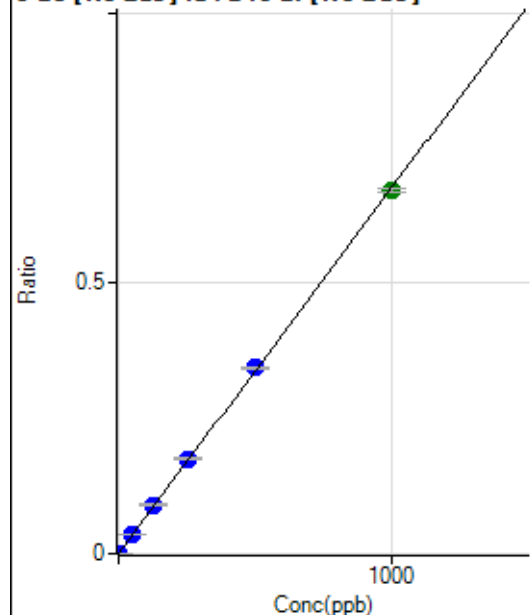


Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P80301224-MS1.b\
 Analysis File: P80301224-MS1.batch.bin
 DA Date-Time: 2024-03-12 07:37:47
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-03-12 05:21:03
2	006CALS.d	S02	2024-03-12 05:27:54
3	007CALS.d	S03	2024-03-12 05:31:19
4	008CALS.d	S04	2024-03-12 05:34:40
5	009CALS.d	S05	2024-03-12 05:37:48
6	010CALS.d	S06	2024-03-12 05:40:54
7	011CALS.d	S07	2024-03-12 05:43:56
8	012CALS.d	S08	2024-03-12 05:47:00

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.74	0.0000	P	19.2
2	☐	1.000	0.971	1482.39	0.0007	P	3.2
3	☐	50.000	53.608	72965.44	0.0363	P	1.0
4	☐	125.000	133.856	174626.30	0.0906	P	0.6
5	☐	250.000	259.373	339018.07	0.1755	P	3.1
6	☐	500.000	508.000	658200.34	0.3437	P	0.9
7	☐	1000.000	992.369	1243696.18	0.6713	A	1.1
8	☐			352.88	0.0002	P	28.4

$$y = 6.7644\text{E-}004 * x + 3.7235\text{E-}005$$

$$R = 0.9999$$

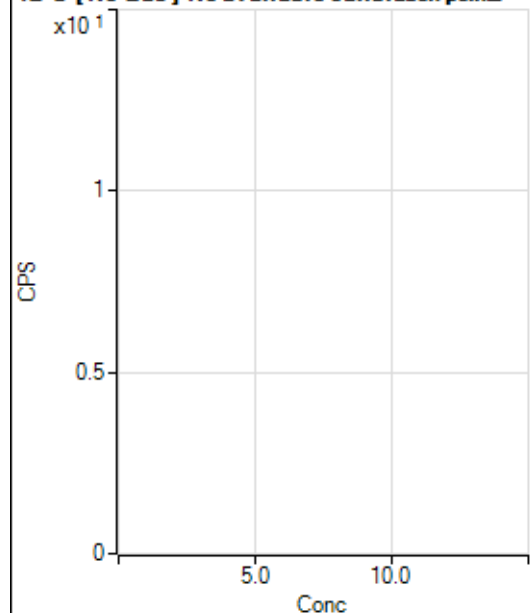
$$DL = 0.03167$$

$$BEC = 0.05504$$

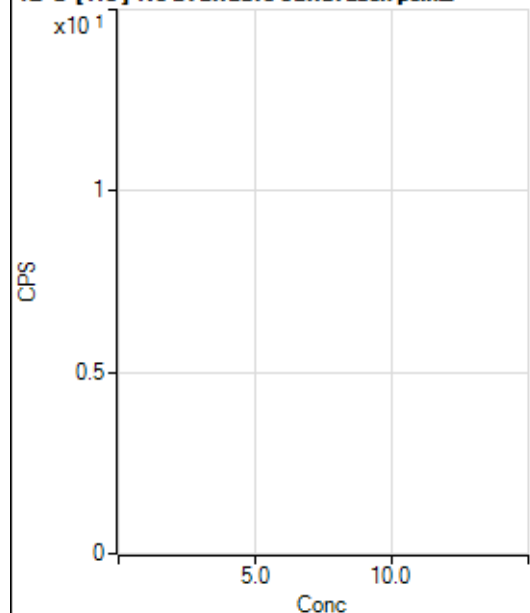
Weight: <None>

Min Conc: 0

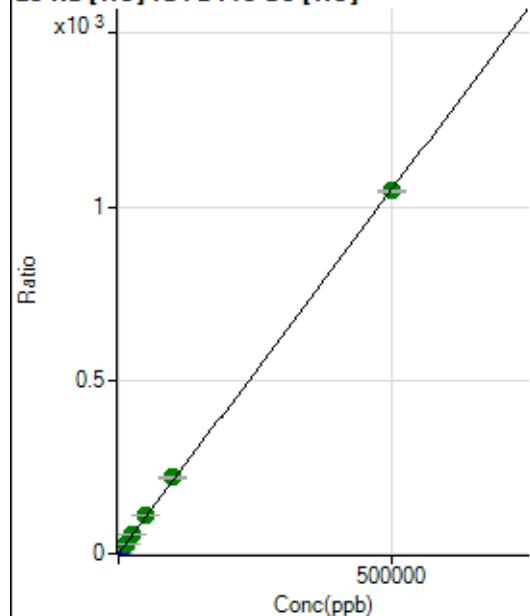
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1600466.55		A	1.2
2	☐			1718620.34		A	1.4
3	☐			1732300.68		A	1.4
4	☐			1735180.50		A	0.5
5	☐			1741617.34		A	1.5
6	☐			1791135.32		A	3.2
7	☐			2116506.95		A	3.2
8	☐			1782267.40		A	0.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19880.21		P	2.4
2	☐			21756.16		P	0.3
3	☐			22206.84		P	1.7
4	☐			22634.19		P	0.6
5	☐			22733.19		P	0.7
6	☐			23889.48		P	1.9
7	☐			28629.04		P	0.8
8	☐			26769.99		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10669.54	0.1182	P	3.1
2	☐	500.000	475.882	97553.75	1.1161	P	1.0
3	☐	5000.000	5208.648	980155.82	11.0410	P	5.9
4	☐	12500.000	13511.586	2361391.89	28.4528	A	1.1
5	☐	25000.000	26588.304	4549985.73	55.8754	A	0.9
6	☐	50000.000	52074.401	8908267.43	109.3212	A	0.2
7	☐	100000.00	104618.98	17500221.27	219.5103	A	0.7
8	☐	500000.00	498761.99	82254769.89	1,046.051	A	0.9

$$y = 0.0021 * x + 0.1182$$

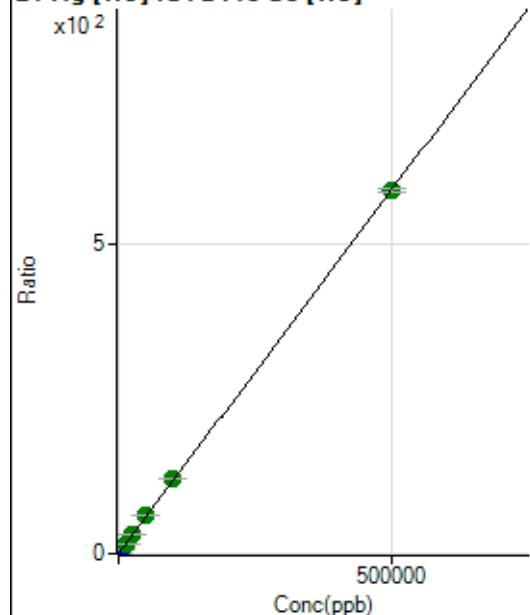
$$R = 1.0000$$

$$DL = 5.317$$

$$BEC = 56.36$$

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	170.00	0.0019	P	18.2
2	☐	500.000	481.259	49421.28	0.5654	P	1.1
3	☐	5000.000	5180.446	538855.56	6.0682	P	5.2
4	☐	12500.000	13461.152	1308408.56	15.7650	A	0.7
5	☐	25000.000	26666.166	2542780.38	31.2281	A	1.8
6	☐	50000.000	52253.822	4986298.68	61.1914	A	0.1
7	☐	100000.00	103715.91	9682266.52	121.4538	A	0.6
8	☐	500000.00	498922.31	45939774.87	584.2426	A	1.1

$$y = 0.0012 * x + 0.0019$$

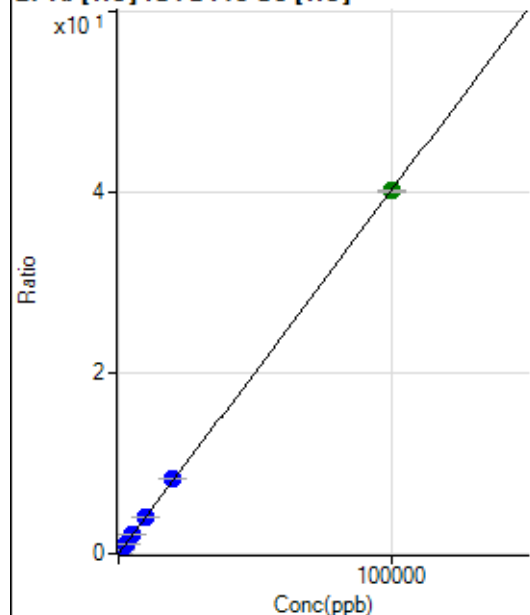
$$R = 1.0000$$

$$DL = 0.8779$$

$$BEC = 1.609$$

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	80.00	0.0009	P	4.0
2	☐	20.000	20.262	790.03	0.0090	P	1.0
3	☐	1000.000	1016.859	36421.12	0.4101	P	4.6
4	☐	2500.000	2639.113	88203.12	1.0628	P	1.0
5	☐	5000.000	5227.026	171335.01	2.1041	P	1.6
6	☐	10000.000	10225.051	335332.87	4.1153	P	0.9
7	☐	20000.000	20606.384	660963.59	8.2925	P	1.1
8	☐	100000.00	99841.220	3159397.42	40.1751	A	0.4

$$y = 4.0238E-004 * x + 8.8614E-004$$

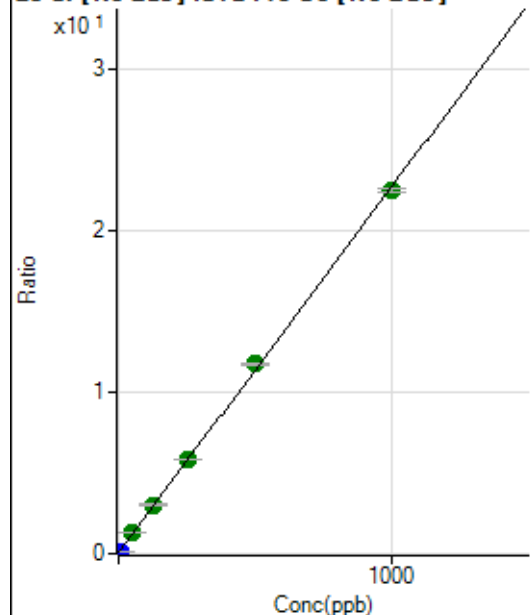
$$R = 1.0000$$

$$DL = 0.2666$$

$$BEC = 2.202$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175156.23	0.0600	P	1.2
2	☐	10.000	0.282	195682.55	0.0664	P	3.0
3	☐	50.000	54.097	3630098.32	1.2840	A	0.3
4	☐	125.000	130.484	8386473.70	3.0124	A	1.9
5	☐	250.000	255.338	16089475.04	5.8374	A	1.0
6	☐	500.000	516.541	32010100.91	11.7474	A	1.3
7	☐	1000.000	989.602	60644427.43	22.4509	A	0.9
8	☐			271240.85	0.1094	P	4.8

$$y = 0.0226 * x + 0.0600$$

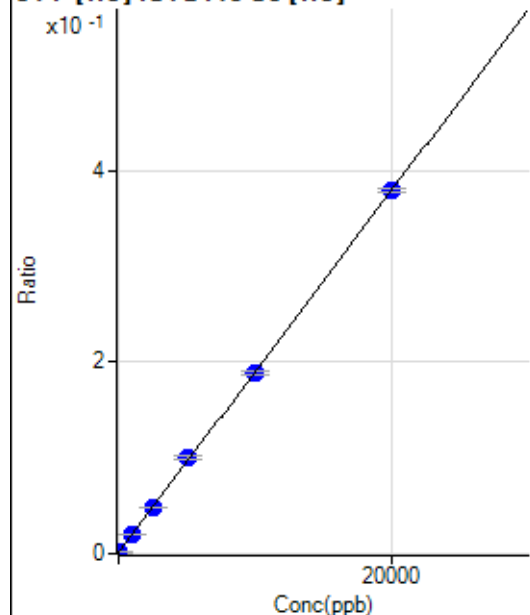
$$R = 0.9997$$

$$DL = 0.09656$$

$$BEC = 2.653$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-26.285	43.33	0.0005	P	15.9
2	☐	0.000	26.285	128.89	0.0015	P	1.5
3	☐	1000.000	978.280	1732.34	0.0195	P	1.8
4	☐	2500.000	2469.950	3958.36	0.0477	P	2.1
5	☐	5000.000	5284.935	8217.95	0.1009	P	3.7
6	☐	10000.000	9902.733	15341.56	0.1883	P	1.8
7	☐	20000.000	19982.242	30202.63	0.3789	P	1.2
8	☐			74.45	0.0009	P	35.3

$$y = 1.8914E-005 * x + 9.7749E-004$$

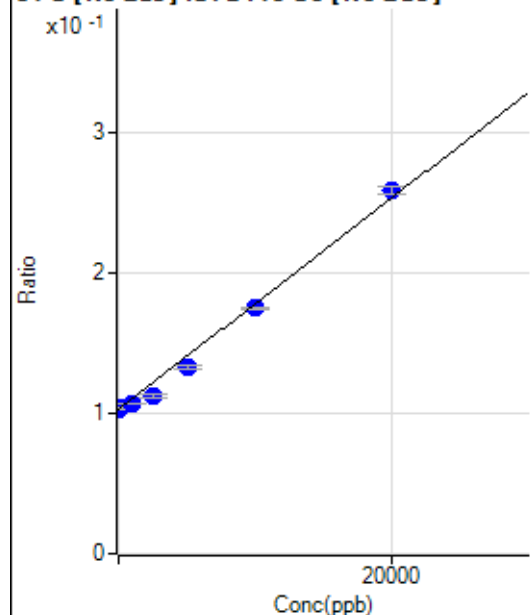
$$R = 0.9999$$

$$DL = 7.834$$

$$BEC = 51.68$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-62.433	298539.19	0.1023	P	2.1
2	☐	0.000	62.433	304363.98	0.1033	P	1.8
3	☐	1000.000	502.984	301317.98	0.1066	P	1.1
4	☐	2500.000	1178.040	310778.64	0.1116	P	2.5
5	☐	5000.000	3947.166	364942.41	0.1324	P	1.6
6	☐	10000.000	9576.161	475979.83	0.1747	P	0.5
7	☐	20000.000	20665.224	696560.97	0.2579	P	2.0
8	☐			237108.01	0.0956	P	2.5

