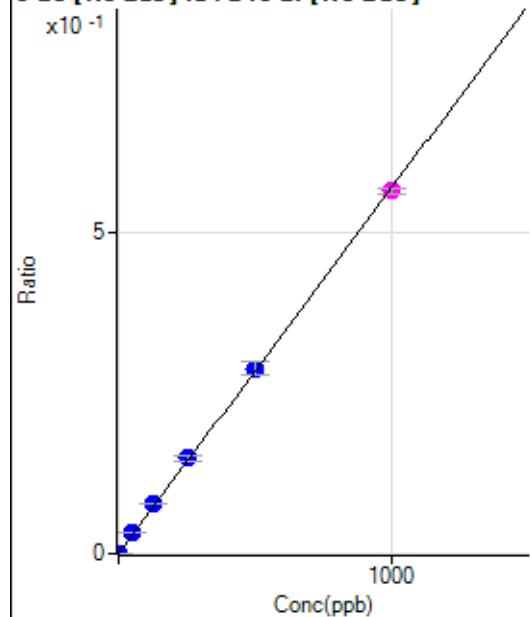


Calibration for 118SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7092824-MS2.b\
 Analysis File: P7092824-MS2.batch.bin
 DA Date-Time: 2024-09-29 13:32:22
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-09-28 14:33:06
2	005CALS.d	S02	2024-09-28 14:36:23
3	006CALS.d	S03	2024-09-28 14:39:41
4	007CALS.d	S04	2024-09-28 14:42:49
5	008CALS.d	S05	2024-09-28 14:45:48
6	009CALS.d	S06	2024-09-28 14:48:36
7	010CALS.d	S07	2024-09-28 14:51:25
8	011CALS.d	S08	2024-09-28 14:54:11

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.36	0.0000	P	42.9
2	☐	1.000	1.111	1348.71	0.0007	P	7.3
3	☐	50.000	55.876	66411.22	0.0319	P	2.2
4	☐	125.000	138.880	165089.36	0.0792	P	0.5
5	☐	250.000	260.298	320128.68	0.1485	P	6.0
6	☐	500.000	506.554	614064.60	0.2889	P	7.0
7	☐	1000.000	992.120	1168187.77	0.5658	M	1.3
8	☐			331.54	0.0002	P	4.7

