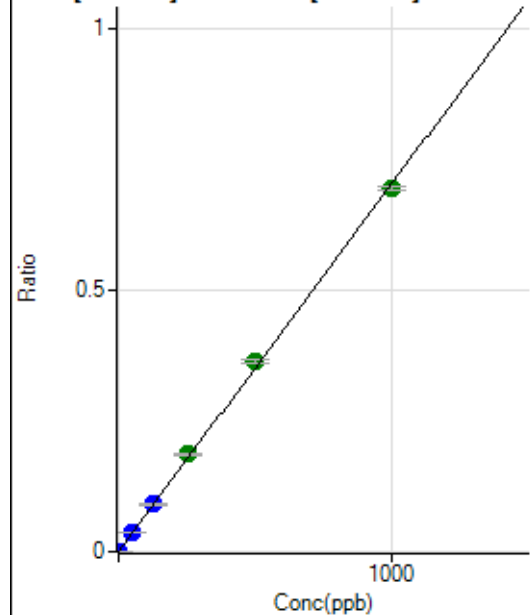


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012425MS.b\
Analysis File: P8012425MS.batch.bin
DA Date-Time: 2025-01-27 13:39:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-24 09:47:03
2	006CALS.d	S02	2025-01-24 09:53:49
3	007CALB.d	S03	2025-01-24 09:57:11
4	008CALS.d	S04	2025-01-24 10:00:22
5	009CALS.d	S05	2025-01-24 10:03:22
6	010CALS.d	S06	2025-01-24 10:06:18
7	011CALS.d	S07	2025-01-24 10:09:07
8	012CALS.d	S08	2025-01-24 10:11:54

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.15	0.0000	P	12.3
2	☐	1.000	0.957	4630.58	0.0007	P	3.1
3	☐	50.000	51.794	239453.78	0.0365	P	1.3
4	☐	125.000	128.318	585773.95	0.0903	P	1.8
5	☐	250.000	264.982	1192890.01	0.1864	A	1.1
6	☐	500.000	517.647	2305054.37	0.3641	A	2.1
7	☐	1000.000	986.927	4301065.78	0.6942	A	1.0
8	☐			1128.24	0.0002	P	7.8

$$y = 7.0338\text{E-}004 * x + 3.0237\text{E-}005$$

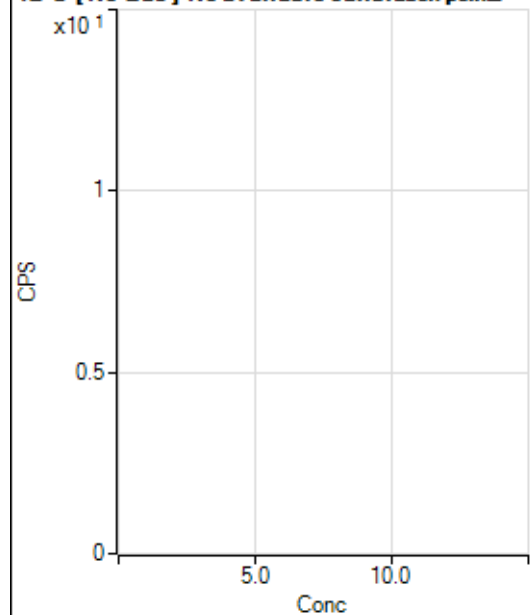
$$R = 0.9996$$

$$DL = 0.01587$$

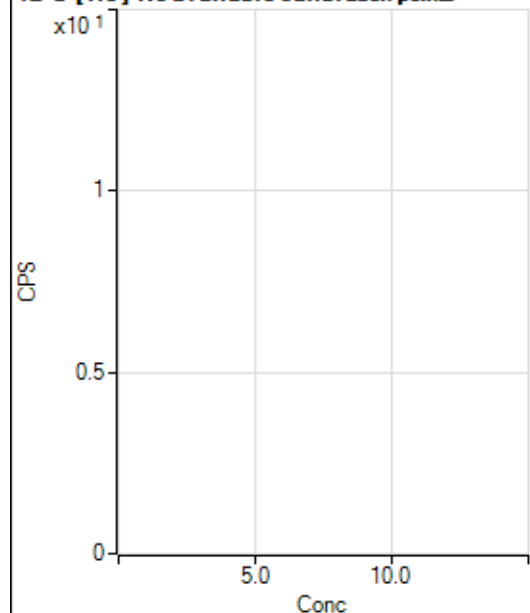
$$BEC = 0.04299$$

Weight: <None>

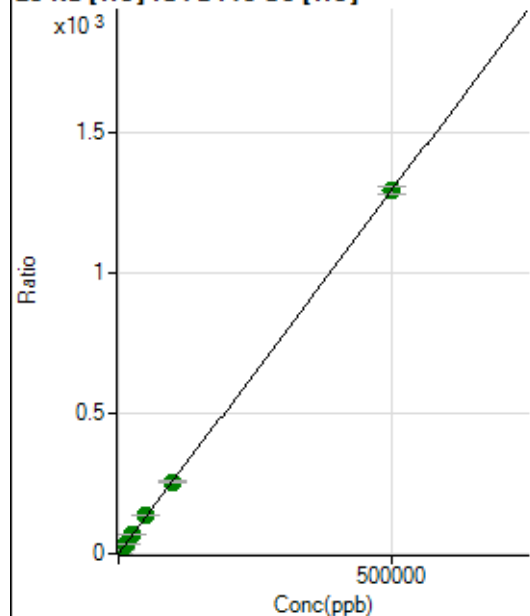
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2778769.33		A	0.8
2	☐			2780550.62		A	1.1
3	☐			2905477.11		A	0.5
4	☐			2980703.91		A	1.6
5	☐			3052401.20		A	1.3
6	☐			3129602.04		A	1.3
7	☐			3209613.80		A	1.8
8	☐			2608195.73		A	1.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18940.07		P	1.1
2	☐			18764.27		P	1.2
3	☐			20477.68		P	1.7
4	☐			20691.33		P	1.9
5	☐			21489.14		P	0.7
6	☐			22624.17		P	2.0
7	☐			24576.17		P	0.5
8	☐			22734.37		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19009.14	0.1289	P	2.3
2	☐	500.000	486.290	201129.25	1.3852	P	0.9
3	☐	5000.000	5418.460	2057603.27	14.1275	A	0.1
4	☐	12500.000	13458.158	5022750.17	34.8980	A	4.0
5	☐	25000.000	26358.919	10017577.91	68.2271	A	0.5
6	☐	50000.000	52248.312	19927677.76	135.1123	A	1.0
7	☐	100000.00	99297.883	37919527.49	256.6647	A	0.4
8	☐	500000.00	499819.52	154960911.0	1,291.411	A	2.0

$$y = 0.0026 * x + 0.1289$$

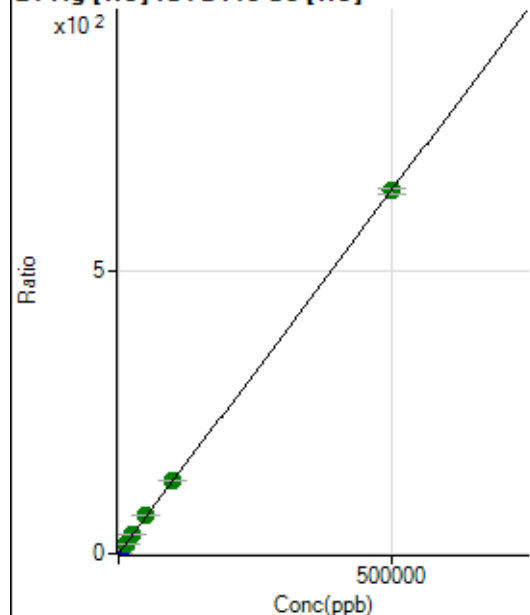
$$R = 1.0000$$

$$DL = 3.415$$

$$BEC = 49.9$$

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	491.13	0.0033	P	11.6
2	☐	500.000	509.782	95280.62	0.6562	P	1.0
3	☐	5000.000	5403.056	1008328.79	6.9232	P	0.0
4	☐	12500.000	13960.811	2573401.00	17.8833	A	4.6
5	☐	25000.000	26800.559	5040203.29	34.3275	A	0.3
6	☐	50000.000	52918.220	9996110.82	67.7771	A	1.4
7	☐	100000.00	100506.20	19018254.30	128.7242	A	0.5
8	☐	500000.00	499476.34	76760749.41	639.6957	A	1.8

$$y = 0.0013 * x + 0.0033$$

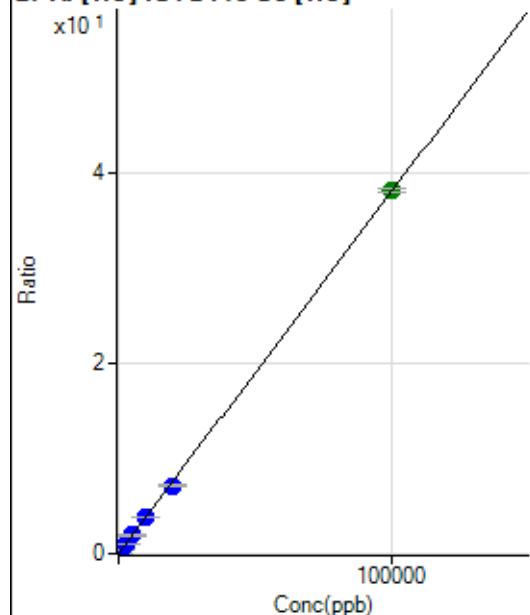
$$R = 1.0000$$

$$DL = 0.9046$$

$$BEC = 2.601$$

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	81.11	0.0005	P	20.3
2	☐	20.000	18.338	1092.27	0.0075	P	4.3
3	☐	1000.000	1034.131	57357.99	0.3938	P	0.6
4	☐	2500.000	2619.637	143475.69	0.9968	P	3.4
5	☐	5000.000	5049.015	282003.48	1.9206	P	0.4
6	☐	10000.000	9957.713	558587.93	3.7873	P	1.2
7	☐	20000.000	18856.440	1059464.12	7.1714	P	1.0
8	☐	100000.00	100227.15	4574079.93	38.1157	A	1.2

$$y = 3.8029E-004 * x + 5.4949E-004$$

$$R = 0.9999$$

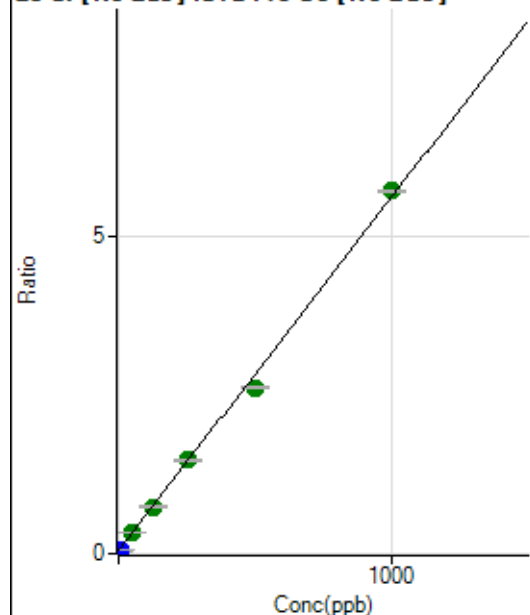
$$DL = 0.8814$$

$$BEC = 1.445$$

Weight: <None>

Min Conc: 0

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



$$y = 0.0056 * x + 0.0487$$

$$R = 0.9989$$

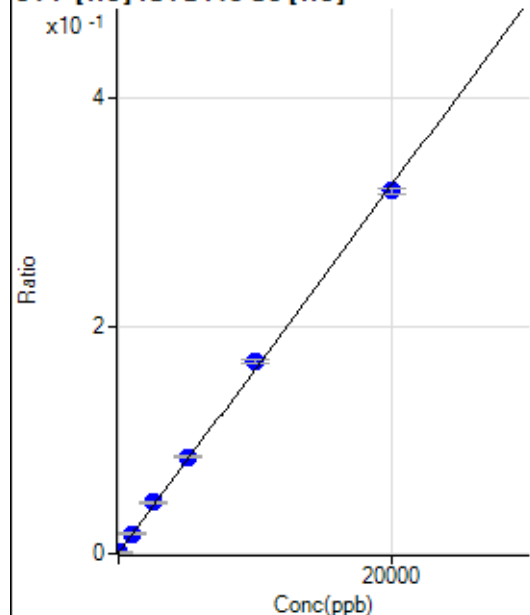
$$DL = 3.62$$

$$BEC = 8.736$$

Weight: <None>

Min Conc: 0

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



$$y = 1.6169E-005 * x + 5.9431E-004$$

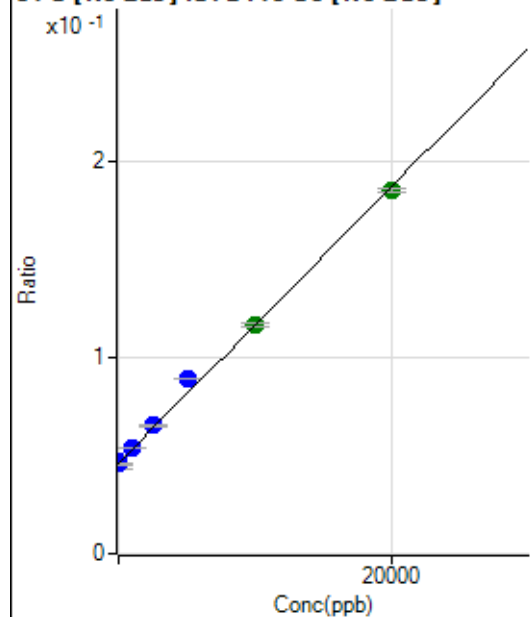
$$R = 0.9995$$

$$DL = 12.47$$

$$BEC = 36.76$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	75.776	387232.25	0.0468	P	13.7
2	☐	0.000	-75.776	385602.73	0.0457	P	0.7
3	☐	1000.000	1119.982	453498.13	0.0541	P	0.6
4	☐	2500.000	2731.195	563768.03	0.0655	P	1.0
5	☐	5000.000	6081.176	757468.62	0.0891	P	0.8
6	☐	10000.000	10033.579	1008325.84	0.1170	A	1.6
7	☐	20000.000	19678.018	1594157.25	0.1849	A	1.1
8	☐			310284.25	0.0437	P	0.9