$$y = 7.5054\text{E-}006 * x + 0.1028$$

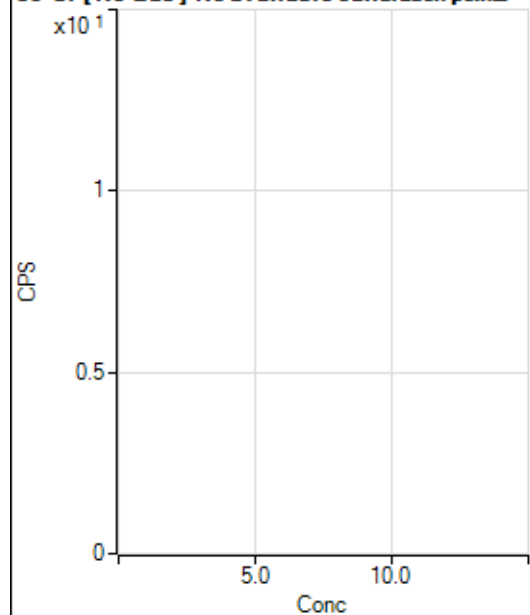
$$R = 0.9970$$

$$DL = 803.5$$

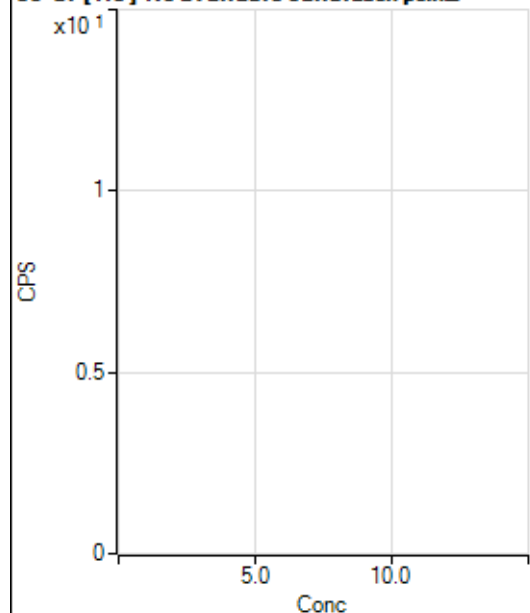
$$BEC = 1.37\text{E}+04$$

Weight: <None>

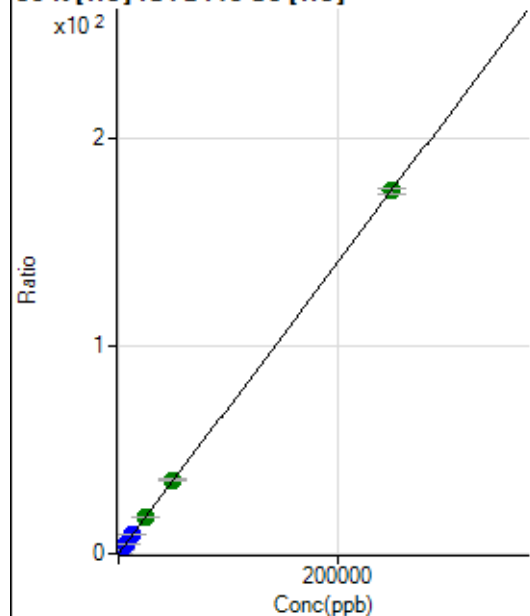
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101409.46		P	1.4
2	☐			121290.46		P	0.7
3	☐			114223.11		P	2.7
4	☐			112308.93		P	1.5
5	☐			126719.66		P	0.3
6	☐			277477.77		P	1.7
7	☐			436729.71		P	2.5
8	☐			111113.34		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			634.47		P	2.1
2	☐			687.80		P	3.9
3	☐			691.14		P	7.7
4	☐			651.13		P	7.9
5	☐			675.58		P	4.1
6	☐			1601.21		P	3.7
7	☐			2572.48		P	5.2
8	☐			692.25		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6810.55	0.0755	P	2.8
2	☐	500.000	463.999	34994.65	0.4004	P	2.5
3	☐	2500.000	2478.936	160796.00	1.8113	P	6.1
4	☐	6250.000	6345.089	374994.85	4.5185	P	0.6
5	☐	12500.000	12714.980	731135.07	8.9789	P	1.5
6	☐	25000.000	25199.907	1443991.65	17.7214	A	1.3
7	☐	50000.000	50591.653	2829564.19	35.5016	A	1.5
8	☐	250000.00	249848.83	13764113.27	175.0288	A	1.6

$$y = 7.0024\text{E-}004 * x + 0.0755$$

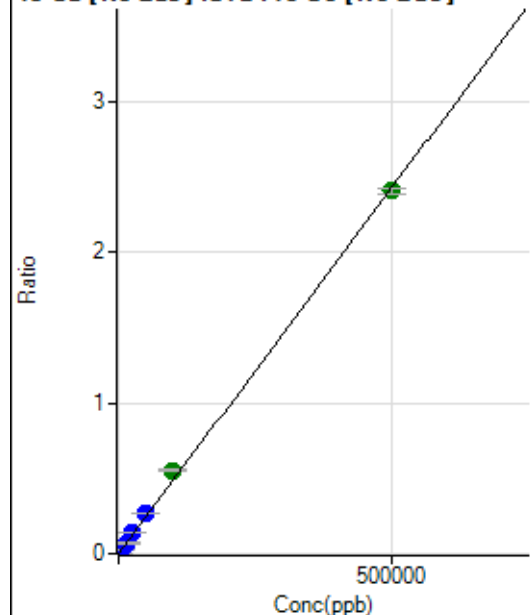
$$R = 1.0000$$

$$DL = 9.185$$

$$BEC = 107.8$$

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	118.89	0.0000	P	3.9
2	☐	500.000	472.061	6866.14	0.0023	P	7.3
3	☐	5000.000	5874.668	80713.72	0.0285	P	0.4
4	☐	12500.000	14360.123	194141.43	0.0697	P	1.7
5	☐	25000.000	28267.504	378130.53	0.1372	P	1.6
6	☐	50000.000	56379.692	745645.12	0.2736	P	0.1
7	☐	100000.00	114379.82	1499426.47	0.5551	A	0.3
8	☐	500000.00	496267.46	5970339.70	2.4082	A	1.7

$$y = 4.8526\text{E-}006 * x + 4.0745\text{E-}005$$

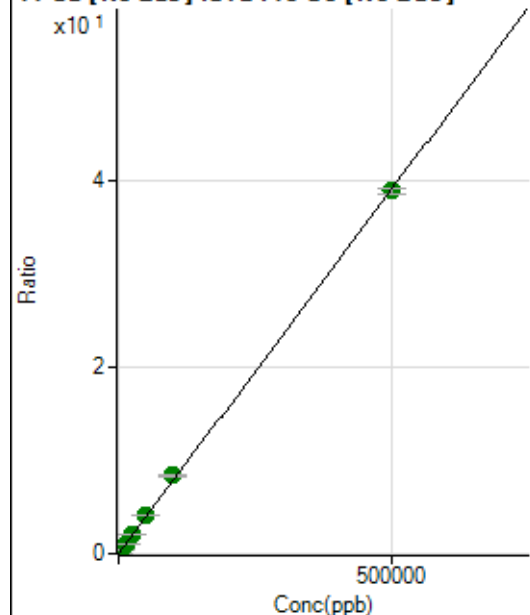
$$R = 0.9995$$

$$DL = 0.99$$

$$BEC = 8.396$$

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	12041.80	0.0041	P	2.9
2	☐	500.000	469.000	120183.69	0.0408	P	2.9
3	☐	5000.000	5705.568	1272583.61	0.4501	A	0.7
4	☐	12500.000	13688.519	2990200.86	1.0740	A	2.1
5	☐	25000.000	26961.153	5819023.11	2.1114	A	1.9
6	☐	50000.000	53538.541	11413599.00	4.1886	A	1.3
7	☐	100000.00	107116.96	22625284.66	8.3762	A	1.3
8	☐	500000.00	498087.95	96519784.11	38.9339	A	1.5

$$y = 7.8158\text{E-}005 * x + 0.0041$$

$$R = 0.9999$$

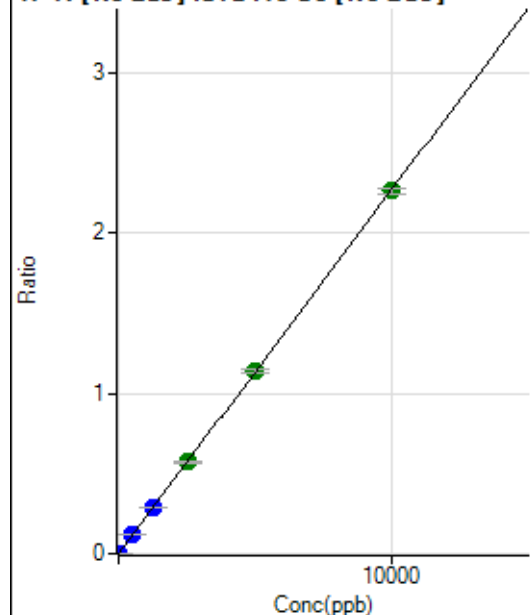
$$DL = 4.53$$

$$BEC = 52.82$$

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	61.11	0.0000	P	22.5
2	☐	5.000	4.934	3359.32	0.0011	P	3.7
3	☐	500.000	517.592	331899.23	0.1174	P	0.9
4	☐	1250.000	1277.252	806506.02	0.2897	P	1.7
5	☐	2500.000	2517.458	1573263.74	0.5709	A	2.0
6	☐	5000.000	5031.859	3109695.93	1.1411	A	1.7
7	☐	10000.000	9975.420	6110592.55	2.2622	A	1.3
8	☐			1940.18	0.0008	P	21.5

$$y = 2.2678\text{E-}004 * x + 2.0957\text{E-}005$$

$$R = 1.0000$$

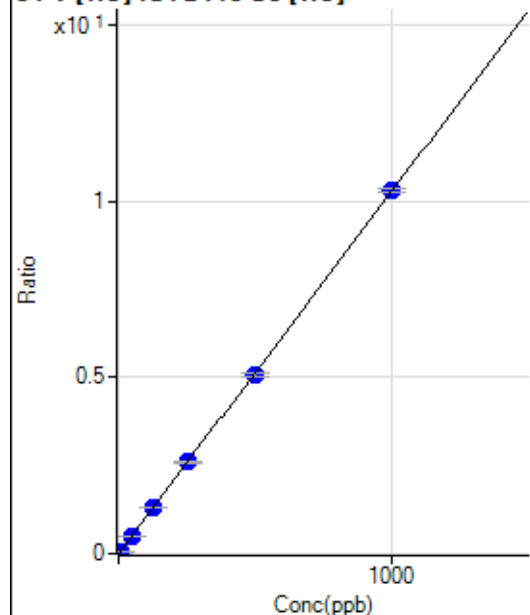
$$DL = 0.06226$$

$$BEC = 0.09241$$

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	1.11	0.0000	P	173.2
2	☐	5.000	4.630	4160.65	0.0476	P	2.7
3	☐	50.000	48.141	43960.62	0.4949	P	4.3
4	☐	125.000	126.449	107878.24	1.2999	P	0.7
5	☐	250.000	253.708	212375.06	2.6081	P	1.1
6	☐	500.000	493.884	413690.08	5.0771	P	1.5
7	☐	1000.000	1002.045	821064.48	10.3009	P	0.9
8	☐			411.12	0.0052	P	31.4

$$y = 0.0103 * x + 1.2178\text{E-}005$$

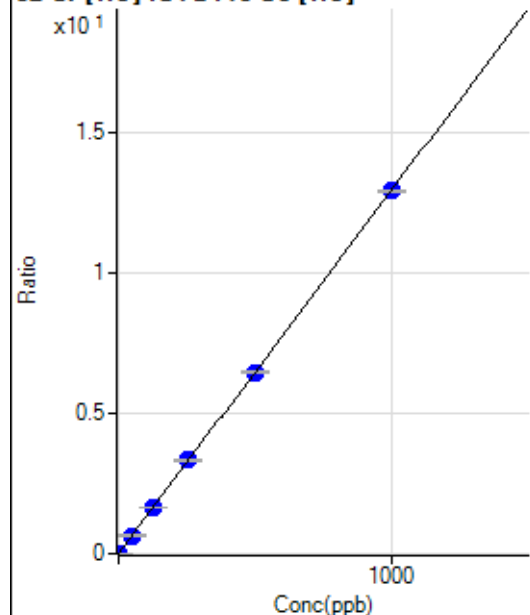
$$R = 1.0000$$

$$DL = 0.006155$$

$$BEC = 0.001185$$

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	461.12	0.0051	P	6.9
2	☐	2.000	1.902	2596.93	0.0297	P	2.5
3	☐	50.000	49.542	57366.67	0.6460	P	4.9
4	☐	125.000	128.714	138599.76	1.6701	P	0.8
5	☐	250.000	257.127	271240.02	3.3311	P	1.8
6	☐	500.000	499.035	526412.67	6.4603	P	0.8
7	☐	1000.000	998.260	1029743.42	12.9179	P	0.7
8	☐			31083.89	0.3953	P	0.3

$$y = 0.0129 * x + 0.0051$$

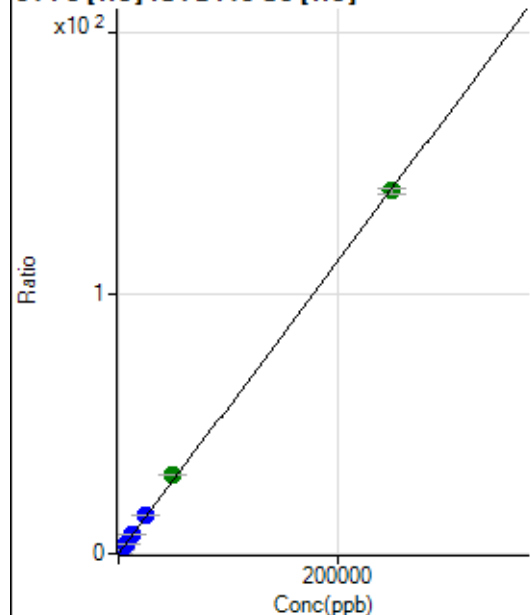
$$R = 1.0000$$

$$DL = 0.08165$$

$$BEC = 0.395$$

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	222.23	0.0025	P	10.7
2	☐	50.000	53.784	2845.87	0.0326	P	6.0
3	☐	2500.000	2634.888	131161.10	1.4774	P	5.9
4	☐	6250.000	6889.218	320251.54	3.8589	P	0.7
5	☐	12500.000	13684.167	623970.34	7.6626	P	1.0
6	☐	25000.000	26536.758	1210667.80	14.8573	P	0.2
7	☐	50000.000	54191.089	2417986.09	30.3377	A	1.6
8	☐	250000.00	248931.56	10957158.73	139.3499	A	1.6

$$y = 5.5978E-004 * x + 0.0025$$

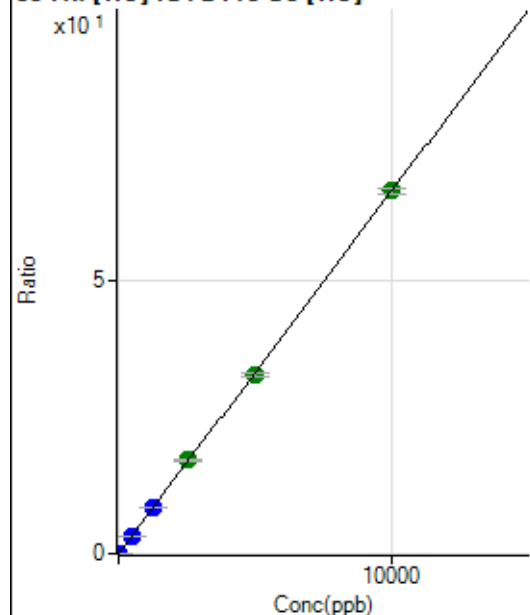
$$R = 0.9998$$

$$DL = 1.407$$

$$BEC = 4.396$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.89	0.0005	P	14.3
2	☐	1.000	0.862	548.90	0.0063	P	5.5
3	☐	500.000	486.994	287593.20	3.2397	P	6.1
4	☐	1250.000	1264.115	697822.26	8.4087	P	1.3
5	☐	2500.000	2576.004	1395205.35	17.1346	A	1.8
6	☐	5000.000	4944.947	2680117.25	32.8915	A	1.9
7	☐	10000.000	10007.411	5305075.82	66.5641	A	1.8
8	☐			4970.93	0.0632	P	8.5

$$y = 0.0067 * x + 5.4158E-004$$

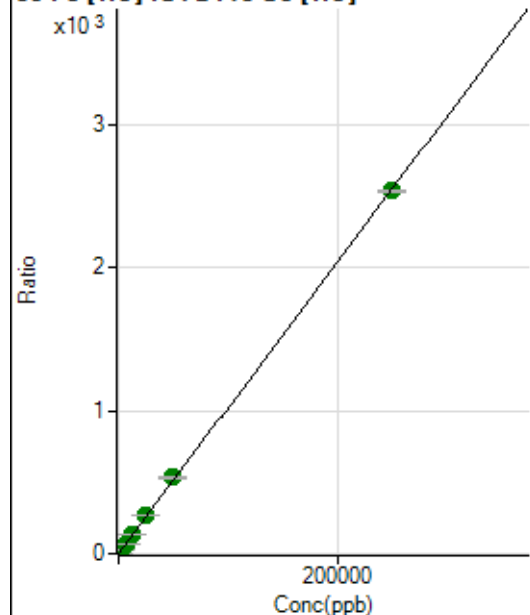
$$R = 0.9999$$

$$DL = 0.03487$$

$$BEC = 0.08142$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1779.02	0.0197	P	6.1
2	☐	50.000	49.733	45951.65	0.5257	P	0.6
3	☐	2500.000	2683.165	2425135.34	27.3200	A	6.1
4	☐	6250.000	6800.946	5744472.62	69.2169	A	0.4
5	☐	12500.000	13581.110	11253918.31	138.2027	A	1.9
6	☐	25000.000	25979.115	21540522.04	264.3481	A	1.0
7	☐	50000.000	52523.285	42591536.59	534.4256	A	2.1
8	☐	250000.00	249327.77	199486210.3	2.536.841	A	0.4