$$y = 5.7027\text{E-}004 * x + 2.1307\text{E-}005$$

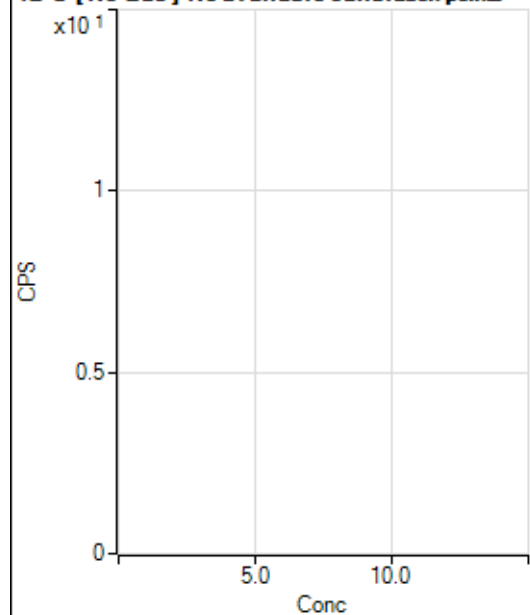
$$R = 0.9998$$

$$DL = 0.04812$$

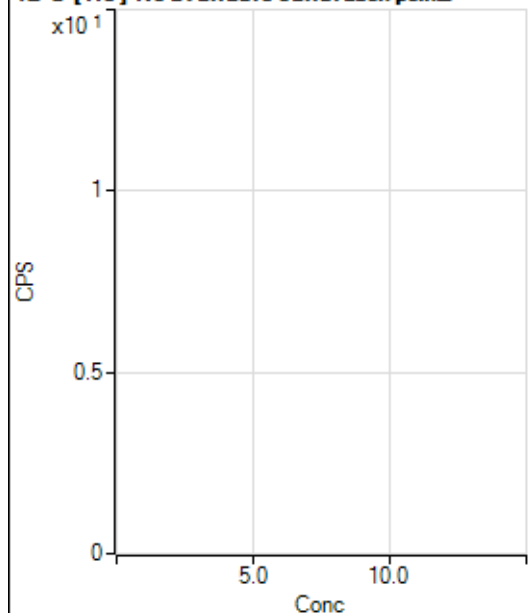
$$BEC = 0.03736$$

Weight: <None>

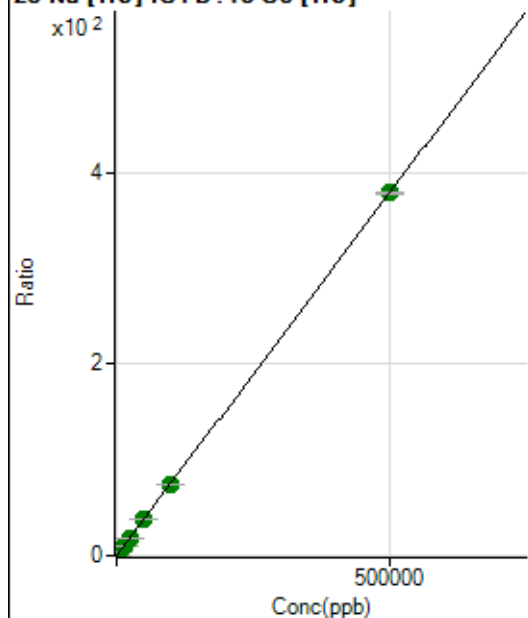
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8232.26	0.0149	P	6.1
2	☐	500.000	505.976	211774.10	0.3978	P	0.5
3	☐	5000.000	4745.703	1983103.37	3.6059	A	10.1
4	☐	12500.000	12559.189	4906397.11	9.5182	A	0.9
5	☐	25000.000	25052.600	9441069.03	18.9717	A	0.6
6	☐	50000.000	50115.263	18389248.61	37.9362	A	1.2
7	☐	100000.00	99275.237	37135810.84	75.1346	A	0.1
8	☐	500000.00	500131.85	186861046.1	378.4550	A	0.5

$$y = 7.5668\text{E-}004 * x + 0.0149$$

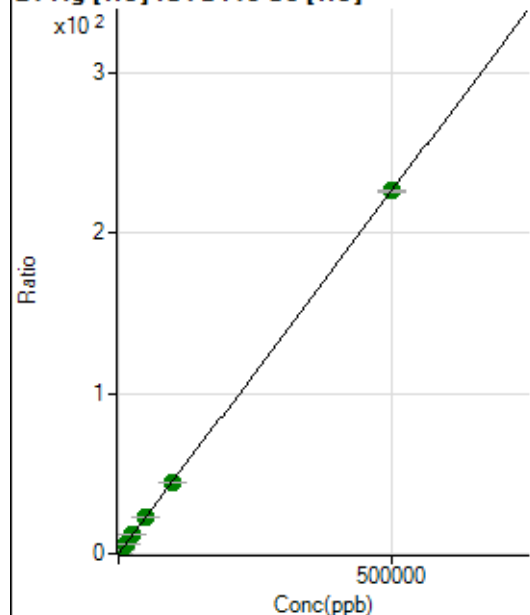
$$R = 1.0000$$

$$DL = 3.582$$

$$BEC = 19.72$$

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	442.23	0.0008	P	8.7
2	☐	500.000	540.721	130796.64	0.2457	P	1.0
3	☐	5000.000	4809.481	1197078.20	2.1789	A	11.8
4	☐	12500.000	12701.423	2965298.26	5.7529	A	0.7
5	☐	25000.000	25360.763	5715838.73	11.4860	A	0.4
6	☐	50000.000	50260.851	11034139.00	22.7625	A	0.9
7	☐	100000.00	99002.767	22160431.61	44.8363	A	0.7
8	☐	500000.00	500152.15	111836610.5	226.5054	A	0.4

