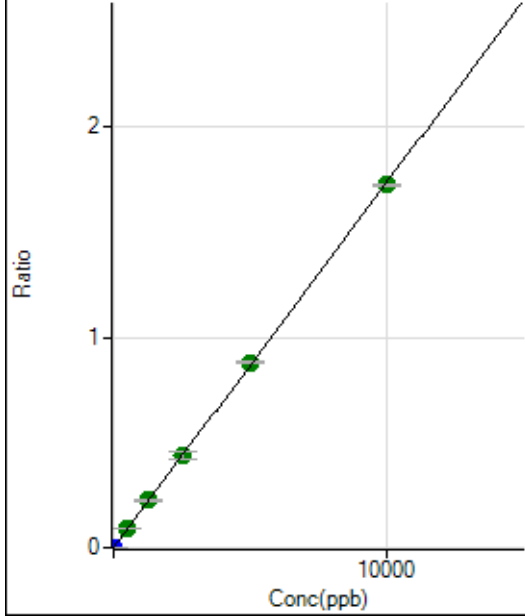
$$DL = 0.01095$$

$$BEC = 0.03972$$

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	217.78	0.0000	P	13.4
2	☐	5.000	5.197	36026.68	0.0009	P	0.8
3	☐	500.000	529.567	3704510.50	0.0919	A	5.4
4	☐	1250.000	1304.123	9107722.02	0.2263	A	2.1
5	☐	2500.000	2532.204	17960477.37	0.4394	A	7.1
6	☐	5000.000	5078.525	34574546.98	0.8812	A	1.6
7	☐	10000.000	9944.442	67377906.22	1.7254	A	0.7
8	☐			6633.99	0.0002	P	15.4

$$y = 1.7350E-004 * x + 5.5020E-006$$

$$R = 0.9999$$

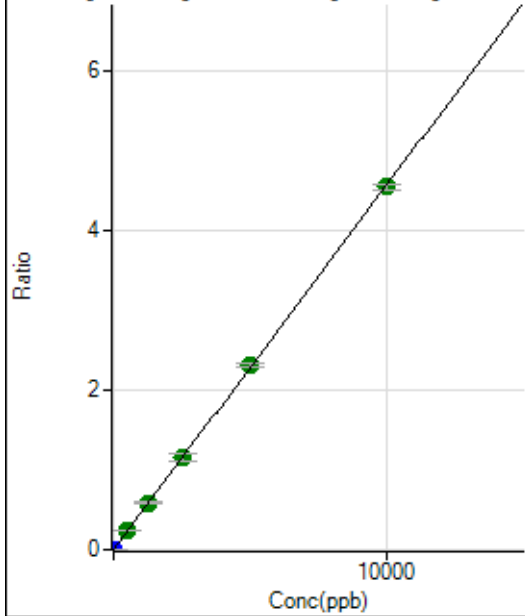
$$DL = 0.01272$$

$$BEC = 0.03171$$

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	565.57	0.0000	P	11.4
2	☐	5.000	5.084	92664.54	0.0023	P	1.3
3	☐	500.000	514.561	9466813.33	0.2348	A	4.8
4	☐	1250.000	1286.924	23634655.48	0.5872	A	1.1
5	☐	2500.000	2525.534	47100776.52	1.1523	A	7.2
6	☐	5000.000	5064.507	90649366.43	2.3106	A	2.3
7	☐	10000.000	9956.019	177372772.9	4.5423	A	1.4
8	☐			16260.32	0.0005	P	14.1

$$y = 4.5624E-004 * x + 1.4275E-005$$

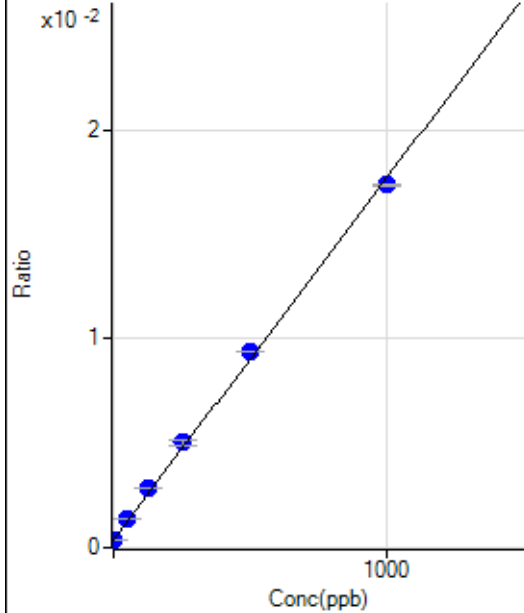
$$R = 1.0000$$

$$DL = 0.01069$$

$$BEC = 0.03129$$

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	11947.50	0.0004	P	3.9
2	☐	1.000	1.368	12643.71	0.0004	P	2.0
3	☐	50.000	56.519	42865.24	0.0014	P	2.1
4	☐	125.000	142.082	89067.27	0.0028	P	1.7
5	☐	250.000	268.394	162845.50	0.0050	P	5.8
6	☐	500.000	522.087	295857.15	0.0094	P	0.1
7	☐	1000.000	981.896	551613.67	0.0174	P	0.6
8	☐			10142.70	0.0004	P	2.9

$$y = 1.7320\text{E-}005 * x + 3.7960\text{E-}004$$

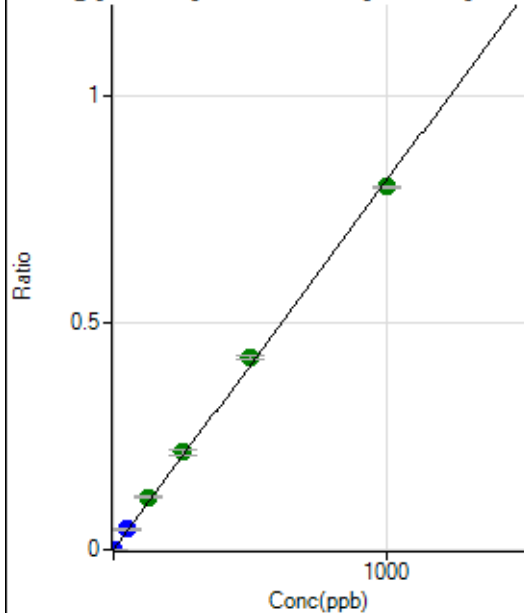
$$R = 0.9994$$

$$DL = 2.577$$

$$BEC = 21.92$$

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	210.00	0.0000	P	15.0
2	☐	1.000	1.060	27196.92	0.0009	P	2.3
3	☐	50.000	54.923	1407376.13	0.0446	P	5.1
4	☐	125.000	141.738	3611621.48	0.1152	A	2.6
5	☐	250.000	264.867	6970891.28	0.2153	A	6.0
6	☐	500.000	521.604	13307616.61	0.4239	A	1.8
7	☐	1000.000	983.143	25350062.96	0.7990	A	0.4
8	☐			3220.41	0.0001	P	5.3

$$y = 8.1267\text{E-}004 * x + 6.6978\text{E-}006$$

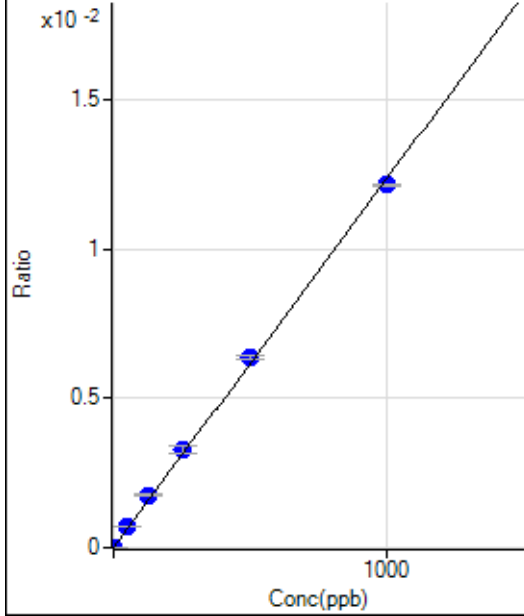
$$R = 0.9994$$

$$DL = 0.003714$$

$$BEC = 0.008242$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0000	P	32.7
2	☐	1.000	1.142	467.79	0.0000	P	5.5
3	☐	50.000	56.511	21994.31	0.0007	P	4.0
4	☐	125.000	141.410	54676.78	0.0017	P	2.9
5	☐	250.000	266.657	106443.85	0.0033	P	6.9
6	☐	500.000	518.068	200503.90	0.0064	P	2.0
7	☐	1000.000	984.425	385038.32	0.0121	P	0.5
8	☐			160.00	0.0000	P	21.5