$$y = 0.0102 * x + 0.0197$$

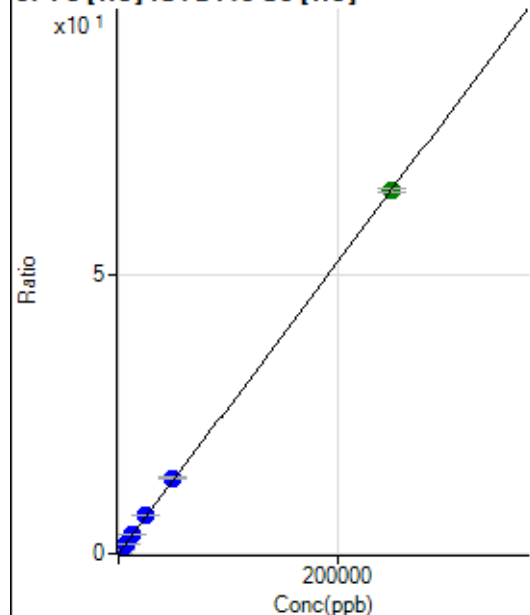
$$R = 0.9999$$

$$DL = 0.3516$$

$$BEC = 1.937$$

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	98.89	0.0011	P	38.0
2	☐	50.000	48.238	1192.28	0.0136	P	7.3
3	☐	2500.000	2551.575	58998.29	0.6646	P	6.1
4	☐	6250.000	6692.221	144528.15	1.7413	P	0.9
5	☐	12500.000	13303.493	281787.12	3.4605	P	1.3
6	☐	25000.000	26073.128	552562.61	6.7811	P	0.5
7	☐	50000.000	51942.980	1076583.12	13.5083	P	1.9
8	☐	250000.00	249452.34	5100681.77	64.8683	A	1.1

$$y = 2.6004\text{E-}004 * x + 0.0011$$

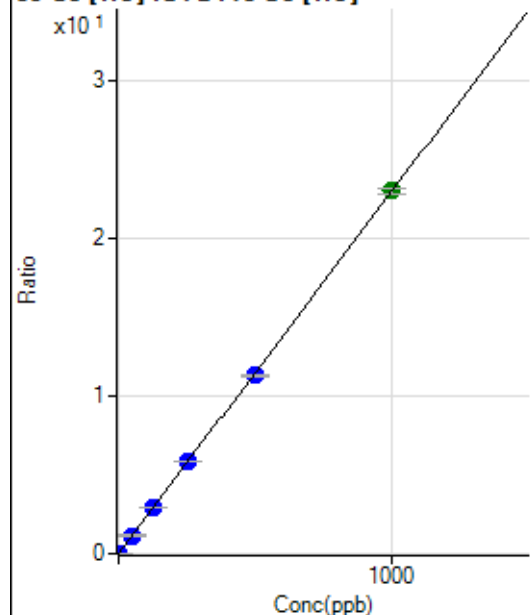
$$R = 1.0000$$

$$DL = 4.81$$

$$BEC = 4.222$$

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	71.11	0.0008	P	38.0
2	☐	1.000	1.010	2097.96	0.0240	P	3.5
3	☐	50.000	49.449	100971.59	1.1376	P	6.5
4	☐	125.000	127.661	243645.99	2.9357	P	0.3
5	☐	250.000	254.945	477336.59	5.8620	P	1.1
6	☐	500.000	492.593	922842.42	11.3255	P	1.2
7	☐	1000.000	1002.162	1836597.27	23.0404	A	1.5
8	☐			4833.08	0.0615	P	6.4

$$y = 0.0230 * x + 7.8899\text{E-}004$$

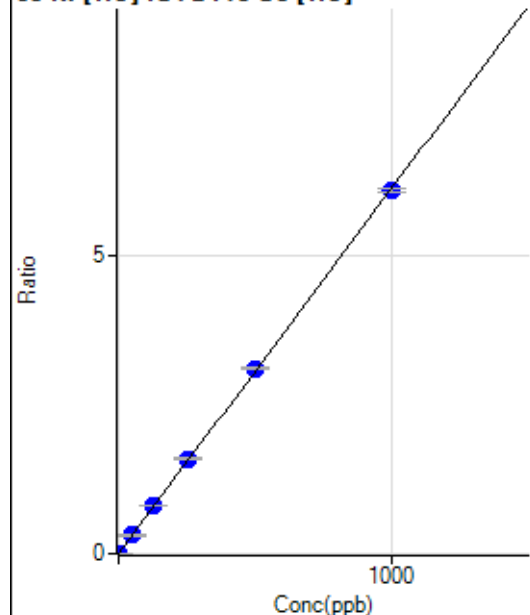
$$R = 0.9999$$

$$DL = 0.03916$$

$$BEC = 0.03432$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0006	P	18.8
2	☐	1.000	0.912	541.13	0.0062	P	5.9
3	☐	50.000	50.893	27673.64	0.3116	P	4.9
4	☐	125.000	131.766	66874.26	0.8058	P	0.3
5	☐	250.000	259.199	129020.97	1.5845	P	1.6
6	☐	500.000	506.094	252040.87	3.0932	P	1.2
7	☐	1000.000	993.763	484088.61	6.0731	P	1.1
8	☐			9471.01	0.1205	P	3.2

$$y = 0.0061 * x + 6.1572E-004$$

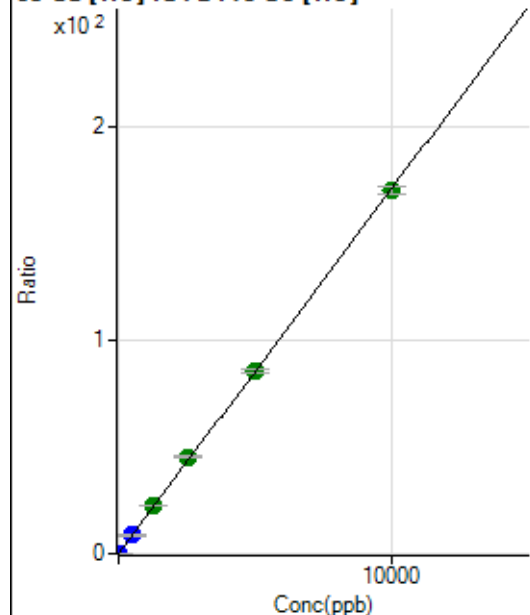
$$R = 0.9999$$

$$DL = 0.05688$$

$$BEC = 0.1008$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	714.47	0.0079	P	12.3
2	☐	2.000	1.925	3572.71	0.0409	P	5.1
3	☐	500.000	502.015	764040.00	8.6052	P	5.5
4	☐	1250.000	1336.040	1899605.79	22.8884	A	0.7
5	☐	2500.000	2654.661	3702589.49	45.4706	A	2.3
6	☐	5000.000	5007.589	6988391.15	85.7660	A	1.5
7	☐	10000.000	9946.685	13576507.16	170.3511	A	2.3
8	☐			6002.50	0.0764	P	20.0

$$y = 0.0171 * x + 0.0079$$

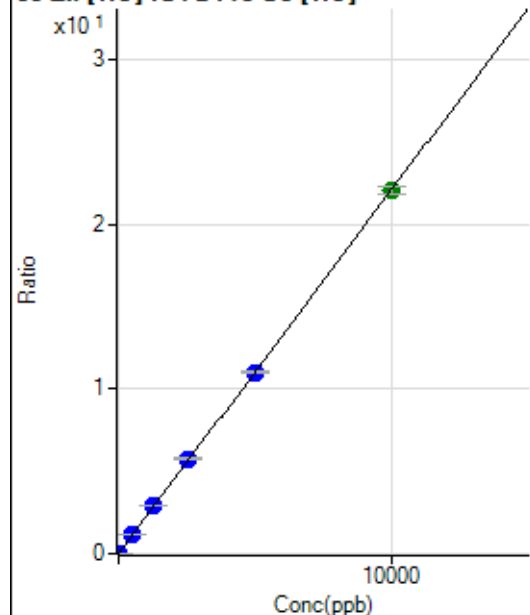
$$R = 0.9998$$

$$DL = 0.17$$

$$BEC = 0.4624$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.12	0.0034	P	8.0
2	☐	2.000	4.485	1167.84	0.0134	P	8.4
3	☐	500.000	532.971	104957.64	1.1821	P	5.5
4	☐	1250.000	1318.278	242237.74	2.9188	P	0.3
5	☐	2500.000	2594.263	467425.92	5.7406	P	2.0
6	☐	5000.000	4988.492	899211.35	11.0354	P	0.9
7	☐	10000.000	9972.004	1757912.59	22.0564	A	2.0
8	☐			2865.88	0.0365	P	9.2

$$y = 0.0022 * x + 0.0034$$

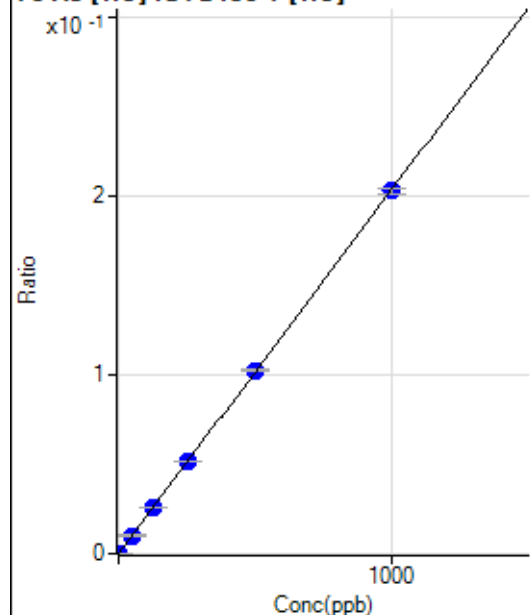
$$R = 0.9999$$

$$DL = 0.3759$$

$$BEC = 1.558$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	0.977	100.00	0.0002	P	19.7
3	☐	50.000	49.710	4994.27	0.0101	P	8.0
4	☐	125.000	127.781	12236.52	0.0260	P	1.4
5	☐	250.000	252.767	23595.34	0.0515	P	0.6
6	☐	500.000	502.950	46638.10	0.1024	P	0.8
7	☐	1000.000	997.500	90433.69	0.2031	P	1.4
8	☐			67.78	0.0002	P	9.9

$$y = 2.0359E-004 * x + 4.4210E-006$$

$$R = 1.0000$$

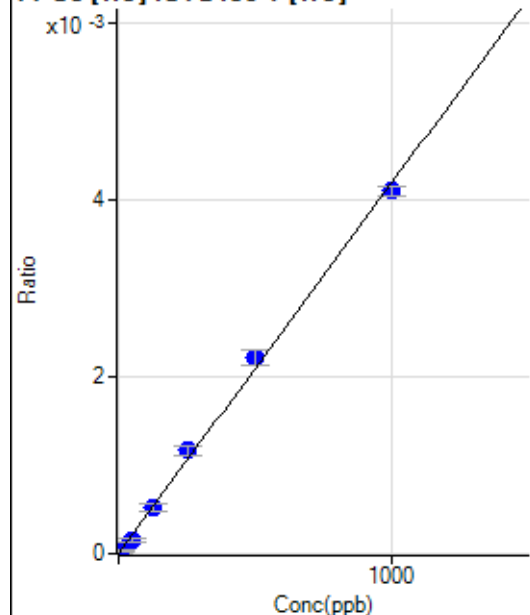
$$DL = 0.05642$$

$$BEC = 0.02171$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	6.526	14.44	0.0000	P	81.2
3	☐	50.000	36.181	75.56	0.0002	P	17.3
4	☐	125.000	124.963	246.67	0.0005	P	18.5
5	☐	250.000	278.683	535.57	0.0012	P	8.5
6	☐	500.000	528.576	1007.83	0.0022	P	8.2
7	☐	1000.000	979.229	1825.69	0.0041	P	2.8
8	☐			13.33	0.0000	P	65.7

$$y = 4.1840\text{E-}006 * x + 2.2157\text{E-}006$$

$$R = 0.9986$$

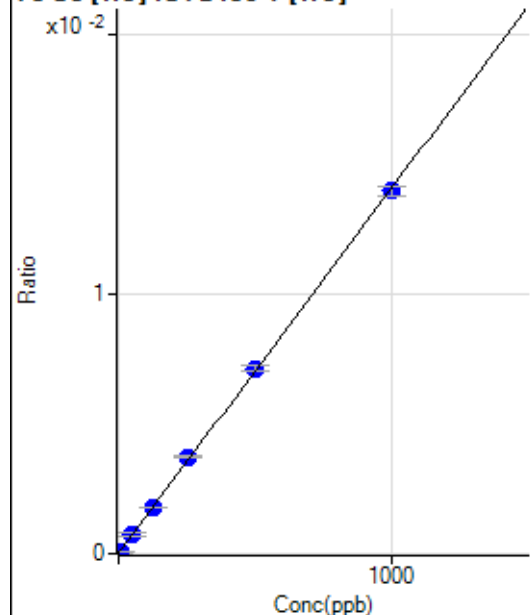
$$DL = 2.752$$

$$BEC = 0.5296$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.66	0.0000	P	86.1
2	☐	5.000	4.845	40.00	0.0001	P	46.6
3	☐	50.000	51.784	365.56	0.0007	P	15.3
4	☐	125.000	125.423	836.70	0.0018	P	3.9
5	☐	250.000	262.986	1703.45	0.0037	P	1.9
6	☐	500.000	506.969	3255.97	0.0072	P	3.3
7	☐	1000.000	993.128	6232.55	0.0140	P	2.7
8	☐			38.89	0.0001	P	12.8

$$y = 1.4078\text{E-}005 * x + 1.3189\text{E-}005$$

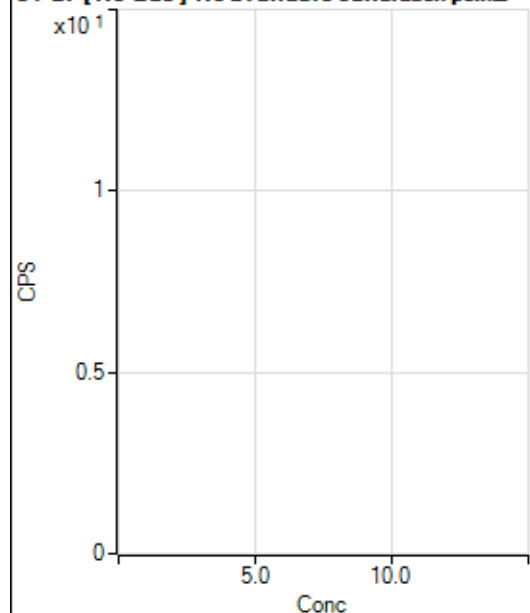
$$R = 0.9999$$

$$DL = 2.42$$

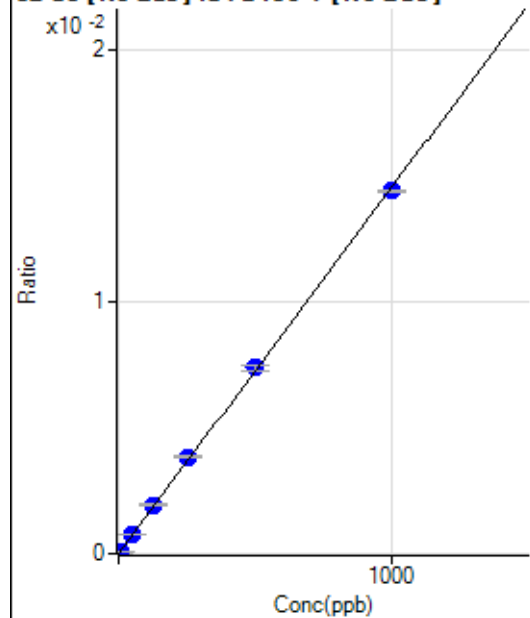
$$BEC = 0.9368$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2217.98		P	1.7
2	☐			1967.93		P	4.0
3	☐			1942.38		P	5.3
4	☐			1911.26		P	6.3
5	☐			1835.69		P	5.0
6	☐			1986.83		P	1.8
7	☐			1953.49		P	4.6
8	☐			2792.53		P	10.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-5.55	0.0000	P	-185.
2	☐	5.000	4.551	364.46	0.0001	P	16.2
3	☐	50.000	53.879	4245.17	0.0008	P	1.7
4	☐	125.000	132.784	10198.32	0.0019	P	2.2
5	☐	250.000	265.230	19987.89	0.0038	P	2.4
6	☐	500.000	507.457	38526.68	0.0074	P	3.1
7	☐	1000.000	991.299	74733.21	0.0144	P	0.2
8	☐			392.24	0.0001	P	4.8

