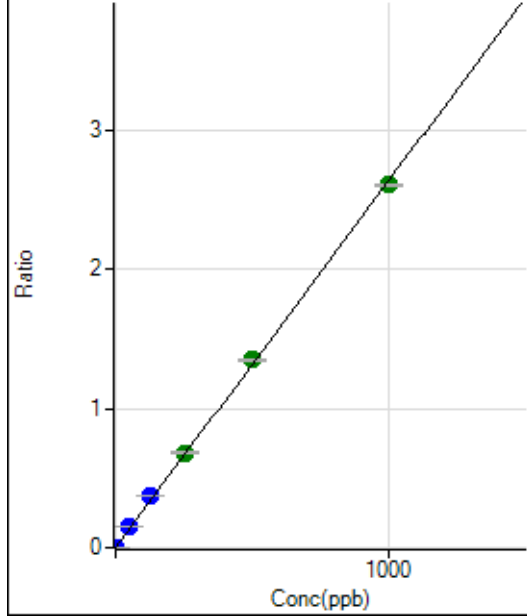


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040825 MS.b\
Analysis File: P8040825 MS.batch.bin
DA Date-Time: 2025-04-09 09:15:03
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-08 13:17:50
2	006CALS.d	S02	2025-04-08 13:24:35
3	007CALB.d	S03	2025-04-08 13:27:57
4	008CALS.d	S04	2025-04-08 13:30:59
5	009CALS.d	S05	2025-04-08 13:33:51
6	010CALS.d	S06	2025-04-08 13:36:39
7	011CALS.d	S07	2025-04-08 13:39:24
8	012CALS.d	S08	2025-04-08 13:42:14

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	33.35	0.0000	P	15.4
2	☐	1.000	1.125	7611.51	0.0030	P	0.9
3	☐	50.000	57.476	390108.53	0.1512	P	0.6
4	☐	125.000	141.051	956776.51	0.3710	P	1.1
5	☐	250.000	258.787	1713826.02	0.6807	A	1.6
6	☐	500.000	511.589	3339005.02	1.3456	A	1.6
7	☐	1000.000	989.628	6268855.04	2.6029	A	0.8
8	☐			-6.39	0.0000	P	-1353.

$$y = 0.0026 * x + 1.2886E-005$$

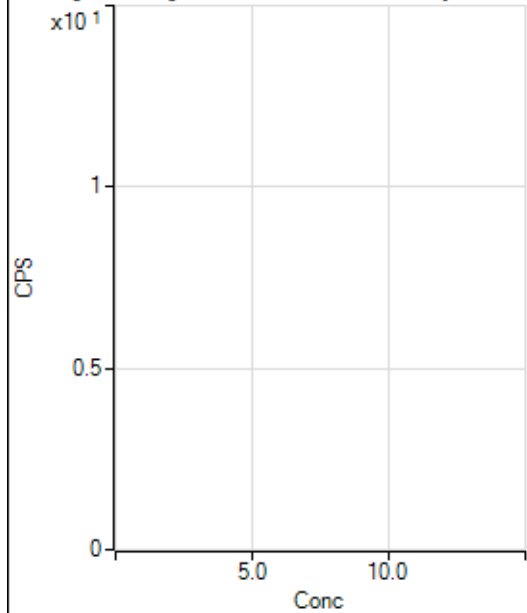
$$R = 0.9998$$

$$DL = 0.00226$$

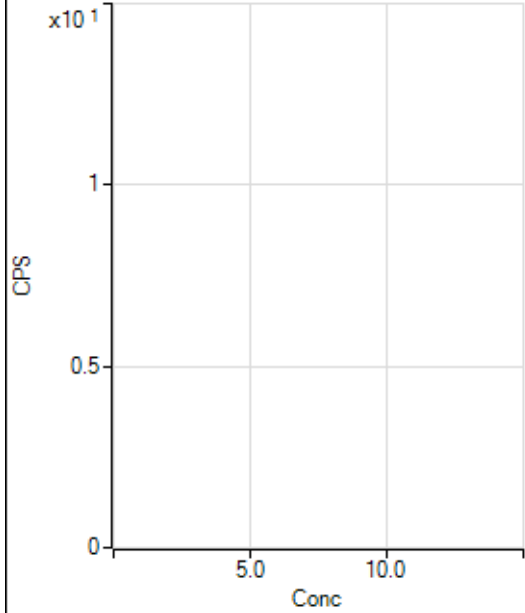
$$BEC = 0.004899$$

Weight: <None>

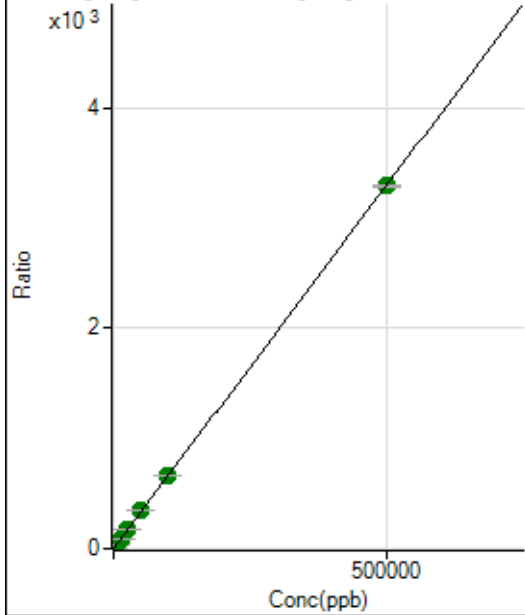
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4913647.98		A	2.7
2	☐			4895697.46		A	3.3
3	☐			5296064.71		A	3.1
4	☐			5870325.75		A	1.7
5	☐			5385874.85		A	2.0
6	☐			5704060.89		A	0.3
7	☐			6471545.60		A	0.6
8	☐			5081542.70		A	1.7

12 C [He] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			35190.97		P	1.4
2	☐			34828.93		P	0.3
3	☐			38322.07		P	1.2
4	☐			42090.14		P	2.1
5	☐			39030.61		P	0.9
6	☐			42569.24		P	1.7
7	☐			49996.84		P	1.3
8	☐			52534.52		P	0.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	54471.10	0.3957	P	0.6
2	☐	500.000	524.242	528816.98	3.8522	P	0.8
3	☐	5000.000	5437.067	4995221.94	36.2443	A	1.2
4	☐	12500.000	13442.039	11976832.60	89.0239	A	0.6
5	☐	25000.000	26680.817	23222645.21	176.3120	A	0.6
6	☐	50000.000	52786.227	45794154.88	348.4345	A	0.6
7	☐	100000.00	101590.91	88996146.45	670.2216	A	0.1
8	☐	500000.00	499291.20	408781980.5	3,292.4042	A	0.5

$$y = 0.0066 * x + 0.3957$$

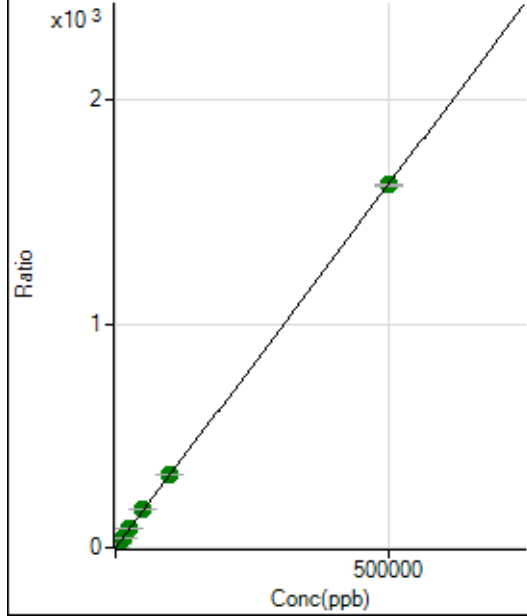
$$R = 1.0000$$

$$DL = 1.099$$

$$BEC = 60.01$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	455.57	0.0033	P	7.0
2	☐	500.000	537.710	240060.31	1.7487	P	0.2
3	☐	5000.000	5545.038	2480982.66	18.0022	A	1.0
4	☐	12500.000	13509.614	5899984.70	43.8548	A	0.7
5	☐	25000.000	27007.722	11547306.77	87.6689	A	1.3
6	☐	50000.000	52465.576	22382514.67	170.3036	A	0.1
7	☐	100000.00	100779.32	43437917.13	327.1273	A	0.4
8	☐	500000.00	499466.46	201292790.3	1,621.2434	A	0.8

$$y = 0.0032 * x + 0.0033$$

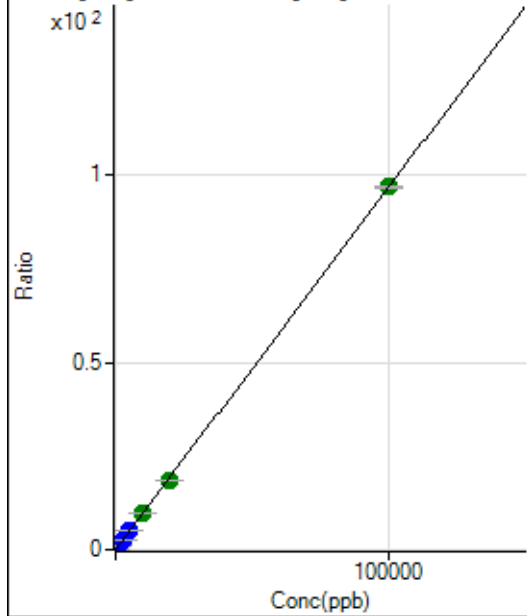
$$R = 1.0000$$

$$DL = 0.2143$$

$$BEC = 1.02$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	275.56	0.0020	P	11.5
2	☐	20.000	20.771	3030.35	0.0221	P	2.4
3	☐	1000.000	1062.995	141838.03	1.0291	P	1.1
4	☐	2500.000	2638.260	343240.50	2.5513	P	0.6
5	☐	5000.000	5173.828	658737.37	5.0013	P	0.4
6	☐	10000.000	9898.114	1257258.32	9.5662	A	0.3
7	☐	20000.000	19113.621	2452636.79	18.4709	A	0.3
8	☐	100000.00	100174.68	12018522.18	96.7976	A	0.8

$$y = 9.6627E-004 * x + 0.0020$$

$$R = 0.9999$$

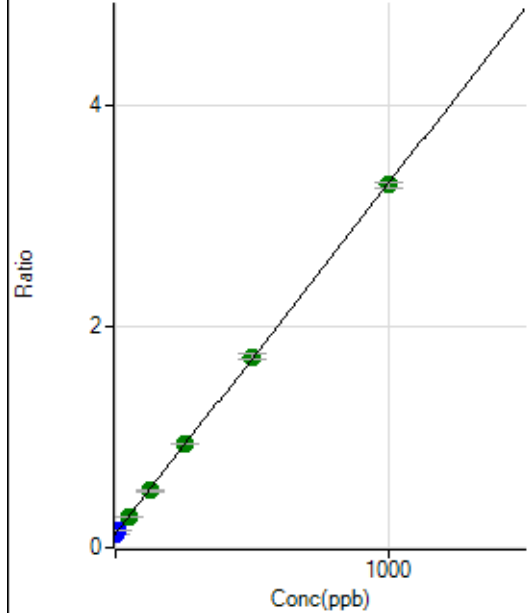
$$DL = 0.7147$$

$$BEC = 2.072$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	705161.90	0.1272	P	1.6
2	☐	10.000	7.204	820919.33	0.1501	P	0.5
3	☐	50.000	47.386	1536357.84	0.2776	A	0.1
4	☐	125.000	122.643	2823294.16	0.5163	A	1.2
5	☐	250.000	257.446	5032410.13	0.9440	A	0.3
6	☐	500.000	506.008	9190381.39	1.7326	A	2.1
7	☐	1000.000	995.588	17110934.60	3.2859	A	1.9
8	☐			985634.60	0.2050	P	4.2

$$y = 0.0032 * x + 0.1272$$

$$R = 0.9999$$

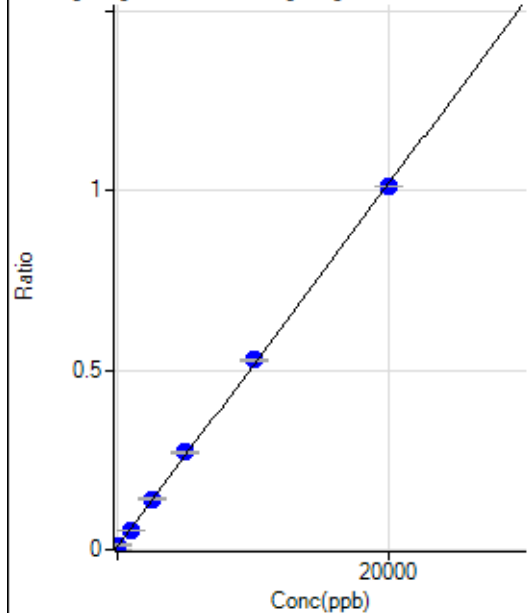
$$DL = 1.952$$

$$BEC = 40.11$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-119.080	156.67	0.0011	P	6.2
2	☐	0.000	119.080	1811.24	0.0132	P	3.5
3	☐	1000.000	947.439	7598.71	0.0551	P	1.5
4	☐	2500.000	2634.683	18907.95	0.1405	P	2.6
5	☐	5000.000	5207.018	35663.75	0.2708	P	0.9
6	☐	10000.000	10276.036	69306.51	0.5274	P	1.3
7	☐	20000.000	19796.020	134023.23	1.0093	P	0.2
8	☐			190.00	0.0015	P	30.3

$$y = 5.0624E-005 * x + 0.0072$$

$$R = 0.9997$$

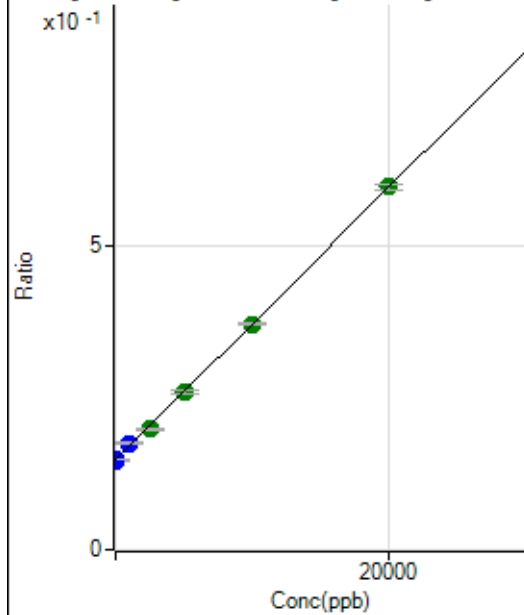
$$DL = 15.76$$

$$BEC = 141.6$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-82.093	806168.32	0.1455	P	0.3
2	☐	0.000	82.093	815740.70	0.1492	P	0.2
3	☐	1000.000	1250.805	970806.19	0.1754	P	0.7
4	☐	2500.000	2261.769	1083222.02	0.1981	A	1.1
5	☐	5000.000	4953.764	1378254.63	0.2586	A	2.1
6	☐	10000.000	9988.847	1971375.32	0.3717	A	0.8
7	☐	20000.000	20034.374	3110348.67	0.5973	A	1.8
8	☐			585188.77	0.1217	P	1.8