$$y = 7.0471\text{E-}006 * x + 0.0462$$

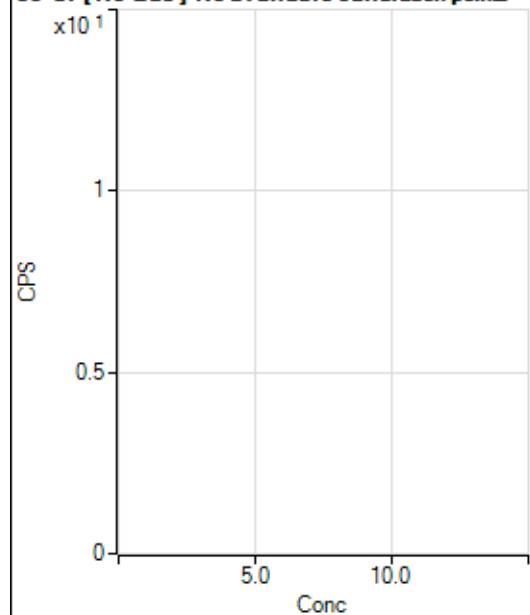
R = 0.9983

DL = 1432

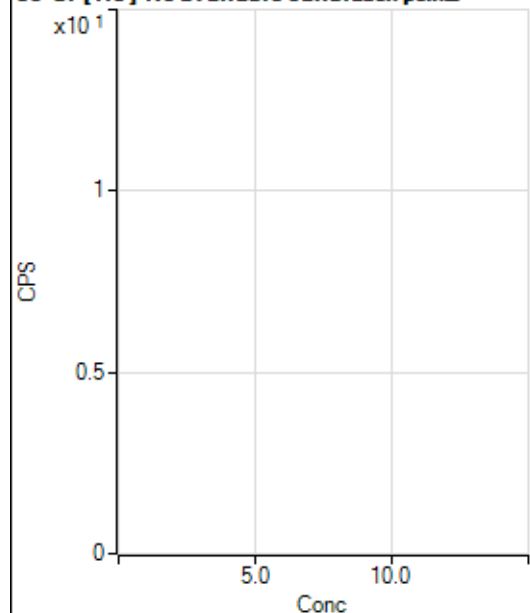
BEC = 6563

Weight: <None>

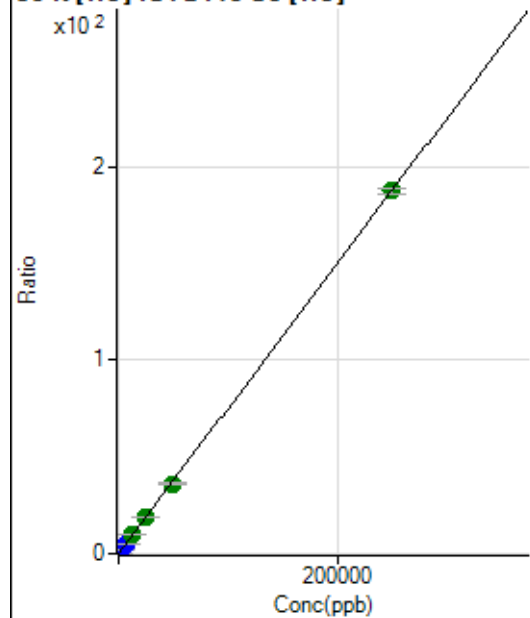
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			63841.96		P	1.0
2	☐			56592.31		P	1.3
3	☐			70373.13		P	1.5
4	☐			74174.19		P	1.1
5	☐			79946.81		P	1.6
6	☐			88672.59		P	2.7
7	☐			95403.96		P	2.7
8	☐			58531.05		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			252.23		P	6.0
2	☐			214.45		P	11.5
3	☐			284.45		P	5.8
4	☐			330.01		P	8.3
5	☐			306.67		P	5.4
6	☐			420.01		P	10.7
7	☐			465.57		P	11.5
8	☐			282.23		P	5.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6653.80	0.0451	P	2.2
2	☐	500.000	464.686	57097.92	0.3932	P	0.6
3	☐	2500.000	2493.249	278615.21	1.9130	P	0.7
4	☐	6250.000	6301.937	686108.52	4.7664	P	3.3
5	☐	12500.000	12763.125	1410577.34	9.6069	A	0.2
6	☐	25000.000	25470.434	2821010.20	19.1269	A	1.2
7	☐	50000.000	48301.474	5352944.99	36.2312	A	1.4
8	☐	250000.00	250278.34	22506079.66	187.5467	A	1.4

$$y = 7.4917E-004 * x + 0.0451$$

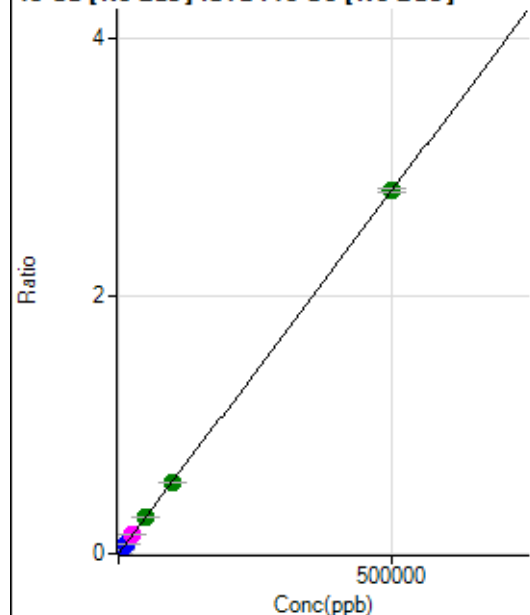
$$R = 1.0000$$

$$DL = 3.956$$

$$BEC = 60.22$$

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	406.68	0.0000	P	9.3
2	☐	500.000	476.764	23064.13	0.0027	P	1.7
3	☐	5000.000	5149.832	243389.24	0.0291	P	0.7
4	☐	12500.000	12439.338	603490.59	0.0701	P	1.8
5	☐	25000.000	25785.606	1234950.15	0.1453	M	3.1
6	☐	50000.000	50799.998	2467246.96	0.2862	A	2.4
7	☐	100000.00	98658.490	4790824.90	0.5557	A	1.5
8	☐	500000.00	500149.06	19986281.51	2.8171	A	0.9

$$y = 5.6325E-006 * x + 4.8945E-005$$

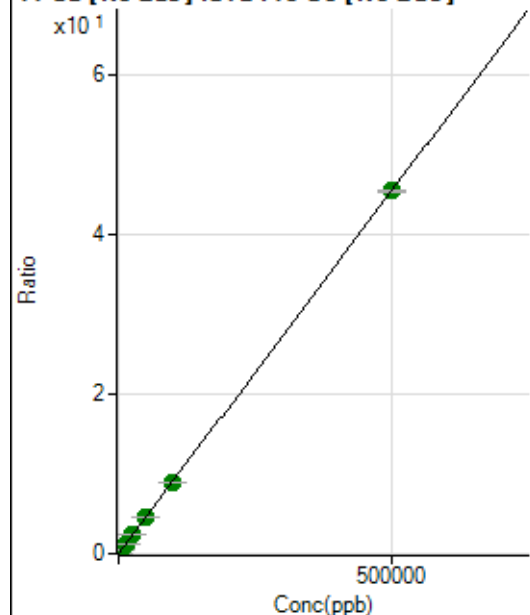
$$R = 1.0000$$

$$DL = 2.435$$

$$BEC = 8.69$$

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	9561.04	0.0012	P	11.2
2	☐	500.000	479.997	377833.74	0.0448	P	1.0
3	☐	5000.000	5233.594	3995415.70	0.4770	A	0.6
4	☐	12500.000	12632.963	9896082.56	1.1497	A	1.7
5	☐	25000.000	25681.464	19858599.98	2.3360	A	1.2
6	☐	50000.000	50652.515	39712625.80	4.6063	A	1.8
7	☐	100000.00	98434.992	77164102.74	8.9506	A	0.4
8	☐	500000.00	500208.03	322631584.0	45.4788	A	0.5

$$y = 9.0917E-005 * x + 0.0012$$

$$R = 1.0000$$

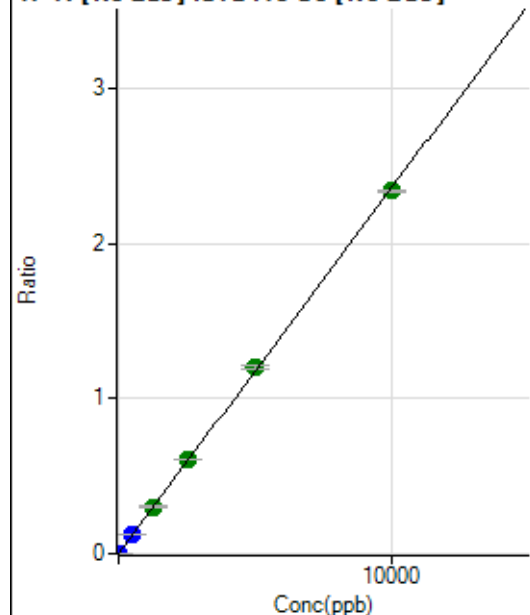
$$DL = 4.267$$

$$BEC = 12.68$$

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	113.34	0.0000	P	21.2
2	☐	5.000	4.775	9604.40	0.0011	P	1.1
3	☐	500.000	514.748	1015919.63	0.1213	P	0.0
4	☐	1250.000	1285.406	2606424.91	0.3028	A	2.8
5	☐	2500.000	2577.547	5162072.80	0.6072	A	1.3
6	☐	5000.000	5106.485	10371465.33	1.2030	A	1.7
7	☐	10000.000	9922.208	20151539.56	2.3375	A	0.8
8	☐			6512.66	0.0009	P	2.4

$$y = 2.3558\text{E-}004 * x + 1.3775\text{E-}005$$

$$R = 0.9999$$

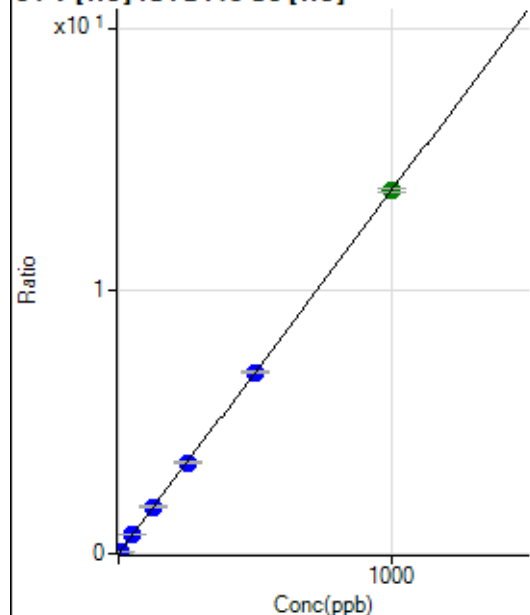
$$DL = 0.03713$$

$$BEC = 0.05847$$

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	11.11	0.0001	P	46.9
2	☐	5.000	4.657	9346.46	0.0644	P	2.3
3	☐	50.000	50.652	101859.97	0.6994	P	0.7
4	☐	125.000	128.250	254862.68	1.7706	P	3.5
5	☐	250.000	250.823	508424.02	3.4628	P	0.7
6	☐	500.000	499.940	1017965.07	6.9020	P	1.1
7	☐	1000.000	999.387	2038384.66	13.7971	A	1.1
8	☐			508.90	0.0042	P	9.1

$$y = 0.0138 * x + 7.5593\text{E-}005$$

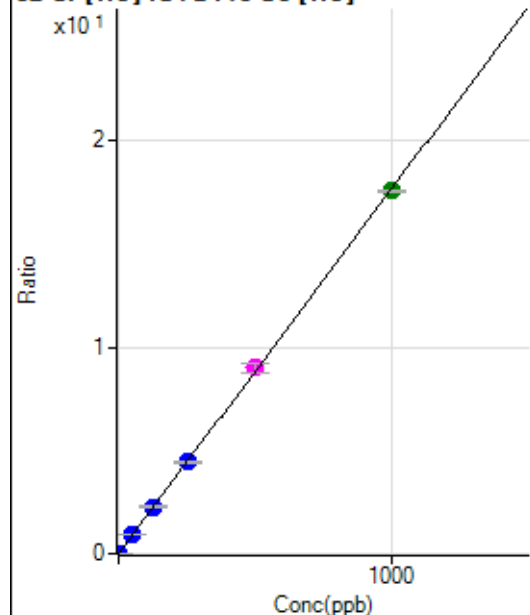
$$R = 1.0000$$

$$DL = 0.007701$$

$$BEC = 0.005476$$

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	590.02	0.0040	P	4.5
2	☐	2.000	1.863	5355.49	0.0369	P	0.3
3	☐	50.000	51.272	132374.06	0.9089	P	0.5
4	☐	125.000	128.212	326325.52	2.2668	P	2.9
5	☐	250.000	250.895	650717.01	4.4320	P	1.1
6	☐	500.000	508.804	1324677.77	8.9838	M	5.2
7	☐	1000.000	994.910	2594727.44	17.5629	A	0.3
8	☐			4305.18	0.0359	P	24.9

$$y = 0.0176 * x + 0.0040$$

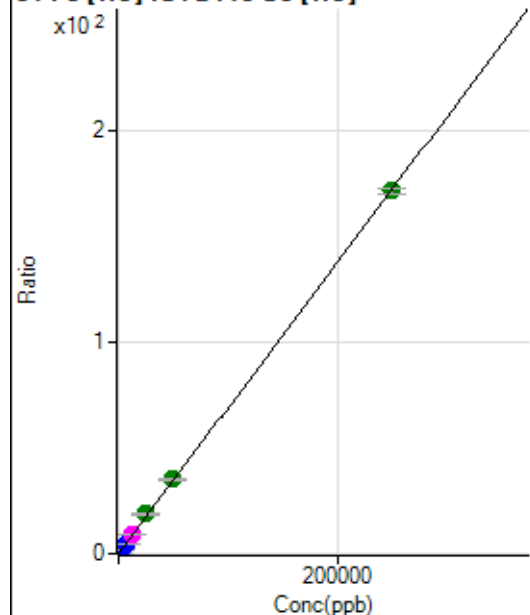
$$R = 0.9999$$

$$DL = 0.0304$$

$$BEC = 0.2267$$

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	295.56	0.0020	P	19.4
2	☐	50.000	51.620	5448.86	0.0375	P	1.2
3	☐	2500.000	2711.826	272109.05	1.8683	P	0.5
4	☐	6250.000	6799.359	673816.07	4.6814	P	3.6
5	☐	12500.000	13408.099	1355145.76	9.2296	M	2.3
6	☐	25000.000	27124.729	2753504.99	18.6696	A	1.3
7	☐	50000.000	51098.056	5195436.66	35.1683	A	1.1
8	☐	250000.00	249506.65	20605865.53	171.7155	A	1.8

$$y = 6.8821E-004 * x + 0.0020$$

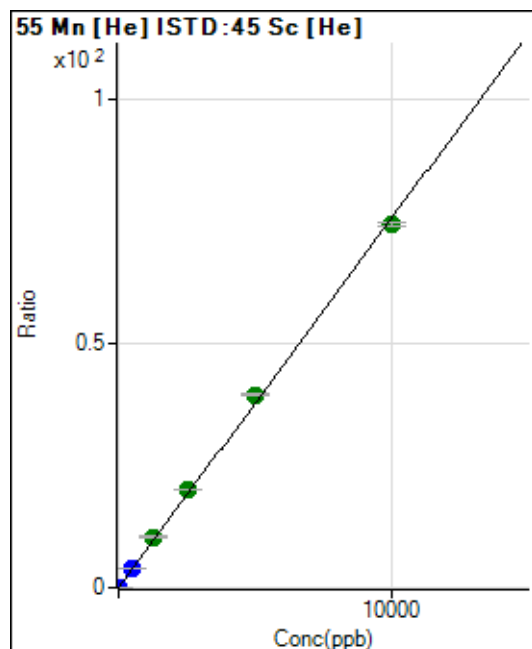
$$R = 1.0000$$

$$DL = 1.698$$

$$BEC = 2.91$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	170.00	0.0012	P	20.5
2	☐	1.000	0.971	1233.40	0.0085	P	6.5
3	☐	500.000	513.242	565521.39	3.8830	P	0.8
4	☐	1250.000	1374.894	1496312.74	10.3999	A	5.2
5	☐	2500.000	2672.137	2967538.85	20.2113	A	0.6
6	☐	5000.000	5225.512	5829157.48	39.5232	A	1.4
7	☐	10000.000	9827.936	10981485.81	74.3327	A	1.0
8	☐			4003.93	0.0333	P	5.8

$$y = 0.0076 * x + 0.0012$$

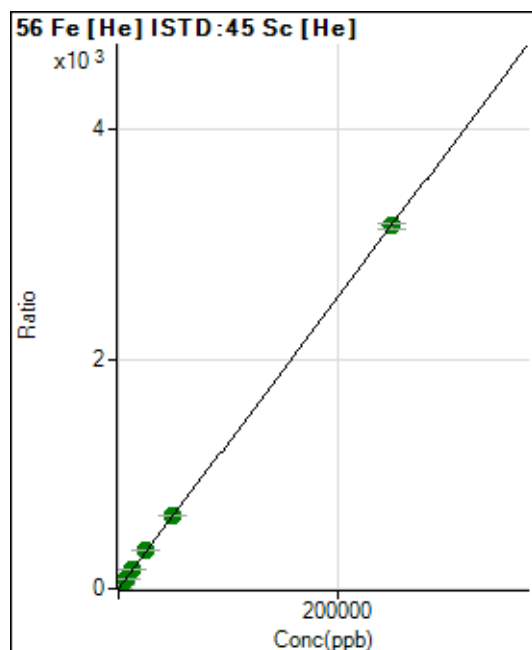
$$R = 0.9994$$

$$DL = 0.09374$$

$$BEC = 0.1523$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4658.59	0.0316	P	1.4
2	☐	50.000	51.179	98702.79	0.6798	P	0.5
3	☐	2500.000	2744.480	5066842.94	34.7895	A	0.9
4	☐	6250.000	6905.969	12593415.23	87.4933	A	3.6
5	☐	12500.000	13377.364	24879031.30	169.4514	A	1.2
6	☐	25000.000	26502.702	49506472.60	335.6793	A	1.7
7	☐	50000.000	50072.209	93686560.83	634.1790	A	1.3
8	☐	250000.00	249772.57	379614585.4	3,163.316	A	1.4