$$y = 1.4518\text{E-}005 * x - 9.7894\text{E-}007$$

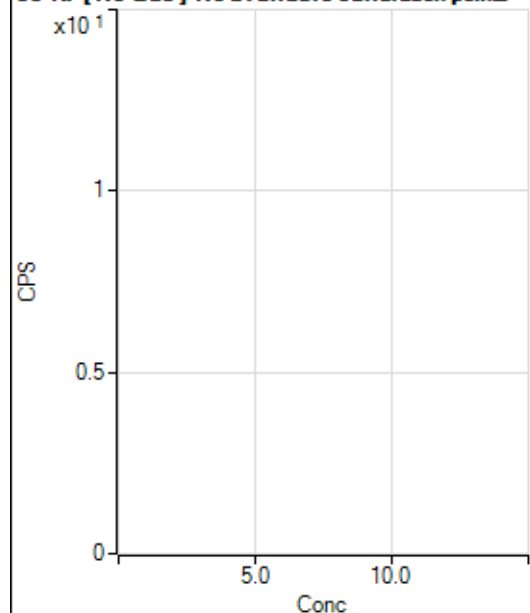
$$R = 0.9998$$

$$DL = 0.3745$$

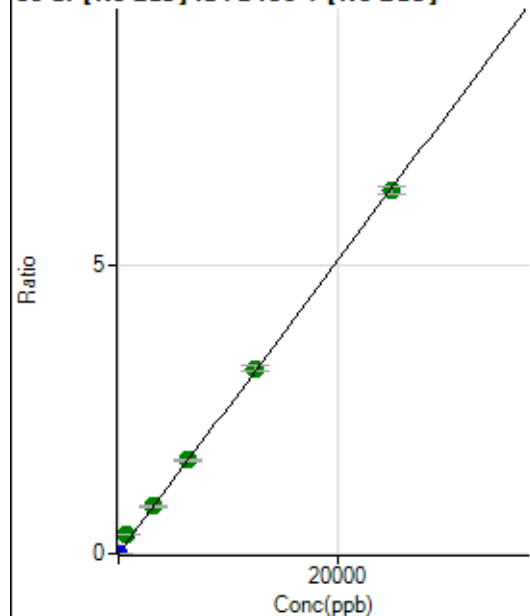
$$BEC = -0.06743$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			146.67		P	7.9
2	☐			197.78		P	11.2
3	☐			144.45		P	14.7
4	☐			125.56		P	8.1
5	☐			135.56		P	27.0
6	☐			158.89		P	4.4
7	☐			161.11		P	8.6
8	☐			134.45		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	313.34	0.0001	P	5.3
2	☐	1.000	0.965	1680.12	0.0003	P	5.9
3	☐	625.000	1304.575	1791890.87	0.3299	A	2.0
4	☐	3125.000	3245.870	4344305.18	0.8207	A	2.6
5	☐	6250.000	6413.448	8421630.50	1.6216	A	0.9
6	☐	12500.000	12679.262	16768360.31	3.2058	A	2.6
7	☐	25000.000	24837.409	32612068.96	6.2799	A	2.2
8	☐			6874.75	0.0014	P	30.4

$$y = 2.5284\text{E-}004 * x + 5.5814\text{E-}005$$

$$R = 0.9997$$

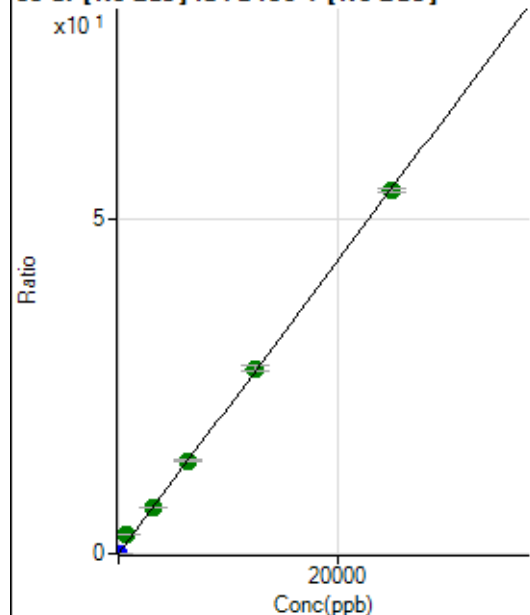
$$DL = 0.03529$$

$$BEC = 0.2208$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	655.58	0.0001	P	14.6
2	☐	1.000	0.971	12533.52	0.0022	P	3.2
3	☐	625.000	1284.803	15241547.97	2.8051	A	0.5
4	☐	3125.000	3186.662	36830661.39	6.9573	A	1.8
5	☐	6250.000	6381.004	72353830.59	13.9313	A	1.1
6	☐	12500.000	12691.862	144923283.4	27.7093	A	2.9
7	☐	25000.000	24847.115	281716120.2	54.2469	A	1.1
8	☐			61748.90	0.0129	P	43.5

$$y = 0.0022 * x + 1.1660E-004$$

$$R = 0.9997$$

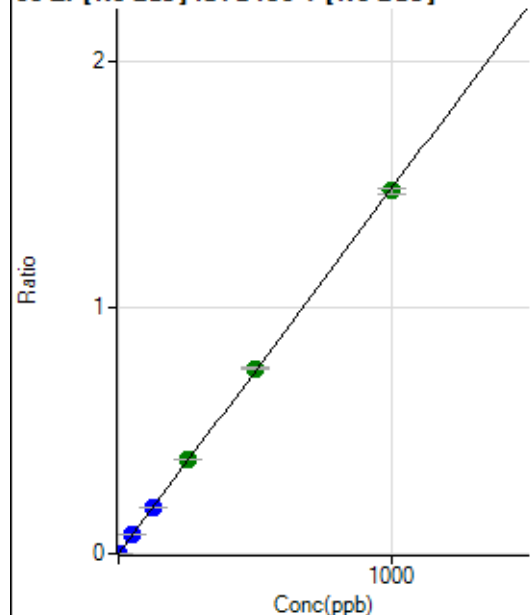
$$DL = 0.02336$$

$$BEC = 0.05341$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	262.23	0.0000	P	1.8
2	☐	1.000	0.898	7708.85	0.0014	P	0.1
3	☐	50.000	50.399	405531.45	0.0746	P	1.2
4	☐	125.000	125.808	986034.05	0.1863	P	1.9
5	☐	250.000	258.087	1984314.05	0.3821	A	0.5
6	☐	500.000	508.015	3934085.56	0.7520	A	1.4
7	☐	1000.000	993.850	7640038.77	1.4711	A	1.4
8	☐			3501.61	0.0007	P	16.5

$$y = 0.0015 * x + 4.6701E-005$$

$$R = 0.9999$$

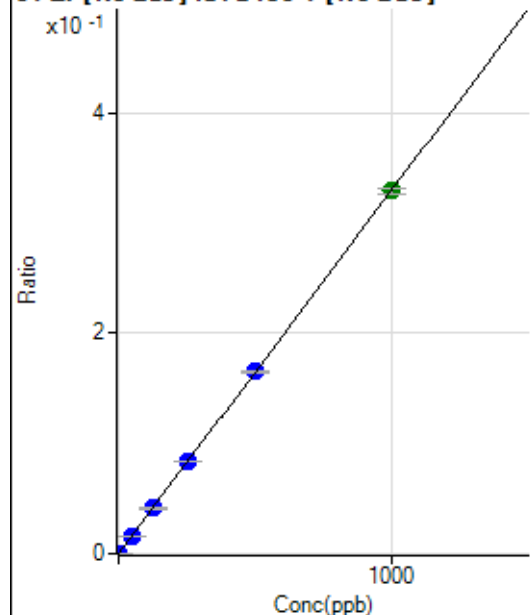
$$DL = 0.001724$$

$$BEC = 0.03155$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	10.6
2	☐	1.000	0.903	1722.35	0.0003	P	4.9
3	☐	50.000	49.753	89234.94	0.0164	P	0.9
4	☐	125.000	125.797	219727.51	0.0415	P	2.7
5	☐	250.000	253.433	434232.30	0.0836	P	1.3
6	☐	500.000	500.518	863805.14	0.1651	P	1.9
7	☐	1000.000	998.796	1711302.42	0.3295	A	1.4
8	☐			782.25	0.0002	P	24.2

$$y = 3.2991\text{E-}004 * x + 9.4963\text{E-}006$$

$$R = 1.0000$$

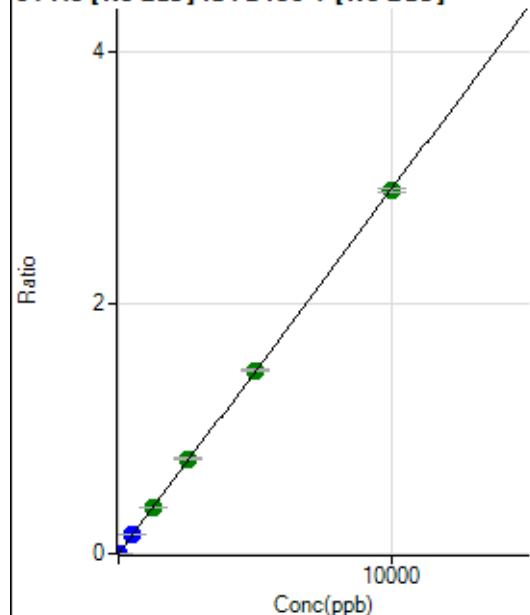
$$DL = 0.00912$$

$$BEC = 0.02878$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	121.11	0.0000	P	10.6
2	☐	5.000	5.498	9080.81	0.0016	P	1.9
3	☐	500.000	508.579	803346.06	0.1479	P	1.7
4	☐	1250.000	1280.589	1971600.37	0.3724	A	1.3
5	☐	2500.000	2593.604	3915865.53	0.7542	A	1.9
6	☐	5000.000	5032.563	7654987.66	1.4633	A	1.7
7	☐	10000.000	9956.065	15034383.94	2.8950	A	1.0
8	☐			8870.75	0.0019	P	11.0

$$y = 2.9077\text{E-}004 * x + 2.1557\text{E-}005$$

$$R = 0.9999$$

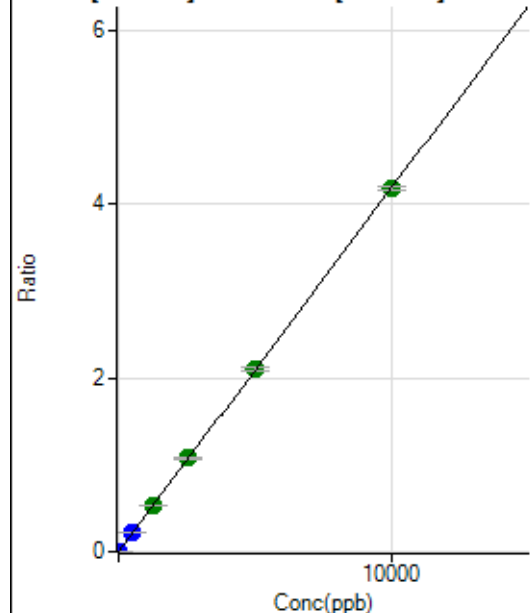
$$DL = 0.02365$$

$$BEC = 0.07414$$

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	30.00	0.0000	P	10.7
2	☐	5.000	4.687	11023.34	0.0020	P	0.8
3	☐	500.000	509.081	1157002.96	0.2130	P	2.4
4	☐	1250.000	1280.437	2836633.15	0.5358	A	2.2
5	☐	2500.000	2568.543	5581795.19	1.0749	A	1.2
6	☐	5000.000	5010.799	10968472.27	2.0969	A	2.3
7	☐	10000.000	9973.206	21674663.84	4.1736	A	1.2
8	☐			12570.38	0.0026	P	10.1

$$y = 4.1848\text{E-}004 * x + 5.3413\text{E-}006$$

$$R = 1.0000$$

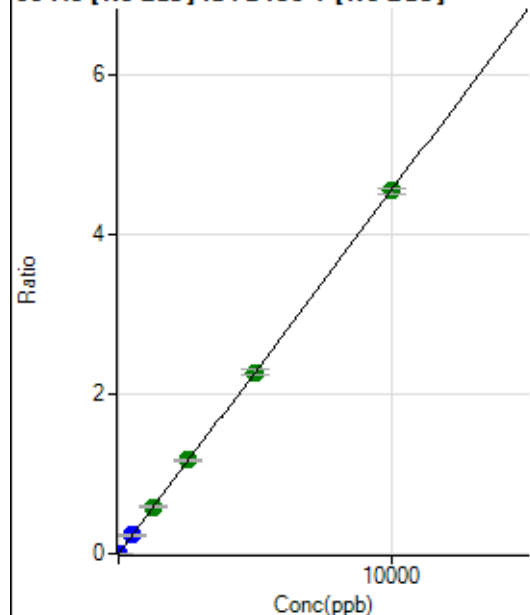
$$DL = 0.004089$$

$$BEC = 0.01276$$

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	104.45	0.0000	P	16.2
2	☐	5.000	4.686	12070.88	0.0022	P	2.5
3	☐	500.000	504.279	1248179.47	0.2298	P	2.0
4	☐	1250.000	1283.857	3097311.45	0.5851	A	2.2
5	☐	2500.000	2571.268	6084395.05	1.1717	A	2.2
6	☐	5000.000	4991.529	11898250.79	2.2747	A	2.7
7	☐	10000.000	9981.973	23623809.65	4.5488	A	1.4
8	☐			13545.79	0.0028	P	11.0

$$y = 4.5570\text{E-}004 * x + 1.8571\text{E-}005$$

$$R = 1.0000$$

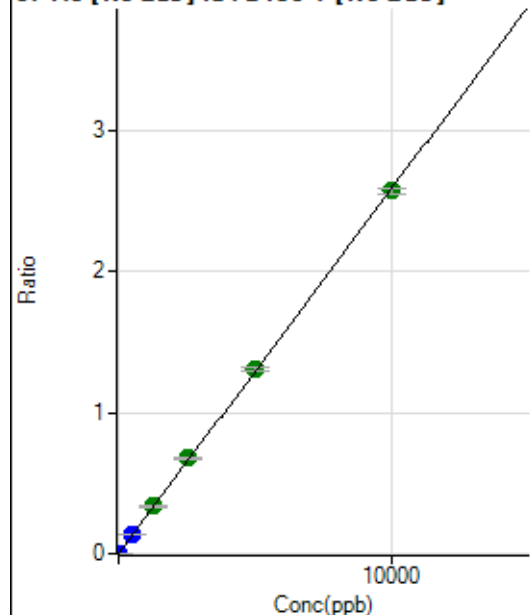
$$DL = 0.01981$$

$$BEC = 0.04075$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.00	0.0000	P	43.1
2	☐	5.000	4.769	6924.01	0.0012	P	4.7
3	☐	500.000	514.671	722227.97	0.1330	P	1.5
4	☐	1250.000	1296.952	1773872.09	0.3350	A	1.7
5	☐	2500.000	2612.731	3504437.73	0.6750	A	2.0
6	☐	5000.000	5044.050	6816430.10	1.3030	A	1.7
7	☐	10000.000	9943.190	13339734.11	2.5687	A	1.5
8	☐			7699.05	0.0016	P	12.8