$$y = 2.2461E-005 * x + 0.1473$$

R = 0.9998

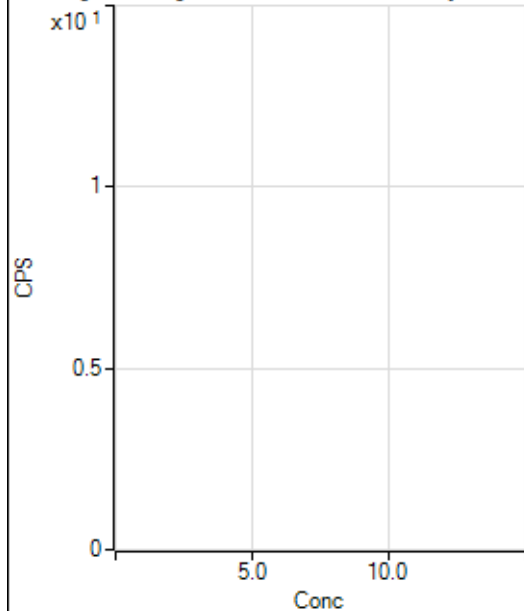
DL = 55.24

BEC = 6558

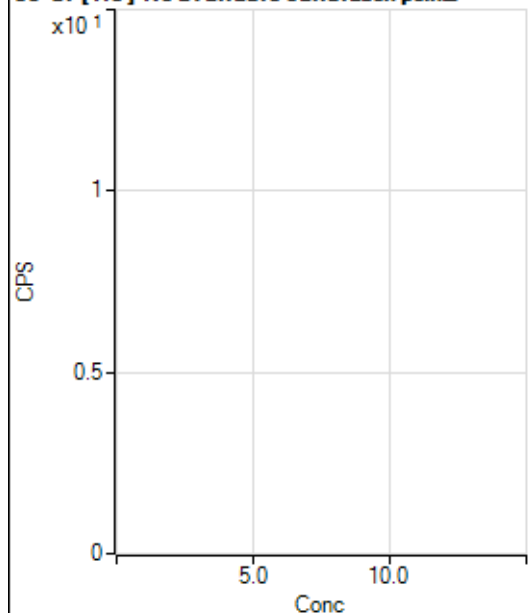
Weight: <None>

Min Conc: 0

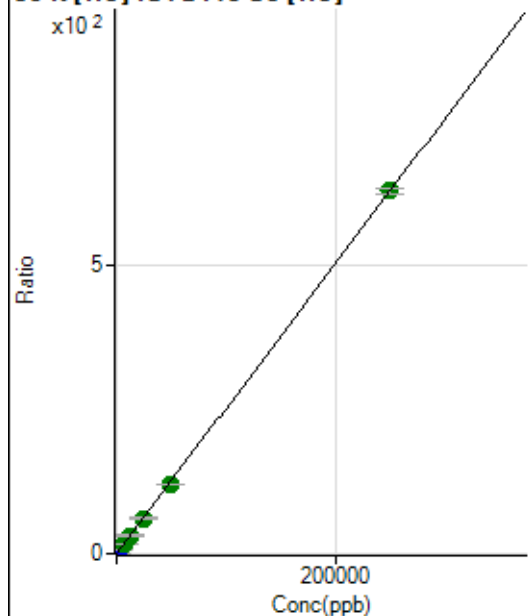
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			142170.91		P	1.0
2	☐			140166.25		P	0.6
3	☐			162038.42		P	0.4
4	☐			170670.65		P	0.6
5	☐			178475.35		P	0.3
6	☐			197700.79		P	1.2
7	☐			224853.32		P	2.0
8	☐			148449.93		P	0.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			718.91		P	8.6
2	☐			706.69		P	2.9
3	☐			854.48		P	16.6
4	☐			813.37		P	9.6
5	☐			898.93		P	8.5
6	☐			1007.83		P	4.4
7	☐			1215.62		P	2.7
8	☐			856.70		P	7.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	21521.73	0.1563	P	1.5
2	☐	500.000	470.752	183127.87	1.3340	P	0.6
3	☐	2500.000	2633.267	929442.99	6.7439	P	0.6
4	☐	6250.000	6365.115	2163442.52	16.0797	A	1.1
5	☐	12500.000	12481.089	4133186.78	31.3797	A	1.5
6	☐	25000.000	24485.443	8070999.12	61.4105	A	0.3
7	☐	50000.000	47553.501	15816934.07	119.1188	A	0.5
8	☐	250000.00	250537.54	77834747.73	626.9148	A	1.3

$$y = 0.0025 * x + 0.1563$$

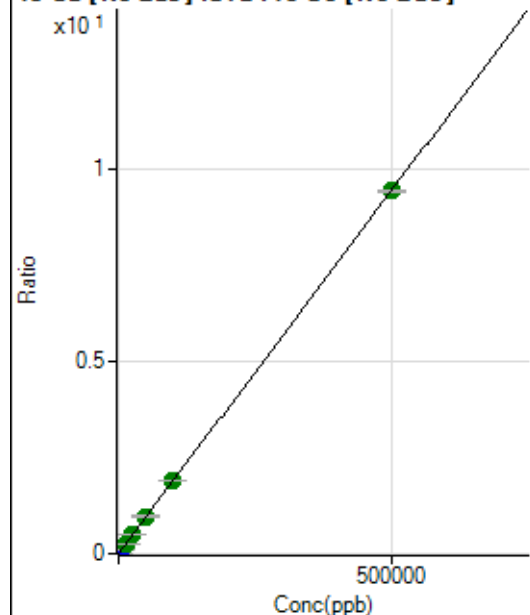
$$R = 0.9999$$

$$DL = 2.789$$

$$BEC = 62.49$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2382.44	0.0004	P	4.3
2	☐	500.000	494.475	53449.78	0.0098	P	1.0
3	☐	5000.000	5434.171	570653.88	0.1031	P	1.3
4	☐	12500.000	13024.961	1348042.25	0.2465	A	0.9
5	☐	25000.000	26114.478	2632590.22	0.4938	A	0.2
6	☐	50000.000	51558.072	5169404.19	0.9746	A	1.2
7	☐	100000.00	100562.74	9897082.84	1.9005	A	0.8
8	☐	500000.00	499658.45	45403380.99	9.4412	A	0.9

$$y = 1.8894\text{E-}005 * x + 4.2991\text{E-}004$$

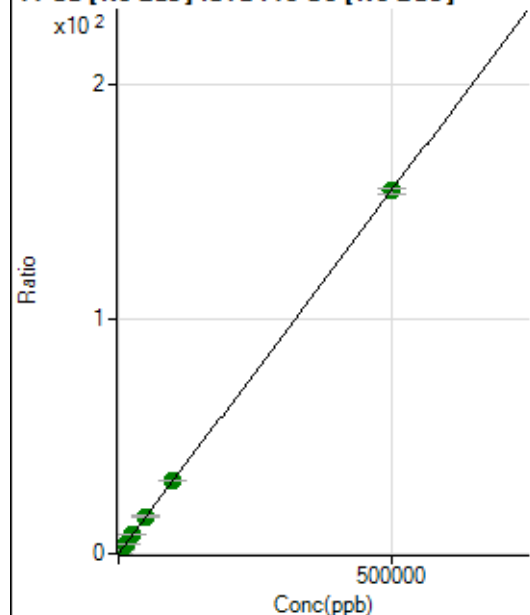
$$R = 1.0000$$

$$DL = 2.907$$

$$BEC = 22.75$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	69772.21	0.0126	P	12.0
2	☐	500.000	488.637	895274.98	0.1637	P	1.4
3	☐	5000.000	5192.160	8956145.91	1.6182	A	1.2
4	☐	12500.000	12904.415	21888625.79	4.0031	A	0.5
5	☐	25000.000	26060.498	43025278.25	8.0714	A	0.7
6	☐	50000.000	51500.548	84540968.18	15.9383	A	1.0
7	☐	100000.00	100527.48	161951416.4	31.0992	A	1.1
8	☐	500000.00	499679.40	743136966.7	154.5308	A	1.4

$$y = 3.0923\text{E-}004 * x + 0.0126$$

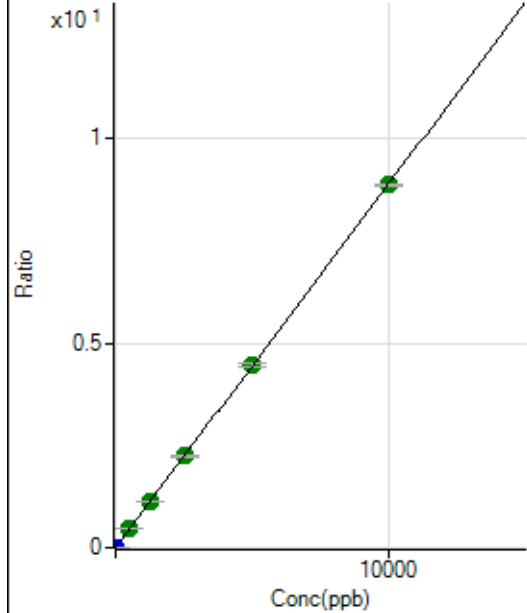
$$R = 1.0000$$

$$DL = 14.63$$

$$BEC = 40.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	394.45	0.0001	P	8.7
2	☐	5.000	5.017	24791.52	0.0045	P	0.2
3	☐	500.000	510.381	2512427.79	0.4539	A	0.3
4	☐	1250.000	1248.068	6068917.41	1.1099	A	0.4
5	☐	2500.000	2516.640	11929779.96	2.2380	A	0.9
6	☐	5000.000	5034.808	23747616.31	4.4772	A	1.7
7	☐	10000.000	9978.158	46206997.09	8.8731	A	0.4
8	☐			3842.78	0.0008	P	2.9

$$y = 8.8924\text{E-}004 * x + 7.1147\text{E-}005$$

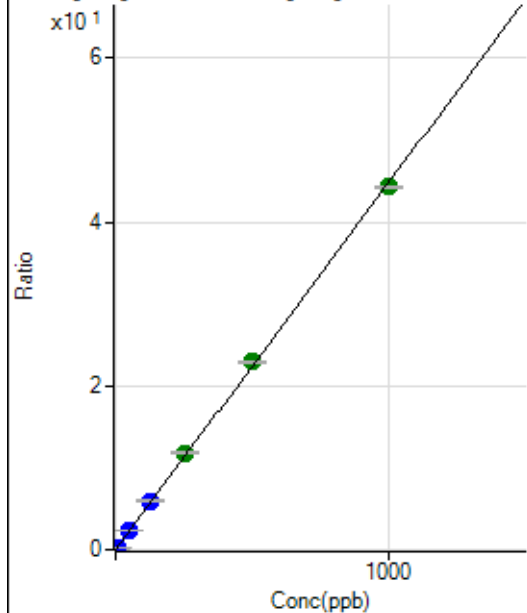
$$R = 1.0000$$

$$DL = 0.0208$$

$$BEC = 0.08001$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0002	P	23.1
2	☐	5.000	4.941	30387.83	0.2214	P	0.5
3	☐	50.000	53.250	328562.43	2.3839	P	0.6
4	☐	125.000	132.975	800859.12	5.9529	P	1.1
5	☐	250.000	263.655	1554591.12	11.8029	A	1.8
6	☐	500.000	512.897	3017490.37	22.9605	A	1.0
7	☐	1000.000	988.979	5878715.05	44.2727	A	0.4
8	☐			1454.53	0.0117	P	5.1

$$y = 0.0448 * x + 1.6150\text{E-}004$$

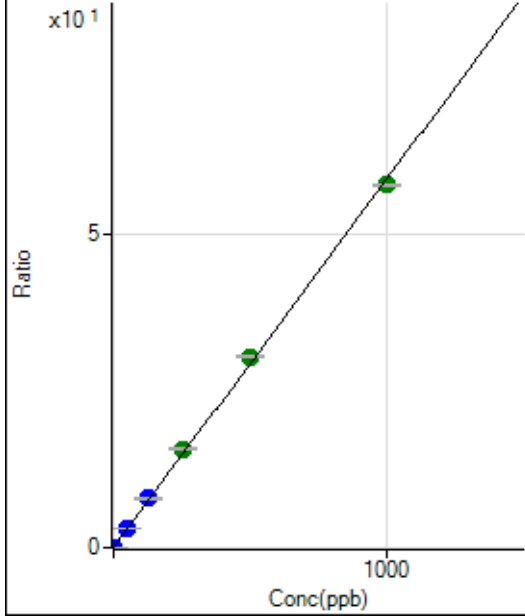
$$R = 0.9998$$

$$DL = 0.002505$$

$$BEC = 0.003608$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2971.45	0.0216	P	1.4
2	☐	2.000	1.963	18791.28	0.1369	P	1.3
3	☐	50.000	53.768	438322.70	3.1804	P	0.8
4	☐	125.000	133.128	1055113.86	7.8426	P	0.7
5	☐	250.000	267.340	2071463.72	15.7272	A	1.1
6	☐	500.000	518.398	4005221.78	30.4764	A	0.9
7	☐	1000.000	985.262	7688529.61	57.9036	A	0.7
8	☐			62690.93	0.5049	P	0.7

$$y = 0.0587 * x + 0.0216$$

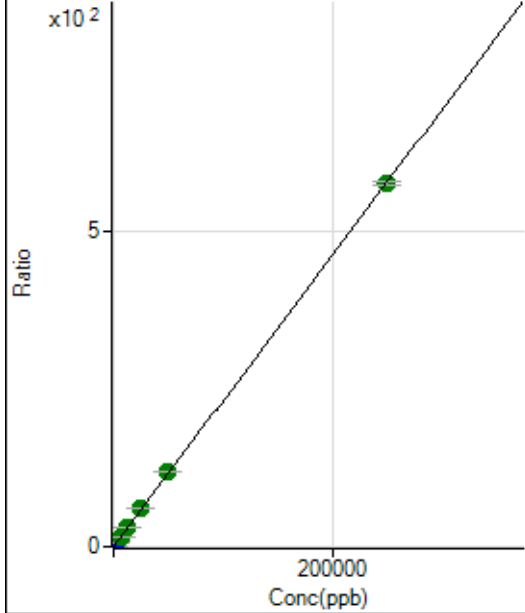
$$R = 0.9996$$

$$DL = 0.01538$$

$$BEC = 0.3674$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1885.70	0.0137	P	1.2
2	☐	50.000	53.535	18833.62	0.1372	P	4.2
3	☐	2500.000	2823.806	899468.00	6.5263	P	0.5
4	☐	6250.000	6967.423	2163770.44	16.0829	A	0.2
5	☐	12500.000	13823.075	4200881.92	31.8943	A	0.5
6	☐	25000.000	26850.050	8139888.70	61.9388	A	1.4
7	☐	50000.000	51667.859	15824535.46	119.1769	A	0.7
8	☐	250000.00	249394.09	71421498.94	575.1989	A	1.1

$$y = 0.0023 * x + 0.0137$$

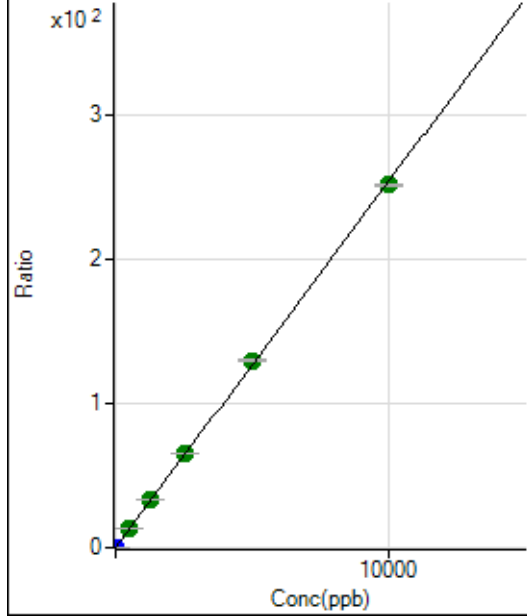
$$R = 1.0000$$

$$DL = 0.2209$$

$$BEC = 5.94$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	811.14	0.0059	P	11.7
2	☐	1.000	1.042	4437.40	0.0323	P	4.1
3	☐	500.000	530.940	1856323.38	13.4704	A	1.9
4	☐	1250.000	1314.322	4485215.07	33.3368	A	0.5
5	☐	2500.000	2576.295	8606115.91	65.3401	A	0.7
6	☐	5000.000	5116.181	17051927.11	129.7510	A	0.8
7	☐	10000.000	9913.248	33382610.89	251.4034	A	0.2
8	☐			18599.97	0.1498	P	1.0

$$y = 0.0254 * x + 0.0059$$

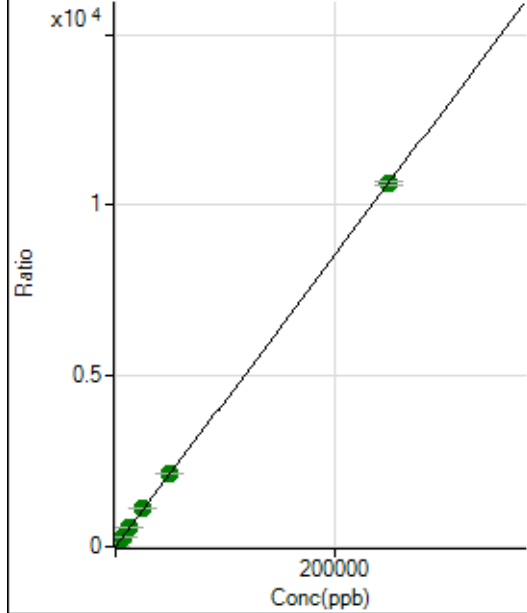
$$R = 0.9999$$

$$DL = 0.08164$$

$$BEC = 0.2324$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	26423.43	0.1919	P	0.8
2	☐	50.000	51.780	328858.55	2.3954	P	1.1
3	☐	2500.000	2732.531	16052085.32	116.4756	A	1.1
4	☐	6250.000	6849.247	39239960.25	291.6637	A	0.9
5	☐	12500.000	13367.521	74951857.22	569.0508	A	0.3
6	☐	25000.000	26516.839	148323216.6	1,128.6240	A	1.0
7	☐	50000.000	50837.821	287296177.9	2,163.6107	A	0.3
8	☐	250000.00	249620.06	1318950842.	10,622.848	A	1.2