$$y = 0.0127 * x + 0.0316$$

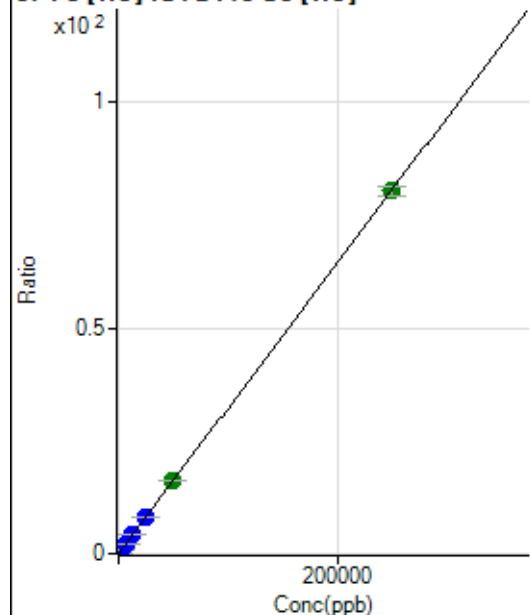
$$R = 1.0000$$

$$DL = 0.1017$$

$$BEC = 2.495$$

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	127.78	0.0009	P	7.1
2	☐	50.000	50.038	2463.57	0.0170	P	7.2
3	☐	2500.000	2630.907	123445.25	0.8476	P	0.5
4	☐	6250.000	6647.096	308052.24	2.1401	P	3.5
5	☐	12500.000	12856.255	607613.58	4.1384	P	1.0
6	☐	25000.000	25346.834	1203242.04	8.1583	P	1.3
7	☐	50000.000	50301.876	2391617.93	16.1897	A	1.9
8	☐	250000.00	249875.89	9649310.48	80.4191	A	2.5

$$y = 3.2183\text{E-}004 * x + 8.6694\text{E-}004$$

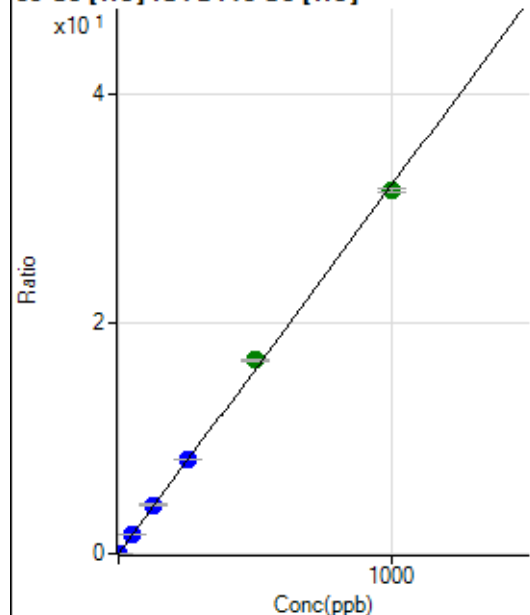
$$R = 1.0000$$

$$DL = 0.574$$

$$BEC = 2.694$$

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	105.56	0.0007	P	19.0
2	☐	1.000	1.027	4880.88	0.0336	P	0.8
3	☐	50.000	52.457	244898.78	1.6815	P	0.5
4	☐	125.000	131.888	608320.64	4.2265	P	3.8
5	☐	250.000	256.506	1206807.98	8.2194	P	0.7
6	☐	500.000	525.017	2481250.92	16.8228	A	0.7
7	☐	1000.000	984.881	4661961.25	31.5573	A	1.1
8	☐			7837.79	0.0653	P	3.7

$$y = 0.0320 * x + 7.1674\text{E-}004$$

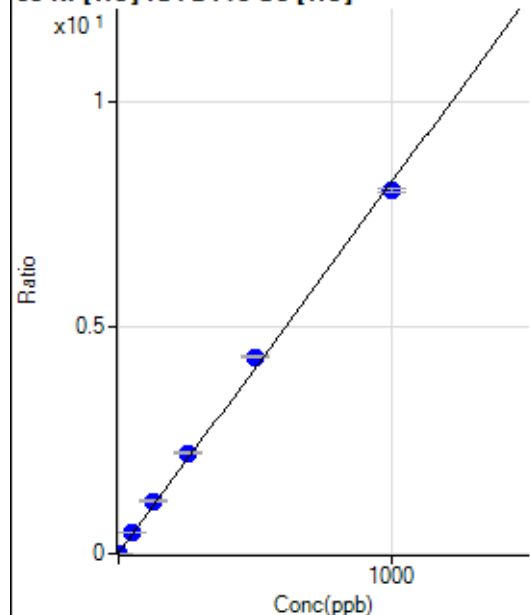
$$R = 0.9995$$

$$DL = 0.01278$$

$$BEC = 0.02237$$

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	1090.05	0.0074	P	6.2
2	☐	1.000	0.983	2243.53	0.0155	P	1.2
3	☐	50.000	56.348	68377.62	0.4695	P	1.3
4	☐	125.000	140.098	166469.97	1.1563	P	2.8
5	☐	250.000	270.873	327238.52	2.2288	P	0.8
6	☐	500.000	530.498	642737.24	4.3579	P	1.2
7	☐	1000.000	977.328	1185192.21	8.0223	P	1.0
8	☐			3049.24	0.0254	P	0.2

$$y = 0.0082 * x + 0.0074$$

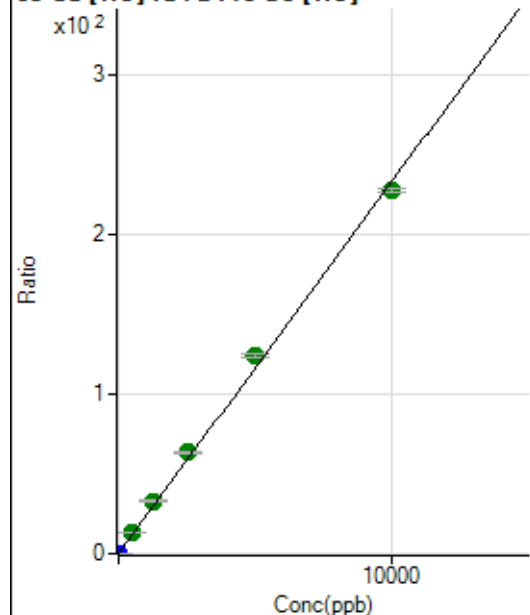
$$R = 0.9990$$

$$DL = 0.1689$$

$$BEC = 0.9015$$

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	3225.95	0.0219	P	5.3
2	☐	2.000	2.077	10200.42	0.0703	P	1.0
3	☐	500.000	557.471	1893749.87	13.0023	A	0.4
4	☐	1250.000	1406.266	4716668.44	32.7660	A	3.2
5	☐	2500.000	2721.027	9305736.53	63.3794	A	1.0
6	☐	5000.000	5316.702	18260416.81	123.8183	A	2.0
7	☐	10000.000	9763.985	33590496.72	227.3707	A	0.9
8	☐			7522.06	0.0627	P	3.2

$$y = 0.0233 * x + 0.0219$$

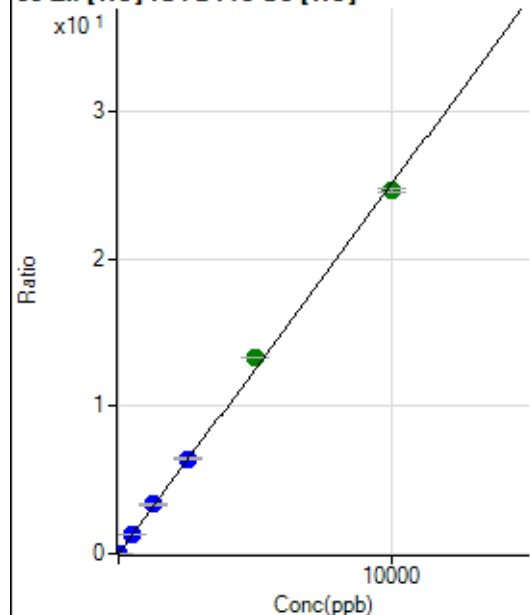
$$R = 0.9989$$

$$DL = 0.1501$$

$$BEC = 0.9399$$

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	258.89	0.0018	P	12.6
2	☐	5.000	4.864	2026.83	0.0140	P	8.0
3	☐	500.000	527.503	193010.91	1.3252	P	0.6
4	☐	1250.000	1327.913	479802.51	3.3334	P	3.5
5	☐	2500.000	2569.553	946815.34	6.4486	P	0.6
6	☐	5000.000	5299.172	1961240.06	13.2970	A	0.6
7	☐	10000.000	9821.911	3640808.11	24.6443	A	1.2
8	☐			1266.74	0.0106	P	8.3

$$y = 0.0025 * x + 0.0018$$

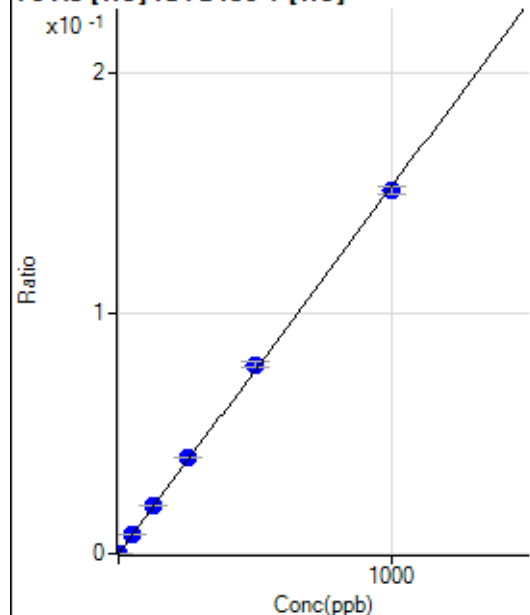
$$R = 0.9993$$

$$DL = 0.2649$$

$$BEC = 0.7003$$

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	4.44	0.0000	P	114.9
2	☐	1.000	1.034	217.78	0.0002	P	8.1
3	☐	50.000	52.845	11016.62	0.0081	P	4.4
4	☐	125.000	130.156	27471.28	0.0199	P	2.7
5	☐	250.000	263.476	55312.42	0.0403	P	0.7
6	☐	500.000	515.046	109704.76	0.0787	P	2.7
7	☐	1000.000	988.321	210200.85	0.1511	P	2.3
8	☐			93.33	0.0001	P	17.5

$$y = 1.5288E-004 * x + 3.2293E-006$$

$$R = 0.9997$$

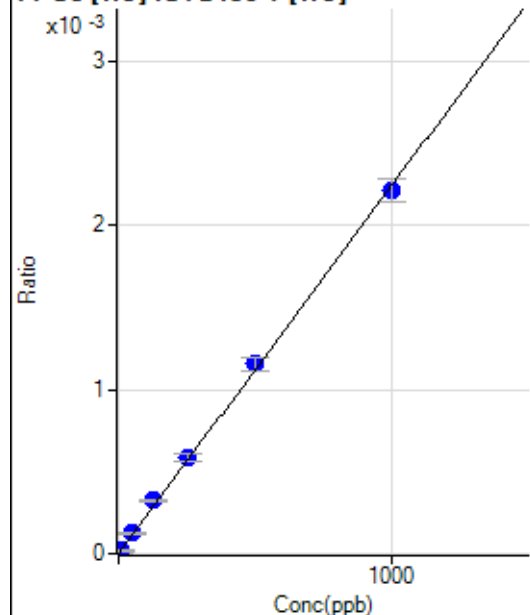
$$DL = 0.07284$$

$$BEC = 0.02112$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	8.087	25.55	0.0000	P	14.9
3	☐	50.000	54.545	167.78	0.0001	P	6.7
4	☐	125.000	145.117	450.01	0.0003	P	3.9
5	☐	250.000	260.788	803.36	0.0006	P	7.5
6	☐	500.000	516.728	1613.44	0.0012	P	7.1
7	☐	1000.000	986.182	3072.59	0.0022	P	6.5
8	☐			0.00	0.0000	P	

$$y = 2.2406\text{E-}006 * x + 8.0858\text{E-}007$$

$$R = 0.9996$$

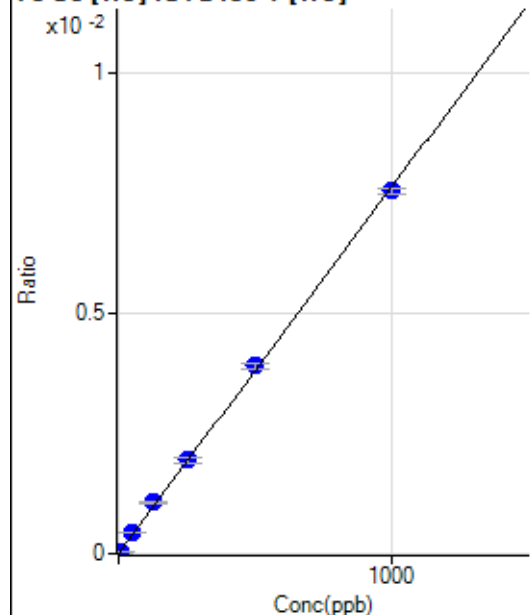
$$DL = 1.875$$

$$BEC = 0.3609$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.8
2	☐	5.000	6.822	75.55	0.0001	P	13.7
3	☐	50.000	57.714	604.46	0.0004	P	5.2
4	☐	125.000	140.138	1478.98	0.0011	P	2.3
5	☐	250.000	254.343	2664.73	0.0019	P	7.8
6	☐	500.000	512.932	5446.66	0.0039	P	3.1
7	☐	1000.000	990.161	10499.57	0.0075	P	1.4
8	☐			3.33	0.0000	P	100.4

$$y = 7.6143\text{E-}006 * x + 4.0025\text{E-}006$$

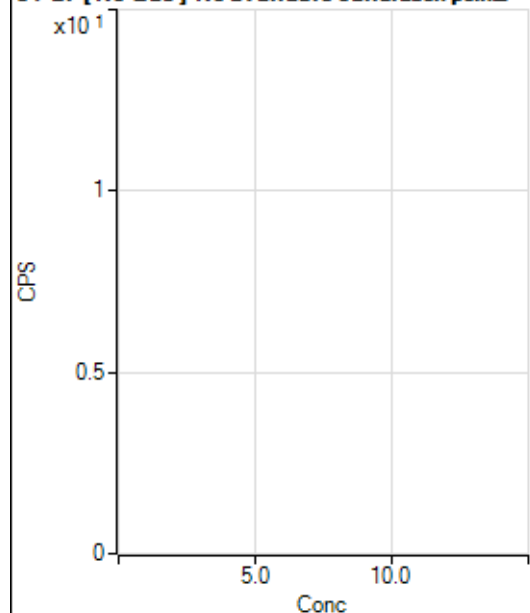
$$R = 0.9998$$

$$DL = 1.447$$

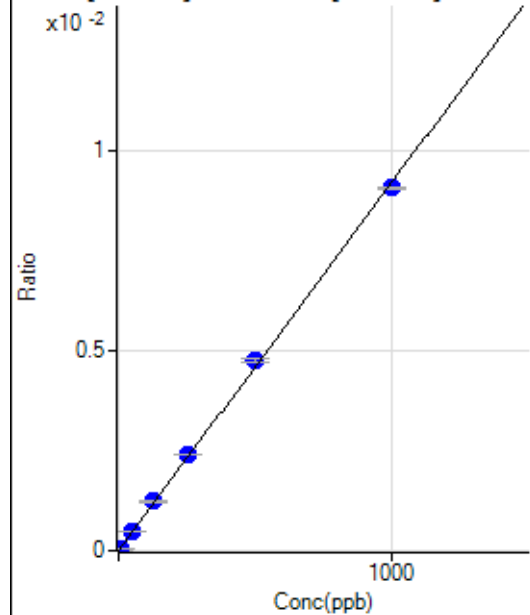
$$BEC = 0.5257$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5893.52		P	2.3
2	☐			5687.87		P	2.7
3	☐			5608.96		P	3.5
4	☐			5688.98		P	1.8
5	☐			5949.11		P	2.5
6	☐			6051.37		P	5.1
7	☐			6295.91		P	2.2
8	☐			6084.71		P	3.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-23.33	0.0000	P	-173.
2	☐	5.000	5.167	935.60	0.0000	P	5.5
3	☐	50.000	53.990	10037.13	0.0005	P	2.7
4	☐	125.000	133.787	25365.50	0.0012	P	2.3
5	☐	250.000	262.775	49888.95	0.0024	P	0.7
6	☐	500.000	518.135	99030.83	0.0048	P	1.8
7	☐	1000.000	986.440	189157.62	0.0091	P	0.6
8	☐			26.67	0.0000	P	168.8