$$y = 1.2327\text{E-}005 * x + 8.4760\text{E-}007$$

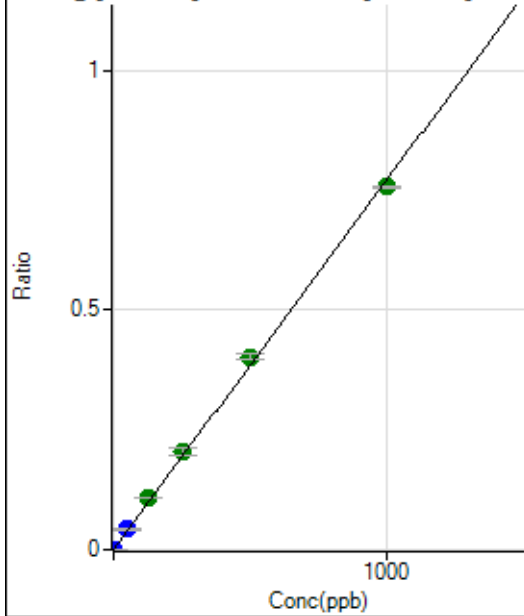
$$R = 0.9995$$

$$DL = 0.06748$$

$$BEC = 0.06876$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	11.9
2	☐	1.000	1.089	26369.78	0.0008	P	0.6
3	☐	50.000	55.265	1341166.66	0.0426	P	5.9
4	☐	125.000	139.569	3369727.73	0.1075	A	1.8
5	☐	250.000	265.955	6630232.68	0.2048	A	6.3
6	☐	500.000	522.982	12639087.31	0.4026	A	2.6
7	☐	1000.000	982.436	23998036.31	0.7564	A	0.7
8	☐			2970.35	0.0001	P	5.4

$$y = 7.6989\text{E-}004 * x + 2.5873\text{E-}006$$

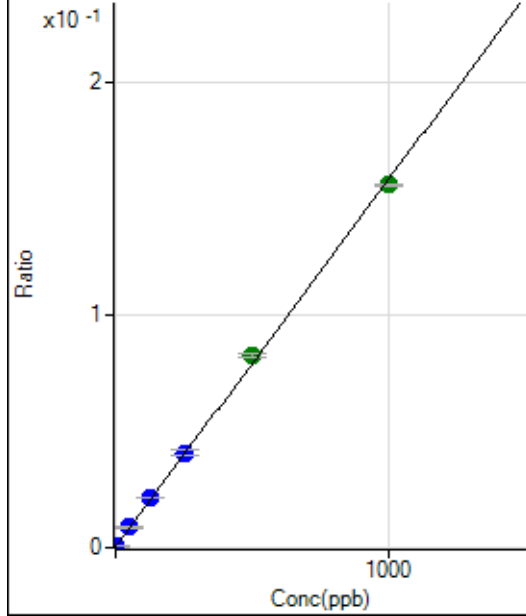
$$R = 0.9994$$

$$DL = 0.001202$$

$$BEC = 0.003361$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8357.92	0.0003	P	4.0
2	☐	1.000	1.128	13903.13	0.0004	P	1.4
3	☐	50.000	54.358	278749.92	0.0088	P	4.7
4	☐	125.000	134.677	674523.01	0.0215	P	1.8
5	☐	250.000	256.005	1316216.68	0.0407	P	6.6
6	☐	500.000	522.520	2596342.22	0.0827	A	1.7
7	☐	1000.000	985.811	4942578.50	0.1558	A	0.8
8	☐			7550.13	0.0003	P	3.2

$$y = 1.5775\text{E-}004 * x + 2.6557\text{E-}004$$

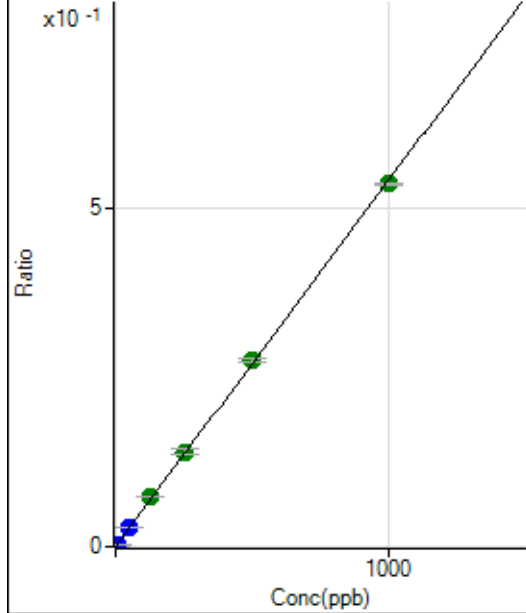
$$R = 0.9996$$

$$DL = 0.204$$

$$BEC = 1.683$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4312.98	0.0001	P	13.2
2	☐	5.000	5.496	97386.66	0.0031	P	2.5
3	☐	50.000	53.050	907980.29	0.0288	P	4.9
4	☐	125.000	136.852	2322675.64	0.0741	A	2.7
5	☐	250.000	258.246	4523510.18	0.1397	A	5.6
6	☐	500.000	511.082	8673064.80	0.2763	A	1.9
7	☐	1000.000	990.761	16987578.64	0.5354	A	0.6
8	☐			6311.53	0.0002	P	2.7

$$y = 5.4027\text{E-}004 * x + 1.3804\text{E-}004$$

$$R = 0.9998$$

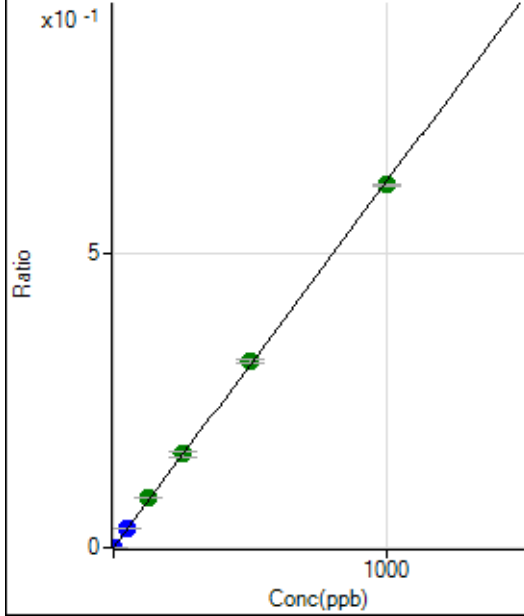
$$DL = 0.1013$$

$$BEC = 0.2555$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.67	0.0000	P	32.1
2	☐	2.000	2.139	41774.70	0.0013	P	1.2
3	☐	50.000	52.565	1031682.19	0.0327	P	4.8
4	☐	125.000	136.674	2667272.06	0.0851	A	3.1
5	☐	250.000	256.738	5175725.13	0.1598	A	5.9
6	☐	500.000	511.121	9988130.96	0.3182	A	2.1
7	☐	1000.000	991.168	19575429.43	0.6170	A	0.2
8	☐			5815.74	0.0002	P	5.1

$$y = 6.2247\text{E-}004 * x + 1.4878\text{E-}006$$

$$R = 0.9998$$

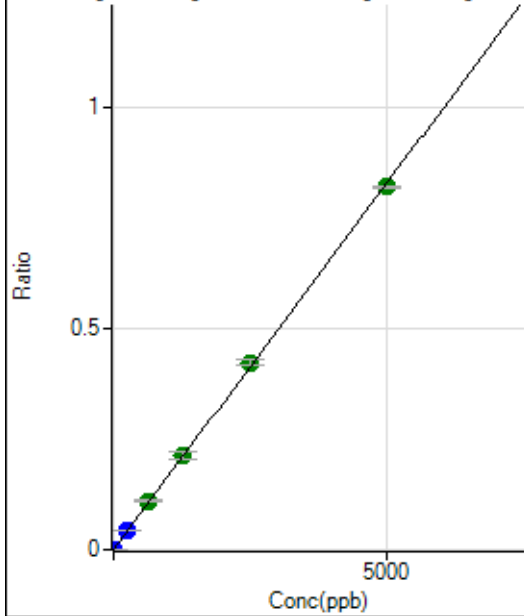
$$DL = 0.0023$$

$$BEC = 0.00239$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.89	0.0000	P	16.0
2	☐	10.000	10.361	53794.10	0.0017	P	2.3
3	☐	250.000	260.292	1357261.66	0.0430	P	4.6
4	☐	625.000	669.590	3471786.30	0.1107	A	2.4
5	☐	1250.000	1284.545	6877637.54	0.2124	A	6.7
6	☐	2500.000	2556.629	13270538.13	0.4228	A	2.8
7	☐	5000.000	4956.960	26007601.56	0.8197	A	0.2
8	☐			8522.75	0.0003	P	2.8