$$y = 0.0426 * x + 0.1919$$

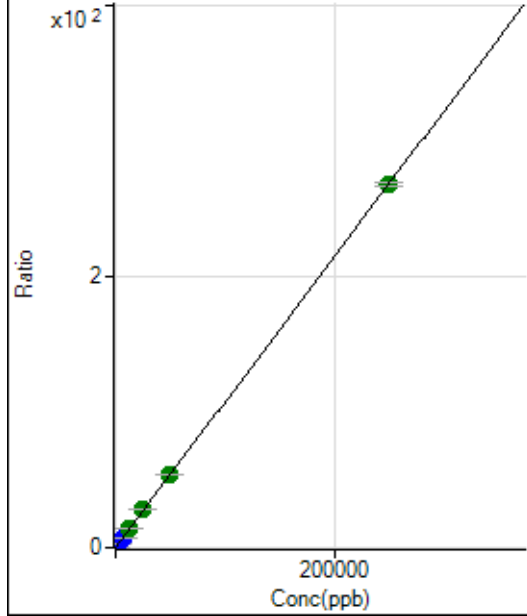
$$R = 1.0000$$

$$DL = 0.1129$$

$$BEC = 4.51$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	670.02	0.0049	P	8.4
2	☐	50.000	50.389	8091.25	0.0589	P	3.0
3	☐	2500.000	2772.291	410645.73	2.9796	P	0.9
4	☐	6250.000	6869.951	992427.78	7.3765	P	0.2
5	☐	12500.000	13646.270	1929294.74	14.6478	A	0.8
6	☐	25000.000	26377.502	3720385.71	28.3088	A	0.7
7	☐	50000.000	50238.823	7158831.07	53.9128	A	0.7
8	☐	250000.00	249738.95	33274339.23	267.9829	A	1.0

$$y = 0.0011 * x + 0.0049$$

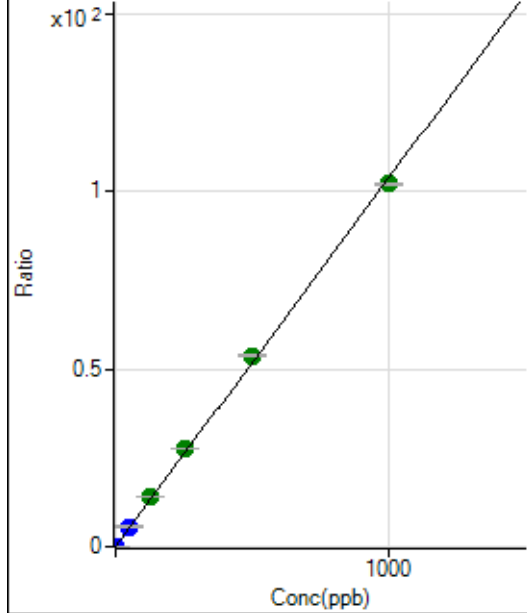
$$R = 1.0000$$

$$DL = 1.141$$

$$BEC = 4.536$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	110.00	0.0008	P	11.1
2	☐	1.000	1.039	14907.90	0.1086	P	1.2
3	☐	50.000	54.771	782942.24	5.6809	P	0.6
4	☐	125.000	135.917	1896484.99	14.0962	A	1.5
5	☐	250.000	266.393	3638901.93	27.6274	A	0.0
6	☐	500.000	518.583	7068191.15	53.7810	A	0.6
7	☐	1000.000	985.007	13563905.63	102.1521	A	0.9
8	☐			28155.72	0.2268	P	1.0

$$y = 0.1037 * x + 7.9921E-004$$

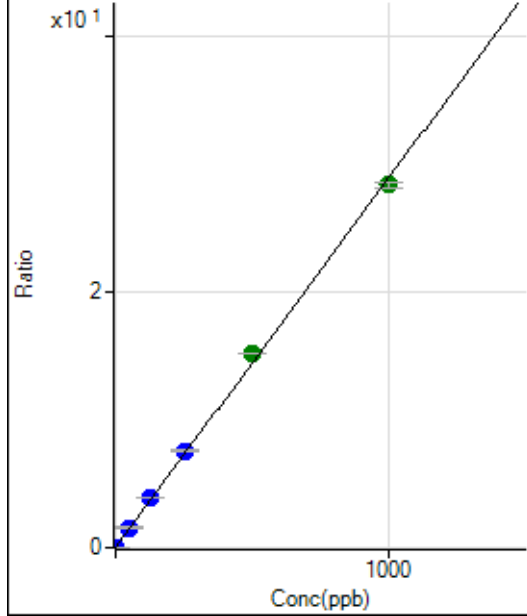
$$R = 0.9996$$

$$DL = 0.002565$$

$$BEC = 0.007706$$

Weight: <None>

Min Conc: 0

⁶⁰Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1147.84	0.0083	P	5.3
2	☐	1.000	0.877	4617.46	0.0336	P	3.4
3	☐	50.000	54.263	216949.21	1.5742	P	1.2
4	☐	125.000	134.594	523675.51	3.8923	P	0.5
5	☐	250.000	262.337	998202.26	7.5786	P	0.7
6	☐	500.000	526.726	1998764.88	15.2082	A	0.4
7	☐	1000.000	982.140	3764272.76	28.3501	A	1.2
8	☐			12697.97	0.1023	P	1.0

$$y = 0.0289 * x + 0.0083$$

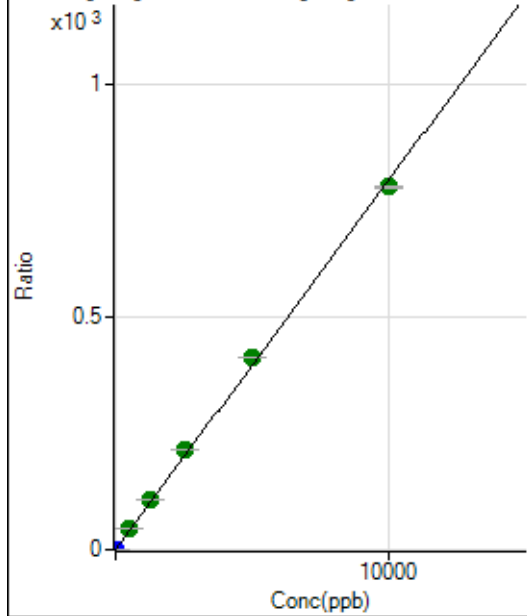
$$R = 0.9994$$

$$DL = 0.04553$$

$$BEC = 0.289$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2418.01	0.0176	P	0.8
2	☐	2.000	2.124	25527.43	0.1859	P	2.6
3	☐	500.000	556.017	6076903.59	44.0922	A	0.6
4	☐	1250.000	1374.725	14663001.59	108.9897	A	0.5
5	☐	2500.000	2693.345	28122790.69	213.5146	A	0.3
6	☐	5000.000	5208.178	54258560.30	412.8613	A	0.8
7	☐	10000.000	9829.184	103457614.0	779.1609	A	0.8
8	☐			26407.93	0.2127	P	1.4

$$y = 0.0793 * x + 0.0176$$

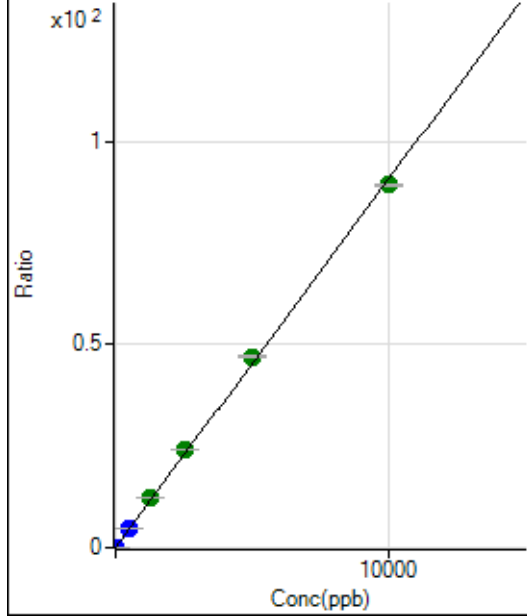
$$R = 0.9994$$

$$DL = 0.005114$$

$$BEC = 0.2216$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2172.41	0.0158	P	0.8
2	☐	2.000	5.276	8731.63	0.0636	P	1.1
3	☐	500.000	537.231	673270.31	4.8852	P	0.7
4	☐	1250.000	1352.870	1651780.36	12.2780	A	2.3
5	☐	2500.000	2668.020	3187278.15	24.1984	A	0.8
6	☐	5000.000	5190.401	6184930.60	47.0610	A	0.9
7	☐	10000.000	9848.073	11854402.88	89.2776	A	0.6
8	☐			24296.42	0.1957	P	1.9

$$y = 0.0091 * x + 0.0158$$

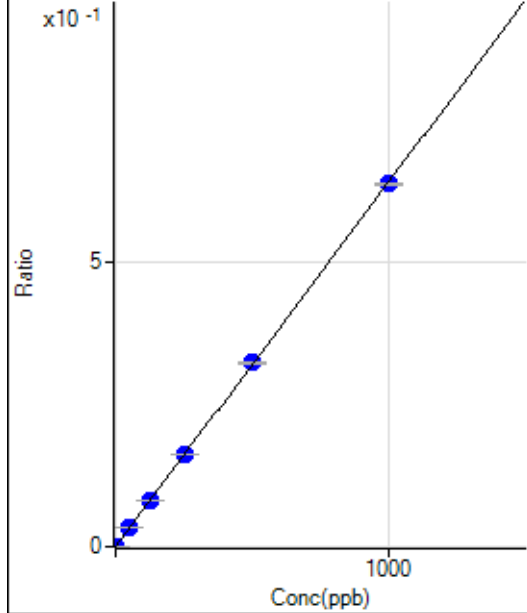
$$R = 0.9995$$

$$DL = 0.04048$$

$$BEC = 1.741$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.9
2	☐	1.000	0.945	793.36	0.0006	P	6.2
3	☐	50.000	50.720	42547.48	0.0325	P	1.3
4	☐	125.000	126.787	103500.76	0.0812	P	0.8
5	☐	250.000	254.407	202318.79	0.1628	P	0.6
6	☐	500.000	505.782	397850.58	0.3237	P	0.9
7	☐	1000.000	995.748	773490.91	0.6373	P	0.8
8	☐			384.45	0.0003	P	10.4

$$y = 6.4007E-004 * x + 2.5700E-006$$

$$R = 1.0000$$

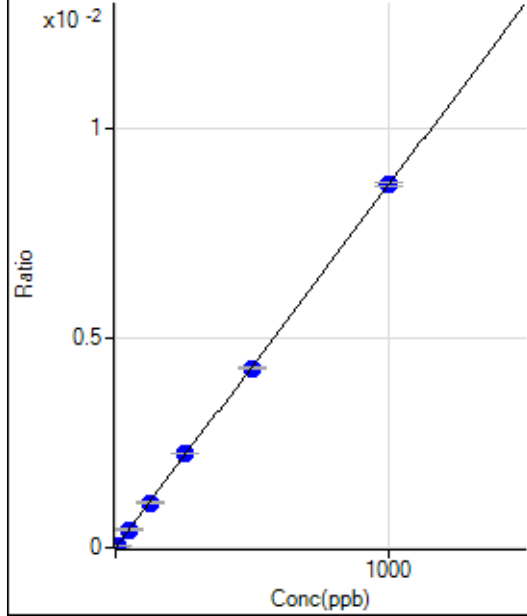
$$DL = 0.01203$$

$$BEC = 0.004015$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	4.425	52.22	0.0000	P	13.1
3	☐	50.000	49.900	567.79	0.0004	P	1.2
4	☐	125.000	123.820	1367.86	0.0011	P	1.7
5	☐	250.000	258.767	2782.53	0.0022	P	1.3
6	☐	500.000	495.420	5267.70	0.0043	P	0.9
7	☐	1000.000	1000.254	10500.69	0.0087	P	1.0
8	☐			5.55	0.0000	P	69.1

$$y = 8.6479\text{E-}006 * x + 1.7132\text{E-}006$$

$$R = 0.9999$$

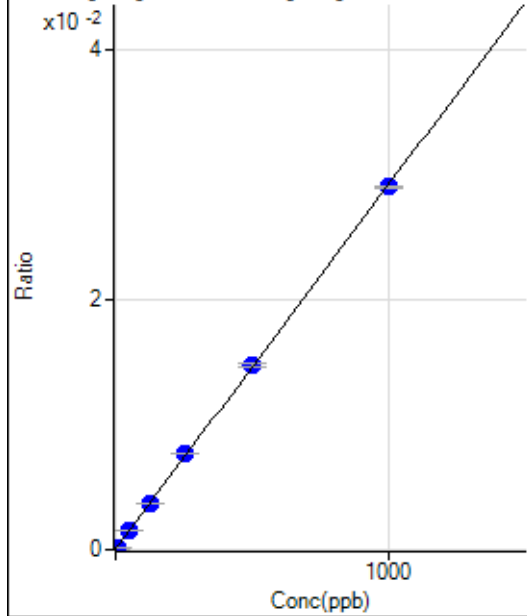
$$DL = 0.5147$$

$$BEC = 0.1981$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	40.00	0.0000	P	38.7
2	☐	5.000	3.872	187.78	0.0001	P	4.2
3	☐	50.000	50.561	1973.49	0.0015	P	2.2
4	☐	125.000	126.242	4736.40	0.0037	P	0.9
5	☐	250.000	261.058	9501.07	0.0076	P	0.7
6	☐	500.000	506.278	18190.74	0.0148	P	1.6
7	☐	1000.000	993.919	35230.74	0.0290	P	0.7
8	☐			50.00	0.0000	P	33.5

$$y = 2.9175\text{E-}005 * x + 3.0809\text{E-}005$$

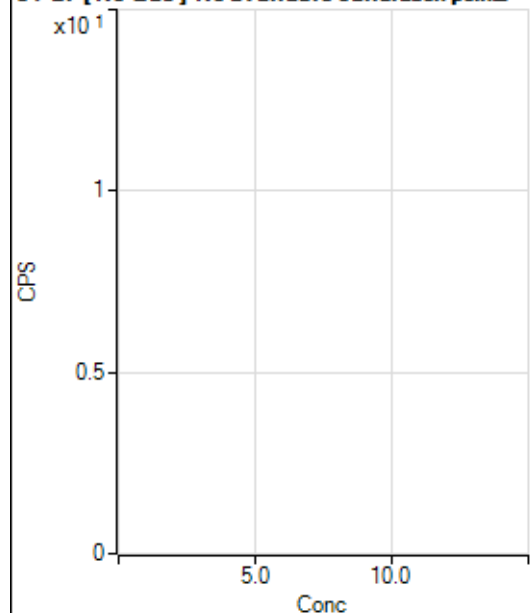
$$R = 0.9999$$

$$DL = 1.227$$

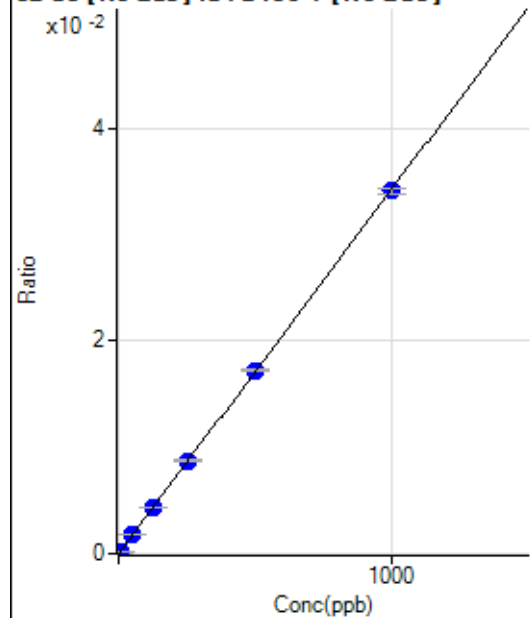
$$BEC = 1.056$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			32435.41		P	1.8
2	☐			31820.58		P	2.0
3	☐			32022.23		P	2.2
4	☐			32310.59		P	1.7
5	☐			31493.20		P	1.2
6	☐			31777.27		P	1.0
7	☐			31658.01		P	1.7
8	☐			28188.40		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.23	0.0000	P	5211.
2	☐	5.000	4.967	2534.77	0.0002	P	4.9
3	☐	50.000	51.017	26390.14	0.0017	P	1.6
4	☐	125.000	127.635	65418.96	0.0044	P	1.2
5	☐	250.000	255.900	128224.42	0.0088	P	0.9
6	☐	500.000	503.946	252307.69	0.0173	P	1.6
7	☐	1000.000	996.172	491261.35	0.0341	P	1.4
8	☐			418.91	0.0000	P	10.4