$$y = 9.1924\text{E-}006 * x - 1.3416\text{E-}006$$

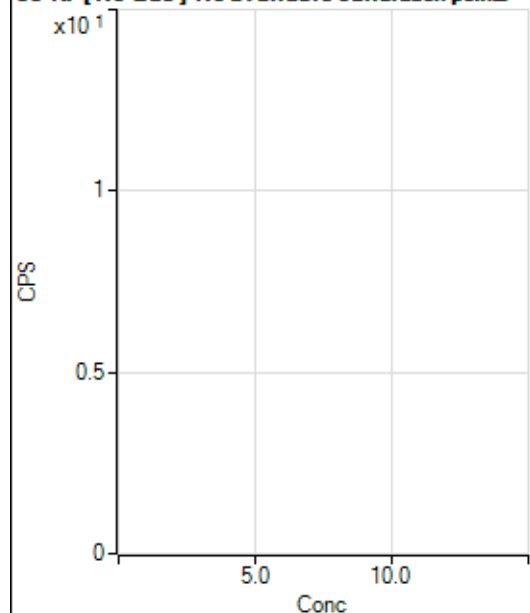
$$R = 0.9996$$

$$DL = 0.7583$$

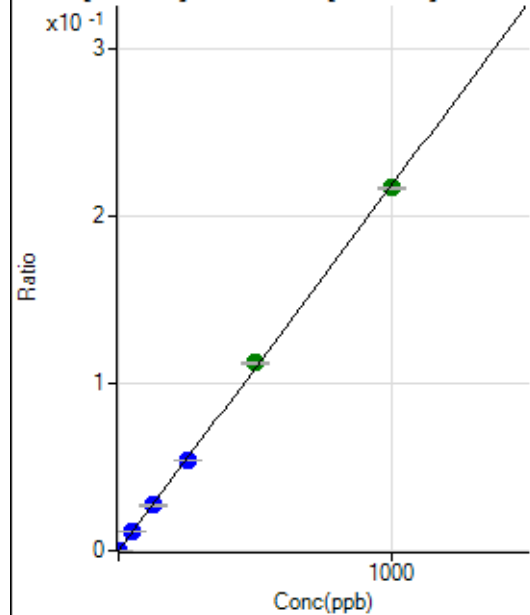
$$BEC = -0.1459$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			151.12		P	15.0
2	☐			128.89		P	3.0
3	☐			141.11		P	8.3
4	☐			135.56		P	22.0
5	☐			160.00		P	7.5
6	☐			148.89		P	19.0
7	☐			207.78		P	15.8
8	☐			250.00		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	276.67	0.0000	P	31.1
2	☐	1.000	0.935	4415.18	0.0002	P	2.1
3	☐	50.000	50.621	223999.61	0.0110	P	0.2
4	☐	125.000	123.806	557300.87	0.0270	P	1.3
5	☐	250.000	247.922	1116621.59	0.0540	P	0.6
6	☐	500.000	514.322	2331340.28	0.1121	A	1.0
7	☐	1000.000	993.477	4516676.60	0.2165	A	0.6
8	☐			11871.78	0.0007	P	1.5

$$y = 2.1789\text{E-}004 * x + 1.4005\text{E-}005$$

$$R = 0.9998$$

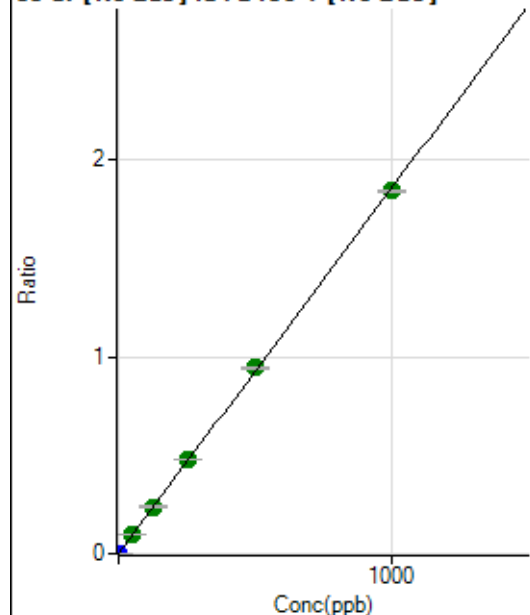
$$DL = 0.05993$$

$$BEC = 0.06427$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	586.69	0.0000	P	9.2
2	☐	1.000	0.906	34645.13	0.0017	P	1.3
3	☐	50.000	53.101	1997949.10	0.0985	A	1.5
4	☐	125.000	128.919	4937465.83	0.2391	A	1.7
5	☐	250.000	257.937	9886468.40	0.4784	A	0.3
6	☐	500.000	508.548	19618342.48	0.9432	A	1.2
7	☐	1000.000	993.097	38428390.26	1.8419	A	0.4
8	☐			101166.20	0.0058	P	0.9

$$y = 0.0019 * x + 2.9123E-005$$

$$R = 0.9999$$

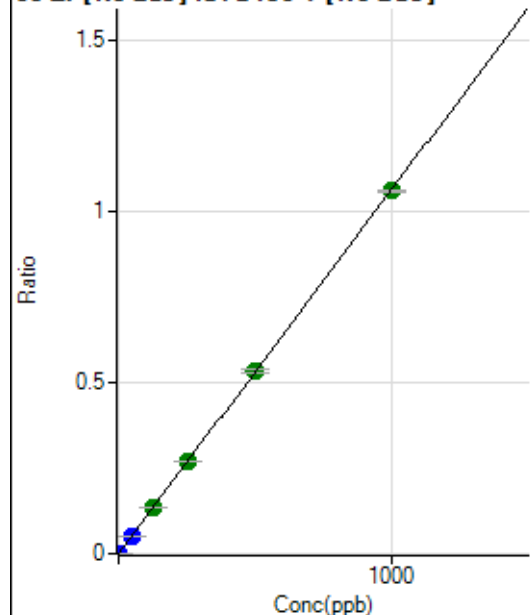
$$DL = 0.004313$$

$$BEC = 0.0157$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	637.80	0.0000	P	3.2
2	☐	1.000	0.924	20569.72	0.0010	P	2.0
3	☐	50.000	49.834	1076153.20	0.0531	P	0.4
4	☐	125.000	127.207	2795411.94	0.1354	A	1.0
5	☐	250.000	255.234	5612855.06	0.2716	A	0.6
6	☐	500.000	503.079	11133656.50	0.5353	A	1.9
7	☐	1000.000	996.884	22130821.61	1.0607	A	0.5
8	☐			11207.93	0.0006	P	1.7

$$y = 0.0011 * x + 3.1485E-005$$

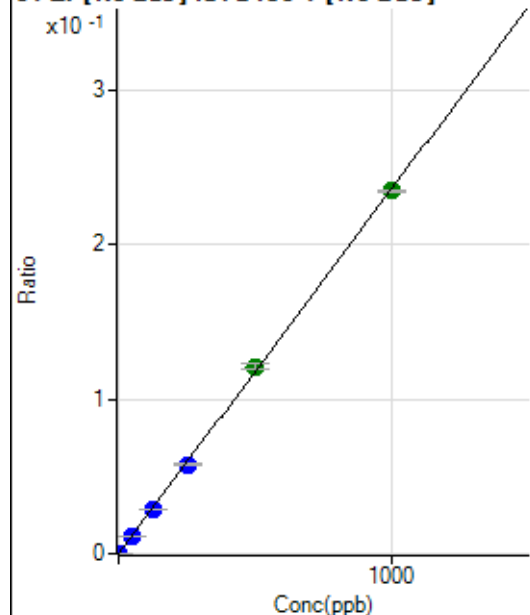
$$R = 1.0000$$

$$DL = 0.002847$$

$$BEC = 0.02959$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.89	0.0000	P	20.7
2	☐	1.000	0.928	4579.69	0.0002	P	0.5
3	☐	50.000	49.847	238957.09	0.0118	P	0.2
4	☐	125.000	122.274	596511.34	0.0289	P	1.3
5	☐	250.000	244.465	1193435.13	0.0578	P	0.9
6	☐	500.000	513.278	2521589.32	0.1213	A	2.5
7	☐	1000.000	995.093	4904118.12	0.2351	A	0.7
8	☐			2573.60	0.0001	P	1.5

$$y = 2.3621\text{E-}004 * x + 6.7396\text{E-}006$$

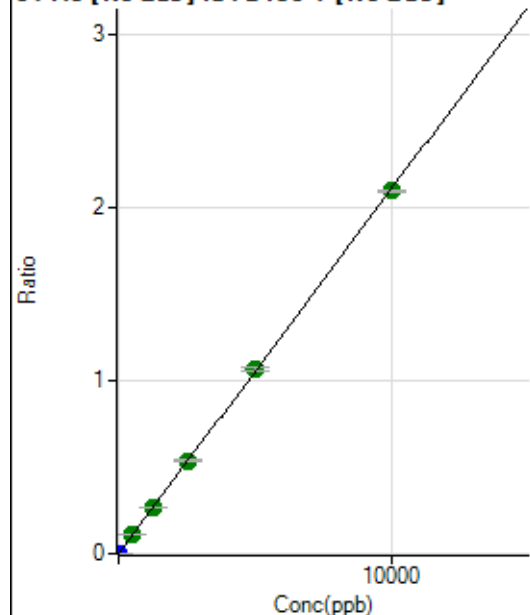
$$R = 0.9999$$

$$DL = 0.01771$$

$$BEC = 0.02853$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	284.45	0.0000	P	12.5
2	☐	5.000	5.597	24195.58	0.0012	P	1.4
3	☐	500.000	529.585	2264106.63	0.1116	A	0.4
4	☐	1250.000	1277.076	5557719.85	0.2692	A	1.0
5	☐	2500.000	2554.528	11125436.09	0.5384	A	0.8
6	☐	5000.000	5074.314	22241635.78	1.0694	A	2.0
7	☐	10000.000	9944.347	43725733.24	2.0958	A	0.4
8	☐			10442.89	0.0006	P	4.6

$$y = 2.1075\text{E-}004 * x + 1.3923\text{E-}005$$

$$R = 0.9999$$

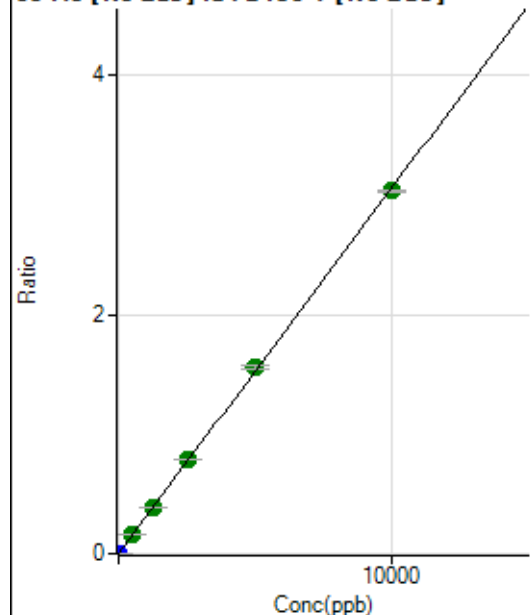
$$DL = 0.02475$$

$$BEC = 0.06606$$

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	144.45	0.0000	P	17.7
2	☐	5.000	4.609	28674.00	0.0014	P	0.9
3	☐	500.000	521.621	3230064.95	0.1593	A	0.7
4	☐	1250.000	1276.403	8046447.93	0.3897	A	1.1
5	☐	2500.000	2568.811	16206336.29	0.7842	A	0.3
6	☐	5000.000	5094.326	32345357.57	1.5553	A	2.2
7	☐	10000.000	9931.253	63257146.28	3.0320	A	0.4
8	☐			10226.08	0.0006	P	5.6

$$y = 3.0529\text{E-}004 * x + 7.1978\text{E-}006$$

$$R = 0.9999$$

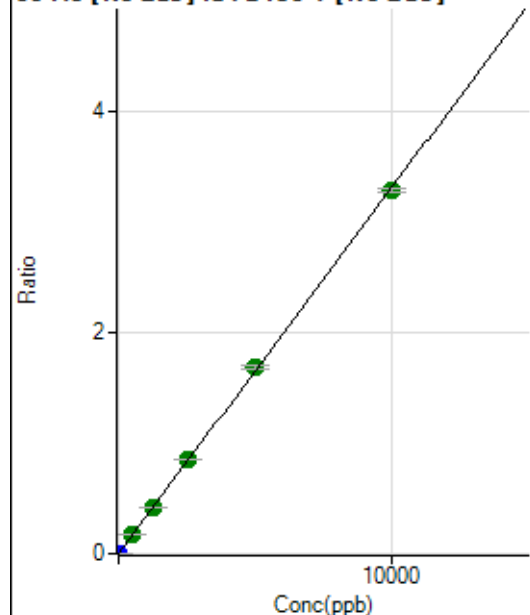
$$DL = 0.01254$$

$$BEC = 0.02358$$

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	210.00	0.0000	P	16.7
2	☐	5.000	4.784	32304.18	0.0016	P	1.6
3	☐	500.000	524.471	3519854.84	0.1735	A	1.2
4	☐	1250.000	1275.123	8711667.99	0.4219	A	1.2
5	☐	2500.000	2573.922	17599773.21	0.8517	A	1.0
6	☐	5000.000	5116.140	35207463.64	1.6928	A	1.8
7	☐	10000.000	9919.086	68474581.76	3.2820	A	1.0
8	☐			14329.74	0.0008	P	3.4

$$y = 3.3087\text{E-}004 * x + 1.0484\text{E-}005$$

$$R = 0.9999$$

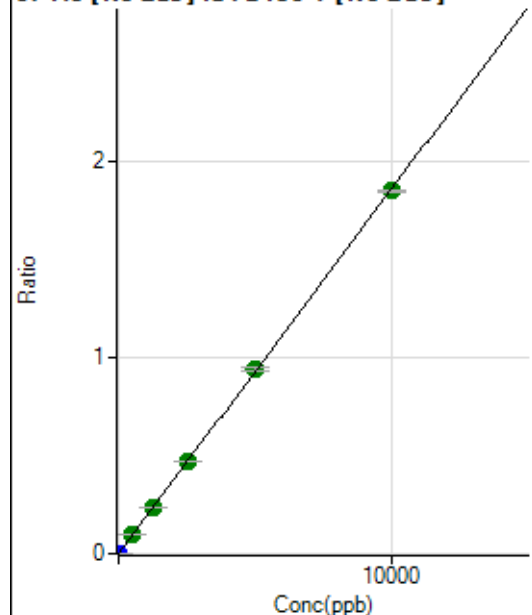
$$DL = 0.0159$$

$$BEC = 0.03169$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0000	P	15.1
2	☐	5.000	4.729	17942.80	0.0009	P	1.0
3	☐	500.000	527.655	1992913.23	0.0983	A	0.4
4	☐	1250.000	1281.220	4926383.64	0.2386	A	0.5
5	☐	2500.000	2548.903	9808393.95	0.4746	A	0.5
6	☐	5000.000	5060.892	19600964.15	0.9424	A	1.3
7	☐	10000.000	9952.043	38664071.92	1.8532	A	0.7
8	☐			5512.26	0.0003	P	5.4