$$y = 1.6536\text{E-}004 * x + 3.1658\text{E-}006$$

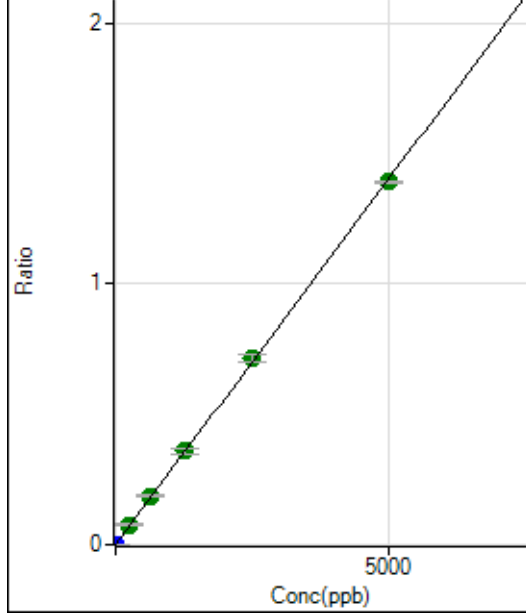
$$R = 0.9999$$

$$DL = 0.009209$$

$$BEC = 0.01914$$

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	170.00	0.0000	P	11.9
2	☐	10.000	10.616	93410.90	0.0030	P	0.9
3	☐	250.000	273.898	2419894.30	0.0768	A	5.4
4	☐	625.000	661.566	5812144.43	0.1854	A	3.2
5	☐	1250.000	1286.393	11672686.22	0.3605	A	6.2
6	☐	2500.000	2542.474	22359159.67	0.7124	A	3.9
7	☐	5000.000	4963.898	44130861.56	1.3909	A	0.2
8	☐			14411.17	0.0005	P	2.1

$$y = 2.8021E-004 * x + 5.4365E-006$$

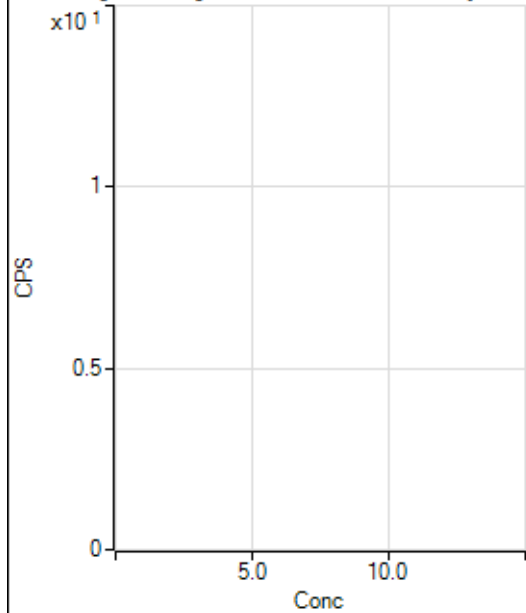
$$R = 0.9999$$

$$DL = 0.006939$$

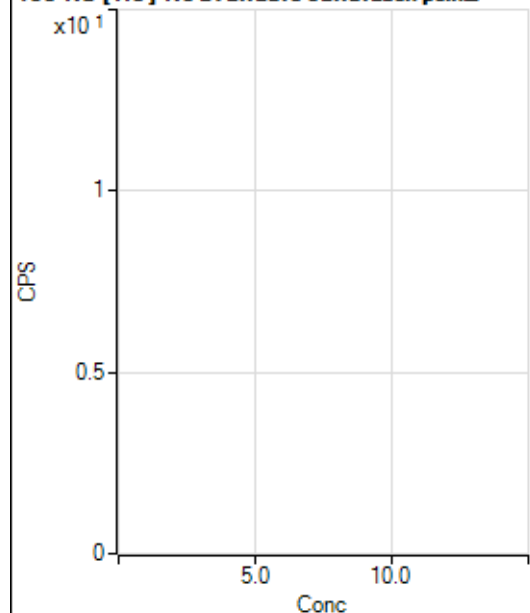
$$BEC = 0.0194$$

Weight: <None>

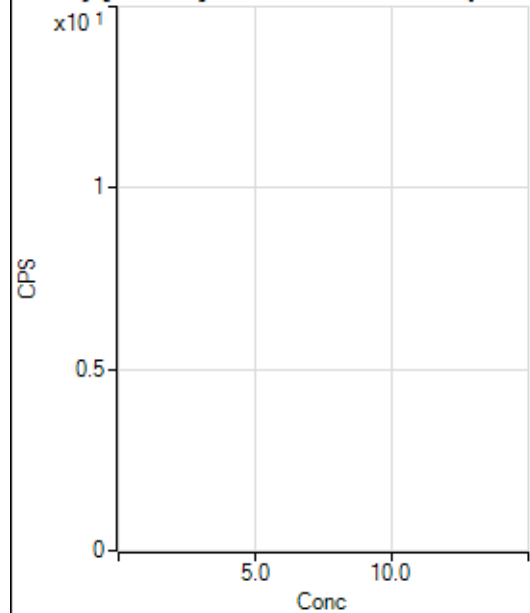
Min Conc: 0

150 Nd [No Gas] No available calibration points

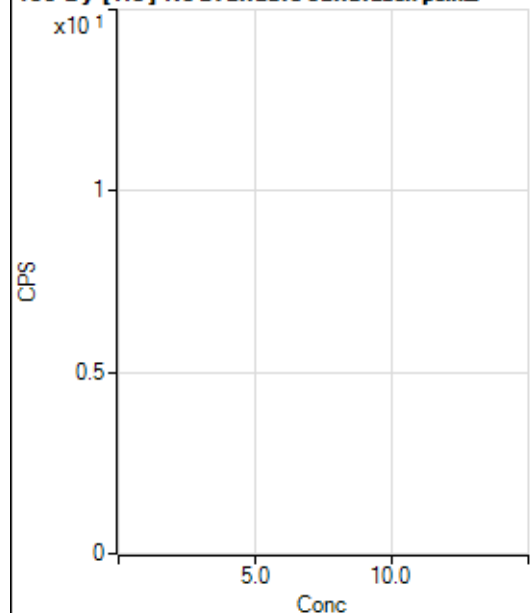
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	24.1
2	☐			23.33		P	14.3
3	☐			136.67		P	12.9
4	☐			291.12		P	5.8
5	☐			594.46		P	5.8
6	☐			1210.06		P	2.0
7	☐			2247.99		P	1.0
8	☐			387.79		P	9.5

150 Nd [He] No available calibration points

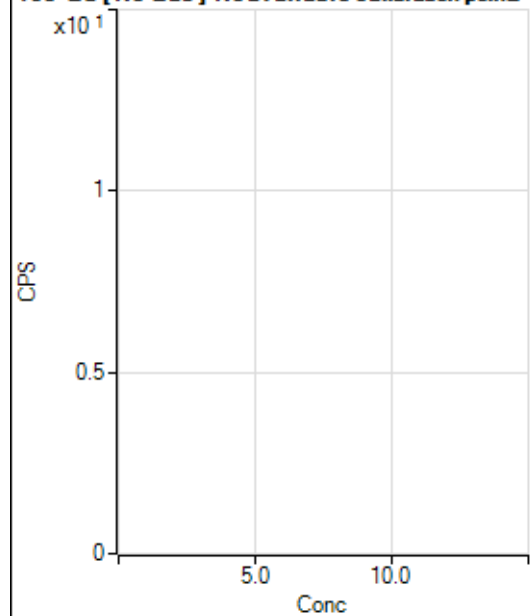
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			3.33		P	100.
3	☐			11.11		P	75.5
4	☐			18.89		P	20.4
5	☐			42.22		P	25.4
6	☐			87.78		P	11.0
7	☐			148.89		P	16.2
8	☐			110.00		P	8.0