$$y = 3.4233E-005 * x + 1.0214E-007$$

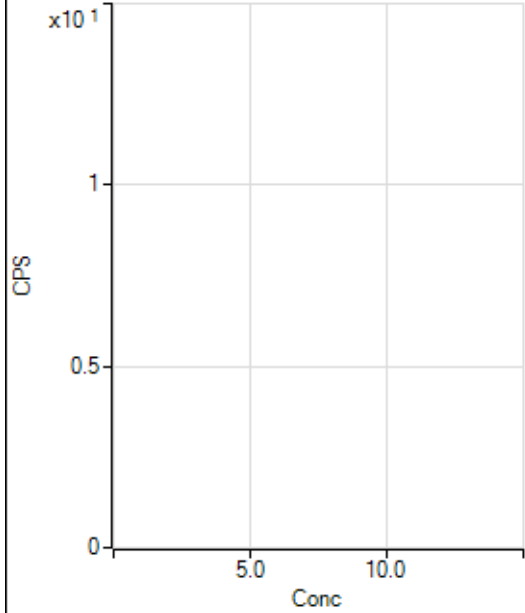
$$R = 1.0000$$

$$DL = 0.4665$$

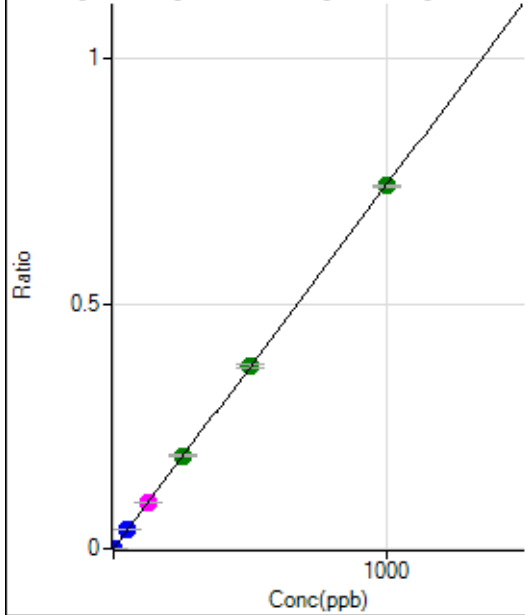
$$BEC = 0.002984$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			396.67		P	15.6
2	☐			405.57		P	2.5
3	☐			407.79		P	5.4
4	☐			374.45		P	11.0
5	☐			383.34		P	13.8
6	☐			398.90		P	11.6
7	☐			438.90		P	9.6
8	☐			452.24		P	4.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	715.58	0.0000	P	4.3
2	☐	1.000	0.944	11154.55	0.0007	P	3.3
3	☐	50.000	50.538	567290.17	0.0375	P	0.5
4	☐	125.000	125.554	1395430.55	0.0932	M	0.4
5	☐	250.000	255.643	2776886.35	0.1897	A	1.4
6	☐	500.000	501.886	5446824.43	0.3724	A	1.3
7	☐	1000.000	997.550	10663831.58	0.7402	A	0.5
8	☐			32520.04	0.0025	P	2.0

$$y = 7.4196E-004 * x + 4.7742E-005$$

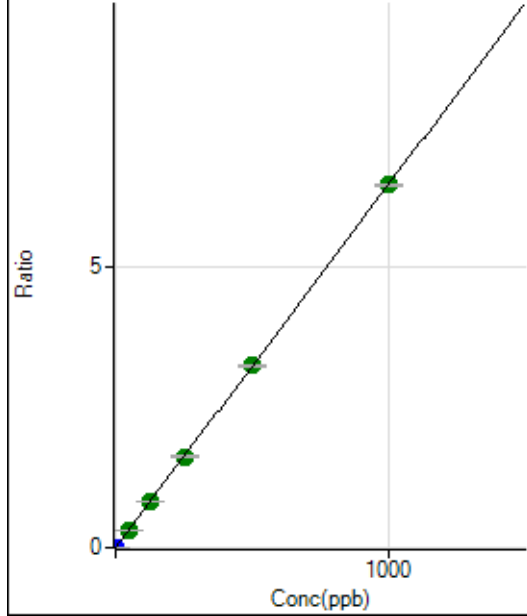
$$R = 1.0000$$

$$DL = 0.008333$$

$$BEC = 0.06434$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	984.49	0.0001	P	9.3
2	☐	1.000	0.951	92658.02	0.0062	P	0.6
3	☐	50.000	49.790	4868356.77	0.3222	A	0.7
4	☐	125.000	125.911	12197589.26	0.8147	A	0.6
5	☐	250.000	251.436	23810916.87	1.6268	A	1.3
6	☐	500.000	500.696	47379435.40	3.2395	A	1.1
7	☐	1000.000	999.190	93131889.72	6.4648	A	0.8
8	☐			279203.78	0.0211	P	1.1

$$y = 0.0065 * x + 6.5588E-005$$

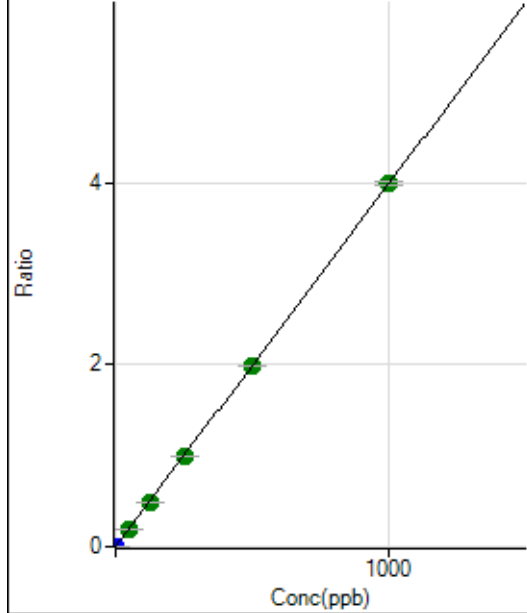
$$R = 1.0000$$

$$DL = 0.002817$$

$$BEC = 0.01014$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1371.19	0.0001	P	6.3
2	☐	1.000	1.005	60995.97	0.0041	P	1.7
3	☐	50.000	49.738	2994421.52	0.1982	A	1.3
4	☐	125.000	124.202	7406953.29	0.4947	A	0.5
5	☐	250.000	250.106	14581041.17	0.9961	A	0.5
6	☐	500.000	498.534	29039136.23	1.9855	A	1.0
7	☐	1000.000	1000.820	57419599.15	3.9859	A	1.1
8	☐			25235.11	0.0019	P	0.7

$$y = 0.0040 * x + 9.1428E-005$$

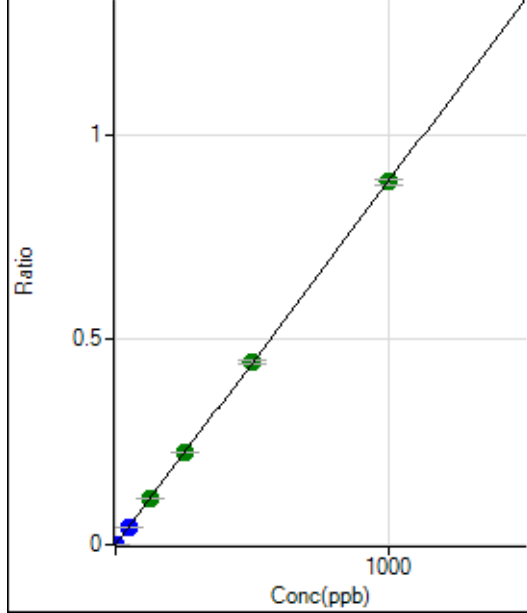
$$R = 1.0000$$

$$DL = 0.00437$$

$$BEC = 0.02296$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	285.56	0.0000	P	14.0
2	☐	1.000	0.993	13386.52	0.0009	P	2.5
3	☐	50.000	49.871	667417.59	0.0442	P	0.7
4	☐	125.000	126.712	1679870.11	0.1122	A	0.8
5	☐	250.000	252.774	3276027.62	0.2238	A	0.7
6	☐	500.000	501.805	6497734.28	0.4443	A	1.4
7	☐	1000.000	998.196	12730984.39	0.8838	A	1.8
8	☐			5644.54	0.0004	P	1.1

$$y = 8.8534\text{E-}004 * x + 1.9016\text{E-}005$$

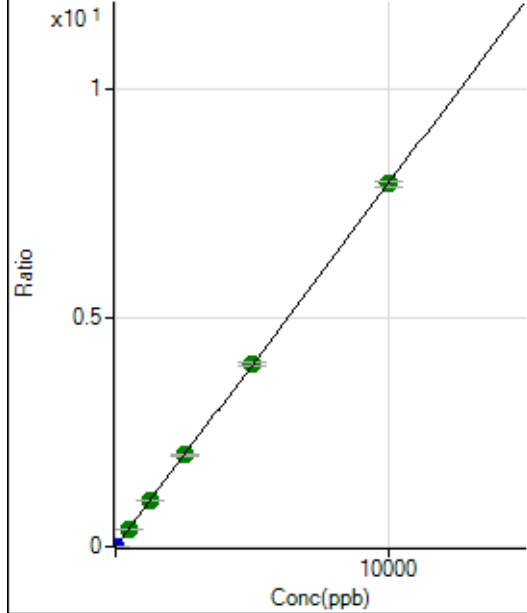
$$R = 1.0000$$

$$DL = 0.009001$$

$$BEC = 0.02148$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	655.58	0.0000	P	10.7
2	☐	5.000	5.726	68471.79	0.0046	P	0.2
3	☐	500.000	496.541	5963830.67	0.3947	A	1.5
4	☐	1250.000	1255.576	14942221.58	0.9980	A	0.2
5	☐	2500.000	2520.190	29321711.51	2.0032	A	0.6
6	☐	5000.000	5018.384	58337193.58	3.9889	A	1.6
7	☐	10000.000	9985.236	114333480.5	7.9368	A	1.3
8	☐			20891.36	0.0016	P	1.8

$$y = 7.9485\text{E-}004 * x + 4.3724\text{E-}005$$

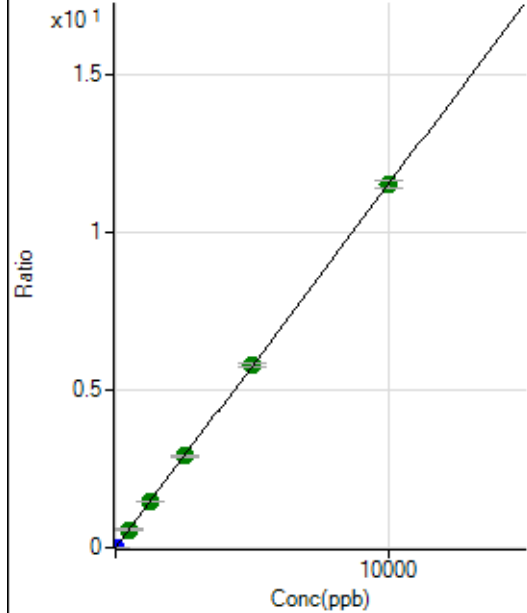
$$R = 1.0000$$

$$DL = 0.01766$$

$$BEC = 0.05501$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	287.79	0.0000	P	7.5
2	☐	5.000	4.661	80322.54	0.0054	P	1.2
3	☐	500.000	501.187	8726332.72	0.5776	A	1.3
4	☐	1250.000	1260.037	21738810.79	1.4520	A	0.1
5	☐	2500.000	2518.355	42477161.59	2.9020	A	0.9
6	☐	5000.000	5022.006	84633429.29	5.7870	A	1.8
7	☐	10000.000	9983.094	165708799.7	11.5038	A	2.3
8	☐			19835.35	0.0015	P	2.2

$$y = 0.0012 * x + 1.9190E-005$$

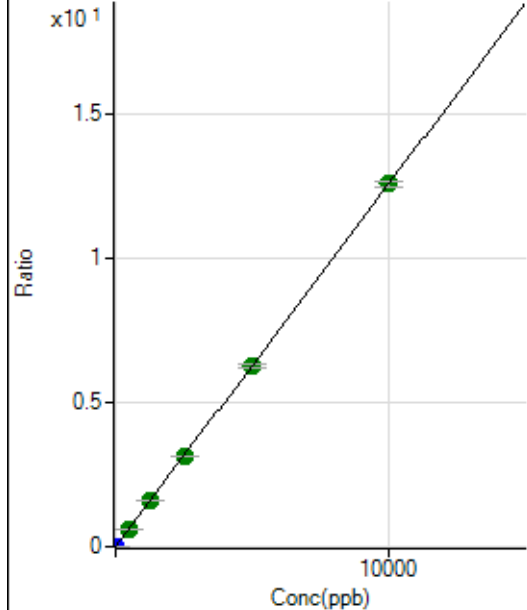
$$R = 1.0000$$

$$DL = 0.003765$$

$$BEC = 0.01665$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	402.23	0.0000	P	2.5
2	☐	5.000	4.725	89018.33	0.0060	P	0.9
3	☐	500.000	499.442	9498561.87	0.6287	A	0.6
4	☐	1250.000	1248.920	23535240.21	1.5720	A	0.1
5	☐	2500.000	2503.788	46128540.42	3.1514	A	1.1
6	☐	5000.000	4973.063	91542264.19	6.2594	A	1.8
7	☐	10000.000	10012.685	181548086.1	12.6025	A	1.5
8	☐			35974.38	0.0027	P	2.3

$$y = 0.0013 * x + 2.6833E-005$$

$$R = 1.0000$$

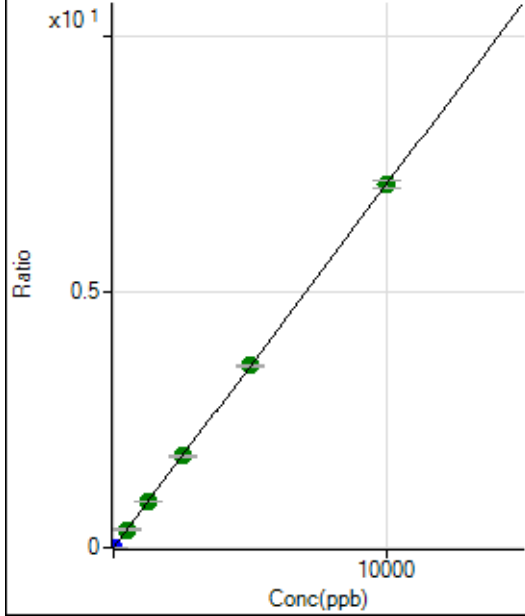
$$DL = 0.001611$$

$$BEC = 0.02132$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	184.45	0.0000	P	8.2
2	☐	5.000	4.707	50050.90	0.0034	P	1.8
3	☐	500.000	501.875	5392360.68	0.3569	A	0.7
4	☐	1250.000	1256.010	13371772.16	0.8931	A	0.7
5	☐	2500.000	2517.613	26204768.50	1.7902	A	0.7
6	☐	5000.000	5012.622	52129729.22	3.5644	A	1.3
7	☐	10000.000	9988.441	102313301.8	7.1026	A	2.1
8	☐			11900.74	0.0009	P	3.8