$$y = 1.8621E-004 * x + 4.3796E-006$$

$$R = 1.0000$$

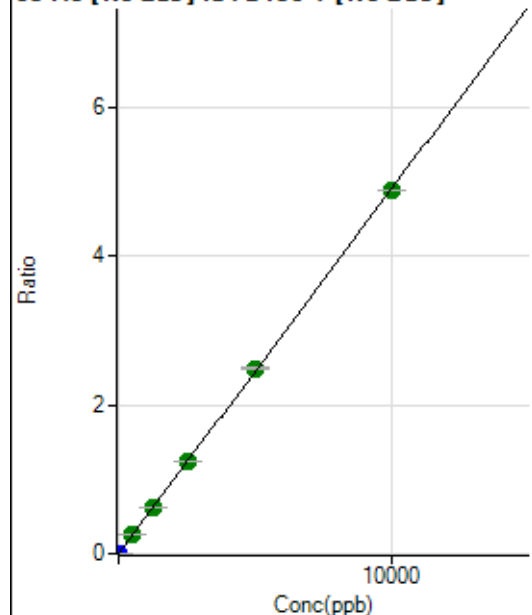
$$DL = 0.01067$$

$$BEC = 0.02352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	195.56	0.0000	P	9.2
2	☐	5.000	4.571	45561.19	0.0022	P	1.0
3	☐	500.000	518.561	5148819.23	0.2539	A	1.2
4	☐	1250.000	1275.898	12897127.17	0.6246	A	1.4
5	☐	2500.000	2552.250	25819787.95	1.2495	A	0.2
6	☐	5000.000	5069.579	51620204.79	2.4818	A	1.2
7	☐	10000.000	9947.983	101605162.9	4.8700	A	0.2
8	☐			13548.96	0.0008	P	4.3

$$y = 4.8955E-004 * x + 9.6909E-006$$

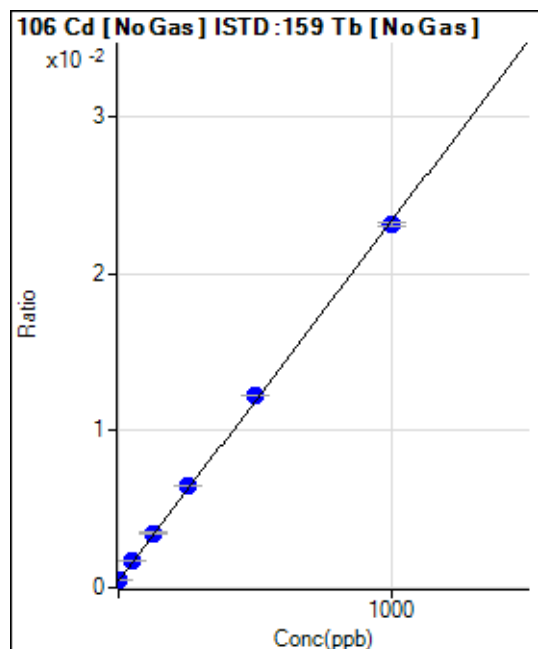
$$R = 0.9999$$

$$DL = 0.005461$$

$$BEC = 0.0198$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6890.71	0.0005	P	2.4
2	☐	1.000	0.703	7131.91	0.0005	P	2.1
3	☐	50.000	55.107	24998.28	0.0017	P	1.5
4	☐	125.000	131.582	51008.29	0.0035	P	1.4
5	☐	250.000	261.908	95187.48	0.0065	P	1.2
6	☐	500.000	514.403	181628.83	0.0123	P	0.5
7	☐	1000.000	988.744	341166.59	0.0231	P	0.9
8	☐			5745.69	0.0005	P	3.4

$$y = 2.2920\text{E-}005 * x + 4.7941\text{E-}004$$

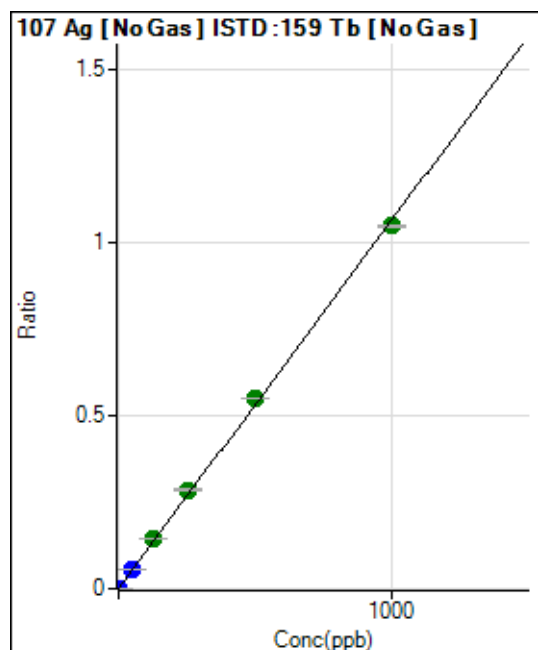
$$R = 0.9998$$

$$DL = 1.514$$

$$BEC = 20.92$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0000	P	28.8
2	☐	1.000	0.942	14544.46	0.0010	P	0.8
3	☐	50.000	53.211	812874.94	0.0567	P	0.5
4	☐	125.000	135.473	2104857.10	0.1442	A	0.5
5	☐	250.000	268.654	4199696.54	0.2860	A	0.3
6	☐	500.000	517.026	8147407.10	0.5504	A	0.9
7	☐	1000.000	985.354	15464659.63	1.0490	A	0.8
8	☐			1921.27	0.0002	P	4.5

$$y = 0.0011 * x + 7.8324\text{E-}006$$

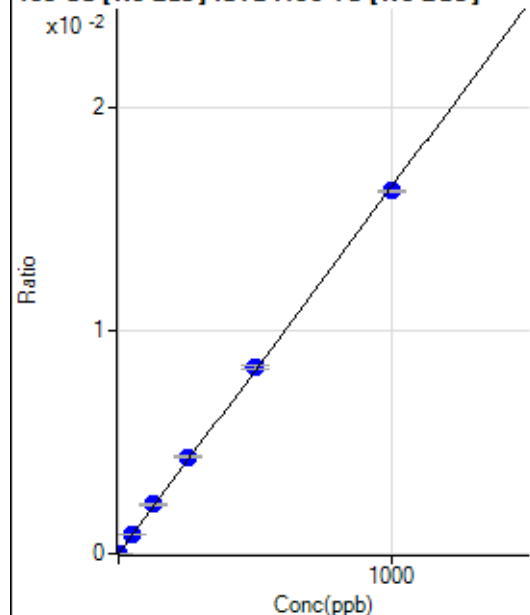
$$R = 0.9996$$

$$DL = 0.006348$$

$$BEC = 0.007357$$

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	31.11	0.0000	P	15.2
2	☐	1.000	0.981	263.34	0.0000	P	8.3
3	☐	50.000	54.457	12869.41	0.0009	P	1.5
4	☐	125.000	134.354	32247.73	0.0022	P	2.2
5	☐	250.000	263.639	63640.44	0.0043	P	0.9
6	☐	500.000	511.029	124312.00	0.0084	P	2.0
7	☐	1000.000	989.684	239777.31	0.0163	P	0.6
8	☐			163.34	0.0000	P	9.3

$$y = 1.6432\text{E-}005 * x + 2.1752\text{E-}006$$

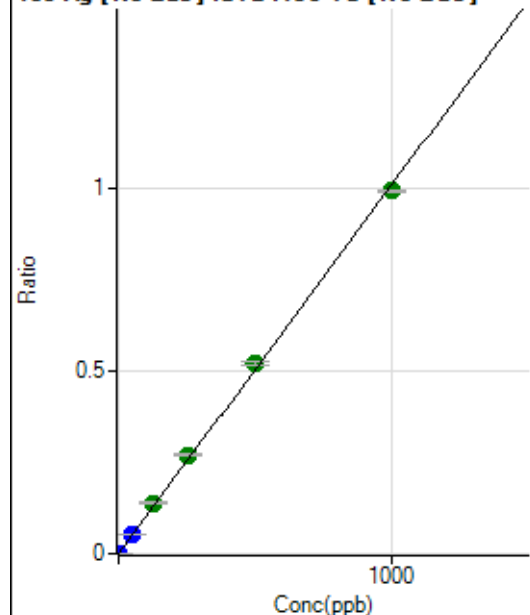
$$R = 0.9998$$

$$DL = 0.06025$$

$$BEC = 0.1324$$

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	55.56	0.0000	P	8.6
2	☐	1.000	0.948	13819.26	0.0010	P	0.9
3	☐	50.000	53.280	771160.84	0.0537	P	1.2
4	☐	125.000	137.706	2027195.51	0.1389	A	1.3
5	☐	250.000	268.716	3980246.96	0.2711	A	0.4
6	☐	500.000	518.237	7737247.11	0.5228	A	1.9
7	☐	1000.000	984.450	14639920.75	0.9930	A	0.8
8	☐			1809.03	0.0001	P	8.9

$$y = 0.0010 * x + 3.8870\text{E-}006$$

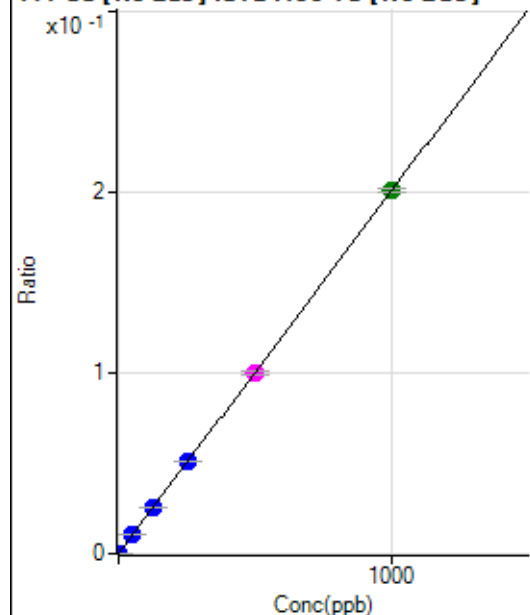
$$R = 0.9995$$

$$DL = 0.000993$$

$$BEC = 0.003853$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1375.25	0.0001	P	2.0
2	☐	1.000	1.014	4302.42	0.0003	P	2.0
3	☐	50.000	53.314	154699.18	0.0108	P	0.9
4	☐	125.000	127.852	375402.22	0.0257	P	1.1
5	☐	250.000	253.694	748153.97	0.0509	P	0.5
6	☐	500.000	497.157	1476485.66	0.0998	M	2.0
7	☐	1000.000	999.976	2956624.40	0.2005	A	1.0
8	☐			1851.50	0.0001	P	1.3

$$y = 2.0045\text{E-}004 * x + 9.5725\text{E-}005$$

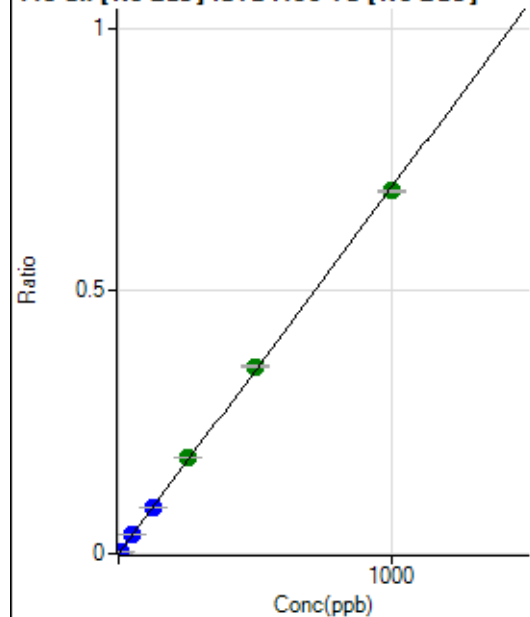
$$R = 1.0000$$

$$DL = 0.02804$$

$$BEC = 0.4775$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1295.63	0.0001	P	12.4
2	☐	5.000	4.760	49060.90	0.0034	P	1.7
3	☐	50.000	52.010	521455.91	0.0363	P	0.2
4	☐	125.000	126.570	1288827.00	0.0883	P	1.3
5	☐	250.000	264.216	2705714.07	0.1843	A	0.5
6	☐	500.000	510.652	5270226.17	0.3560	A	0.8
7	☐	1000.000	990.825	10183398.04	0.6908	A	0.4
8	☐			2967.02	0.0002	P	5.1

$$y = 6.9705\text{E-}004 * x + 9.1118\text{E-}005$$

$$R = 0.9998$$

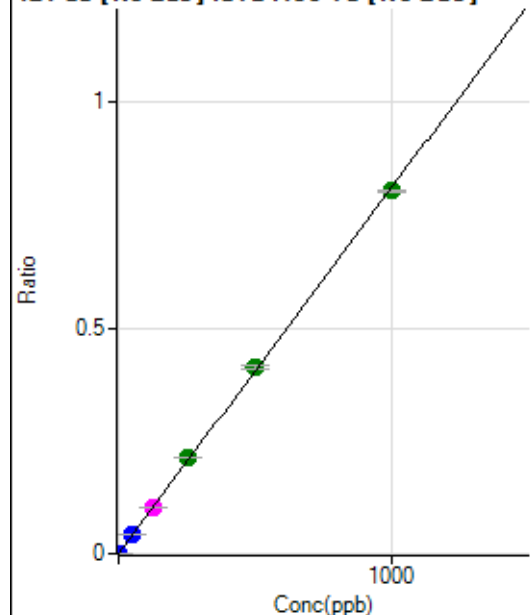
$$DL = 0.04873$$

$$BEC = 0.1307$$

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	70.00	0.0000	P	10.8
2	☐	2.000	1.862	21810.85	0.0015	P	0.8
3	☐	50.000	51.318	597468.98	0.0416	P	0.4
4	☐	125.000	126.729	1500692.96	0.1028	M	2.8
5	☐	250.000	261.822	3119413.18	0.2124	A	0.5
6	☐	500.000	510.412	6129734.63	0.4141	A	1.5
7	☐	1000.000	991.557	11860668.44	0.8045	A	0.3
8	☐			3504.93	0.0003	P	7.1

$$y = 8.1136\text{E-}004 * x + 4.8932\text{E-}006$$

$$R = 0.9998$$

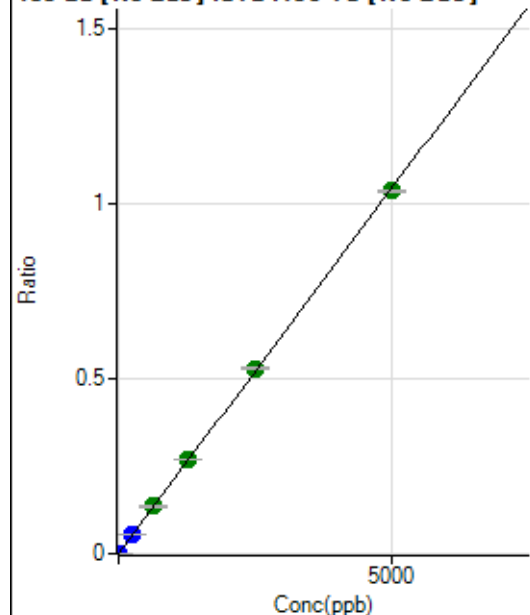
$$DL = 0.001949$$

$$BEC = 0.006031$$

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	374.45	0.0000	P	3.9
2	☐	10.000	9.463	28773.92	0.0020	P	2.7
3	☐	250.000	252.323	755372.89	0.0526	P	0.4
4	☐	625.000	646.790	1968758.60	0.1349	A	1.9
5	☐	1250.000	1287.502	3942970.57	0.2685	A	1.4
6	☐	2500.000	2537.134	7832010.99	0.5292	A	1.5
7	☐	5000.000	4969.219	15278737.69	1.0364	A	0.2
8	☐			6613.91	0.0005	P	5.2

$$y = 2.0855\text{E-}004 * x + 2.6121\text{E-}005$$

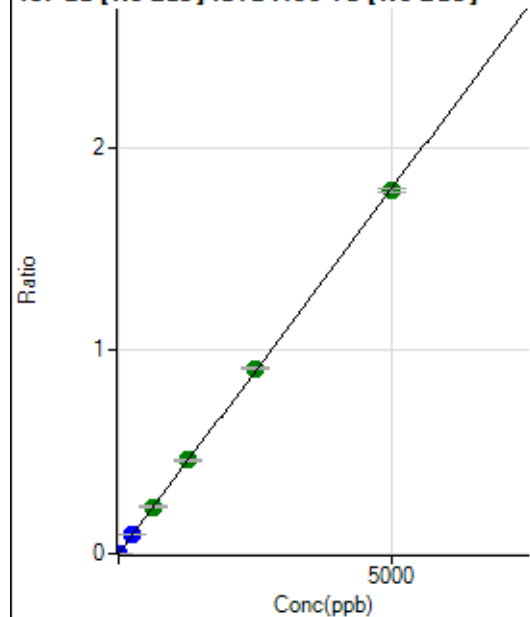
$$R = 0.9999$$

$$DL = 0.01477$$

$$BEC = 0.1253$$

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	611.13	0.0000	P	26.8
2	☐	10.000	9.410	49240.15	0.0034	P	1.1
3	☐	250.000	254.708	1312514.28	0.0915	P	0.2
4	☐	625.000	644.316	3375693.35	0.2313	A	2.4
5	☐	1250.000	1283.953	6768338.02	0.4610	A	1.2
6	☐	2500.000	2532.183	13455447.58	0.9090	A	1.0
7	☐	5000.000	4972.771	26316994.89	1.7852	A	1.0
8	☐			11370.48	0.0009	P	6.7