$$y = 2.5833\text{E-}004 * x + 3.5466\text{E-}006$$

$$R = 0.9999$$

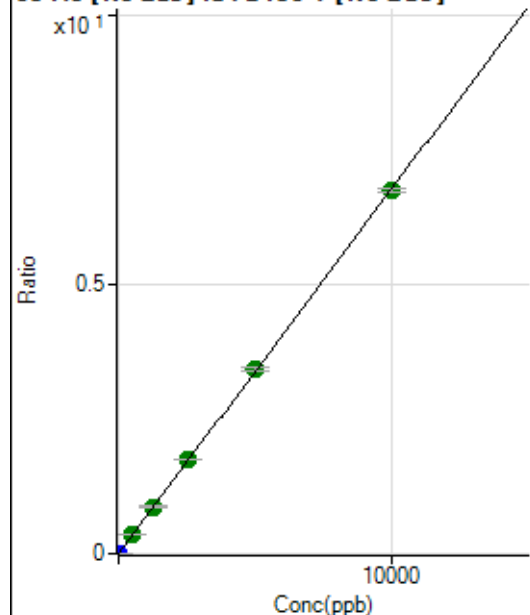
$$DL = 0.01776$$

$$BEC = 0.01373$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.56	0.0000	P	12.1
2	☐	5.000	4.668	17767.07	0.0032	P	4.1
3	☐	500.000	520.419	1913074.57	0.3521	A	1.6
4	☐	1250.000	1283.875	4597787.39	0.8686	A	2.1
5	☐	2500.000	2577.309	9054254.10	1.7436	A	1.1
6	☐	5000.000	5050.560	17873721.54	3.4168	A	1.7
7	☐	10000.000	9950.138	34957473.09	6.7314	A	1.0
8	☐			19643.47	0.0041	P	9.7

$$y = 6.7651\text{E-}004 * x + 1.3440\text{E-}005$$

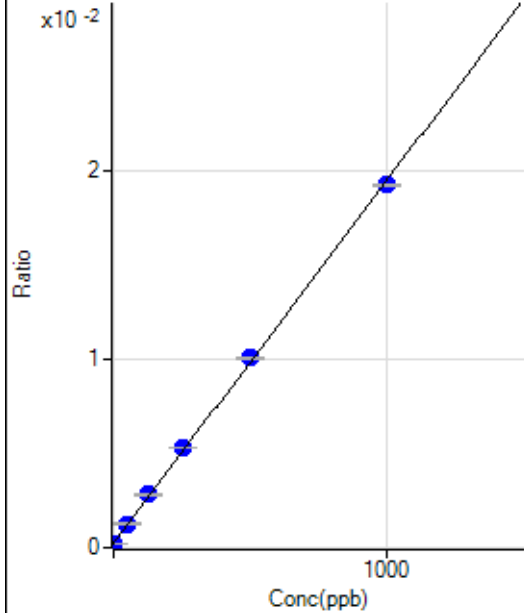
$$R = 0.9999$$

$$DL = 0.007232$$

$$BEC = 0.01987$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1495.65	0.0002	P	6.6
2	☐	1.000	0.592	1564.55	0.0002	P	2.3
3	☐	50.000	54.471	8281.42	0.0013	P	1.3
4	☐	125.000	134.250	17954.00	0.0028	P	0.7
5	☐	250.000	265.011	34005.25	0.0053	P	1.0
6	☐	500.000	511.664	64310.24	0.0101	P	0.6
7	☐	1000.000	989.036	123528.65	0.0193	P	0.8
8	☐			1310.08	0.0002	P	4.5

$$y = 1.9270\text{E-}005 * x + 2.2628\text{E-}004$$

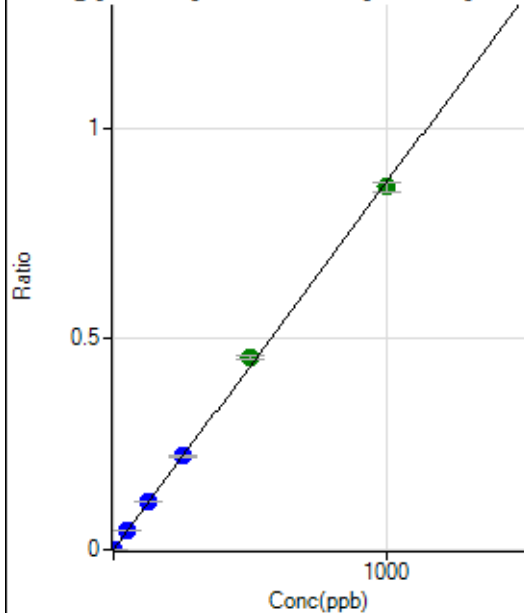
$$R = 0.9998$$

$$DL = 2.337$$

$$BEC = 11.74$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.23	0.0000	P	51.9
2	☐	1.000	0.954	5568.96	0.0008	P	4.8
3	☐	50.000	52.720	298158.26	0.0459	P	0.1
4	☐	125.000	129.997	722655.34	0.1133	P	0.9
5	☐	250.000	253.945	1410516.63	0.2212	P	1.5
6	☐	500.000	521.241	2895137.60	0.4541	A	2.0
7	☐	1000.000	987.633	5509044.43	0.8603	A	2.8
8	☐			1177.84	0.0002	P	4.6

$$y = 8.7110\text{E-}004 * x + 1.5462\text{E-}005$$

$$R = 0.9997$$

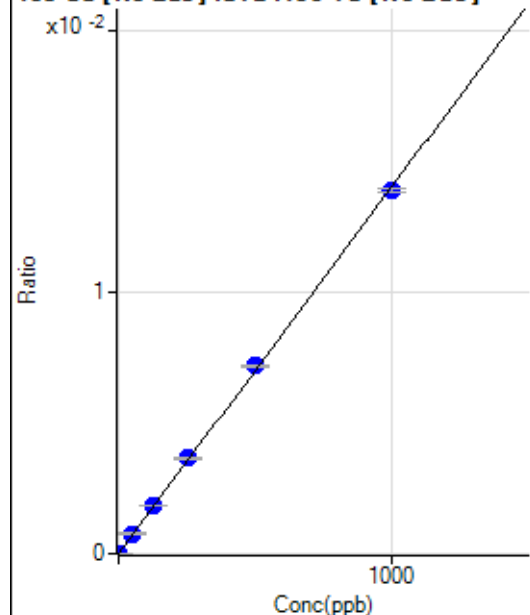
$$DL = 0.02763$$

$$BEC = 0.01775$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0000	P	98.9
2	☐	1.000	0.952	95.55	0.0000	P	20.3
3	☐	50.000	54.958	5006.51	0.0008	P	3.0
4	☐	125.000	130.537	11677.27	0.0018	P	1.4
5	☐	250.000	261.123	23329.88	0.0037	P	2.8
6	☐	500.000	512.462	45780.40	0.0072	P	1.7
7	☐	1000.000	990.048	88836.53	0.0139	P	1.0
8	☐			103.34	0.0000	P	22.7

$$y = 1.4009\text{E-}005 * x + 1.1757\text{E-}006$$

$$R = 0.9998$$

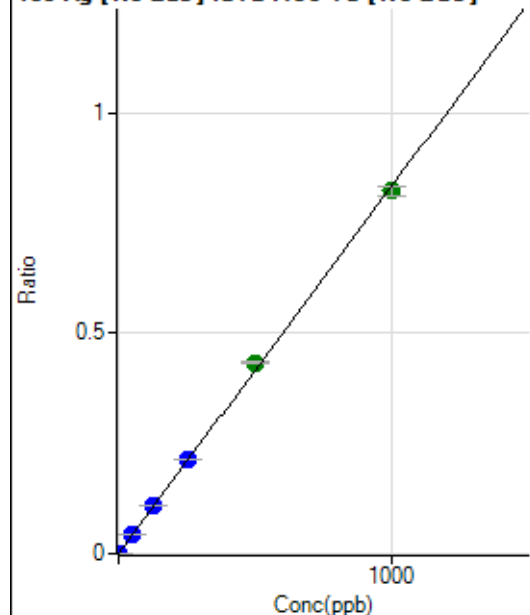
$$DL = 0.2491$$

$$BEC = 0.08393$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.89	0.0000	P	59.0
2	☐	1.000	0.953	5292.18	0.0008	P	1.5
3	☐	50.000	52.427	283406.71	0.0437	P	0.6
4	☐	125.000	130.245	692030.47	0.1085	P	2.0
5	☐	250.000	256.062	1359912.78	0.2133	P	0.3
6	☐	500.000	519.336	2757709.37	0.4325	A	0.8
7	☐	1000.000	988.040	5268925.09	0.8228	A	2.9
8	☐			1113.39	0.0002	P	10.5

$$y = 8.3280\text{E-}004 * x + 1.0422\text{E-}005$$

$$R = 0.9997$$

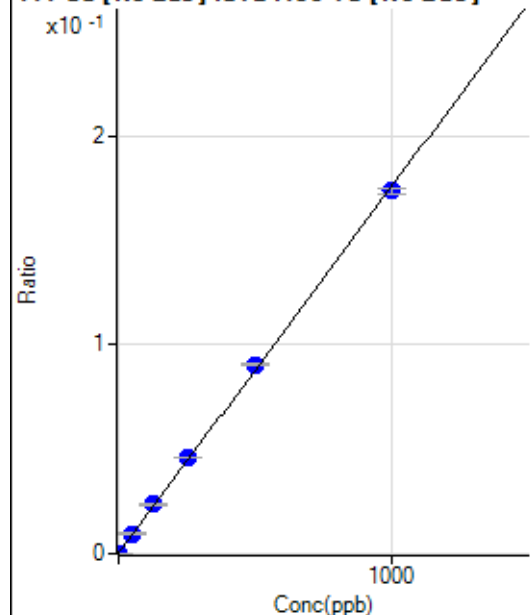
$$DL = 0.02216$$

$$BEC = 0.01251$$

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	1057.07	0.0002	P	7.2
2	☐	1.000	0.968	2171.69	0.0003	P	3.3
3	☐	50.000	54.079	62683.44	0.0097	P	1.9
4	☐	125.000	133.860	150951.67	0.0237	P	2.9
5	☐	250.000	261.293	293575.70	0.0460	P	1.0
6	☐	500.000	514.541	577097.91	0.0905	P	1.0
7	☐	1000.000	988.594	1112804.08	0.1738	P	1.6
8	☐			1602.53	0.0003	P	4.4

$$y = 1.7560\text{E-}004 * x + 1.5993\text{E-}004$$

$$R = 0.9998$$

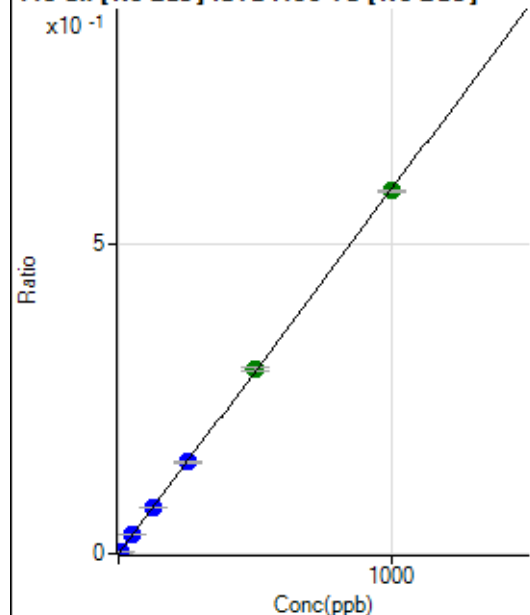
$$DL = 0.1966$$

$$BEC = 0.9108$$

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	451.13	0.0001	P	4.0
2	☐	5.000	4.886	19404.99	0.0030	P	3.8
3	☐	50.000	51.448	197410.08	0.0304	P	0.0
4	☐	125.000	127.026	478476.99	0.0750	P	1.6
5	☐	250.000	250.778	943733.59	0.1480	P	2.0
6	☐	500.000	508.230	1911971.62	0.2999	A	2.1
7	☐	1000.000	995.366	3761194.42	0.5872	A	0.7
8	☐			4453.00	0.0007	P	5.1

$$y = 5.8990\text{E-}004 * x + 6.8258\text{E-}005$$

$$R = 0.9999$$

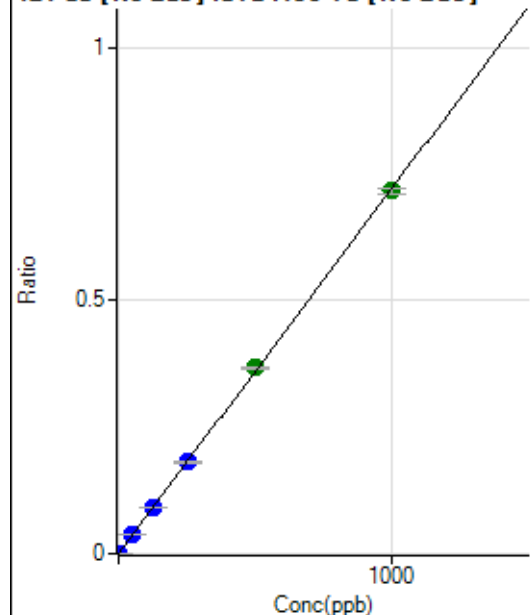
$$DL = 0.01371$$

$$BEC = 0.1157$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.34	0.0000	P	39.4
2	☐	2.000	1.928	9196.50	0.0014	P	2.9
3	☐	50.000	50.438	236063.20	0.0364	P	0.3
4	☐	125.000	126.066	579901.87	0.0909	P	2.0
5	☐	250.000	250.718	1152715.96	0.1808	P	1.1
6	☐	500.000	509.691	2343177.24	0.3675	A	1.5
7	☐	1000.000	994.820	4593872.81	0.7173	A	1.3
8	☐			4057.32	0.0007	P	6.8

$$y = 7.2102\text{E-}004 * x + 8.0758\text{E-}006$$

$$R = 0.9999$$

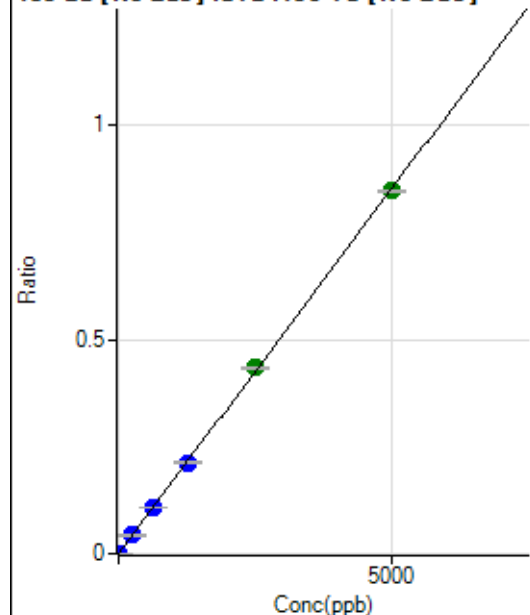
$$DL = 0.01323$$

$$BEC = 0.0112$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	11.5
2	☐	10.000	9.462	10667.63	0.0016	P	3.4
3	☐	250.000	250.897	277574.56	0.0428	P	1.1
4	☐	625.000	634.278	689566.84	0.1081	P	2.5
5	☐	1250.000	1245.052	1353204.12	0.2122	P	1.5
6	☐	2500.000	2550.790	2771819.13	0.4347	A	1.5
7	☐	5000.000	4974.638	5430322.45	0.8478	A	0.5
8	☐			3103.74	0.0005	P	13.3

$$y = 1.7042\text{E-}004 * x + 9.2467\text{E-}006$$

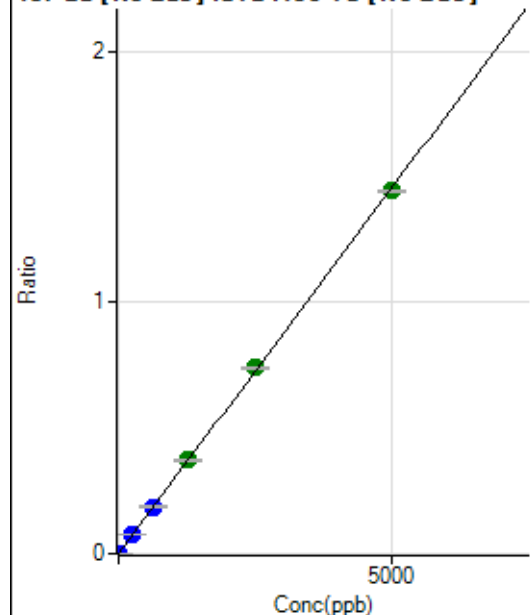
$$R = 0.9999$$

$$DL = 0.01868$$

$$BEC = 0.05426$$

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	71.11	0.0000	P	34.7
2	☐	10.000	9.545	18326.99	0.0028	P	2.5
3	☐	250.000	256.036	483221.64	0.0745	P	1.7
4	☐	625.000	642.465	1191895.22	0.1868	P	1.9
5	☐	1250.000	1282.023	2377058.32	0.3728	A	1.4
6	☐	2500.000	2547.684	4723755.04	0.7409	A	1.0
7	☐	5000.000	4965.668	9249142.71	1.4440	A	0.5
8	☐			5526.79	0.0009	P	10.5