156 Dy [No Gas] No available calibration points

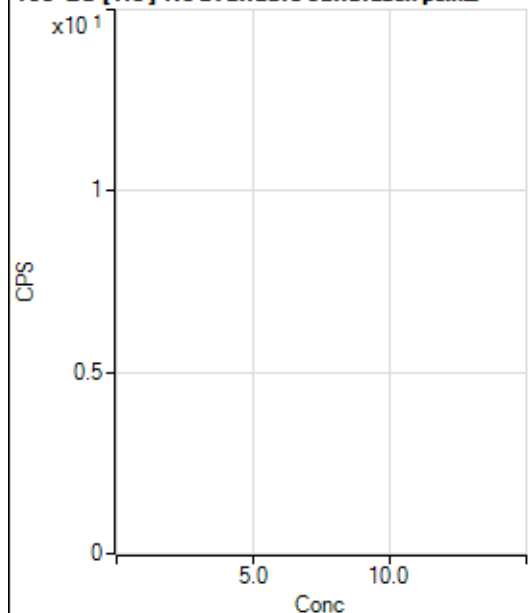
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			18.89		P	66.8
3	☐			62.22		P	34.4
4	☐			108.89		P	11.6
5	☐			177.78		P	19.2
6	☐			335.57		P	4.1
7	☐			668.91		P	4.7
8	☐			725.58		P	7.2

156 Dy [He] No available calibration points

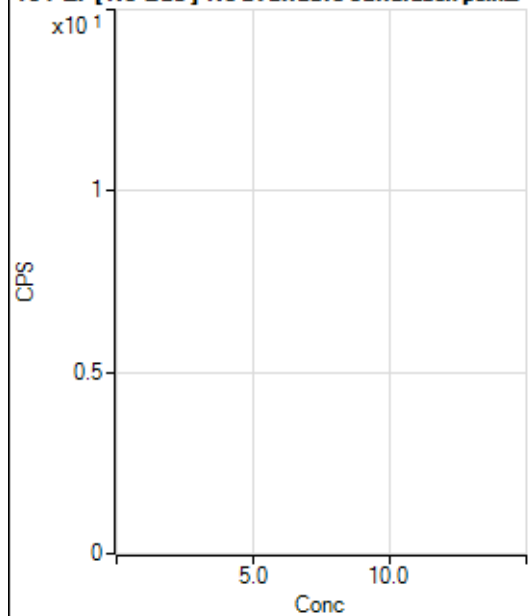
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			11.11		P	34.6
3	☐			10.00		P	88.2
4	☐			26.66		P	57.3
5	☐			44.45		P	8.7
6	☐			65.56		P	19.2
7	☐			128.89		P	3.9
8	☐			254.45		P	7.4

160 Gd [No Gas] Noavailable calibration poin...

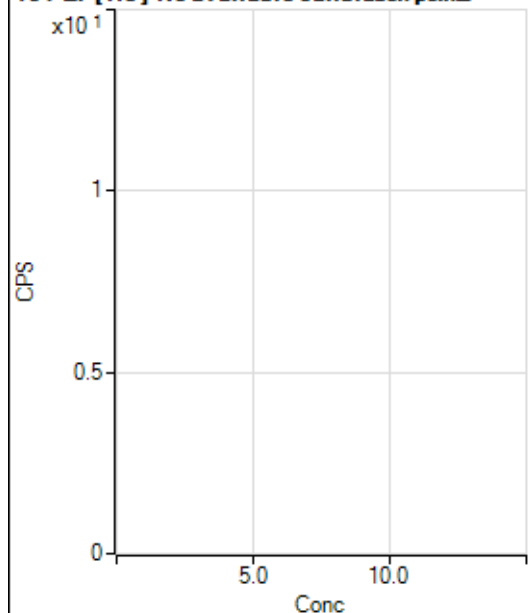
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			181.11		P	14.9
2	☐			200.01		P	23.5
3	☐			220.01		P	18.4
4	☐			228.89		P	19.0
5	☐			243.34		P	7.6
6	☐			362.23		P	12.0
7	☐			542.24		P	3.2
8	☐			797.81		P	5.4

160 Gd [He] No available calibration points

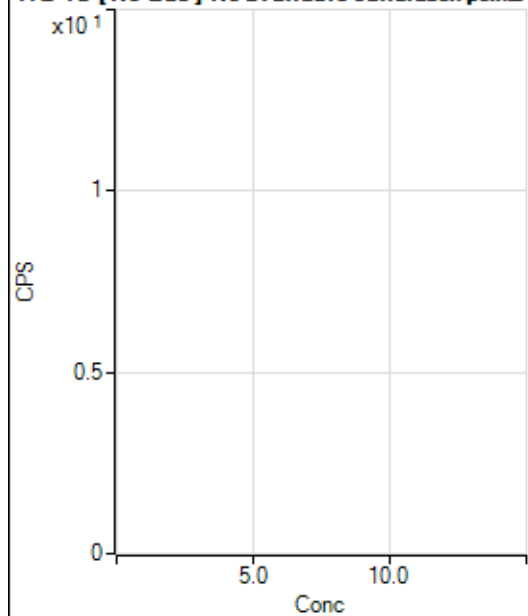
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37.78		P	22.2
2	☐			42.22		P	44.9
3	☐			38.89		P	47.2
4	☐			61.11		P	19.2
5	☐			76.67		P	15.7
6	☐			96.67		P	6.0
7	☐			183.34		P	25.5
8	☐			353.34		P	8.2

164 Er [No Gas] No available calibration points

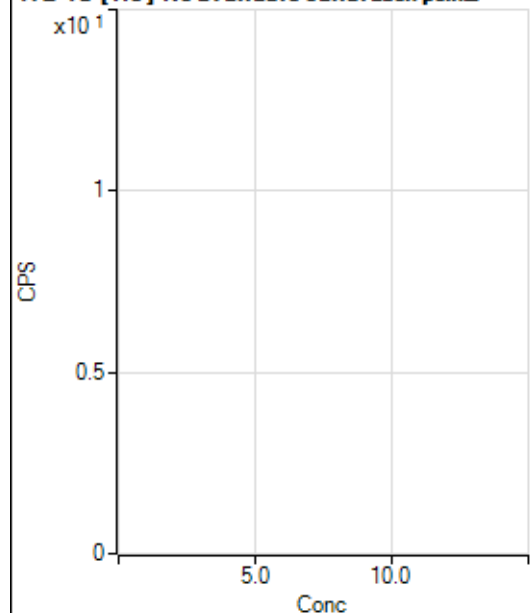
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	6.1
2	☐			126.67		P	16.0
3	☐			162.22		P	9.7
4	☐			233.34		P	3.8
5	☐			325.57		P	11.9
6	☐			430.01		P	6.3
7	☐			622.24		P	8.8
8	☐			833.37		P	5.0

164 Er [He] No available calibration points

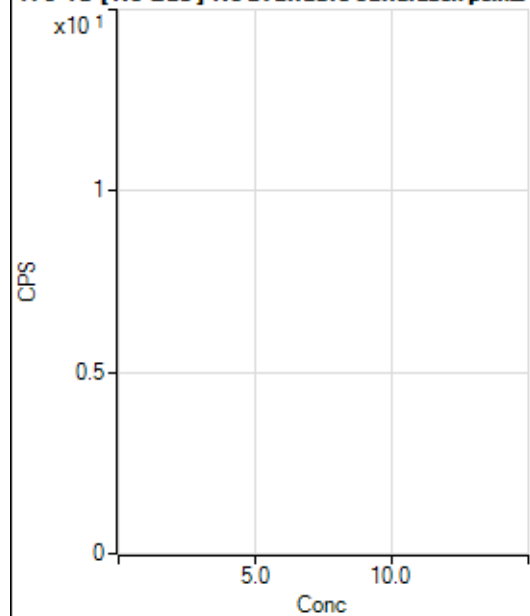
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	40.1
2	☐			46.67		P	18.9
3	☐			54.45		P	7.1
4	☐			85.55		P	27.4
5	☐			106.67		P	9.4
6	☐			120.00		P	43.7
7	☐			193.34		P	22.8
8	☐			294.45		P	9.9

172 Yb [No Gas] No available calibration points

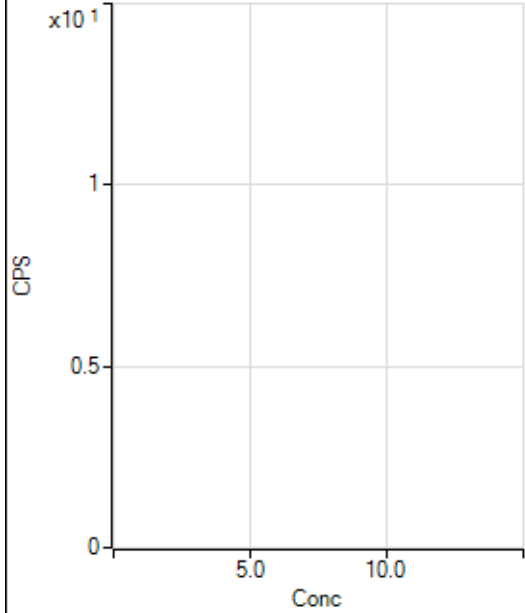
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			161.11		P	24.0
2	☐			146.67		P	3.9
3	☐			196.67		P	16.3
4	☐			261.11		P	14.8
5	☐			278.89		P	10.0
6	☐			390.01		P	3.1
7	☐			636.69		P	6.0
8	☐			926.71		P	7.6