$$y = 3.5898E-004 * x + 4.3548E-005$$

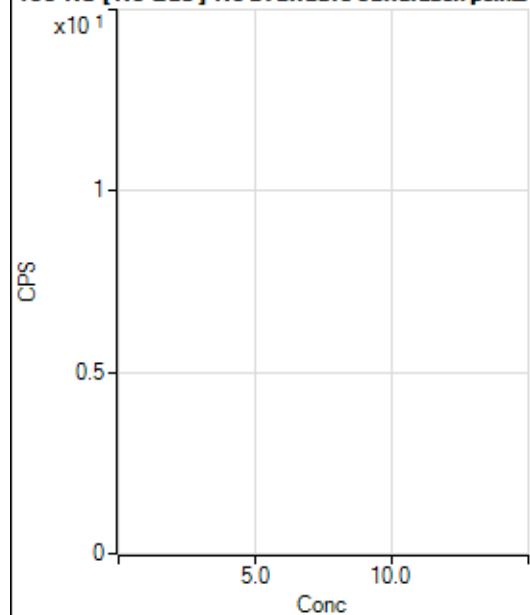
$$R = 0.9999$$

$$DL = 0.09758$$

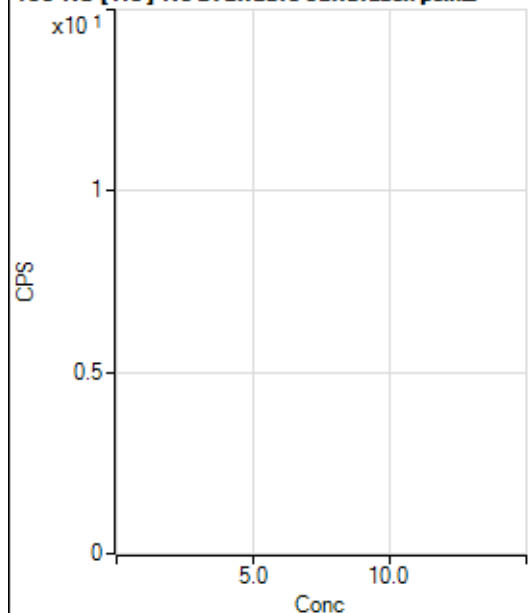
$$BEC = 0.1213$$

Weight: <None>

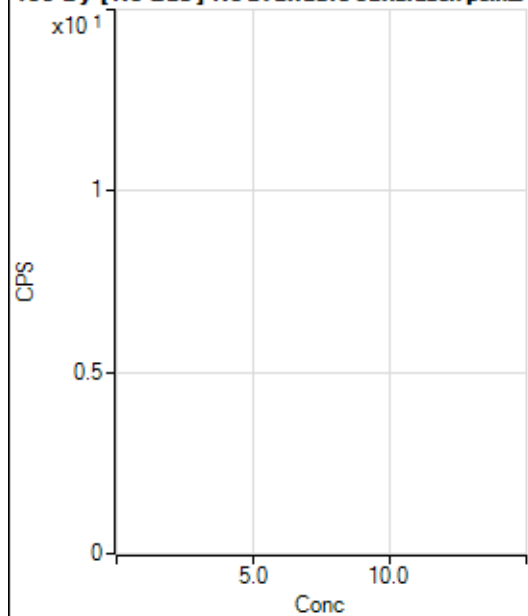
Min Conc: 0

150 Nd [No Gas] No available calibration points

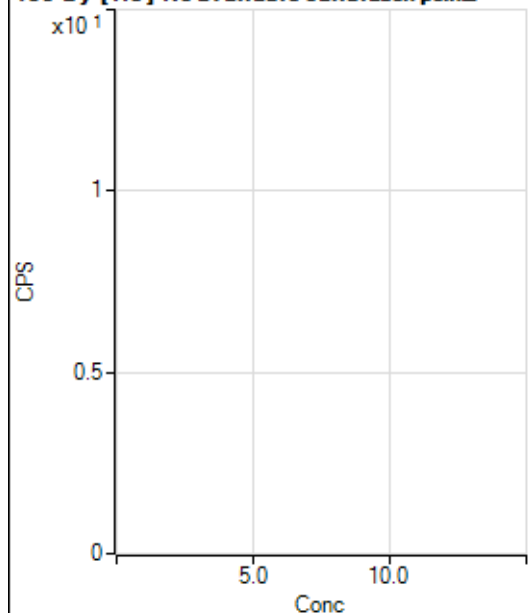
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	53.9
2	☐			26.67		P	12.5
3	☐			90.00		P	14.8
4	☐			206.67		P	12.9
5	☐			428.90		P	11.8
6	☐			760.03		P	4.9
7	☐			1473.43		P	2.4
8	☐			323.34		P	1.0

150 Nd [He] No available calibration points

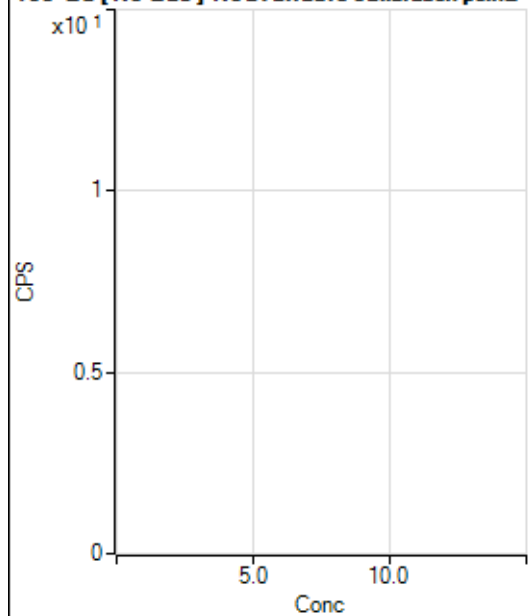
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			5.56		P	34.7
3	☐			1.11		P	173.2
4	☐			15.56		P	49.5
5	☐			11.11		P	45.8
6	☐			32.22		P	36.3
7	☐			52.22		P	9.7
8	☐			56.67		P	15.6

156 Dy [No Gas] No available calibration points

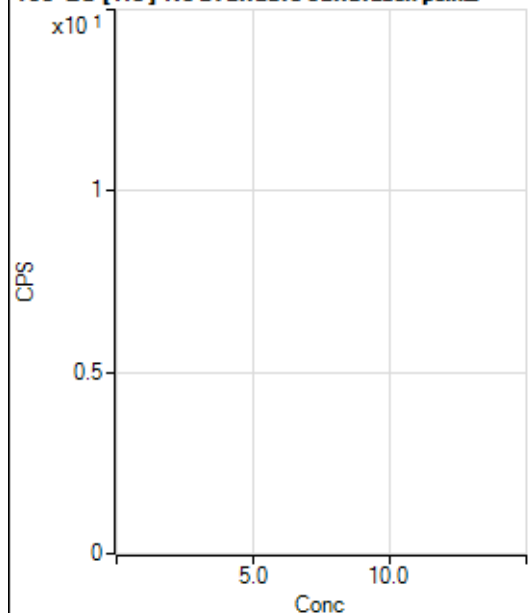
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			111.11		P	30.1
2	☐			117.78		P	11.4
3	☐			107.78		P	6.4
4	☐			145.56		P	18.4
5	☐			184.45		P	8.1
6	☐			268.90		P	7.2
7	☐			440.01		P	11.3
8	☐			528.90		P	13.0

156 Dy [He] No available calibration points

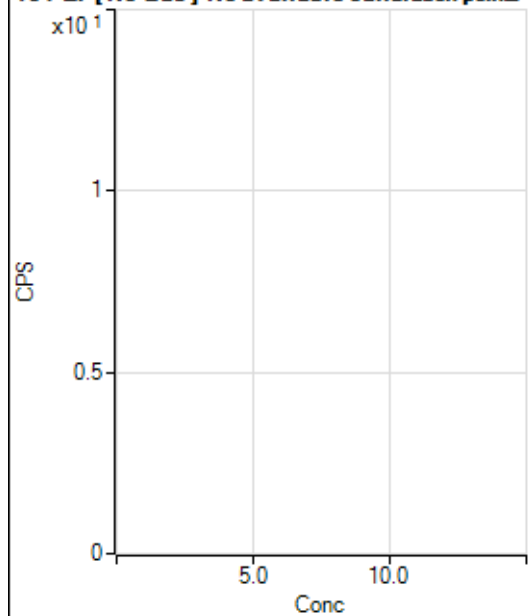
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			2.22		P	173.2
3	☐			10.00		P	33.3
4	☐			16.67		P	40.0
5	☐			11.11		P	45.8
6	☐			13.33		P	25.0
7	☐			37.78		P	10.2
8	☐			108.89		P	24.7

160 Gd [No Gas] Noavailable calibration poin_

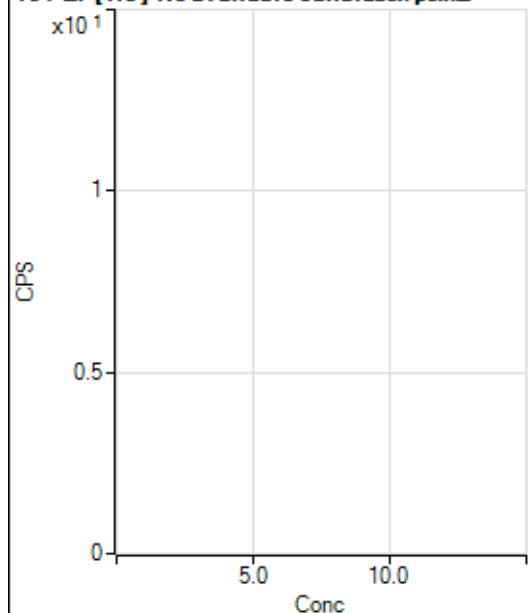
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	43.7
2	☐			52.22		P	20.5
3	☐			52.22		P	16.1
4	☐			60.00		P	27.8
5	☐			58.89		P	39.8
6	☐			122.23		P	8.3
7	☐			182.22		P	10.7
8	☐			434.46		P	4.7

160 Gd [He] No available calibration points

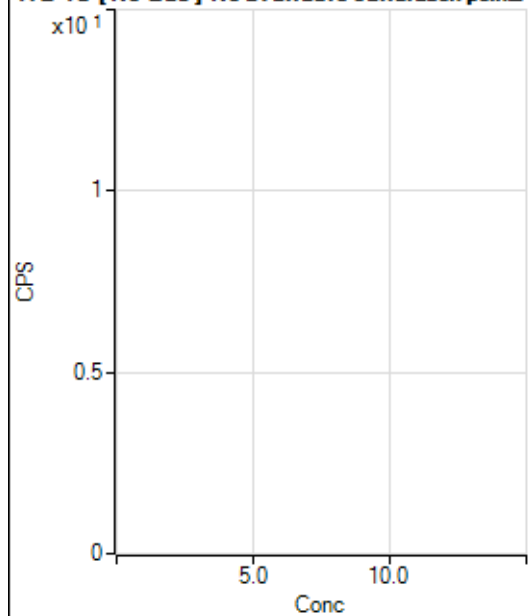
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			5.55		P	124.9
3	☐			12.22		P	56.8
4	☐			15.55		P	24.8
5	☐			14.44		P	35.3
6	☐			20.00		P	28.9
7	☐			45.55		P	15.2
8	☐			152.23		P	14.1

164 Er [No Gas] No available calibration points

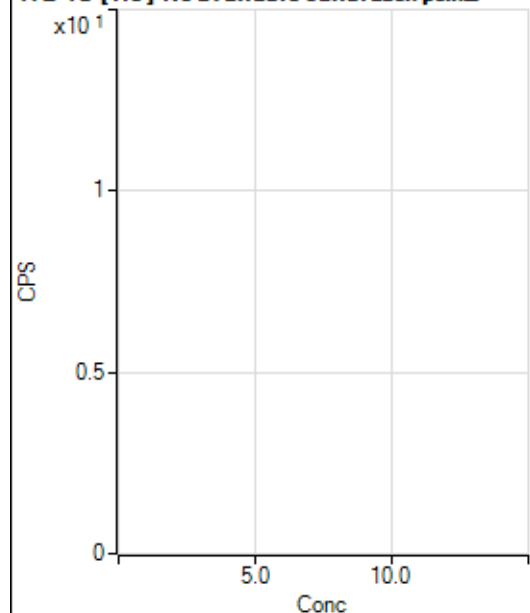
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	15.8
2	☐			57.78		P	26.0
3	☐			86.67		P	21.4
4	☐			105.56		P	7.9
5	☐			117.78		P	14.0
6	☐			164.45		P	18.8
7	☐			218.89		P	6.9
8	☐			541.13		P	5.7

164 Er [He] No available calibration points

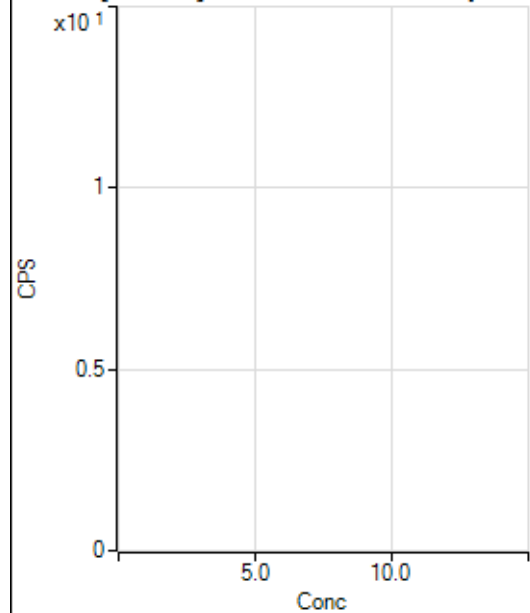
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	40.0
2	☐			30.00		P	11.1
3	☐			30.00		P	11.1
4	☐			43.33		P	20.3
5	☐			37.78		P	10.2
6	☐			58.89		P	17.3
7	☐			75.55		P	20.8
8	☐			166.67		P	4.0

172 Yb [No Gas] No available calibration points

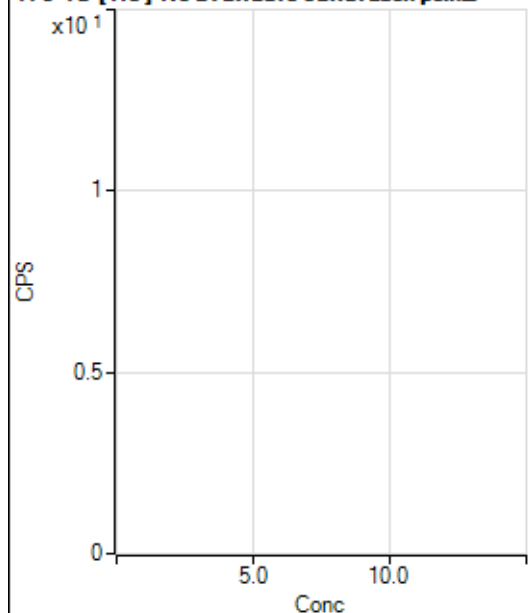
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			82.22		P	18.7
2	☐			93.33		P	27.0
3	☐			88.89		P	31.9
4	☐			84.44		P	2.3
5	☐			121.11		P	17.9
6	☐			148.89		P	3.4
7	☐			253.34		P	3.9
8	☐			576.69		P	5.7