$$y = 7.1108\text{E-}004 * x + 1.2290\text{E-}005$$

$$R = 1.0000$$

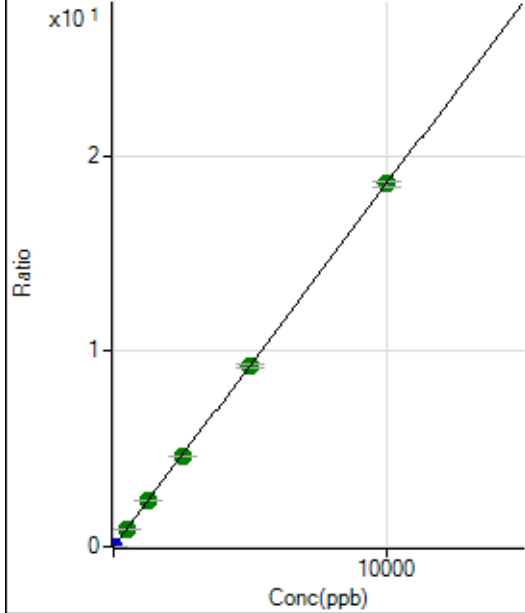
$$DL = 0.004247$$

$$BEC = 0.01728$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	413.34	0.0000	P	8.9
2	☐	5.000	4.615	128145.76	0.0086	P	1.5
3	☐	500.000	497.386	13960089.24	0.9239	A	1.1
4	☐	1250.000	1253.045	34848426.15	2.3276	A	0.6
5	☐	2500.000	2510.148	68249798.43	4.6627	A	0.2
6	☐	5000.000	5004.201	135941733.5	9.2955	A	2.2
7	☐	10000.000	9995.112	267456009.3	18.5664	A	1.4
8	☐			29658.46	0.0022	P	4.3

$$y = 0.0019 * x + 2.7542\text{E-}005$$

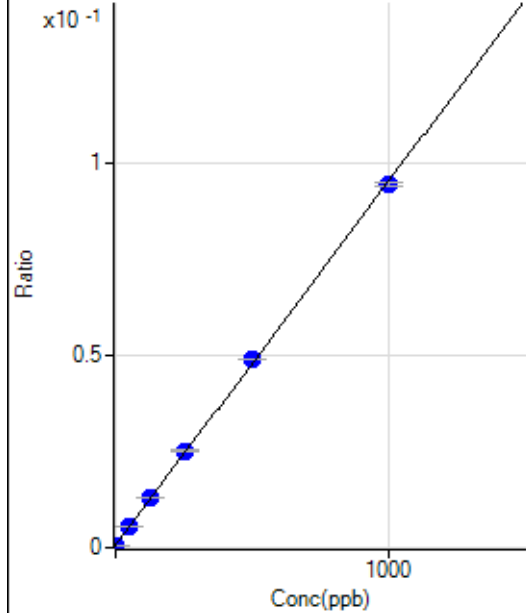
$$R = 1.0000$$

$$DL = 0.003956$$

$$BEC = 0.01483$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5717.91	0.0006	P	3.2
2	☐	1.000	0.727	6451.57	0.0007	P	0.7
3	☐	50.000	53.109	56113.49	0.0056	P	2.8
4	☐	125.000	132.380	130747.14	0.0131	P	0.6
5	☐	250.000	259.571	248384.50	0.0251	P	1.9
6	☐	500.000	512.196	480932.28	0.0489	P	0.1
7	☐	1000.000	990.431	918609.02	0.0941	P	1.1
8	☐			5009.84	0.0006	P	2.9

$$y = 9.4421\text{E-}005 * x + 5.8571\text{E-}004$$

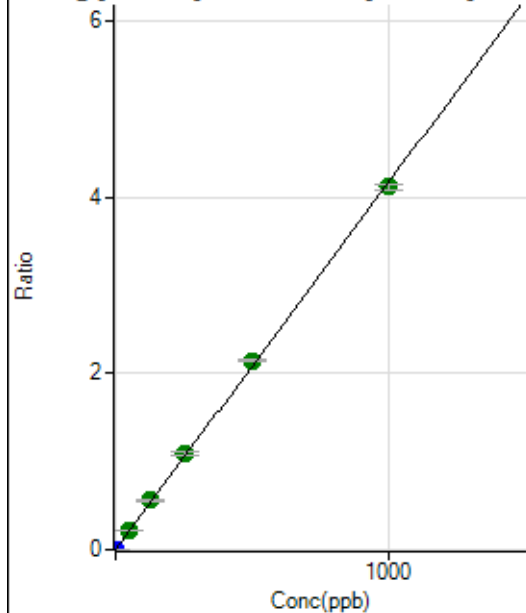
$$R = 0.9998$$

$$DL = 0.6036$$

$$BEC = 6.203$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	130.00	0.0000	P	26.0
2	☐	1.000	1.044	43055.87	0.0044	P	2.3
3	☐	50.000	54.174	2263517.54	0.2259	A	0.9
4	☐	125.000	133.681	5569130.13	0.5573	A	1.4
5	☐	250.000	261.340	10782467.48	1.0895	A	2.7
6	☐	500.000	515.582	21118970.80	2.1495	A	0.9
7	☐	1000.000	988.080	40211403.57	4.1194	A	1.3
8	☐			3399.34	0.0004	P	8.3

$$y = 0.0042 * x + 1.3295\text{E-}005$$

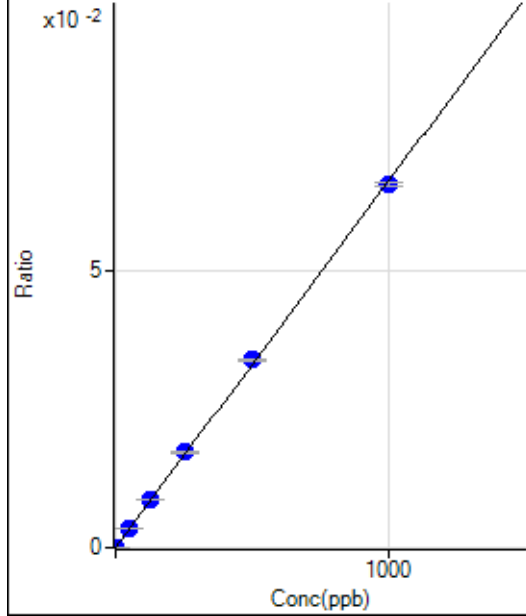
$$R = 0.9997$$

$$DL = 0.002486$$

$$BEC = 0.003189$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18.89	0.0000	P	19.3
2	☐	1.000	0.811	548.90	0.0001	P	11.4
3	☐	50.000	53.902	35814.23	0.0036	P	1.7
4	☐	125.000	132.945	88052.14	0.0088	P	0.5
5	☐	250.000	260.622	170948.39	0.0173	P	2.1
6	☐	500.000	511.887	333313.51	0.0339	P	0.6
7	☐	1000.000	990.213	640604.32	0.0656	P	1.1
8	☐			232.23	0.0000	P	7.3

$$y = 6.6269\text{E-}005 * x + 1.9321\text{E-}006$$

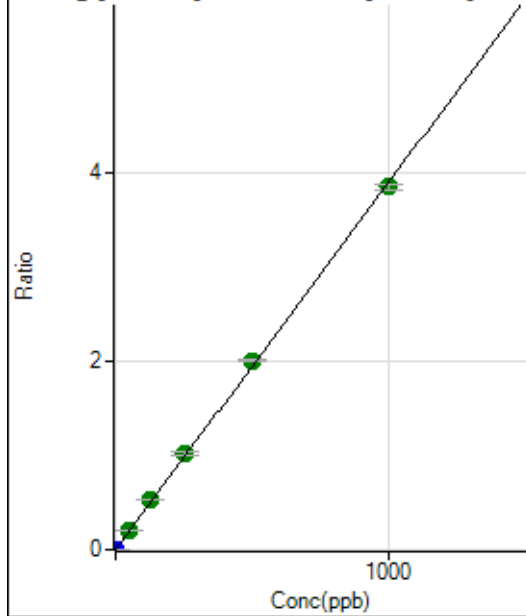
$$R = 0.9998$$

$$DL = 0.01684$$

$$BEC = 0.02916$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	62.22	0.0000	P	19.2
2	☐	1.000	1.047	40389.01	0.0041	P	1.3
3	☐	50.000	54.399	2128888.77	0.2124	A	1.9
4	☐	125.000	134.466	5247025.96	0.5251	A	0.4
5	☐	250.000	261.227	10095629.78	1.0201	A	2.6
6	☐	500.000	514.786	19753062.90	2.0103	A	0.8
7	☐	1000.000	988.397	37678118.61	3.8599	A	1.4
8	☐			2968.13	0.0003	P	10.9

$$y = 0.0039 * x + 6.3752\text{E-}006$$

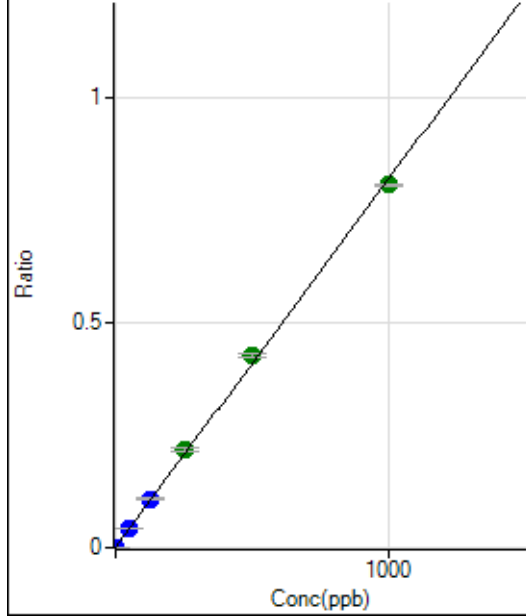
$$R = 0.9997$$

$$DL = 0.0009423$$

$$BEC = 0.001633$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4014.87	0.0004	P	3.2
2	☐	1.000	0.903	11353.83	0.0012	P	0.9
3	☐	50.000	53.351	442598.34	0.0442	P	1.4
4	☐	125.000	132.485	1089846.88	0.1091	P	0.3
5	☐	250.000	265.295	2157267.34	0.2180	A	2.7
6	☐	500.000	521.445	4206340.75	0.4281	A	1.3
7	☐	1000.000	984.351	7885395.82	0.8077	A	0.5
8	☐			4439.95	0.0005	P	3.9

$$y = 8.2017\text{E-}004 * x + 4.1127\text{E-}004$$

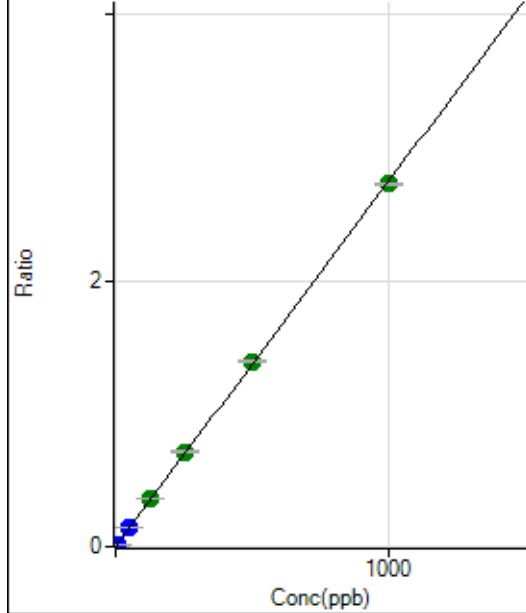
$$R = 0.9995$$

$$DL = 0.04882$$

$$BEC = 0.5014$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6892.91	0.0007	P	2.6
2	☐	5.000	4.812	137195.67	0.0139	P	1.3
3	☐	50.000	51.928	1435595.85	0.1433	P	1.6
4	☐	125.000	130.336	3582185.22	0.3585	A	0.7
5	☐	250.000	258.502	7030474.27	0.7104	A	1.8
6	☐	500.000	507.276	13690039.66	1.3933	A	0.6
7	☐	1000.000	993.474	26632133.49	2.7280	A	0.4
8	☐			7820.08	0.0009	P	1.1

$$y = 0.0027 * x + 7.0605\text{E-}004$$

$$R = 0.9999$$

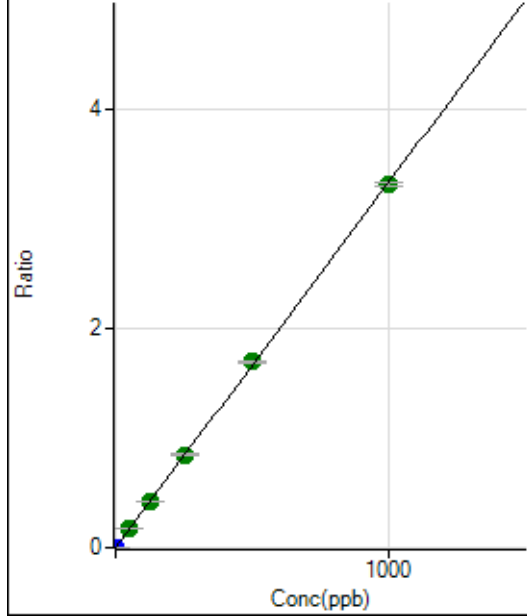
$$DL = 0.0202$$

$$BEC = 0.2572$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	123.34	0.0000	P	20.2
2	☐	2.000	1.904	62715.14	0.0064	P	2.0
3	☐	50.000	51.475	1720104.28	0.1716	A	2.4
4	☐	125.000	127.320	4241861.26	0.4245	A	1.2
5	☐	250.000	254.955	8411782.44	0.8501	A	3.5
6	☐	500.000	509.142	16680733.22	1.6977	A	0.8
7	☐	1000.000	993.827	32350349.24	3.3138	A	1.1
8	☐			13397.78	0.0015	P	3.5

$$y = 0.0033 * x + 1.2647E-005$$

$$R = 0.9999$$

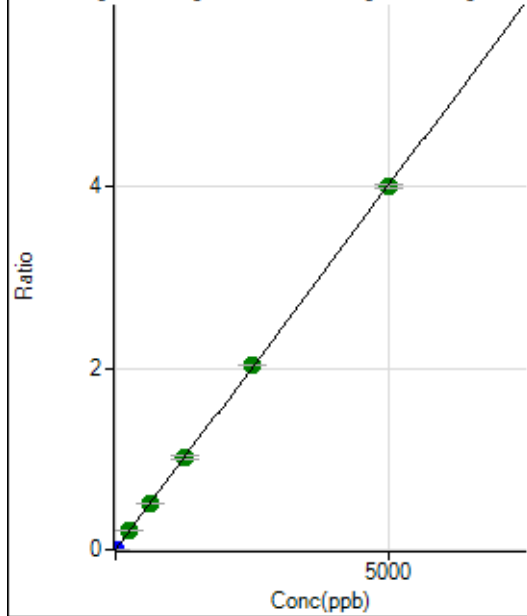
$$DL = 0.002301$$

$$BEC = 0.003793$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	214.45	0.0000	P	6.7
2	☐	10.000	9.392	74490.91	0.0076	P	1.0
3	☐	250.000	256.419	2061509.22	0.2057	A	1.3
4	☐	625.000	635.737	5095758.92	0.5100	A	1.3
5	☐	1250.000	1266.050	10050021.10	1.0156	A	2.5
6	☐	2500.000	2532.198	19957373.73	2.0312	A	0.7
7	☐	5000.000	4978.227	38981349.98	3.9932	A	0.9
8	☐			14294.34	0.0016	P	3.6

$$y = 8.0212E-004 * x + 2.1954E-005$$

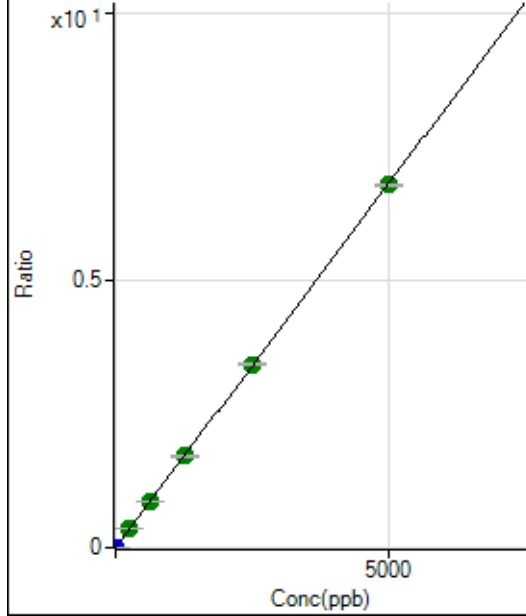
$$R = 1.0000$$

$$DL = 0.005481$$

$$BEC = 0.02737$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	325.56	0.0000	P	10.3
2	☐	10.000	9.495	127870.95	0.0130	P	1.0
3	☐	250.000	255.947	3494667.66	0.3487	A	2.4
4	☐	625.000	630.713	8586263.76	0.8593	A	0.3
5	☐	1250.000	1266.655	17079137.25	1.7257	A	2.1
6	☐	2500.000	2517.295	33697985.05	3.4296	A	0.6
7	☐	5000.000	4986.178	66315413.45	6.7932	A	0.8
8	☐			24376.45	0.0028	P	0.3