172 Yb [He] No available calibration points

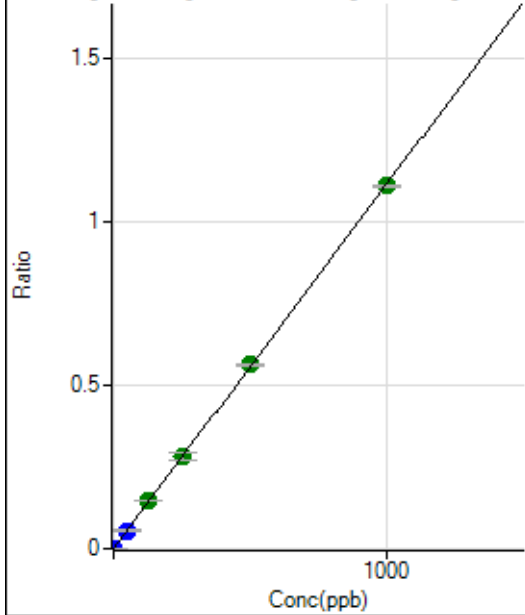
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.44		P	25.5
2	☐			57.78		P	13.3
3	☐			73.33		P	29.8
4	☐			97.78		P	13.8
5	☐			124.45		P	20.3
6	☐			153.34		P	23.9
7	☐			280.01		P	18.0
8	☐			438.90		P	19.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3708.34		P	9.3
2	☐			3707.23		P	4.3
3	☐			8801.90		P	2.1
4	☐			15836.25		P	1.4
5	☐			28161.22		P	0.5
6	☐			51204.37		P	1.1
7	☐			96699.56		P	0.9
8	☐			3835.04		P	2.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			991.16		P	6.3
2	☐			826.70		P	6.3
3	☐			2710.31		P	1.2
4	☐			5313.34		P	3.0
5	☐			9595.81		P	2.2
6	☐			17444.95		P	1.2
7	☐			34173.07		P	0.6
8	☐			950.04		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	165.56	0.0000	P	25.4
2	☐	1.000	1.003	20871.28	0.0011	P	3.1
3	☐	50.000	50.010	1041612.21	0.0558	P	4.5
4	☐	125.000	131.226	2704889.54	0.1464	A	1.9
5	☐	250.000	253.274	5349935.92	0.2825	A	6.6
6	☐	500.000	504.842	10141066.93	0.5630	A	0.6
7	☐	1000.000	995.982	19876028.04	1.1108	A	0.3
8	☐			1203.41	0.0001	P	22.1

$$y = 0.0011 * x + 8.9821E-006$$

$$R = 1.0000$$

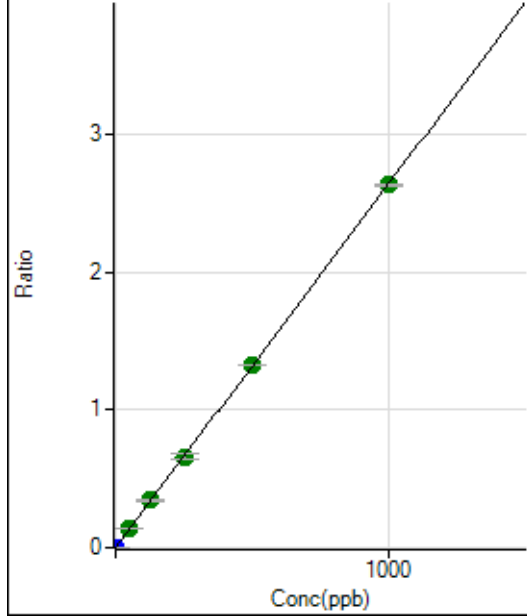
$$DL = 0.00613$$

$$BEC = 0.008054$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	381.12	0.0000	P	2.8
2	☐	1.000	1.006	49588.94	0.0027	P	1.7
3	☐	50.000	51.798	2556518.09	0.1369	A	4.2
4	☐	125.000	129.638	6330215.18	0.3426	A	3.3
5	☐	250.000	251.149	12567836.34	0.6637	A	7.1
6	☐	500.000	502.782	23932527.98	1.3287	A	0.4
7	☐	1000.000	997.652	47175521.52	2.6364	A	0.3
8	☐			2823.69	0.0002	P	16.6

$$y = 0.0026 * x + 2.0448E-005$$

$$R = 1.0000$$

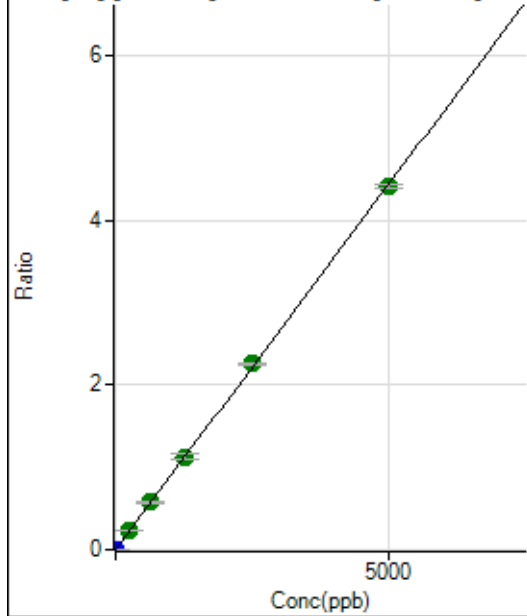
$$DL = 0.0006551$$

$$BEC = 0.007738$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1093.39	0.0001	P	10.0
2	☐	1.000	0.995	17439.56	0.0009	P	2.9
3	☐	250.000	264.512	4387140.98	0.2349	A	3.8
4	☐	625.000	651.092	10683633.59	0.5781	A	2.4
5	☐	1250.000	1267.441	21316000.38	1.1253	A	6.2
6	☐	2500.000	2545.780	40709414.11	2.2603	A	1.2
7	☐	5000.000	4968.763	78936059.93	4.4115	A	0.9
8	☐			10152.95	0.0007	P	1.7

$$y = 8.8783E-004 * x + 5.8923E-005$$

$$R = 0.9999$$

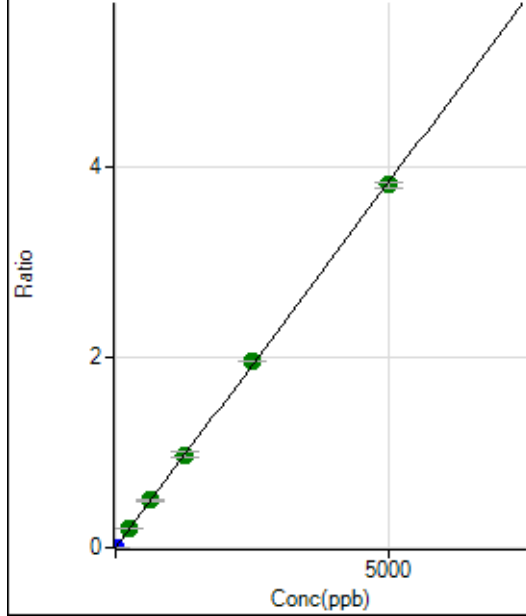
$$DL = 0.02$$

$$BEC = 0.06637$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1020.05	0.0001	P	7.6
2	☐	1.000	1.013	15437.08	0.0008	P	4.5
3	☐	250.000	264.240	3796890.95	0.2033	A	4.8
4	☐	625.000	651.221	9257092.71	0.5011	A	4.0
5	☐	1250.000	1265.965	18448205.14	0.9740	A	6.5
6	☐	2500.000	2551.927	35363620.86	1.9634	A	0.7
7	☐	5000.000	4966.055	68362541.20	3.8207	A	1.8
8	☐			8778.62	0.0006	P	3.6