172 Yb [He] No available calibration points

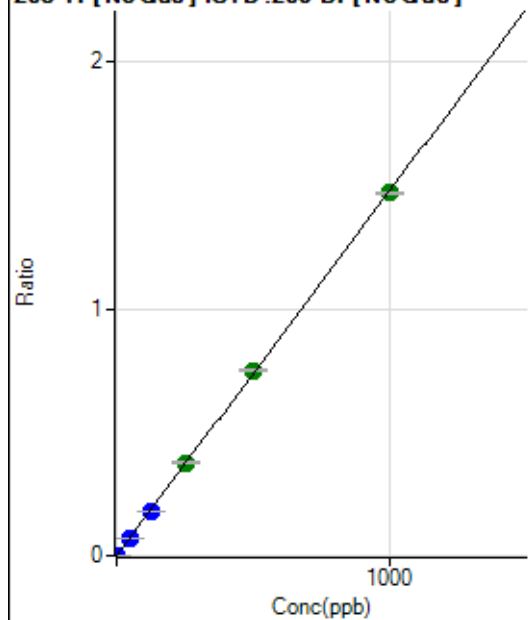
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	49.4
2	☐			15.56		P	65.5
3	☐			34.44		P	47.7
4	☐			36.67		P	50.6
5	☐			41.11		P	33.8
6	☐			53.33		P	25.0
7	☐			93.33		P	12.9
8	☐			194.45		P	19.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2031.30		P	10.7
2	☐			1995.73		P	6.0
3	☐			4594.18		P	2.0
4	☐			9057.64		P	2.5
5	☐			16085.45		P	1.7
6	☐			29494.03		P	1.2
7	☐			56673.03		P	1.7
8	☐			2079.07		P	2.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			308.89		P	9.4
2	☐			286.67		P	4.2
3	☐			1238.96		P	7.8
4	☐			2551.38		P	4.7
5	☐			4988.78		P	3.3
6	☐			9345.60		P	2.0
7	☐			18282.75		P	1.9
8	☐			370.01		P	13.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	206.67	0.0000	P	27.9
2	☐	1.000	0.881	11629.74	0.0013	P	2.5
3	☐	50.000	49.520	634791.69	0.0731	P	0.7
4	☐	125.000	120.651	1564657.18	0.1781	P	1.5
5	☐	250.000	254.672	3277298.60	0.3759	A	1.7
6	☐	500.000	508.404	6446345.46	0.7505	A	0.9
7	☐	1000.000	995.198	12320477.18	1.4690	A	0.6
8	☐			1142.29	0.0002	P	7.3

$$y = 0.0015 * x + 2.3927E-005$$

$$R = 0.9999$$

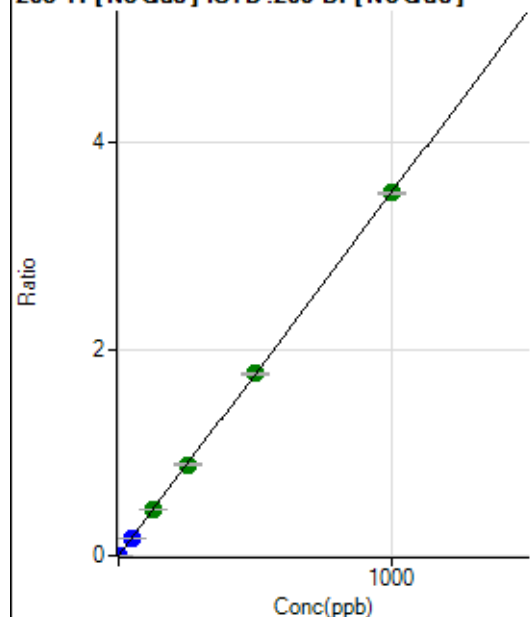
$$DL = 0.01355$$

$$BEC = 0.01621$$

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	478.90	0.0001	P	11.1
2	☐	1.000	0.890	27960.16	0.0032	P	2.2
3	☐	50.000	49.260	1504612.18	0.1733	P	0.6
4	☐	125.000	126.227	3900217.86	0.4440	A	1.9
5	☐	250.000	250.723	7688388.01	0.8819	A	0.6
6	☐	500.000	501.683	15157174.08	1.7645	A	1.0
7	☐	1000.000	998.861	29465912.62	3.5132	A	0.4
8	☐			2562.51	0.0004	P	11.4

$$y = 0.0035 * x + 5.4910E-005$$

$$R = 1.0000$$

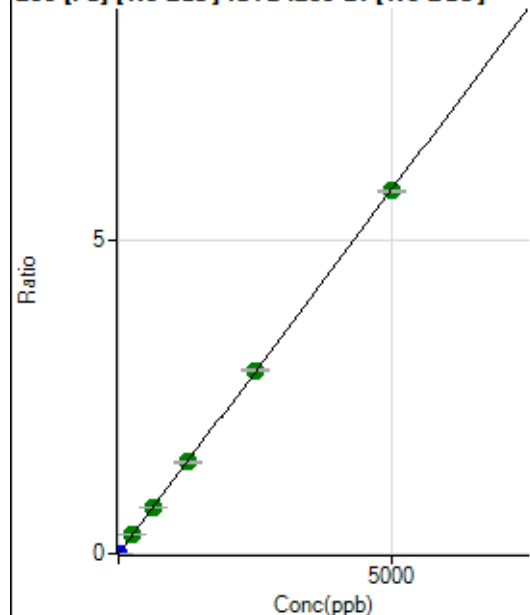
$$DL = 0.005216$$

$$BEC = 0.01561$$

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	1127.84	0.0001	P	16.7
2	☐	1.000	0.892	10208.52	0.0012	P	1.8
3	☐	250.000	259.115	2605112.08	0.3001	A	0.5
4	☐	625.000	624.844	6355307.75	0.7234	A	0.5
5	☐	1250.000	1258.748	12703736.47	1.4572	A	1.2
6	☐	2500.000	2522.106	25078558.24	2.9196	A	1.3
7	☐	5000.000	4986.324	48411599.28	5.7721	A	0.4
8	☐			8701.89	0.0013	P	4.6

$$y = 0.0012 * x + 1.3025E-004$$

$$R = 1.0000$$

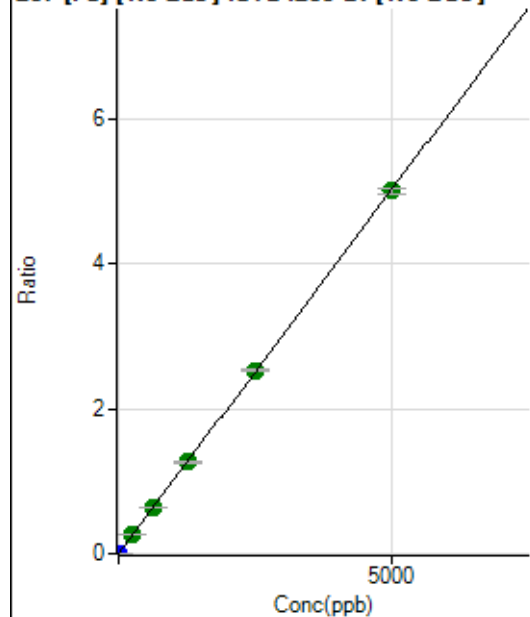
$$DL = 0.05627$$

$$BEC = 0.1125$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	984.49	0.0001	P	16.0
2	☐	1.000	0.920	9112.17	0.0010	P	2.1
3	☐	250.000	259.437	2263348.54	0.2607	A	0.7
4	☐	625.000	635.055	5604720.89	0.6380	A	0.9
5	☐	1250.000	1255.411	10994351.92	1.2611	A	1.4
6	☐	2500.000	2521.416	21755070.51	2.5328	A	1.9
7	☐	5000.000	4986.211	42006062.43	5.0086	A	1.4
8	☐			7511.16	0.0011	P	7.1

$$y = 0.0010 * x + 1.1353E-004$$

$$R = 1.0000$$

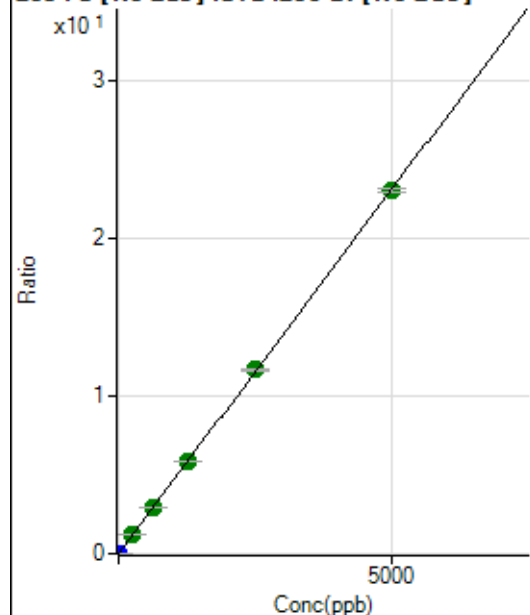
$$DL = 0.05426$$

$$BEC = 0.113$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4490.35	0.0005	P	15.6
2	☐	1.000	0.900	40987.78	0.0047	P	1.2
3	☐	250.000	258.680	10364976.23	1.1939	A	0.4
4	☐	625.000	632.112	25622681.77	2.9167	A	0.6
5	☐	1250.000	1263.574	50823230.49	5.8298	A	1.3
6	☐	2500.000	2523.579	100002692.9	11.6426	A	1.6
7	☐	5000.000	4983.494	192822647.9	22.9910	A	0.9
8	☐			34595.11	0.0051	P	4.1

$$y = 0.0046 * x + 5.1799E-004$$

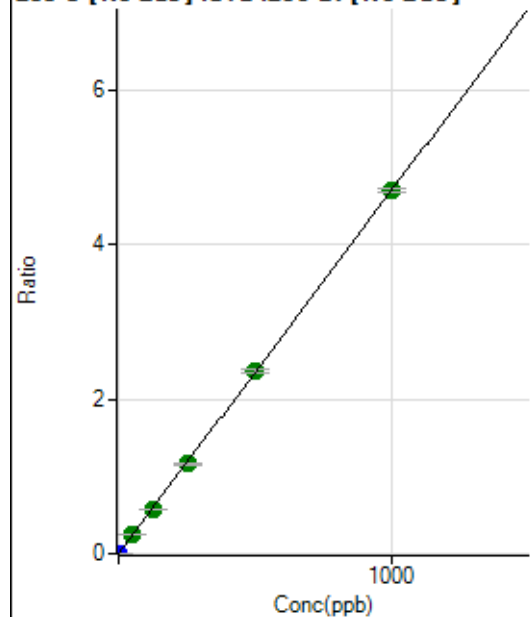
$$R = 1.0000$$

$$DL = 0.05245$$

$$BEC = 0.1123$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	41.9
2	☐	1.000	0.877	36205.91	0.0041	P	0.3
3	☐	50.000	50.500	2059061.06	0.2372	A	0.6
4	☐	125.000	123.052	5076496.49	0.5779	A	1.9
5	☐	250.000	247.141	10118903.46	1.1607	A	1.6
6	☐	500.000	503.739	20320707.20	2.3658	A	1.6
7	☐	1000.000	999.064	39352153.86	4.6921	A	1.0
8	☐			2758.11	0.0004	P	10.8

$$y = 0.0047 * x + 4.9186E-006$$

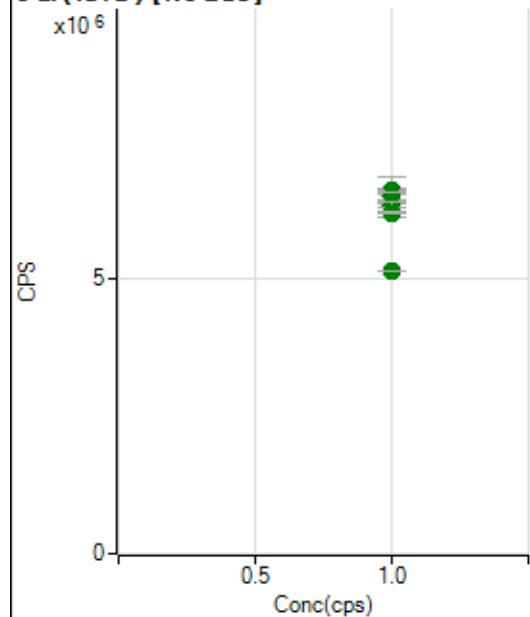
$$R = 1.0000$$

$$DL = 0.001318$$

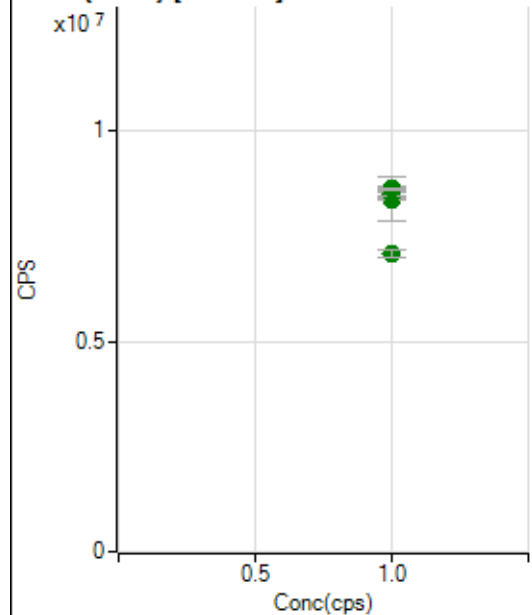
$$BEC = 0.001047$$

Weight: <None>

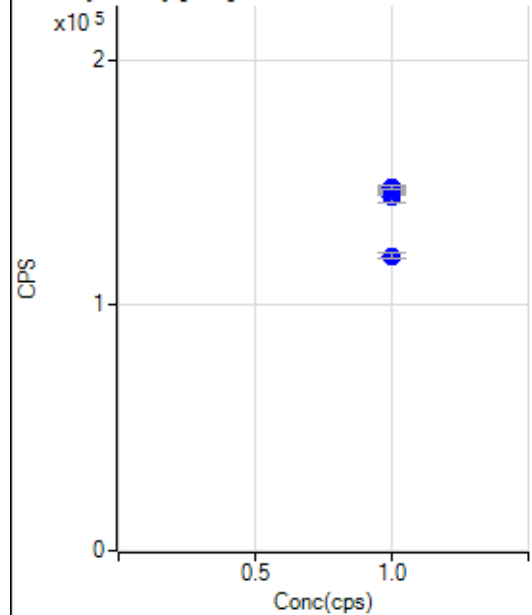
Min Conc: 0

6 Li (ISTD) [No Gas]

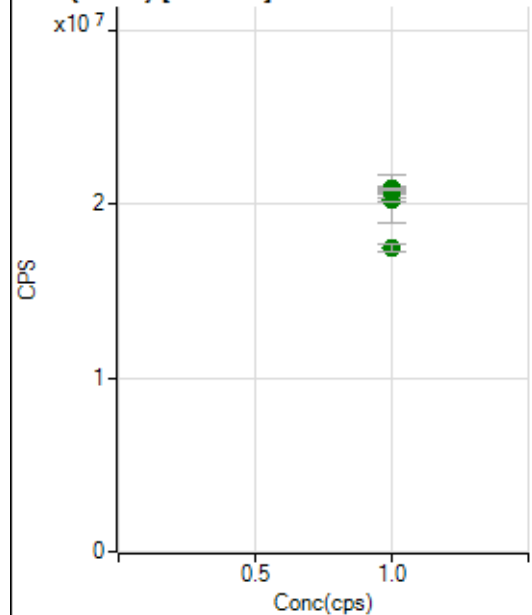
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6477544.33		A	11.3
2	☐	1.000		6586320.05		A	1.3
3	☐	1.000		6567911.89		A	1.0
4	☐	1.000		6489323.63		A	1.8
5	☐	1.000		6399293.43		A	0.9
6	☐	1.000		6331340.31		A	1.3
7	☐	1.000		6195639.31		A	0.5
8	☐	1.000		5126474.56		A	0.1

45 Sc (ISTD) [No Gas]

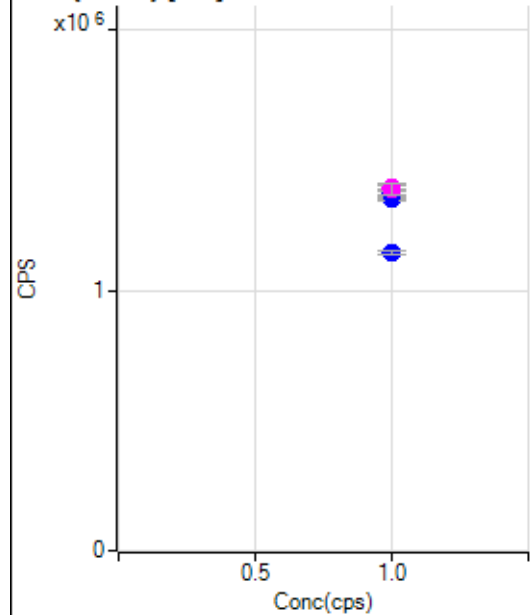
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8374235.99		A	12.7
2	☐	1.000		8435609.74		A	1.0
3	☐	1.000		8376724.80		A	0.8
4	☐	1.000		8608709.17		A	1.3
5	☐	1.000		8501483.97		A	0.8
6	☐	1.000		8622926.33		A	1.7
7	☐	1.000		8621134.60		A	0.8
8	☐	1.000		7093545.24		A	2.4