$$y = 0.0014 * x + 3.3319E-005$$

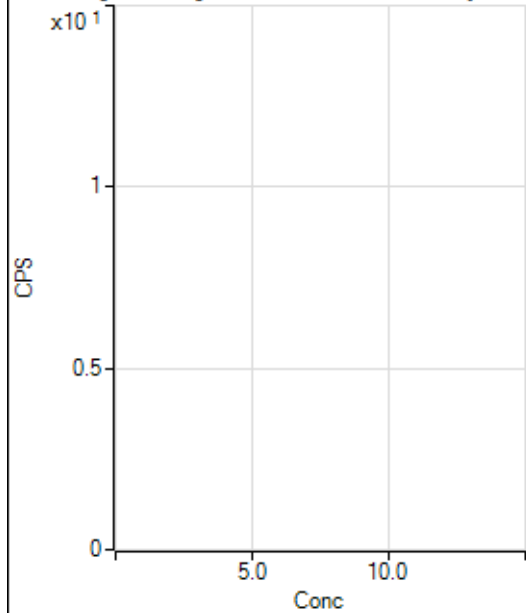
$$R = 1.0000$$

$$DL = 0.007555$$

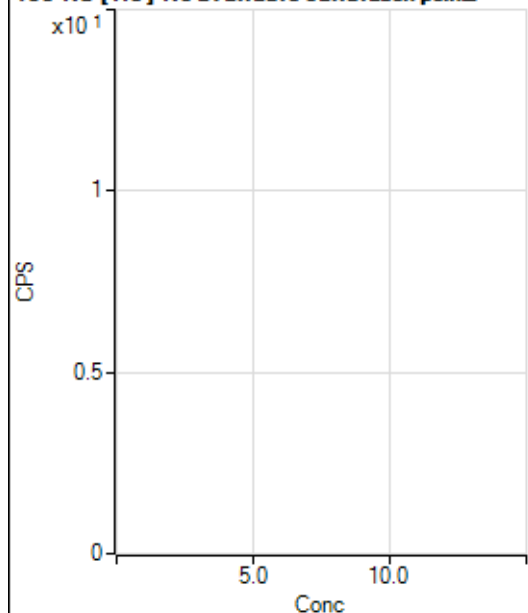
$$BEC = 0.02446$$

Weight: <None>

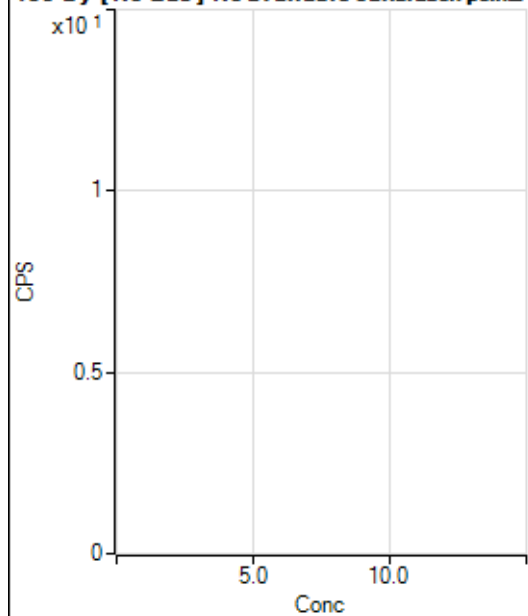
Min Conc: 0

150 Nd [No Gas] No available calibration points

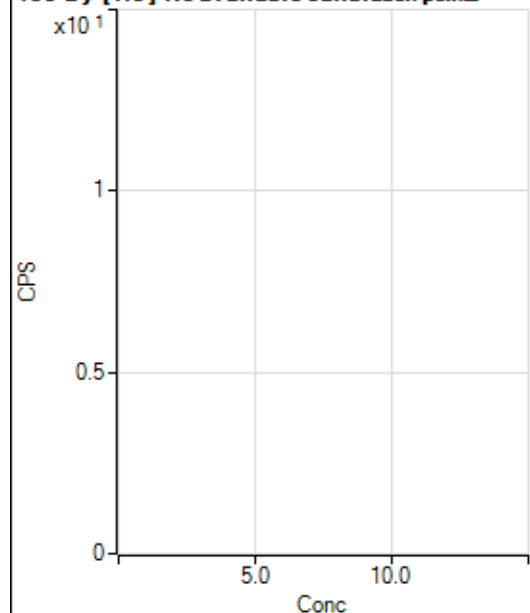
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			12.22		P	56.8
2	☐			30.00		P	29.4
3	☐			157.78		P	14.1
4	☐			395.56		P	6.8
5	☐			707.80		P	6.4
6	☐			1430.09		P	4.4
7	☐			2650.29		P	2.1
8	☐			545.57		P	10.5

150 Nd [He] No available calibration points

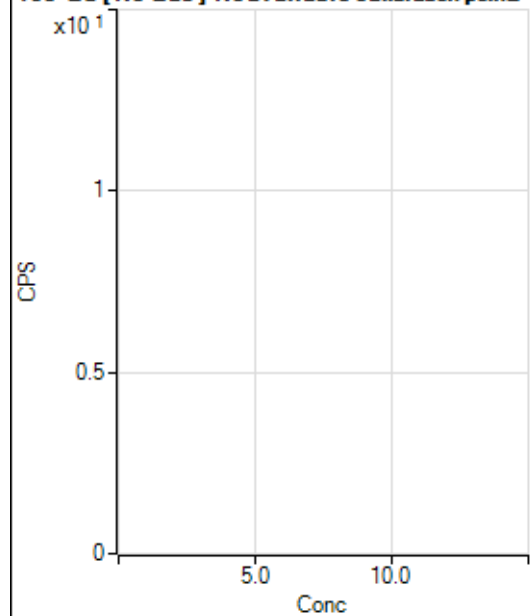
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	43.4
3	☐			12.22		P	31.5
4	☐			23.33		P	NaN
5	☐			30.00		P	40.1
6	☐			63.33		P	5.3
7	☐			103.33		P	14.1
8	☐			166.67		P	17.8

156 Dy [No Gas] No available calibration points

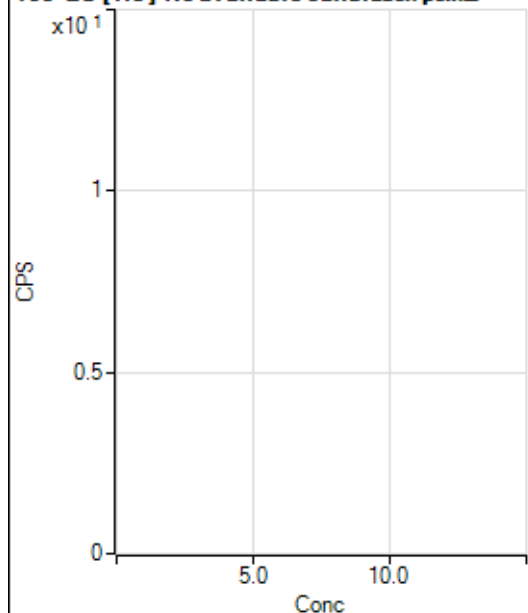
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.44		P	35.3
2	☐			18.89		P	36.7
3	☐			50.00		P	33.3
4	☐			113.34		P	7.8
5	☐			170.00		P	27.7
6	☐			342.23		P	9.8
7	☐			668.91		P	2.6
8	☐			1035.61		P	4.0

156 Dy [He] No available calibration points

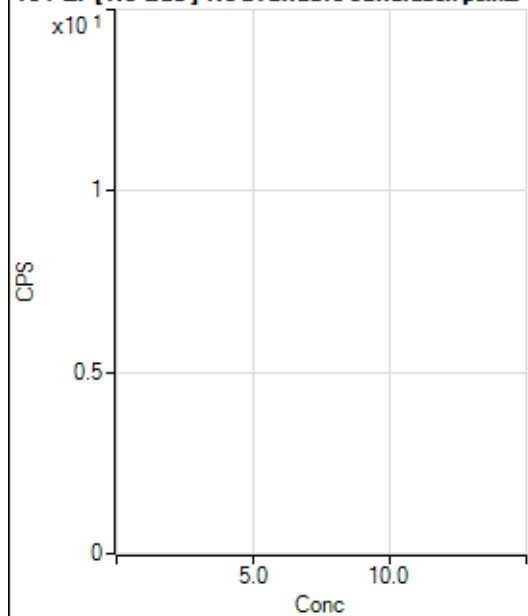
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	99.0
2	☐			6.67		P	86.6
3	☐			7.78		P	65.5
4	☐			11.11		P	45.8
5	☐			20.00		P	28.9
6	☐			62.22		P	20.3
7	☐			103.33		P	8.5
8	☐			318.90		P	6.3

160 Gd [No Gas] Noavailable calibration poin_

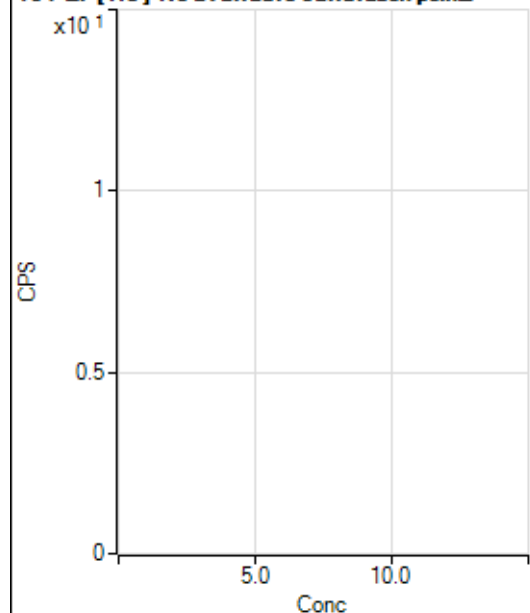
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			77.78		P	13.8
2	☐			74.44		P	6.8
3	☐			114.45		P	19.4
4	☐			151.11		P	3.4
5	☐			183.34		P	17.9
6	☐			220.00		P	12.4
7	☐			335.56		P	8.1
8	☐			962.27		P	6.3

160 Gd [He] No available calibration points

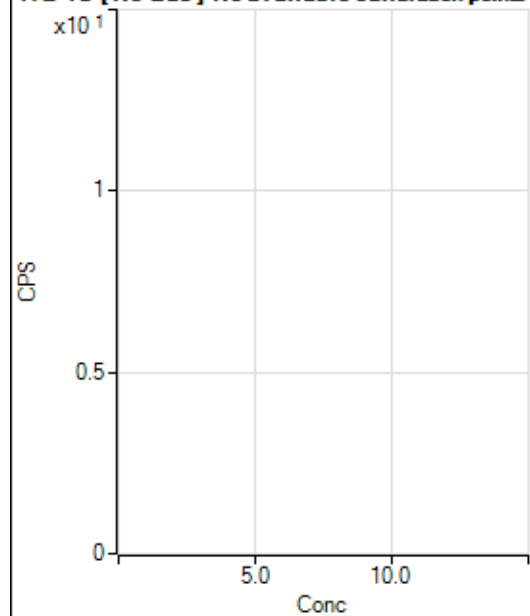
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			20.00		P	28.9
2	☐			20.00		P	28.9
3	☐			25.55		P	41.9
4	☐			26.67		P	33.1
5	☐			53.33		P	6.3
6	☐			61.11		P	16.7
7	☐			126.67		P	9.1
8	☐			447.79		P	11.6

164 Er [No Gas] No available calibration points

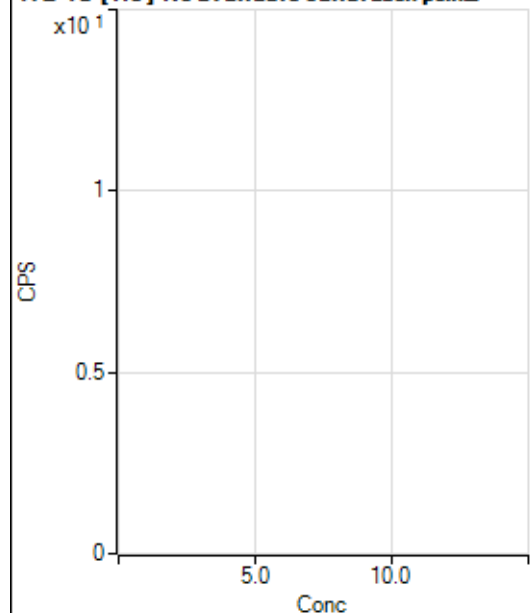
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			62.22		P	40.6
2	☐			81.11		P	8.6
3	☐			96.67		P	22.6
4	☐			128.89		P	10.8
5	☐			145.56		P	11.3
6	☐			212.23		P	11.6
7	☐			390.01		P	14.9
8	☐			1157.84		P	4.5

164 Er [He] No available calibration points

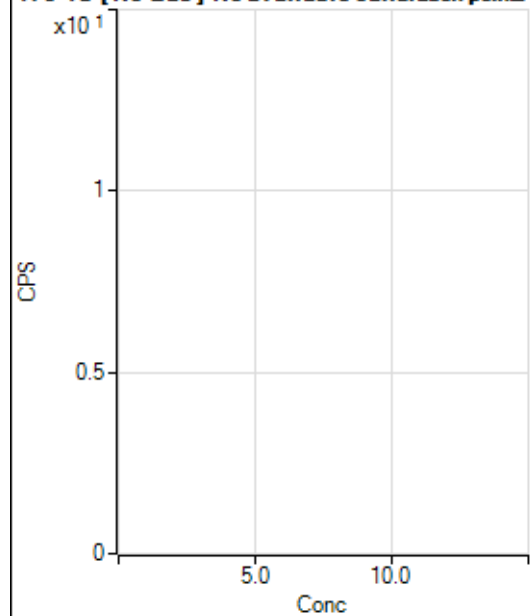
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			18.89		P	44.4
2	☐			22.22		P	60.6
3	☐			27.78		P	66.1
4	☐			44.44		P	17.3
5	☐			48.89		P	19.7
6	☐			87.78		P	11.6
7	☐			118.89		P	9.0
8	☐			447.79		P	8.9

172 Yb [No Gas] No available calibration points

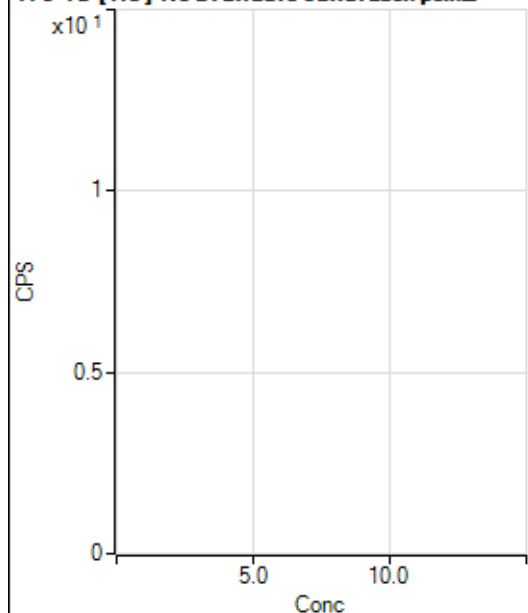
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			60.00		P	5.5
2	☐			73.33		P	29.8
3	☐			87.78		P	55.3
4	☐			111.11		P	14.8
5	☐			181.12		P	9.3
6	☐			275.56		P	22.2
7	☐			468.90		P	5.9
8	☐			1873.50		P	5.9