$$y = 2.9080E-004 * x + 1.0763E-005$$

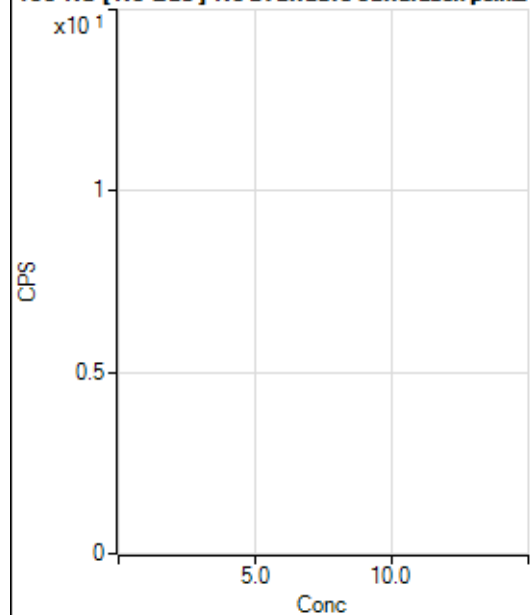
$$R = 0.9999$$

$$DL = 0.03855$$

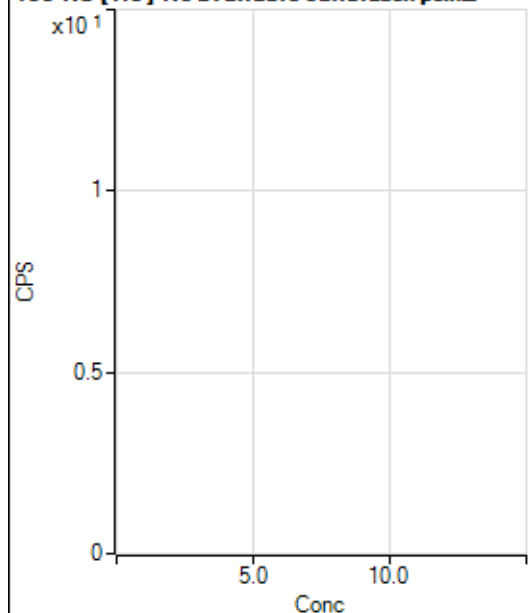
$$BEC = 0.03701$$

Weight: <None>

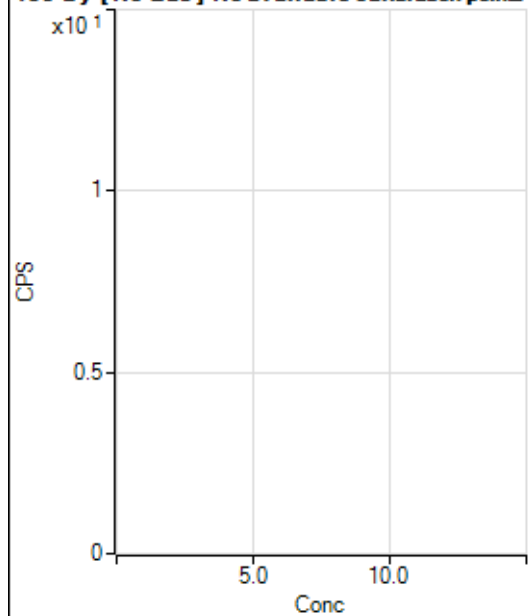
Min Conc: 0

150 Nd [No Gas] No available calibration points

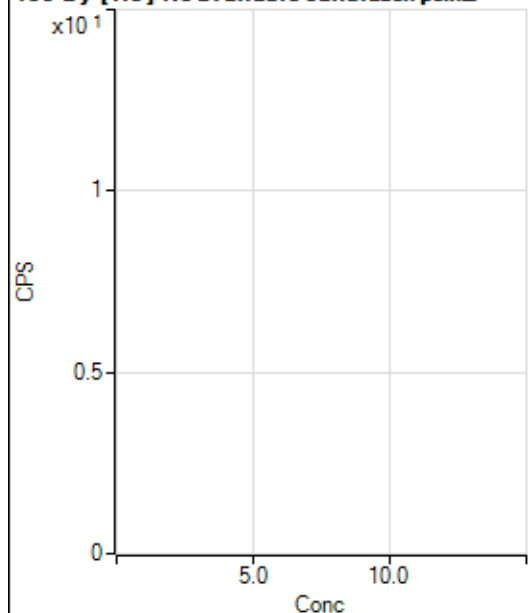
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐			3.33		P	100.1
3	☐			35.56		P	35.5
4	☐			50.00		P	11.5
5	☐			117.78		P	20.5
6	☐			217.78		P	4.7
7	☐			450.02		P	10.7
8	☐			141.11		P	20.4

150 Nd [He] No available calibration points

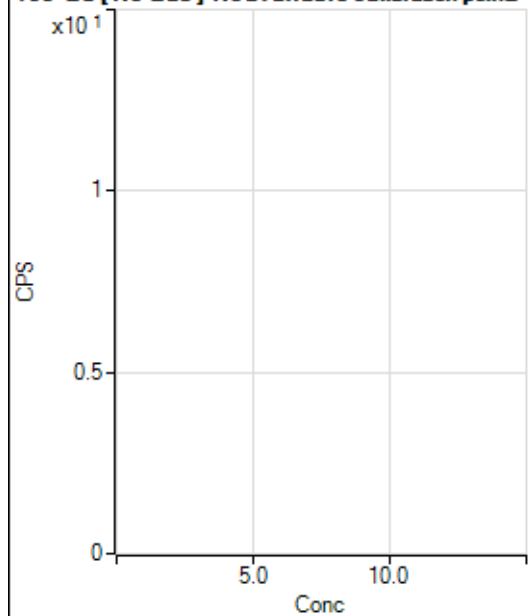
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			4.44		P	43.4
4	☐			6.66		P	86.6
5	☐			11.11		P	45.8
6	☐			26.67		P	33.1
7	☐			68.89		P	32.2
8	☐			40.00		P	14.4

156 Dy [No Gas] No available calibration points

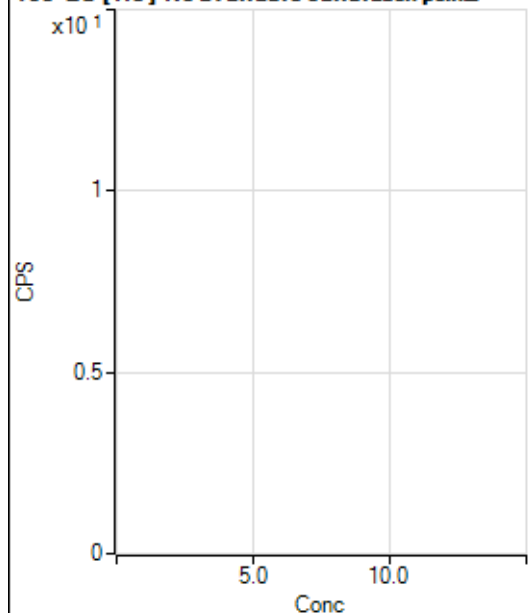
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			7.78		P	99.0
3	☐			31.11		P	37.6
4	☐			35.56		P	28.6
5	☐			110.00		P	9.1
6	☐			181.11		P	13.8
7	☐			428.90		P	7.1
8	☐			1036.72		P	2.9

156 Dy [He] No available calibration points

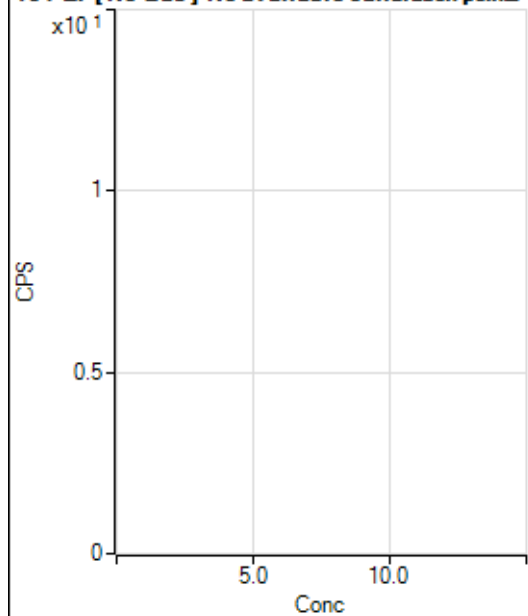
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			3.33		P	0.0
3	☐			7.78		P	65.5
4	☐			18.89		P	36.7
5	☐			47.78		P	10.7
6	☐			84.44		P	2.3
7	☐			191.11		P	4.0
8	☐			391.12		P	10.1

160 Gd [No Gas] Noavailable calibration poin_

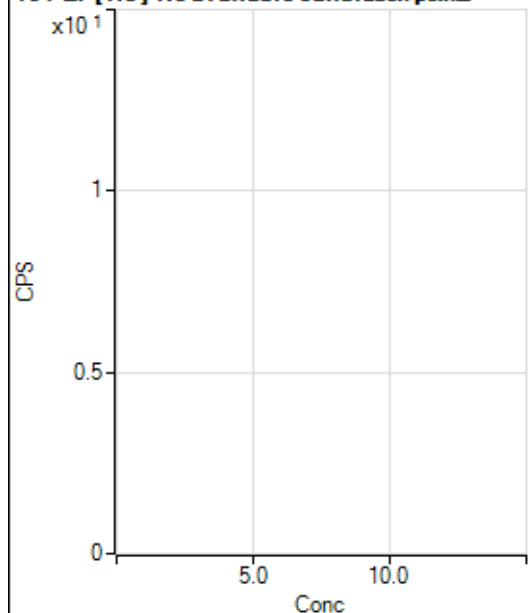
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	45.1
2	☐			32.22		P	48.9
3	☐			62.22		P	13.5
4	☐			77.78		P	21.1
5	☐			108.89		P	29.7
6	☐			188.89		P	12.4
7	☐			387.79		P	3.0
8	☐			1002.27		P	3.3

160 Gd [He] No available calibration points

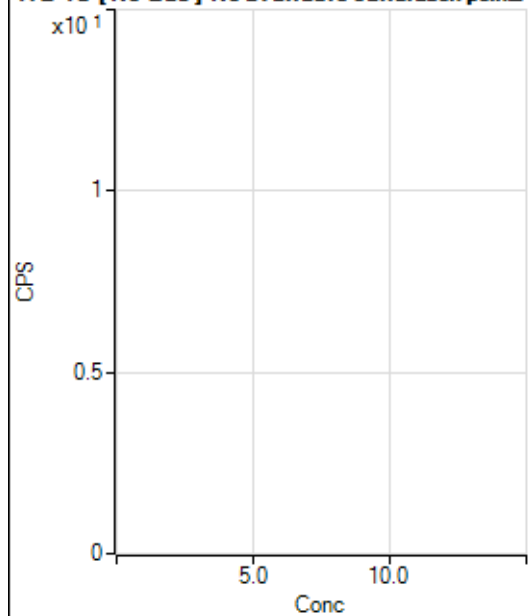
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	10.3
2	☐			90.00		P	9.8
3	☐			94.45		P	19.4
4	☐			83.33		P	10.6
5	☐			114.44		P	35.2
6	☐			168.89		P	16.0
7	☐			248.90		P	11.5
8	☐			542.24		P	7.1

164 Er [No Gas] No available calibration points

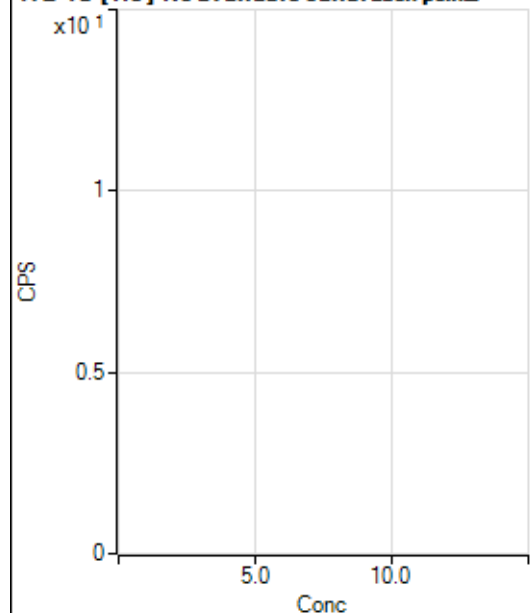
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	11.5
2	☐			50.00		P	11.5
3	☐			40.00		P	30.0
4	☐			71.11		P	11.8
5	☐			66.67		P	27.8
6	☐			115.56		P	13.3
7	☐			224.45		P	12.8
8	☐			145.56		P	15.2

164 Er [He] No available calibration points

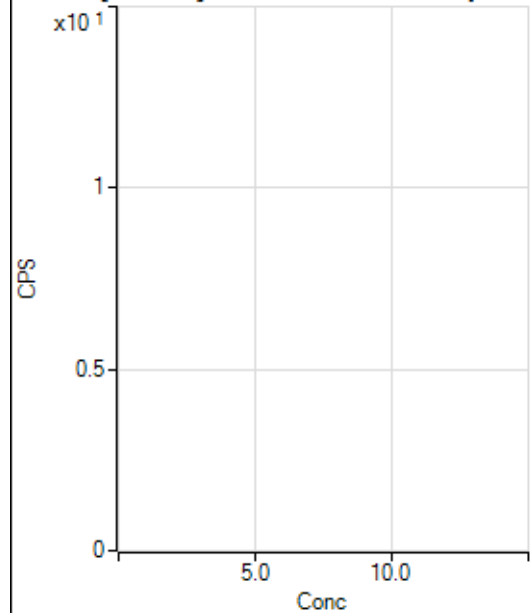
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	10.2
2	☐			12.22		P	31.5
3	☐			24.44		P	20.8
4	☐			17.78		P	28.6
5	☐			36.67		P	36.4
6	☐			40.00		P	44.1
7	☐			77.78		P	17.3
8	☐			58.89		P	32.2

172 Yb [No Gas] No available calibration points

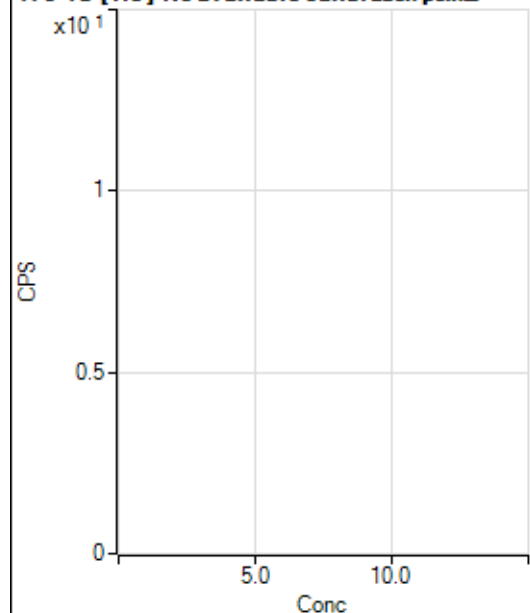
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	0.0
2	☐			35.56		P	35.5
3	☐			51.11		P	30.8
4	☐			64.44		P	21.5
5	☐			66.67		P	18.0
6	☐			94.45		P	10.8
7	☐			162.23		P	5.2
8	☐			171.11		P	15.7