$$y = 7.6935E-004 * x + 5.4896E-005$$

$$R = 0.9999$$

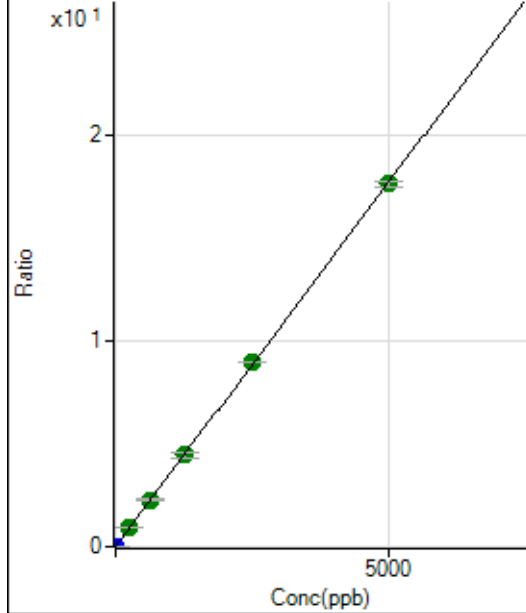
$$DL = 0.0163$$

$$BEC = 0.07135$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4421.46	0.0002	P	8.2
2	☐	1.000	1.005	70430.99	0.0038	P	2.1
3	☐	250.000	261.300	17309940.40	0.9270	A	4.7
4	☐	625.000	646.399	42365062.63	2.2930	A	3.6
5	☐	1250.000	1257.129	84444993.74	4.4592	A	6.8
6	☐	2500.000	2530.335	161657695.3	8.9751	A	0.6
7	☐	5000.000	4979.810	316049160.8	17.6632	A	1.3
8	☐			40682.64	0.0028	P	2.3

$$y = 0.0035 * x + 2.3802E-004$$

$$R = 1.0000$$

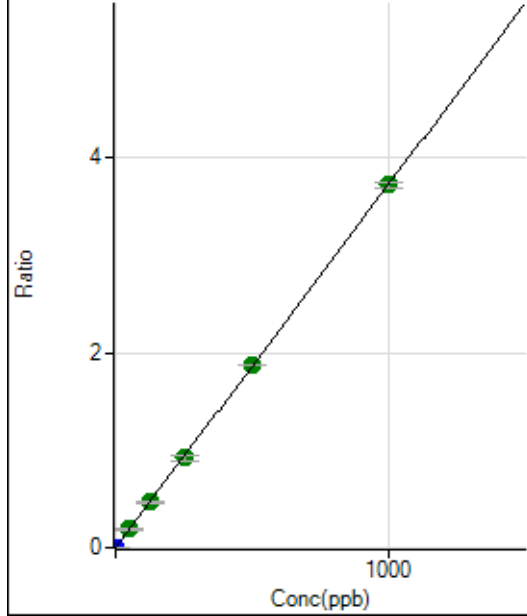
$$DL = 0.01648$$

$$BEC = 0.06711$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	46.4
2	☐	1.000	0.968	66752.91	0.0036	P	2.5
3	☐	50.000	50.320	3498483.94	0.1874	A	5.4
4	☐	125.000	124.648	8577221.75	0.4642	A	3.2
5	☐	250.000	246.433	17369832.80	0.9177	A	8.2
6	☐	500.000	503.587	33779443.11	1.8754	A	0.6
7	☐	1000.000	999.126	66583117.34	3.7208	A	1.5
8	☐			1883.58	0.0001	P	12.4

$$y = 0.0037 * x + 2.6723E-006$$

$$R = 1.0000$$

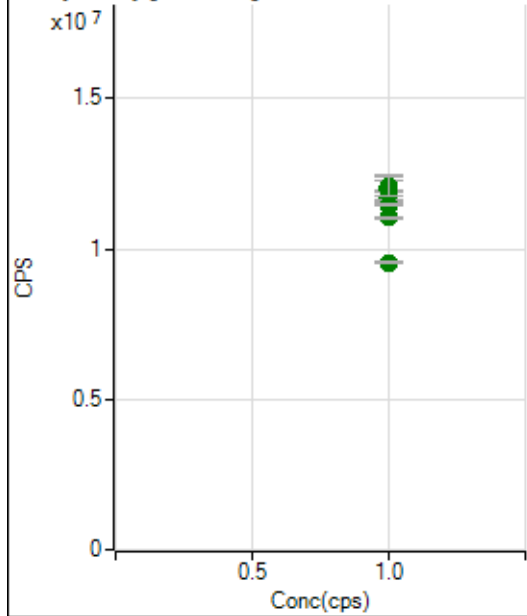
$$DL = 0.000998$$

$$BEC = 0.0007176$$

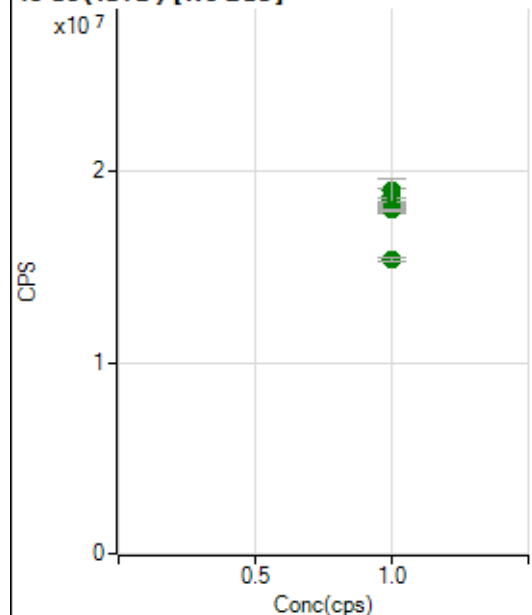
Weight: <None>

Min Conc: 0

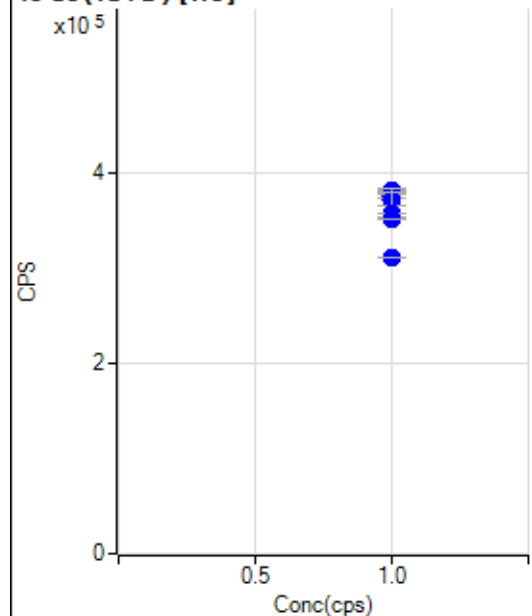
6 Li (ISTD) [No Gas]



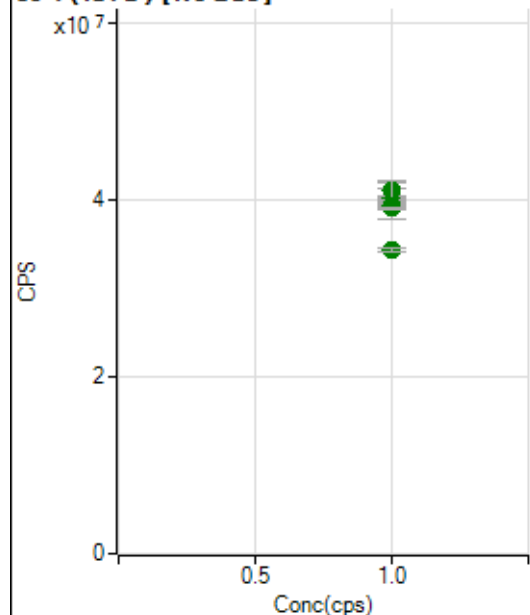
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12004663.50		A	7.3
2	☐	1.000		11901657.42		A	0.4
3	☐	1.000		11961183.94		A	5.3
4	☐	1.000		11690891.26		A	0.7
5	☐	1.000		12058517.60		A	5.3
6	☐	1.000		11471899.99		A	0.9
7	☐	1.000		11030912.71		A	0.3
8	☐	1.000		9552965.27		A	1.0