172 Yb [He] No available calibration points

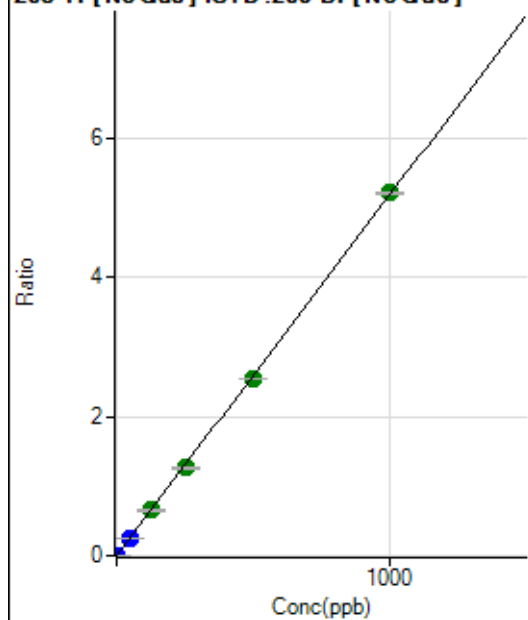
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			22.22		P	22.9
2	☐			18.89		P	10.2
3	☐			34.44		P	14.8
4	☐			57.78		P	26.6
5	☐			61.11		P	30.0
6	☐			101.11		P	25.2
7	☐			230.00		P	5.0
8	☐			881.15		P	3.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1388.98		P	4.3
2	☐			1460.09		P	3.0
3	☐			8302.68		P	3.2
4	☐			18546.45		P	3.5
5	☐			35485.38		P	1.4
6	☐			68798.99		P	0.8
7	☐			137021.31		P	0.8
8	☐			2312.45		P	6.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			450.01		P	14.5
2	☐			356.68		P	11.0
3	☐			2902.58		P	3.6
4	☐			6596.15		P	3.3
5	☐			13095.47		P	0.3
6	☐			25063.88		P	0.8
7	☐			49316.08		P	0.3
8	☐			786.70		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	100.00	0.0000	P	5.8
2	☐	1.000	0.927	27398.92	0.0048	P	0.4
3	☐	50.000	48.272	1442123.00	0.2504	P	1.5
4	☐	125.000	125.459	3688922.90	0.6507	A	0.4
5	☐	250.000	243.624	7084787.12	1.2635	A	1.0
6	☐	500.000	489.738	13889070.62	2.5399	A	0.6
7	☐	1000.000	1006.754	27060421.27	5.2213	A	0.6
8	☐			1651.24	0.0004	P	11.1

$$y = 0.0052 * x + 1.7552E-005$$

$$R = 0.9999$$

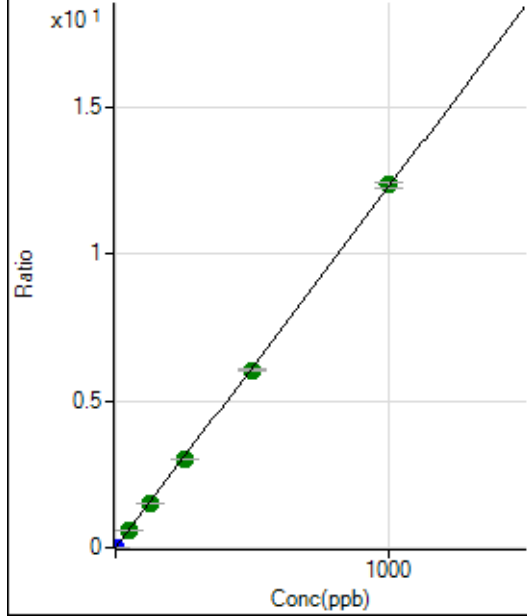
$$DL = 0.0005867$$

$$BEC = 0.003384$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	259.50	0.0000	P	14.5
2	☐	1.000	0.924	64705.84	0.0114	P	0.8
3	☐	50.000	49.492	3501491.22	0.6079	A	1.0
4	☐	125.000	124.061	8638645.30	1.5238	A	0.9
5	☐	250.000	245.912	16937636.20	3.0203	A	0.7
6	☐	500.000	491.850	33034032.81	6.0410	A	1.5
7	☐	1000.000	1005.240	63992592.16	12.3464	A	1.3
8	☐			5061.90	0.0011	P	9.5

$$y = 0.0123 * x + 4.5539E-005$$

$$R = 0.9999$$

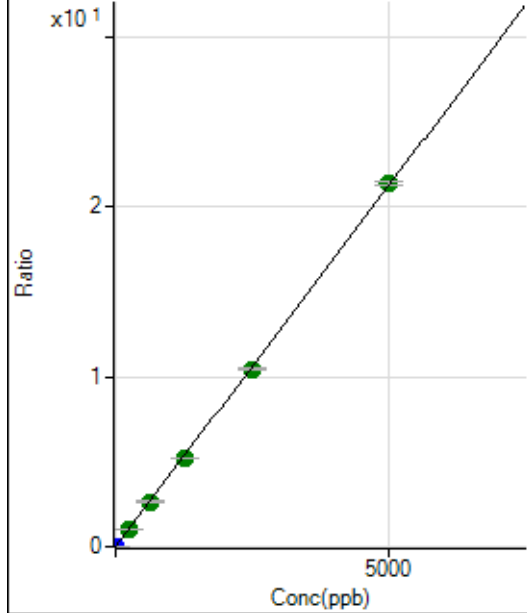
$$DL = 0.001614$$

$$BEC = 0.003708$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	997.83	0.0002	P	3.2
2	☐	1.000	0.761	19325.57	0.0034	P	0.9
3	☐	250.000	247.003	6039382.97	1.0486	A	1.4
4	☐	625.000	623.910	15014215.33	2.6483	A	0.8
5	☐	1250.000	1229.808	29269128.73	5.2200	A	1.0
6	☐	2500.000	2457.769	57045378.04	10.4320	A	0.7
7	☐	5000.000	5026.450	110567897.2	21.3345	A	1.0
8	☐			50406.45	0.0112	P	0.5

$$y = 0.0042 * x + 1.7522E-004$$

$$R = 0.9999$$

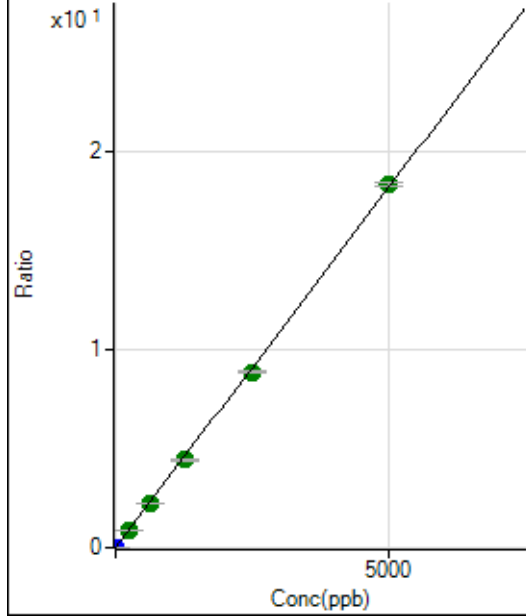
$$DL = 0.004021$$

$$BEC = 0.04128$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	858.93	0.0002	P	7.0
2	☐	1.000	0.780	16931.17	0.0030	P	1.8
3	☐	250.000	242.993	5082748.82	0.8825	A	2.5
4	☐	625.000	613.385	12628524.12	2.2275	A	0.8
5	☐	1250.000	1216.229	24766049.63	4.4166	A	0.9
6	☐	2500.000	2442.748	48506697.05	8.8704	A	1.3
7	☐	5000.000	5038.871	94829116.36	18.2977	A	1.0
8	☐			42719.07	0.0095	P	0.9

$$y = 0.0036 * x + 1.5073E-004$$

$$R = 0.9999$$

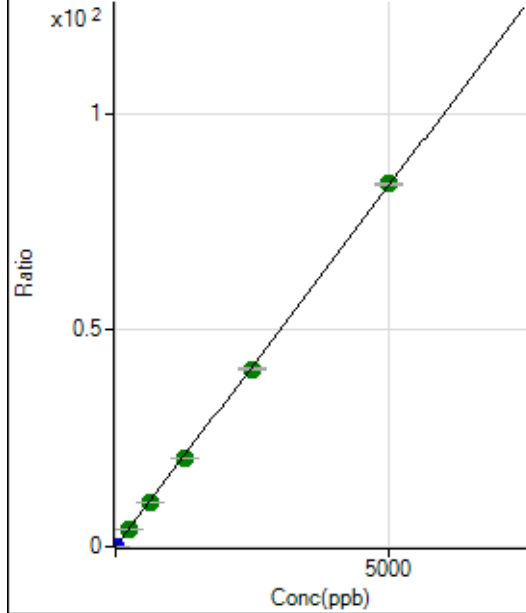
$$DL = 0.008737$$

$$BEC = 0.04151$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4002.51	0.0007	P	1.2
2	☐	1.000	0.777	77507.78	0.0137	P	0.8
3	☐	250.000	242.997	23344442.02	4.0530	A	1.2
4	☐	625.000	619.385	58561884.82	10.3297	A	0.6
5	☐	1250.000	1226.401	114682038.0	20.4525	A	0.9
6	☐	2500.000	2460.101	224342944.4	41.0259	A	1.0
7	☐	5000.000	5026.902	434465932.4	83.8305	A	0.7
8	☐			196892.75	0.0437	P	0.5

$$y = 0.0167 * x + 7.0276E-004$$

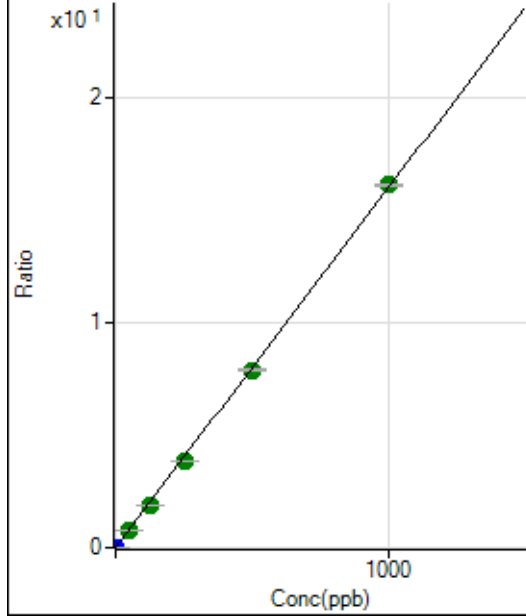
$$R = 0.9999$$

$$DL = 0.001559$$

$$BEC = 0.04214$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	143.34	0.0000	P	10.6
2	☐	1.000	0.878	80086.77	0.0141	P	1.3
3	☐	50.000	47.051	4346263.51	0.7545	A	1.6
4	☐	125.000	118.875	10807531.30	1.9063	A	0.7
5	☐	250.000	240.489	21623604.40	3.8565	A	0.9
6	☐	500.000	492.430	43182070.75	7.8967	A	1.4
7	☐	1000.000	1007.076	83704018.75	16.1496	A	0.2
8	☐			3135.99	0.0007	P	13.2

$$y = 0.0160 * x + 2.5169E-005$$

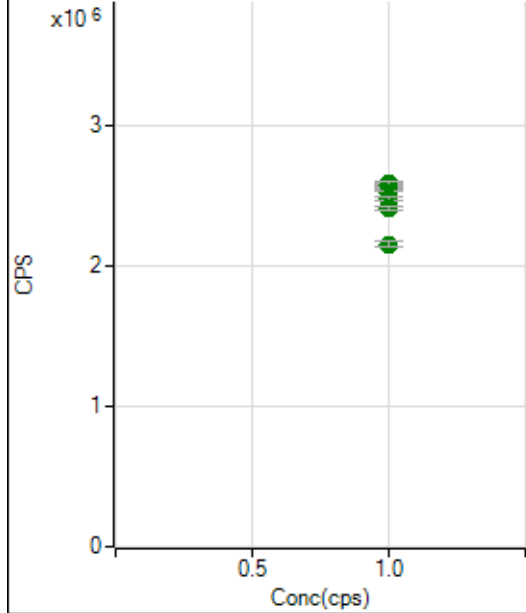
$$R = 0.9999$$

$$DL = 0.0005004$$

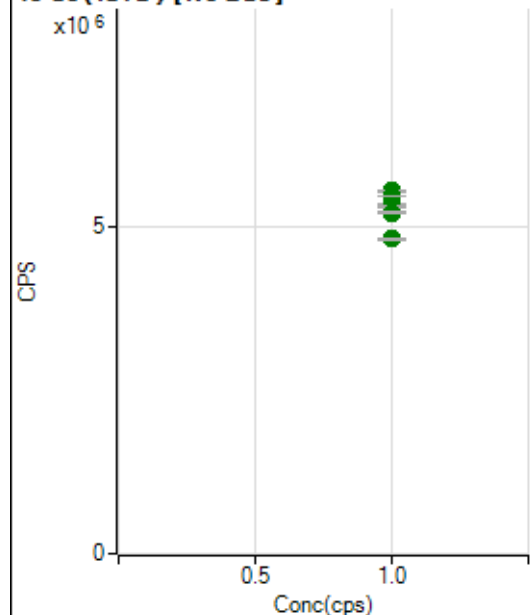
$$BEC = 0.00157$$

Weight: <None>

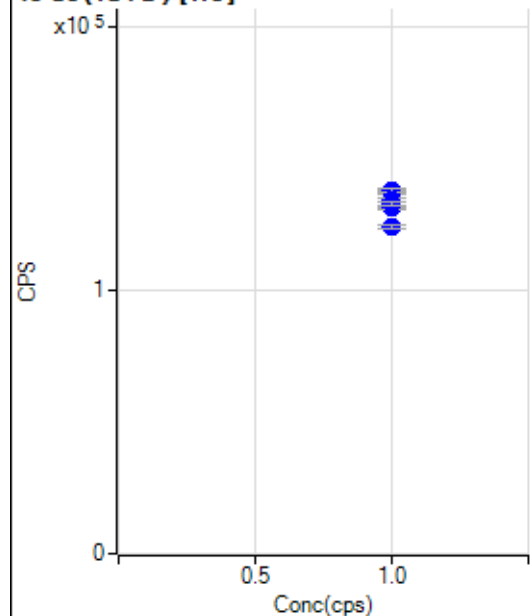
Min Conc: 0

6 Li (ISTD) [No Gas]

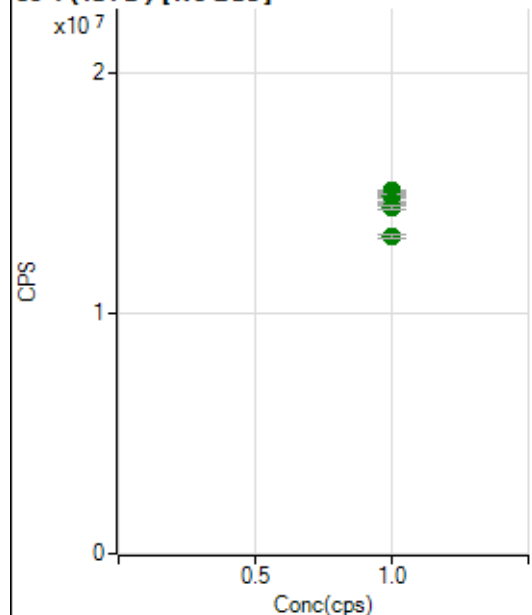
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2585653.54		A	1.2
2	☐	1.000		2561632.27		A	0.7
3	☐	1.000		2580381.15		A	1.2
4	☐	1.000		2579229.99		A	1.9
5	☐	1.000		2518218.61		A	1.5
6	☐	1.000		2481767.65		A	1.5
7	☐	1.000		2408503.89		A	1.3
8	☐	1.000		2156525.54		A	1.8

45 Sc (ISTD) [No Gas]

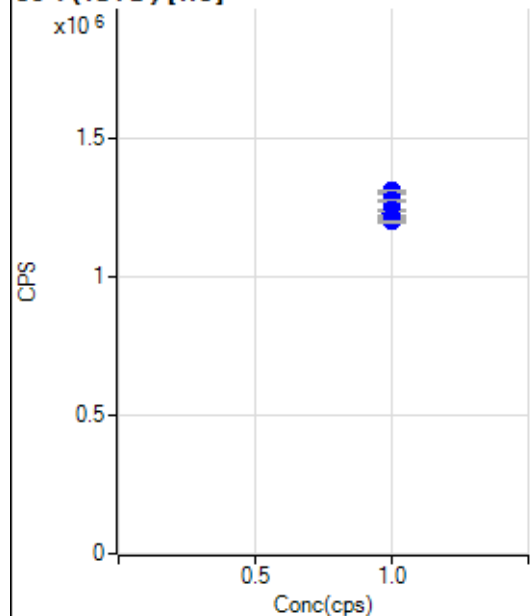
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5542181.03		A	0.7
2	☐	1.000		5469251.93		A	0.2
3	☐	1.000		5534892.35		A	0.5
4	☐	1.000		5468002.84		A	0.4
5	☐	1.000		5330836.97		A	1.0
6	☐	1.000		5304320.76		A	0.4
7	☐	1.000		5207588.88		A	0.4
8	☐	1.000		4809232.25		A	0.7