172 Yb [He] No available calibration points

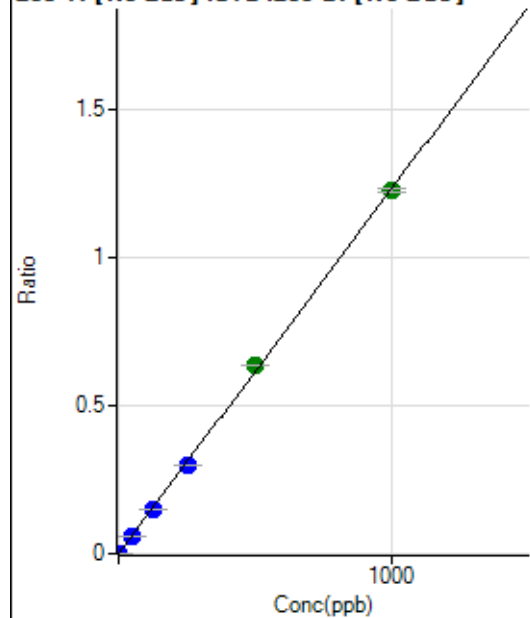
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	12.4
2	☐			16.66		P	34.6
3	☐			12.22		P	41.7
4	☐			17.78		P	54.1
5	☐			33.33		P	10.0
6	☐			53.33		P	16.5
7	☐			70.00		P	37.2
8	☐			74.44		P	15.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			731.14		P	8.0
2	☐			741.14		P	9.5
3	☐			1933.50		P	1.0
4	☐			3469.38		P	5.8
5	☐			6303.79		P	1.1
6	☐			11938.82		P	0.9
7	☐			23950.73		P	1.5
8	☐			712.25		P	6.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8946.45		P	0.7
2	☐			8800.77		P	2.5
3	☐			9427.91		P	4.4
4	☐			9870.45		P	0.9
5	☐			10668.86		P	2.0
6	☐			12498.21		P	1.9
7	☐			16210.04		P	0.6
8	☐			8184.83		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	290.01	0.0001	P	14.0
2	☐	1.000	0.875	5448.97	0.0011	P	4.2
3	☐	50.000	48.180	273590.50	0.0594	P	1.1
4	☐	125.000	120.973	683971.05	0.1490	P	2.4
5	☐	250.000	242.421	1362514.93	0.2984	P	0.9
6	☐	500.000	515.411	2861022.49	0.6344	A	0.3
7	☐	1000.000	994.784	5467289.71	1.2244	A	0.9
8	☐			2591.41	0.0006	P	16.1

$$y = 0.0012 * x + 6.1306E-005$$

$$R = 0.9998$$

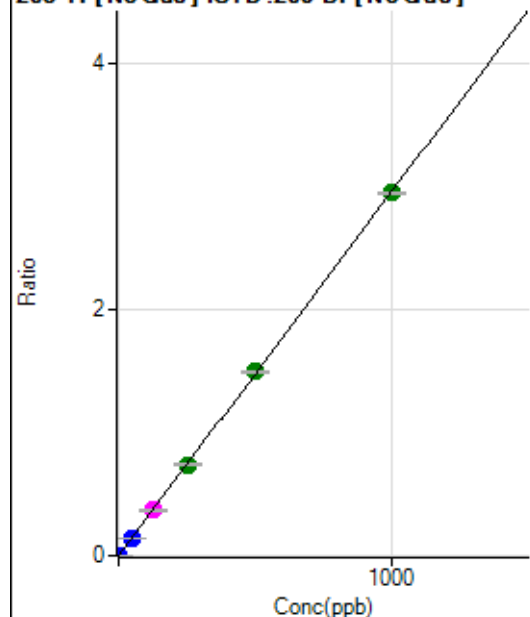
$$DL = 0.02099$$

$$BEC = 0.04981$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	660.02	0.0001	P	3.1
2	☐	1.000	0.889	13253.54	0.0028	P	2.0
3	☐	50.000	48.884	666910.24	0.1447	P	3.0
4	☐	125.000	124.751	1693921.30	0.3691	M	4.8
5	☐	250.000	250.434	3382180.47	0.7408	A	1.2
6	☐	500.000	505.191	6738493.79	1.4942	A	0.5
7	☐	1000.000	997.383	13171749.66	2.9498	A	0.6
8	☐			6102.70	0.0015	P	15.1

$$y = 0.0030 * x + 1.3977E-004$$

$$R = 1.0000$$

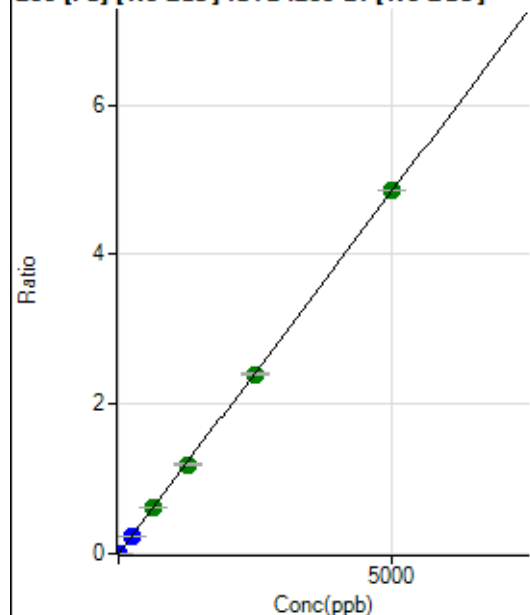
$$DL = 0.004457$$

$$BEC = 0.04726$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	361.12	0.0001	P	8.1
2	☐	1.000	0.934	4694.23	0.0010	P	3.7
3	☐	250.000	238.958	1065873.94	0.2312	P	1.3
4	☐	625.000	631.587	2806993.01	0.6111	A	2.3
5	☐	1250.000	1235.144	5455902.42	1.1950	A	0.8
6	☐	2500.000	2481.020	10824569.49	2.4003	A	1.6
7	☐	5000.000	5012.933	21656292.87	4.8497	A	0.2
8	☐			12425.08	0.0031	P	10.2

$$y = 9.6742E-004 * x + 7.6519E-005$$

$$R = 1.0000$$

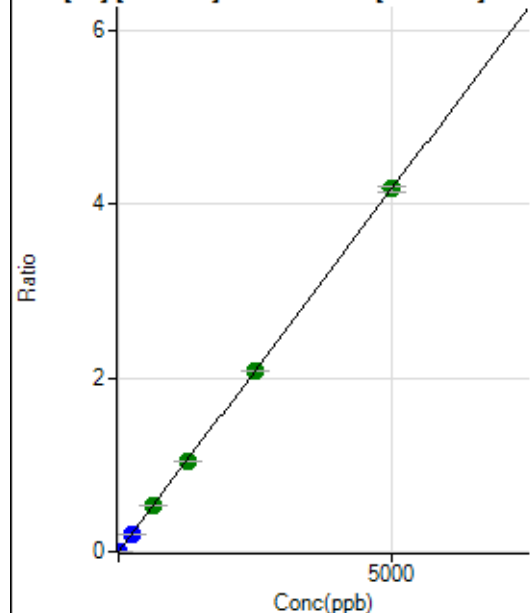
$$DL = 0.01919$$

$$BEC = 0.0791$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	308.90	0.0001	P	14.1
2	☐	1.000	0.961	4150.71	0.0009	P	4.9
3	☐	250.000	245.626	945835.43	0.2052	P	2.4
4	☐	625.000	637.532	2445915.26	0.5325	A	1.4
5	☐	1250.000	1242.833	4739524.44	1.0381	A	0.3
6	☐	2500.000	2494.343	9395192.71	2.0833	A	0.4
7	☐	5000.000	5003.272	18658095.00	4.1788	A	1.5
8	☐			11128.78	0.0028	P	15.0

$$y = 8.3520\text{E-}004 * x + 6.5274\text{E-}005$$

$$R = 1.0000$$

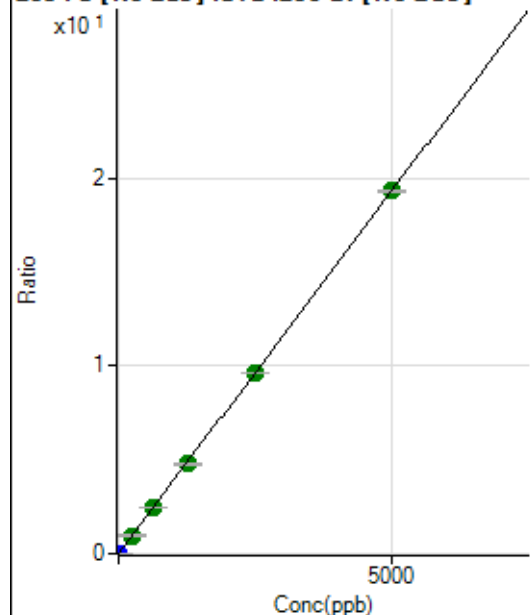
$$DL = 0.03313$$

$$BEC = 0.07815$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1502.28	0.0003	P	3.9
2	☐	1.000	0.948	19042.38	0.0040	P	1.9
3	☐	250.000	249.963	4451451.65	0.9658	A	1.7
4	☐	625.000	634.617	11261530.82	2.4515	A	1.9
5	☐	1250.000	1234.704	21775907.25	4.7694	A	0.3
6	☐	2500.000	2492.348	43414826.58	9.6270	A	0.8
7	☐	5000.000	5006.450	86348917.19	19.3377	A	0.7
8	☐			50310.04	0.0125	P	12.4

$$y = 0.0039 * x + 3.1811\text{E-}004$$

$$R = 1.0000$$

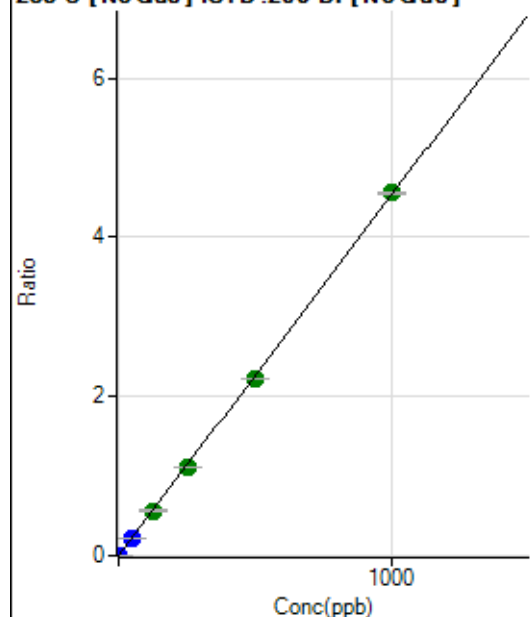
$$DL = 0.009741$$

$$BEC = 0.08236$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	20.0
2	☐	1.000	0.841	18347.79	0.0038	P	1.9
3	☐	50.000	47.218	986645.17	0.2140	P	2.0
4	☐	125.000	124.147	2584361.32	0.5627	A	2.1
5	☐	250.000	244.584	5060946.04	1.1086	A	1.3
6	☐	500.000	492.086	10058449.22	2.2304	A	0.2
7	☐	1000.000	1005.557	20351301.23	4.5578	A	0.8
8	☐			6349.54	0.0016	P	21.3

$$y = 0.0045 * x + 1.8309E-005$$

$$R = 0.9999$$

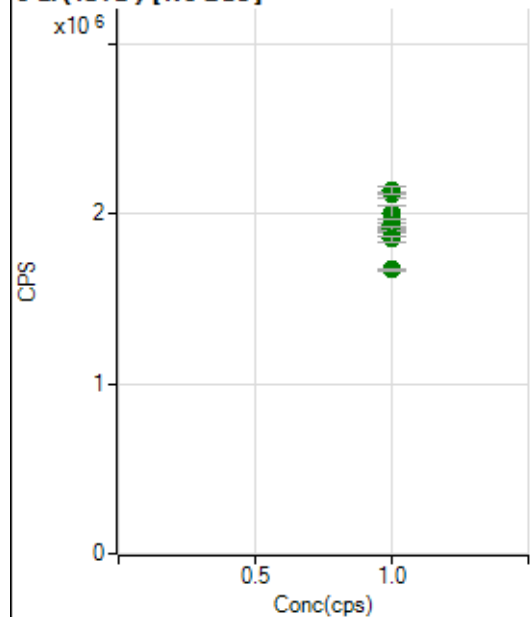
$$DL = 0.002419$$

$$BEC = 0.004039$$

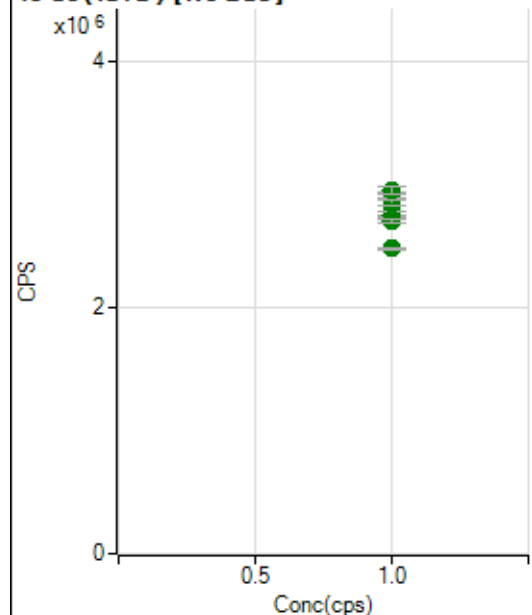
Weight: <None>

Min Conc: 0

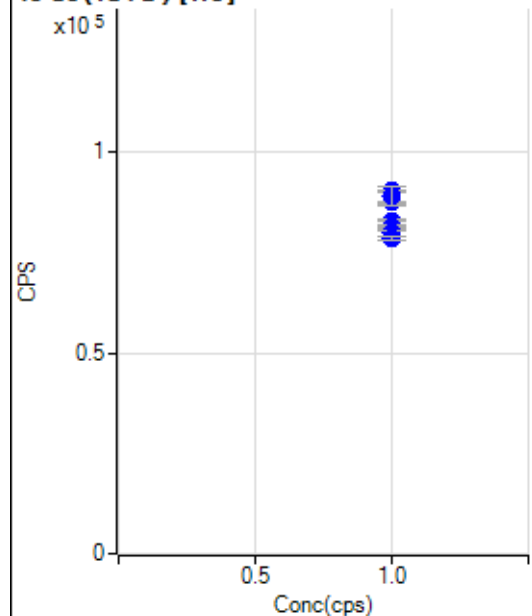
6 Li (ISTD) [No Gas]



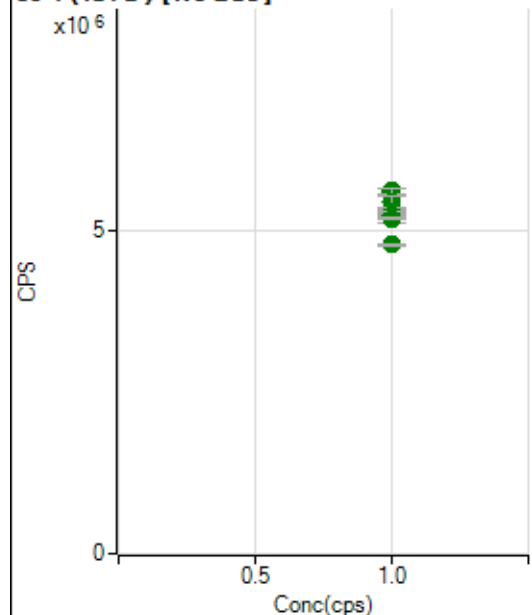
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2115049.11		A	1.5
2	☐	1.000		2137428.82		A	2.2
3	☐	1.000		2010533.68		A	4.3
4	☐	1.000		1927872.89		A	1.9
5	☐	1.000		1933513.94		A	4.2
6	☐	1.000		1915234.50		A	0.7
7	☐	1.000		1852870.27		A	1.9
8	☐	1.000		1672927.97		A	0.7

45 Sc (ISTD) [No Gas]

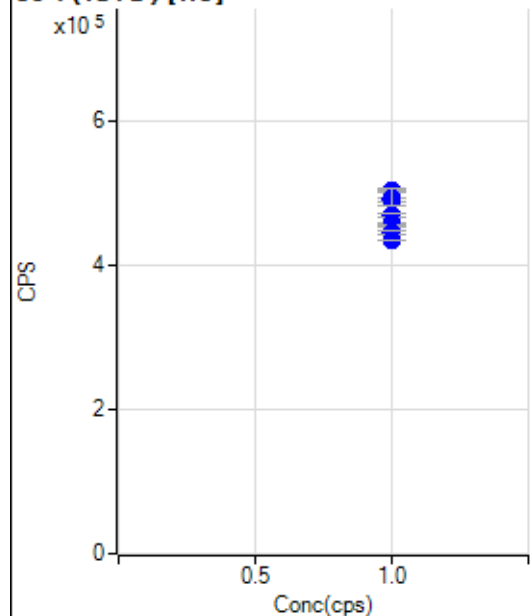
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2917853.85		A	1.3
2	☐	1.000		2948000.37		A	2.1
3	☐	1.000		2827217.63		A	3.0
4	☐	1.000		2784851.49		A	2.9
5	☐	1.000		2756384.51		A	2.0
6	☐	1.000		2725026.22		A	0.9
7	☐	1.000		2701270.13		A	1.1
8	☐	1.000		2479264.41		A	0.9