45 Sc (ISTD) [No Gas]

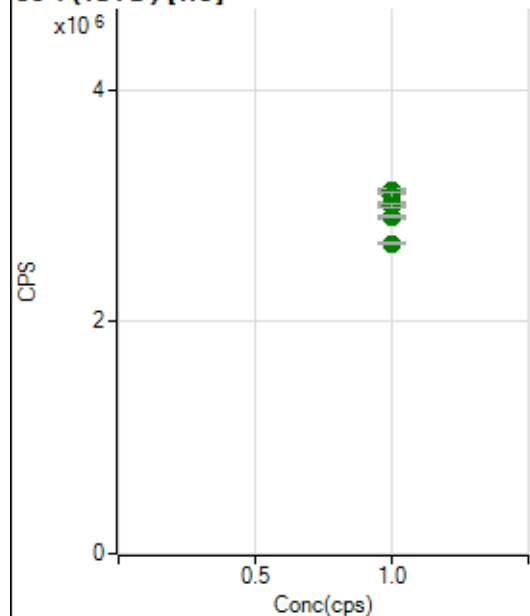
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18748619.58		A	9.2
2	☐	1.000		18497075.00		A	1.0
3	☐	1.000		18743800.69		A	4.3
4	☐	1.000		18406775.98		A	2.0
5	☐	1.000		18990975.13		A	6.3
6	☐	1.000		17978109.04		A	1.8
7	☐	1.000		17972841.40		A	1.0
8	☐	1.000		15403974.63		A	0.8

45 Sc (ISTD) [He]

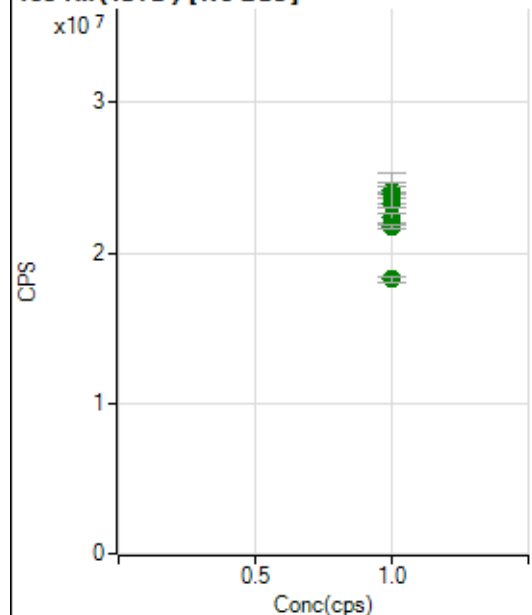
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		376485.05		P	1.1
2	☐	1.000		381854.71		P	0.6
3	☐	1.000		380646.93		P	1.6
4	☐	1.000		373117.83		P	3.8
5	☐	1.000		358391.00		P	0.2
6	☐	1.000		352791.58		P	0.7
7	☐	1.000		352596.50		P	0.1
8	☐	1.000		311726.04		P	0.6

89 Y (ISTD) [No Gas]

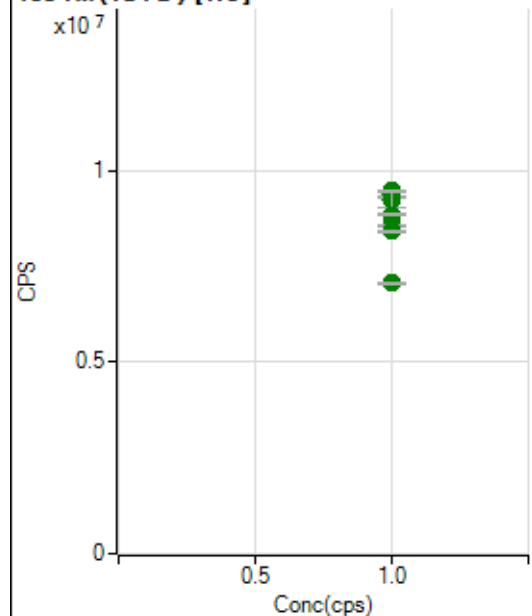
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		39928719.68		A	10.6
2	☐	1.000		39713997.46		A	2.1
3	☐	1.000		40381853.29		A	4.6
4	☐	1.000		40255944.68		A	1.1
5	☐	1.000		40994621.33		A	6.0
6	☐	1.000		39239769.14		A	1.7
7	☐	1.000		39051521.92		A	0.7
8	☐	1.000		34320793.38		A	1.1

89 Y (ISTD) [He]

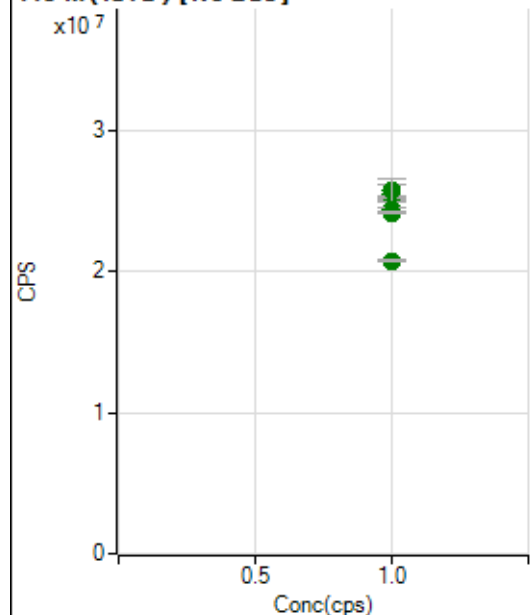
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3013657.77		A	1.4
2	☐	1.000		3118463.25		A	1.3
3	☐	1.000		3127263.63		A	1.8
4	☐	1.000		3075105.03		A	2.8
5	☐	1.000		2993510.02		A	1.0
6	☐	1.000		2895157.84		A	0.5
7	☐	1.000		2903869.40		A	0.6
8	☐	1.000		2672978.80		A	0.4

103 Rh (ISTD) [No Gas]

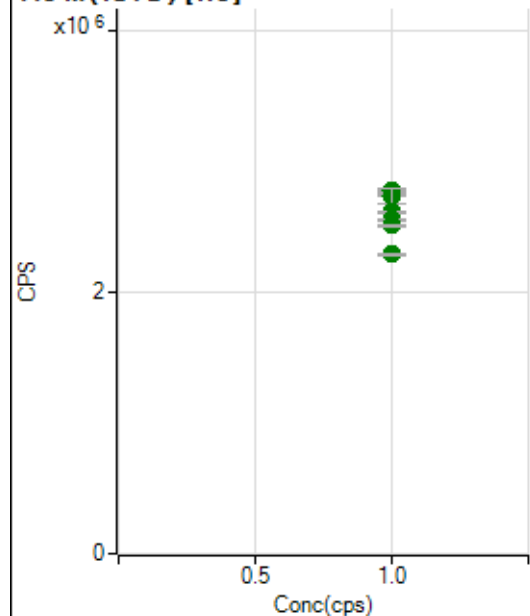
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24119954.09		A	9.4
2	☐	1.000		23980469.37		A	0.8
3	☐	1.000		23844484.37		A	5.0
4	☐	1.000		23320708.54		A	2.3
5	☐	1.000		23848886.87		A	6.9
6	☐	1.000		22326742.44		A	2.9
7	☐	1.000		21754901.76		A	1.0
8	☐	1.000		18244679.45		A	1.9

103 Rh (ISTD) [He]

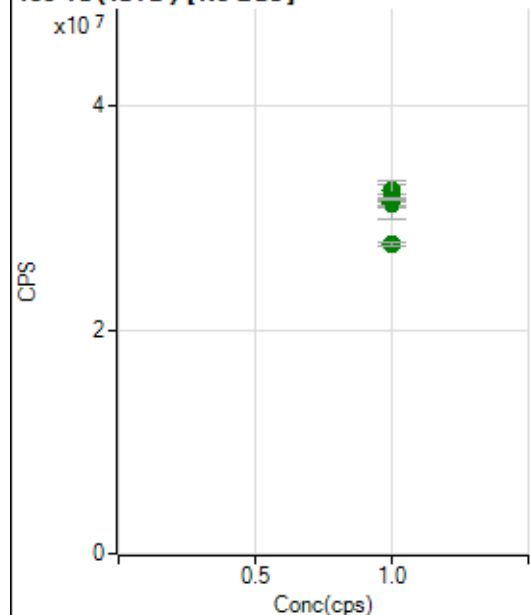
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9318674.24		A	0.1
2	☐	1.000		9462372.29		A	0.7
3	☐	1.000		9385476.46		A	2.0
4	☐	1.000		9227222.08		A	4.5
5	☐	1.000		8843583.90		A	0.4
6	☐	1.000		8559484.25		A	0.6
7	☐	1.000		8422799.04		A	0.6
8	☐	1.000		7053017.81		A	0.3