45 Sc (ISTD) [He]

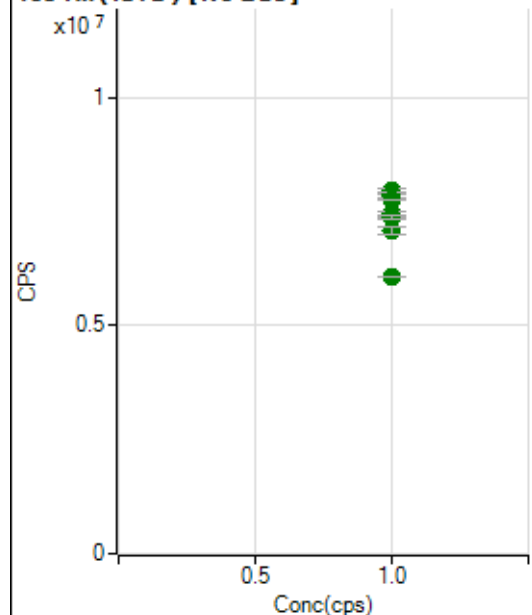
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		137659.59		P	0.3
2	☐	1.000		137281.59		P	0.8
3	☐	1.000		137825.42		P	1.1
4	☐	1.000		134540.32		P	1.0
5	☐	1.000		131713.36		P	0.2
6	☐	1.000		131426.53		P	0.8
7	☐	1.000		132786.60		P	0.9
8	☐	1.000		124160.31		P	0.9

89 Y (ISTD) [No Gas]

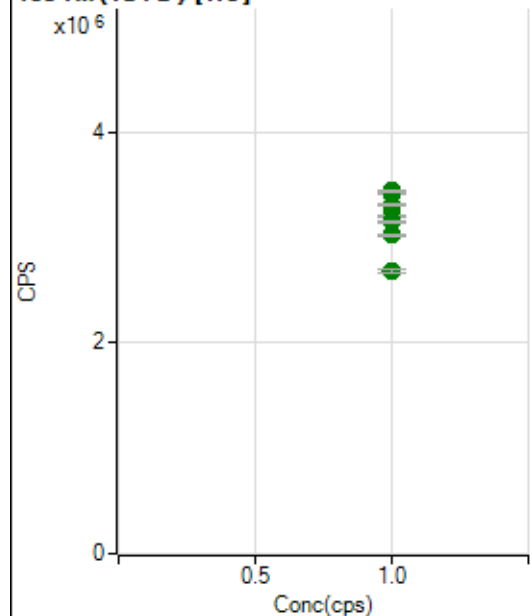
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14993916.86		A	1.8
2	☐	1.000		14901051.44		A	0.9
3	☐	1.000		15109555.89		A	0.3
4	☐	1.000		14971658.39		A	0.2
5	☐	1.000		14637312.56		A	0.8
6	☐	1.000		14626249.23		A	0.9
7	☐	1.000		14406637.70		A	0.9
8	☐	1.000		13203927.44		A	1.1

89 Y (ISTD) [He]

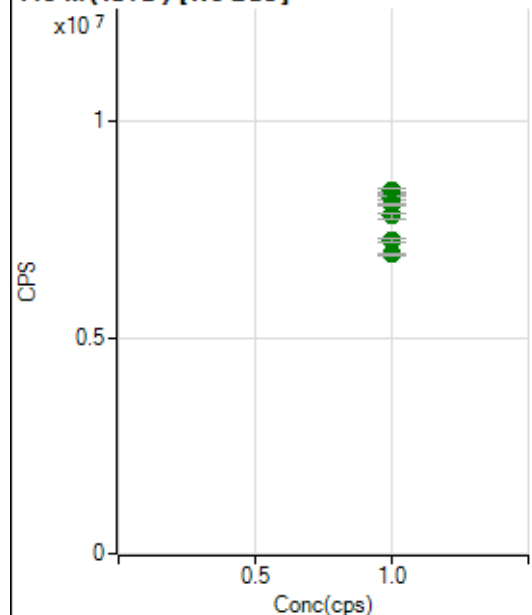
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1300419.76		P	0.7
2	☐	1.000		1306034.40		P	0.2
3	☐	1.000		1310527.89		P	0.4
4	☐	1.000		1275340.43		P	0.4
5	☐	1.000		1242450.98		P	0.2
6	☐	1.000		1229013.22		P	1.1
7	☐	1.000		1213649.47		P	0.6
8	☐	1.000		1199331.09		P	0.3

103 Rh (ISTD) [No Gas]

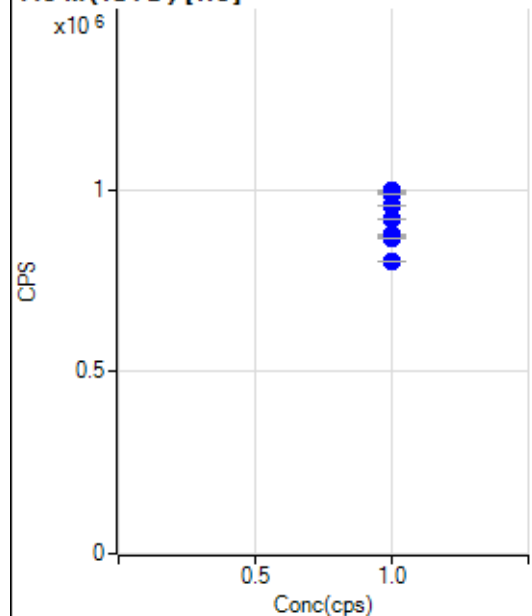
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7954782.80		A	1.0
2	☐	1.000		7856805.51		A	1.2
3	☐	1.000		7867186.48		A	1.6
4	☐	1.000		7752890.37		A	0.3
5	☐	1.000		7450147.04		A	1.5
6	☐	1.000		7378974.06		A	0.6
7	☐	1.000		7082788.57		A	1.8
8	☐	1.000		6066061.65		A	0.1

103 Rh (ISTD) [He]

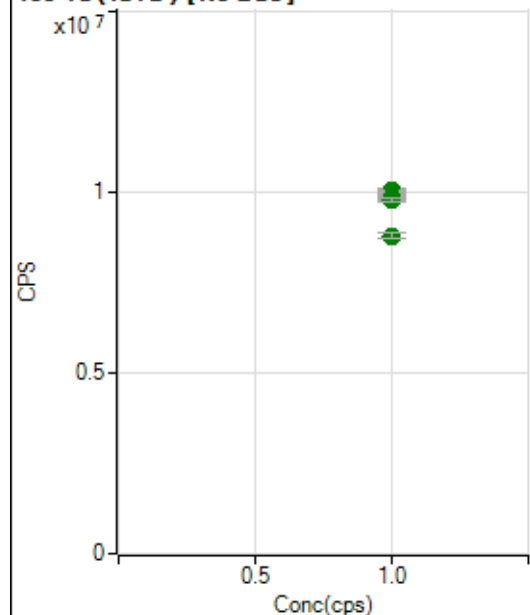
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3420532.31		A	0.4
2	☐	1.000		3413262.83		A	0.7
3	☐	1.000		3438373.49		A	0.7
4	☐	1.000		3305148.04		A	0.7
5	☐	1.000		3202978.32		A	0.3
6	☐	1.000		3148439.50		A	0.8
7	☐	1.000		3018527.94		A	0.9
8	☐	1.000		2677509.06		A	1.0

115 In (ISTD) [No Gas]

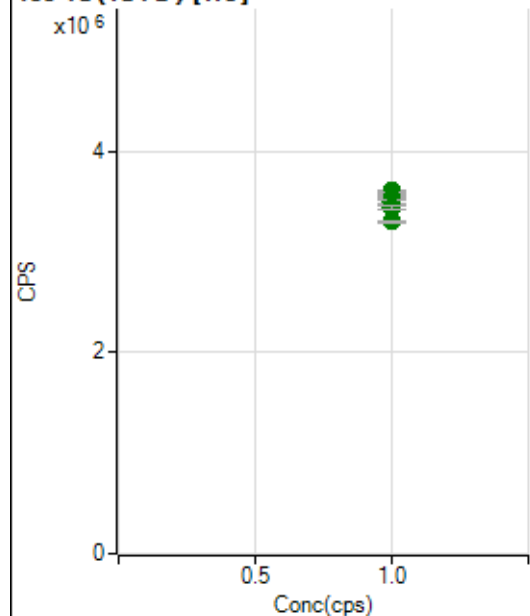
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8248743.09		A	1.5
2	☐	1.000		8330198.00		A	1.1
3	☐	1.000		8390936.98		A	1.8
4	☐	1.000		8230025.58		A	1.3
5	☐	1.000		8083422.43		A	0.5
6	☐	1.000		7806522.07		A	1.6
7	☐	1.000		7248060.88		A	0.9
8	☐	1.000		6932862.77		A	0.7

115 In (ISTD) [He]

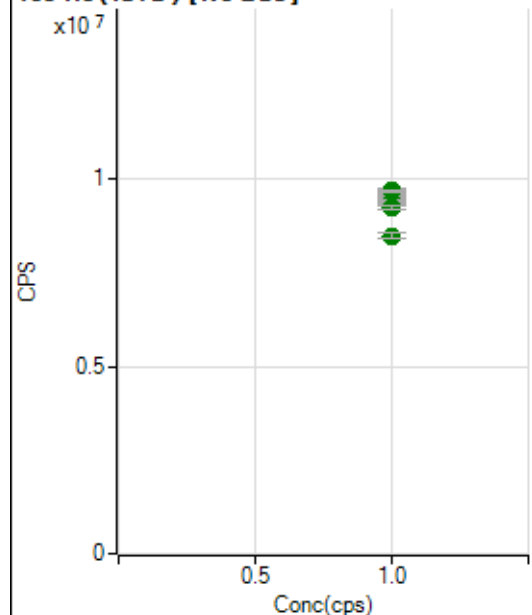
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		986690.93		P	0.3
2	☐	1.000		996067.03		P	0.3
3	☐	1.000		987363.39		P	0.5
4	☐	1.000		955891.18		P	0.5
5	☐	1.000		918991.79		P	0.3
6	☐	1.000		874559.47		P	0.4
7	☐	1.000		802979.05		P	0.2
8	☐	1.000		866076.69		P	0.2

159 Tb (ISTD) [No Gas]

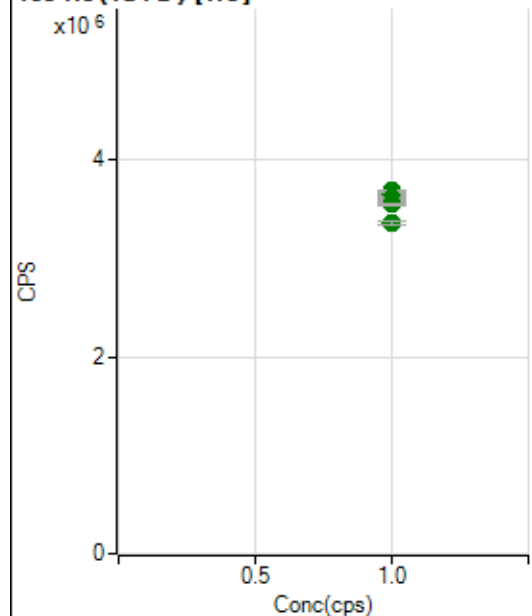
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9764127.84		A	1.1
2	☐	1.000		9859184.23		A	0.2
3	☐	1.000		10022019.85		A	1.3
4	☐	1.000		9991992.56		A	0.6
5	☐	1.000		9899589.43		A	2.1
6	☐	1.000		9825439.86		A	0.6
7	☐	1.000		9762719.51		A	1.4
8	☐	1.000		8775618.20		A	1.6

159 Tb (ISTD) [He]

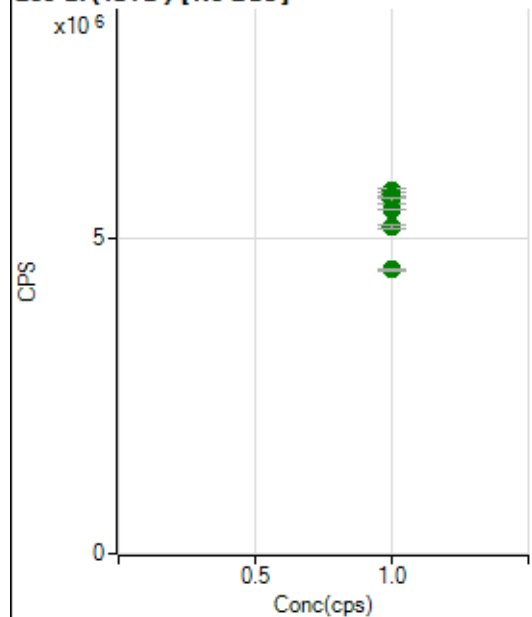
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3572466.44		A	0.9
2	☐	1.000		3578038.28		A	0.2
3	☐	1.000		3610076.68		A	0.5
4	☐	1.000		3587436.30		A	0.3
5	☐	1.000		3531163.87		A	0.5
6	☐	1.000		3501151.02		A	0.8
7	☐	1.000		3446028.25		A	0.7
8	☐	1.000		3304425.44		A	0.3

165 Ho (ISTD) [No Gas]

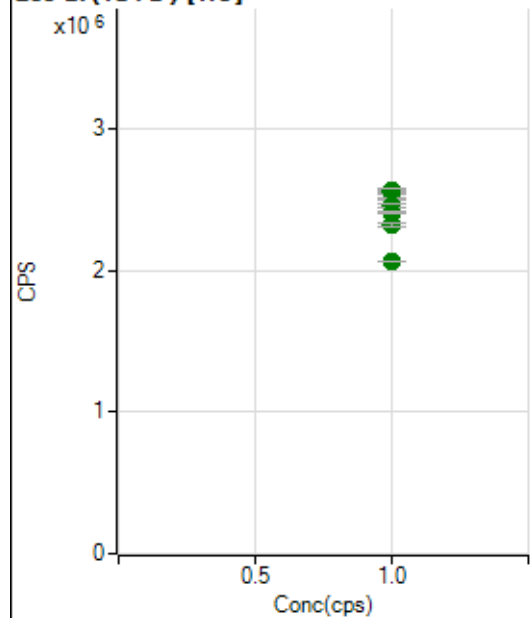
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9519582.71		A	1.2
2	☐	1.000		9548748.05		A	1.1
3	☐	1.000		9667264.44		A	2.0
4	☐	1.000		9682336.87		A	0.7
5	☐	1.000		9369739.93		A	1.2
6	☐	1.000		9411877.78		A	0.8
7	☐	1.000		9220882.92		A	1.1
8	☐	1.000		8488431.19		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3645125.64		A	0.2
2	☐	1.000		3652748.31		A	1.2
3	☐	1.000		3689722.27		A	0.6
4	☐	1.000		3679501.34		A	0.5
5	☐	1.000		3574194.67		A	0.7
6	☐	1.000		3610319.04		A	0.7
7	☐	1.000		3556554.32		A	0.7
8	☐	1.000		3359234.43		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5695514.43		A	1.4
2	☐	1.000		5676927.55		A	0.3
3	☐	1.000		5760350.47		A	1.2
4	☐	1.000		5669318.25		A	0.2
5	☐	1.000		5607583.32		A	1.8
6	☐	1.000		5468275.82		A	0.2
7	☐	1.000		5182950.58		A	1.3
8	☐	1.000		4510068.75		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2552631.25		A	0.8
2	☐	1.000		2559648.11		A	1.1
3	☐	1.000		2551962.84		A	1.6
4	☐	1.000		2506394.91		A	0.5
5	☐	1.000		2461387.67		A	1.2
6	☐	1.000		2405376.63		A	0.4
7	☐	1.000		2320805.64		A	1.6
8	☐	1.000		2058983.04		A	0.1