45 Sc (ISTD) [He]

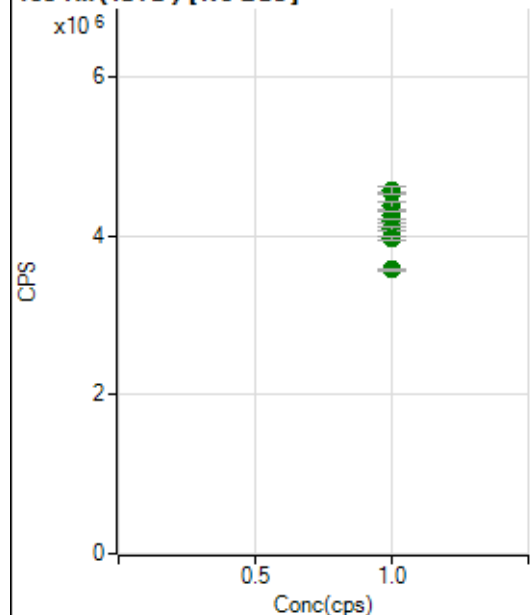
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		90278.26		P	0.9
2	☐	1.000		87405.26		P	0.7
3	☐	1.000		88975.67		P	5.7
4	☐	1.000		82994.01		P	1.0
5	☐	1.000		81435.98		P	1.1
6	☐	1.000		81487.40		P	0.7
7	☐	1.000		79717.74		P	2.0
8	☐	1.000		78638.44		P	1.2

89 Y (ISTD) [No Gas]

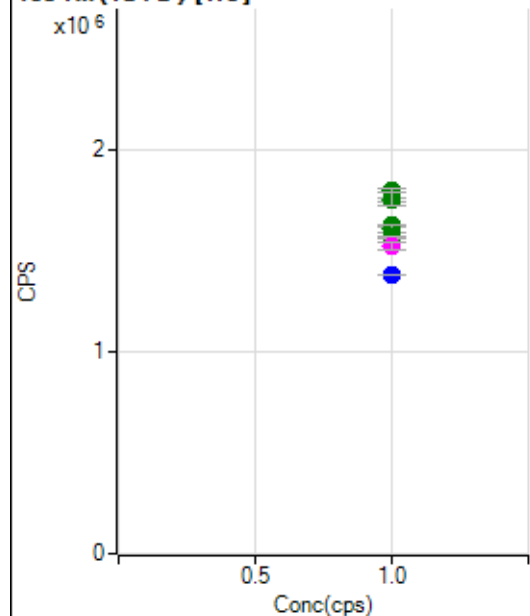
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5615674.64		A	1.5
2	☐	1.000		5605203.46		A	1.7
3	☐	1.000		5434176.38		A	4.1
4	☐	1.000		5294941.45		A	2.5
5	☐	1.000		5193869.05		A	2.5
6	☐	1.000		5232503.05		A	2.4
7	☐	1.000		5193227.56		A	0.3
8	☐	1.000		4784212.22		A	0.6

89 Y (ISTD) [He]

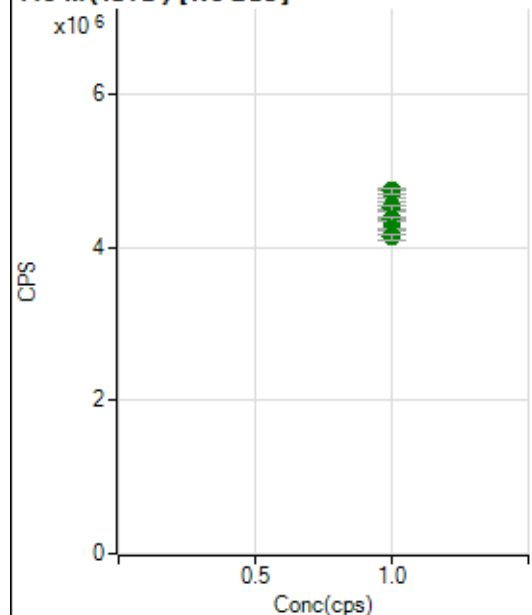
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		503694.80		P	0.6
2	☐	1.000		491301.96		P	1.2
3	☐	1.000		494365.61		P	5.0
4	☐	1.000		470247.81		P	0.9
5	☐	1.000		458462.20		P	0.2
6	☐	1.000		455459.05		P	1.0
7	☐	1.000		445319.55		P	1.1
8	☐	1.000		435184.94		P	0.4

103 Rh (ISTD) [No Gas]

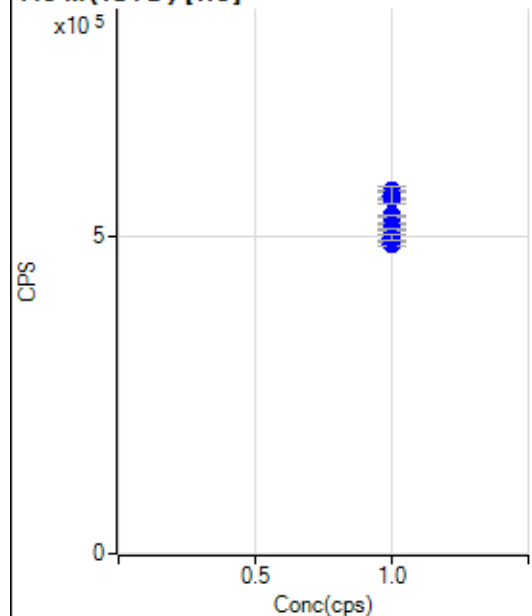
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4538007.92		A	0.9
2	☐	1.000		4564482.02		A	2.1
3	☐	1.000		4377703.55		A	2.7
4	☐	1.000		4267329.14		A	2.3
5	☐	1.000		4190600.60		A	1.1
6	☐	1.000		4091157.58		A	0.9
7	☐	1.000		3964562.75		A	1.5
8	☐	1.000		3571616.47		A	1.2

103 Rh (ISTD) [He]

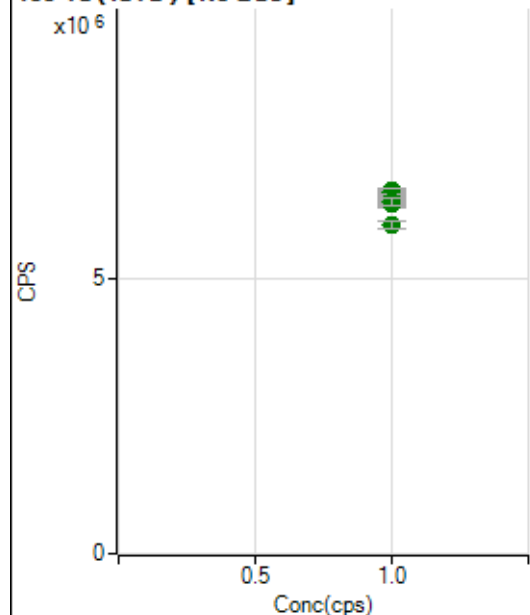
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1796839.90		A	1.1
2	☐	1.000		1750620.13		A	1.4
3	☐	1.000		1756050.79		A	4.0
4	☐	1.000		1625382.44		A	0.4
5	☐	1.000		1612294.42		A	2.3
6	☐	1.000		1568936.05		A	0.8
7	☐	1.000		1523600.06		M	2.4
8	☐	1.000		1381737.15		P	0.3

115 In (ISTD) [No Gas]

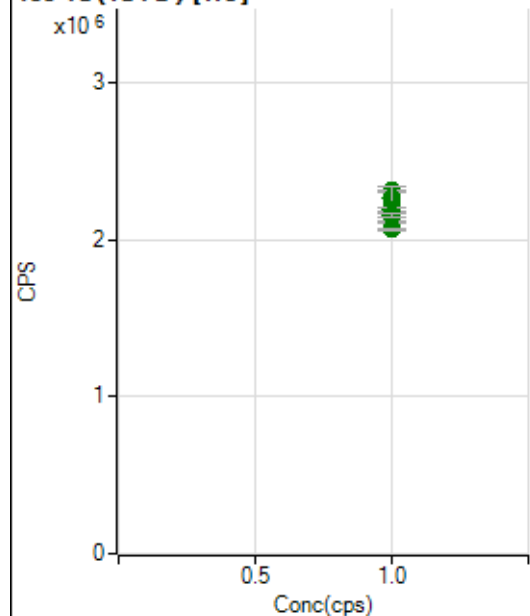
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4690764.11		A	2.2
2	☐	1.000		4738276.17		A	1.3
3	☐	1.000		4545508.72		A	2.5
4	☐	1.000		4515283.10		A	1.5
5	☐	1.000		4380745.94		A	1.0
6	☐	1.000		4372501.86		A	0.8
7	☐	1.000		4243998.00		A	0.6
8	☐	1.000		4134993.40		A	2.1

115 In (ISTD) [He]

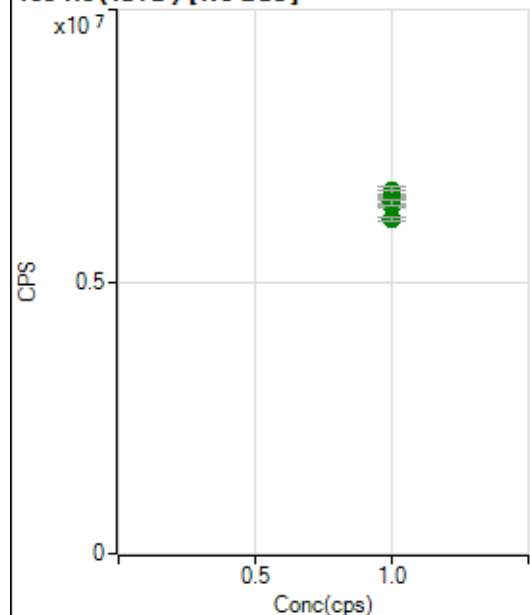
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		570264.24		P	0.5
2	☐	1.000		558057.23		P	0.6
3	☐	1.000		563498.12		P	4.4
4	☐	1.000		530512.74		P	1.0
5	☐	1.000		518313.52		P	0.5
6	☐	1.000		510437.92		P	0.6
7	☐	1.000		486639.30		P	0.8
8	☐	1.000		496876.50		P	1.6

159 Tb (ISTD) [No Gas]

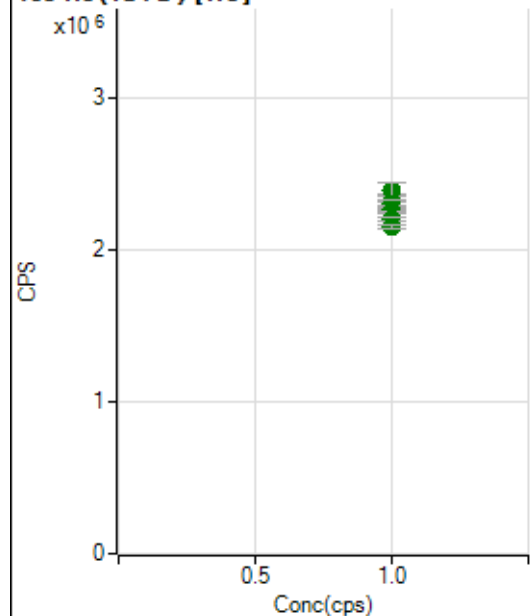
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6609574.28		A	0.3
2	☐	1.000		6580102.96		A	2.4
3	☐	1.000		6490111.64		A	2.4
4	☐	1.000		6381431.64		A	2.6
5	☐	1.000		6376880.32		A	1.7
6	☐	1.000		6375985.74		A	0.1
7	☐	1.000		6405523.52		A	1.8
8	☐	1.000		5984711.23		A	2.4

159 Tb (ISTD) [He]

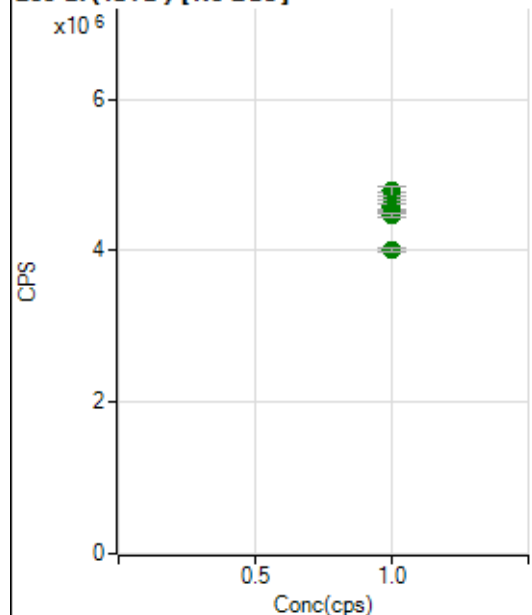
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2313700.10		A	0.4
2	☐	1.000		2207192.10		A	0.2
3	☐	1.000		2273290.35		A	5.9
4	☐	1.000		2193933.28		A	1.4
5	☐	1.000		2157952.47		A	0.7
6	☐	1.000		2110611.08		A	0.6
7	☐	1.000		2159936.95		A	0.9
8	☐	1.000		2070221.34		A	0.7

165 Ho (ISTD) [No Gas]

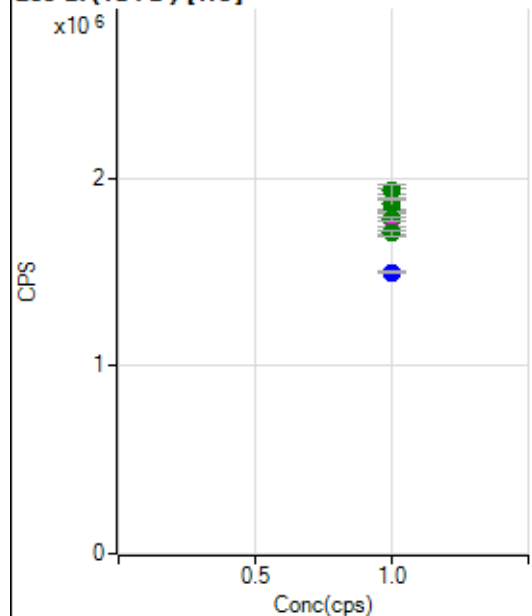
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6598444.62		A	0.9
2	☐	1.000		6668909.13		A	2.1
3	☐	1.000		6523180.39		A	4.6
4	☐	1.000		6482628.03		A	2.1
5	☐	1.000		6464286.64		A	0.9
6	☐	1.000		6399068.51		A	0.8
7	☐	1.000		6461121.36		A	1.8
8	☐	1.000		6150844.84		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2362559.25		A	0.4
2	☐	1.000		2289868.04		A	2.2
3	☐	1.000		2392060.45		A	4.8
4	☐	1.000		2308672.13		A	2.4
5	☐	1.000		2272824.70		A	1.7
6	☐	1.000		2251003.79		A	0.6
7	☐	1.000		2206587.38		A	1.0
8	☐	1.000		2157304.18		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4723209.23		A	2.5
2	☐	1.000		4788501.28		A	2.4
3	☐	1.000		4609681.08		A	2.6
4	☐	1.000		4594384.13		A	3.6
5	☐	1.000		4565868.58		A	2.1
6	☐	1.000		4509651.77		A	0.9
7	☐	1.000		4465480.97		A	1.3
8	☐	1.000		4010352.06		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1932818.24		A	1.4
2	☐	1.000		1861694.92		A	2.6
3	☐	1.000		1932984.85		A	3.8
4	☐	1.000		1818407.94		A	0.6
5	☐	1.000		1780885.04		A	1.2
6	☐	1.000		1723474.07		M	2.3
7	☐	1.000		1706223.65		A	1.3
8	☐	1.000		1500130.22		P	1.1