115 In (ISTD) [No Gas]

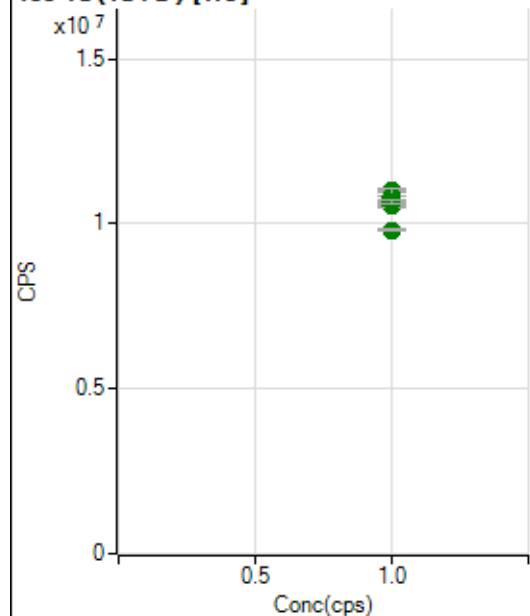
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25389645.48		A	9.7
2	☐	1.000		25199639.03		A	1.2
3	☐	1.000		25535568.01		A	5.0
4	☐	1.000		25296626.43		A	0.8
5	☐	1.000		25719869.99		A	6.2
6	☐	1.000		24373389.04		A	1.6
7	☐	1.000		24187020.57		A	0.1
8	☐	1.000		20755081.35		A	0.9

115 In (ISTD) [He]

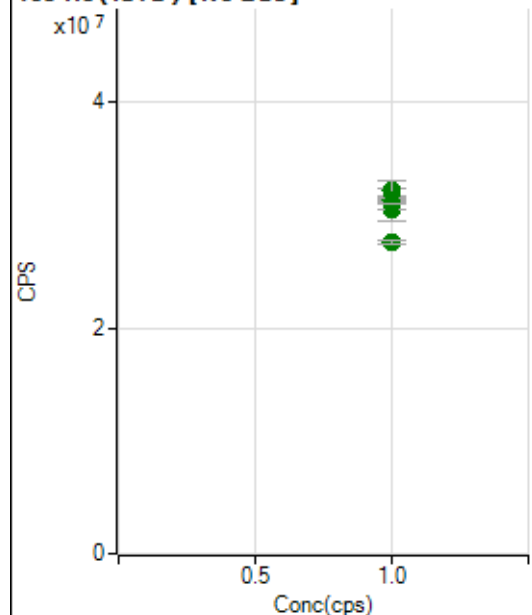
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2752613.86		A	1.6
2	☐	1.000		2763855.18		A	0.9
3	☐	1.000		2775554.84		A	1.1
4	☐	1.000		2736745.50		A	4.5
5	☐	1.000		2613562.38		A	0.5
6	☐	1.000		2556616.08		A	0.7
7	☐	1.000		2508450.39		A	1.0
8	☐	1.000		2291467.77		A	0.8

159 Tb (ISTD) [No Gas]

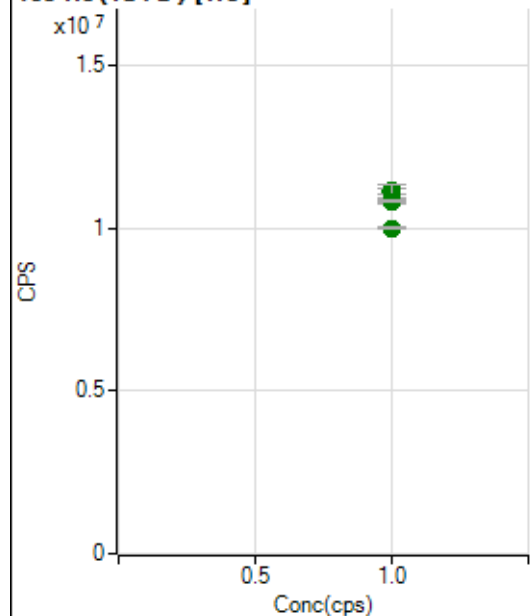
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31519806.20		A	10.0
2	☐	1.000		31346960.36		A	1.4
3	☐	1.000		31568975.92		A	4.0
4	☐	1.000		31364470.37		A	2.1
5	☐	1.000		32451603.68		A	5.2
6	☐	1.000		31400850.92		A	2.0
7	☐	1.000		31728075.08		A	0.4
8	☐	1.000		27712803.76		A	1.2

159 Tb (ISTD) [He]

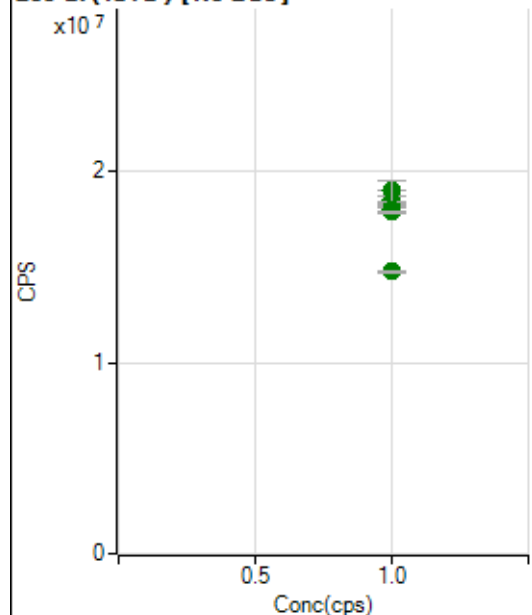
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10674004.01		A	0.7
2	☐	1.000		10793550.54		A	0.8
3	☐	1.000		10992630.25		A	0.8
4	☐	1.000		10839810.60		A	4.3
5	☐	1.000		10556629.43		A	0.6
6	☐	1.000		10553265.61		A	1.0
7	☐	1.000		10639496.23		A	1.1
8	☐	1.000		9794210.55		A	0.6

165 Ho (ISTD) [No Gas]

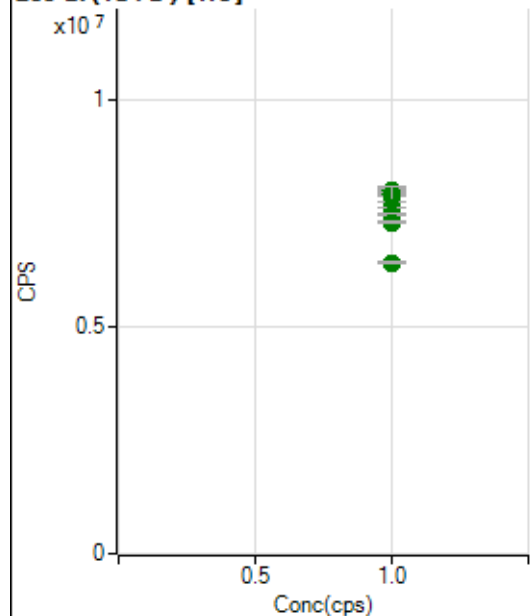
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		30943772.87		A	9.2
2	☐	1.000		30475035.10		A	0.3
3	☐	1.000		31064848.70		A	3.9
4	☐	1.000		30961717.60		A	2.7
5	☐	1.000		32154123.97		A	5.2
6	☐	1.000		31333874.81		A	1.3
7	☐	1.000		31090488.15		A	0.0
8	☐	1.000		27599511.81		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10889918.52		A	1.3
2	☐	1.000		11068766.50		A	0.1
3	☐	1.000		11162208.45		A	1.3
4	☐	1.000		11151390.04		A	3.9
5	☐	1.000		10842581.85		A	0.9
6	☐	1.000		10801870.54		A	1.1
7	☐	1.000		10853116.78		A	0.2
8	☐	1.000		10021389.50		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18670849.03		A	9.5
2	☐	1.000		18518518.33		A	1.9
3	☐	1.000		18694726.11		A	3.9
4	☐	1.000		18487494.45		A	2.6
5	☐	1.000		18989094.16		A	6.0
6	☐	1.000		18012651.68		A	1.3
7	☐	1.000		17894002.93		A	0.7
8	☐	1.000		14746845.06		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7870303.63		A	0.1
2	☐	1.000		7976620.30		A	0.3
3	☐	1.000		7989597.04		A	1.5
4	☐	1.000		7926724.12		A	4.4
5	☐	1.000		7623576.35		A	0.5
6	☐	1.000		7459110.93		A	0.7
7	☐	1.000		7298141.14		A	0.5
8	☐	1.000		6402646.29		A	0.4