45 Sc (ISTD) [He]

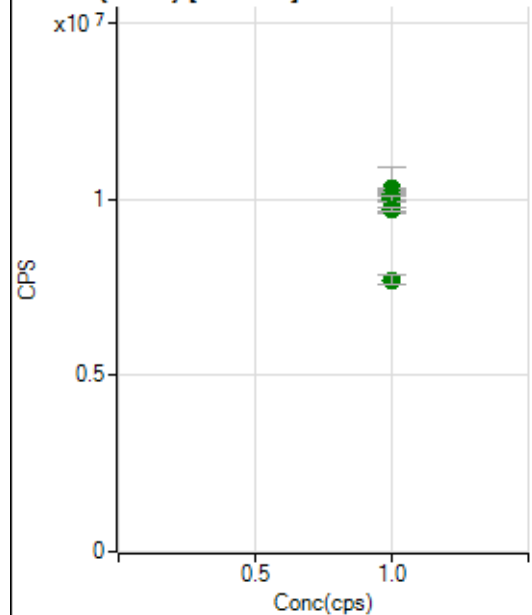
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		147464.13		P	1.0
2	☐	1.000		145200.00		P	0.6
3	☐	1.000		145645.80		P	0.5
4	☐	1.000		144061.48		P	3.7
5	☐	1.000		146828.74		P	0.7
6	☐	1.000		147501.14		P	1.2
7	☐	1.000		147742.41		P	1.1
8	☐	1.000		120025.00		P	2.1

89 Y (ISTD) [No Gas]

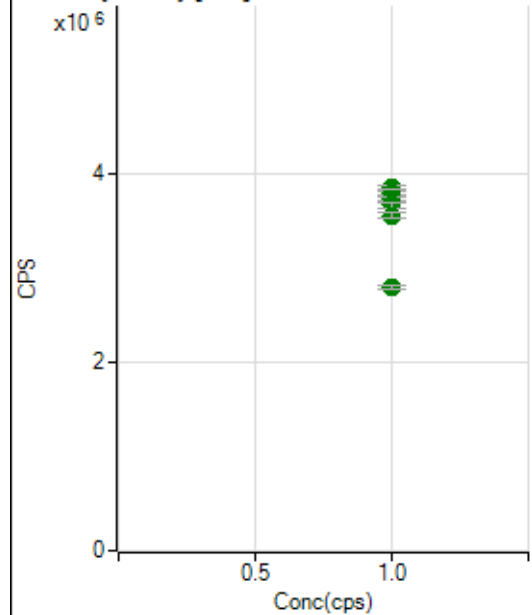
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20301412.75		A	13.3
2	☐	1.000		20275382.34		A	1.1
3	☐	1.000		20282783.72		A	1.1
4	☐	1.000		20649031.22		A	0.7
5	☐	1.000		20664929.83		A	0.4
6	☐	1.000		20801780.38		A	1.5
7	☐	1.000		20863368.58		A	0.3
8	☐	1.000		17519937.10		A	2.5

89 Y (ISTD) [He]

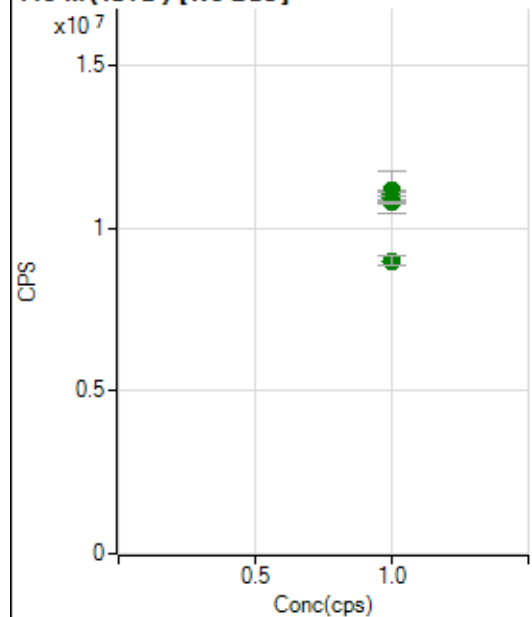
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1383589.53		P	0.7
2	☐	1.000		1349803.36		P	0.5
3	☐	1.000		1363321.72		P	0.9
4	☐	1.000		1381282.67		M	3.6
5	☐	1.000		1373190.25		P	1.1
6	☐	1.000		1393745.53		M	2.1
7	☐	1.000		1391861.11		M	3.2
8	☐	1.000		1145832.62		P	1.2

103 Rh (ISTD) [No Gas]

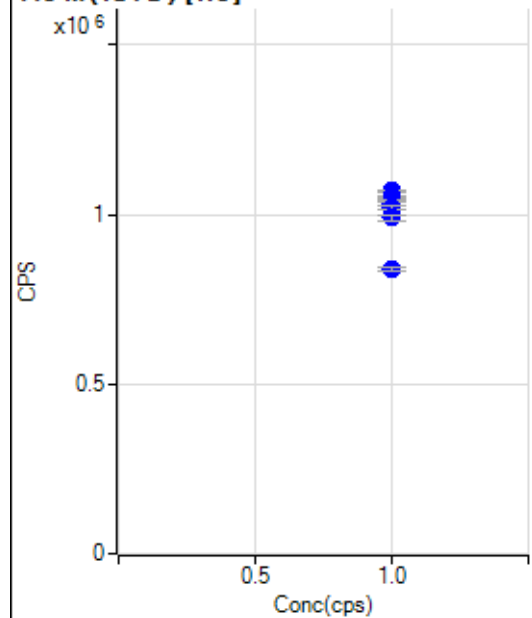
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10251060.33		A	12.9
2	☐	1.000		10284011.10		A	0.9
3	☐	1.000		10056594.43		A	1.2
4	☐	1.000		10126336.59		A	0.9
5	☐	1.000		10021453.95		A	1.0
6	☐	1.000		9987269.44		A	1.6
7	☐	1.000		9722174.99		A	1.0
8	☐	1.000		7705405.03		A	3.4

103 Rh (ISTD) [He]

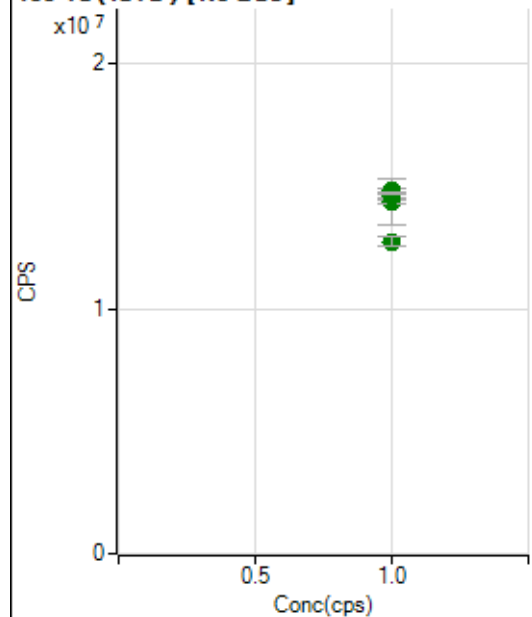
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3844152.72		A	1.5
2	☐	1.000		3761405.29		A	0.9
3	☐	1.000		3791877.69		A	1.6
4	☐	1.000		3683301.92		A	3.1
5	☐	1.000		3727945.71		A	0.9
6	☐	1.000		3663278.73		A	1.5
7	☐	1.000		3547019.25		A	1.8
8	☐	1.000		2796662.35		A	1.4

115 In (ISTD) [No Gas]

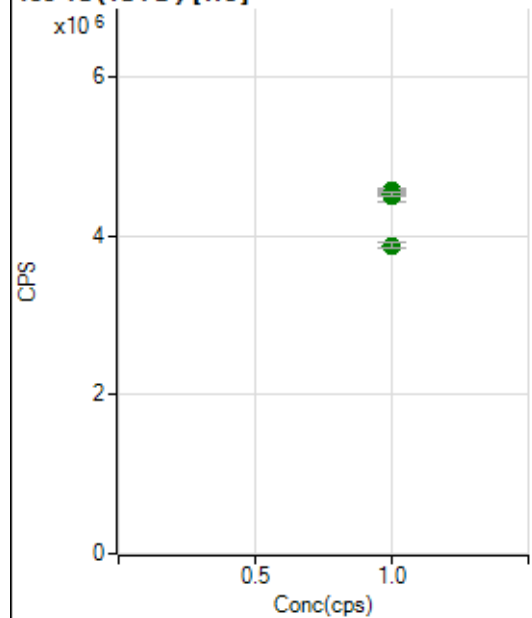
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11102281.89		A	11.9
2	☐	1.000		11138236.49		A	0.9
3	☐	1.000		11023032.83		A	0.9
4	☐	1.000		11113017.63		A	0.5
5	☐	1.000		11095219.44		A	0.5
6	☐	1.000		10937344.16		A	1.2
7	☐	1.000		10774777.50		A	0.6
8	☐	1.000		8990211.42		A	3.6

115 In (ISTD) [He]

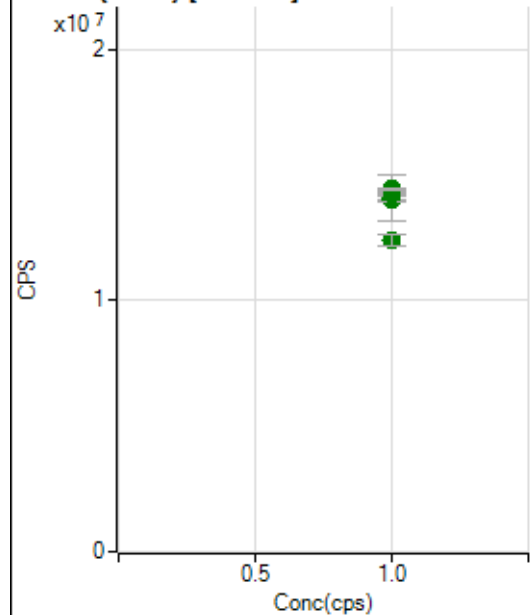
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1069508.92		P	0.4
2	☐	1.000		1042326.73		P	0.2
3	☐	1.000		1051776.19		P	0.7
4	☐	1.000		1029208.60		P	3.3
5	☐	1.000		1040696.80		P	0.6
6	☐	1.000		1022592.54		P	1.0
7	☐	1.000		990234.40		P	1.4
8	☐	1.000		839978.31		P	1.3

159 Tb (ISTD) [No Gas]

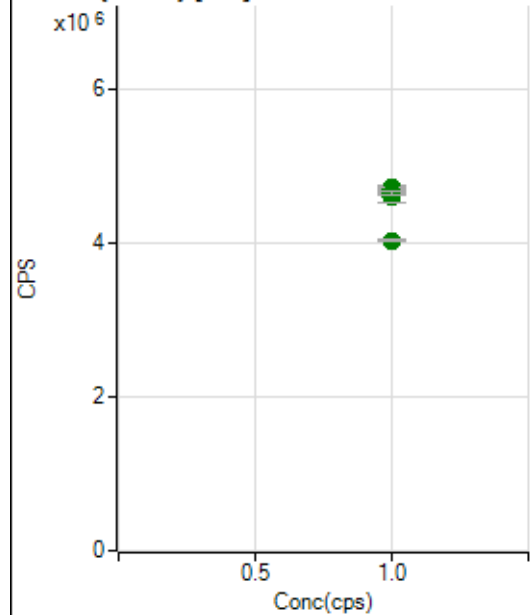
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14375280.48		A	13.3
2	☐	1.000		14391720.90		A	1.2
3	☐	1.000		14347749.51		A	1.0
4	☐	1.000		14594175.75		A	0.9
5	☐	1.000		14683852.84		A	0.6
6	☐	1.000		14803273.25		A	1.5
7	☐	1.000		14742674.64		A	0.5
8	☐	1.000		12715428.70		A	3.1

159 Tb (ISTD) [He]

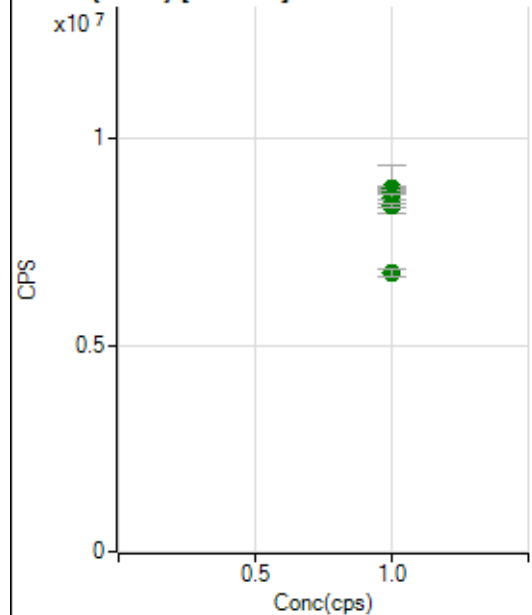
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4571228.51		A	1.4
2	☐	1.000		4510837.88		A	0.7
3	☐	1.000		4534275.14		A	1.5
4	☐	1.000		4497400.87		A	3.2
5	☐	1.000		4536951.56		A	1.6
6	☐	1.000		4509177.26		A	0.6
7	☐	1.000		4528995.24		A	1.3
8	☐	1.000		3881299.00		A	1.9

165 Ho (ISTD) [No Gas]

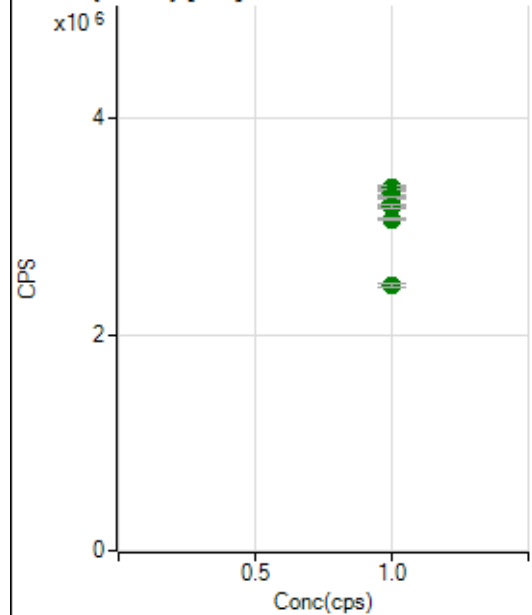
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14083860.90		A	12.6
2	☐	1.000		13990971.32		A	0.1
3	☐	1.000		14052124.51		A	1.5
4	☐	1.000		14276882.43		A	0.9
5	☐	1.000		14305625.20		A	0.9
6	☐	1.000		14423663.95		A	1.0
7	☐	1.000		14448899.23		A	0.7
8	☐	1.000		12413906.34		A	3.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4723781.42		A	1.6
2	☐	1.000		4658305.66		A	0.5
3	☐	1.000		4695298.19		A	1.5
4	☐	1.000		4616295.07		A	3.7
5	☐	1.000		4709989.24		A	0.2
6	☐	1.000		4703468.82		A	1.0
7	☐	1.000		4657659.24		A	1.2
8	☐	1.000		4034630.36		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8786559.80		A	13.1
2	☐	1.000		8778559.52		A	0.9
3	☐	1.000		8681611.67		A	0.5
4	☐	1.000		8785334.94		A	1.2
5	☐	1.000		8718401.26		A	0.8
6	☐	1.000		8590527.44		A	1.2
7	☐	1.000		8387302.44		A	0.9
8	☐	1.000		6766624.34		A	3.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3327025.96		A	2.2
2	☐	1.000		3355896.58		A	1.4
3	☐	1.000		3309949.36		A	1.8
4	☐	1.000		3220689.64		A	2.2
5	☐	1.000		3264692.04		A	0.9
6	☐	1.000		3182245.78		A	1.1
7	☐	1.000		3067295.58		A	1.0
8	☐	1.000		2457139.93		A	1.9