$$y = 4.5287\text{E-}004 * x + 8.0209\text{E-}004$$

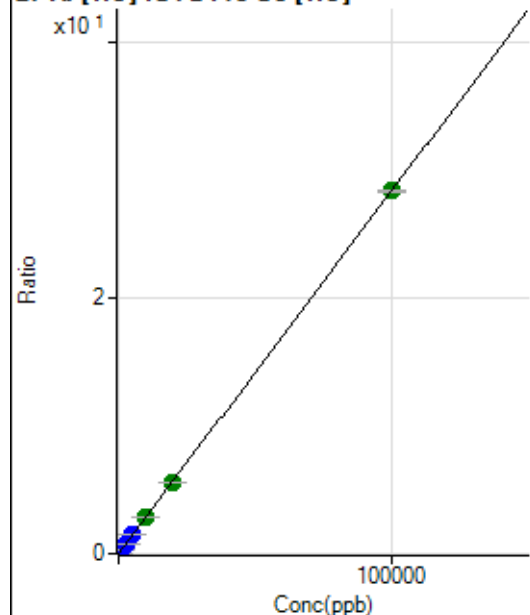
$$R = 1.0000$$

$$DL = 0.4605$$

$$BEC = 1.771$$

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	146.67	0.0003	P	19.4
2	☐	20.000	19.327	3060.33	0.0057	P	1.9
3	☐	1000.000	980.916	153165.30	0.2785	P	10.0
4	☐	2500.000	2586.479	378262.47	0.7339	P	0.7
5	☐	5000.000	5135.521	724971.37	1.4568	P	0.2
6	☐	10000.000	9957.358	1369098.94	2.8244	A	1.6
7	☐	20000.000	19791.609	2774613.02	5.6137	A	0.6
8	☐	100000.00	100037.19	14009281.32	28.3733	A	0.2

$$y = 2.8362\text{E-}004 * x + 2.6656\text{E-}004$$

$$R = 1.0000$$

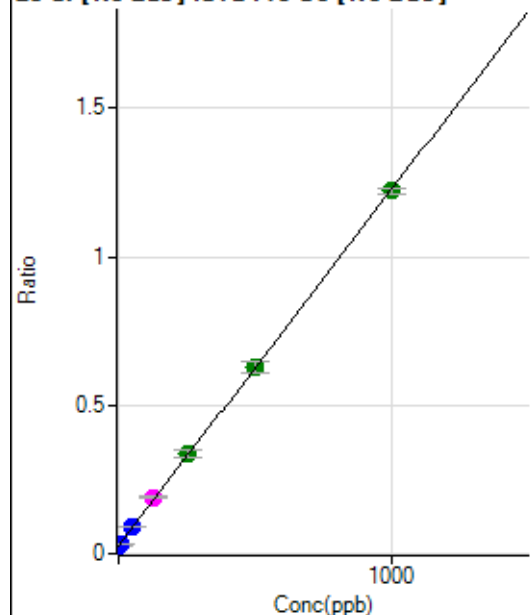
$$DL = 0.5483$$

$$BEC = 0.9398$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	171234.00	0.0264	P	3.7
2	☐	10.000	2.528	188898.85	0.0295	P	0.2
3	☐	50.000	53.192	578825.41	0.0903	P	4.3
4	☐	125.000	136.548	1183469.57	0.1903	M	1.3
5	☐	250.000	257.325	2069944.07	0.3352	A	6.8
6	☐	500.000	501.056	3722925.40	0.6276	A	6.6
7	☐	1000.000	996.112	7028848.02	1.2215	A	1.8
8	☐			189280.71	0.0322	P	2.7

$$y = 0.0012 * x + 0.0264$$

$$R = 0.9999$$

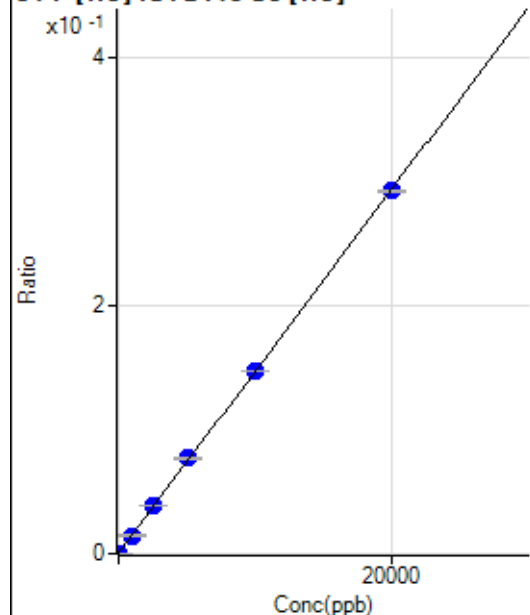
$$DL = 2.433$$

$$BEC = 22.04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-13.678	142.22	0.0003	P	7.4
2	☐	0.000	13.678	350.01	0.0007	P	5.7
3	☐	1000.000	973.718	8097.76	0.0147	P	8.3
4	☐	2500.000	2594.932	19806.22	0.0384	P	2.1
5	☐	5000.000	5230.889	38319.00	0.0770	P	1.3
6	☐	10000.000	10008.585	71217.87	0.1469	P	0.4
7	☐	20000.000	19927.433	144350.51	0.2921	P	0.6
8	☐			170.00	0.0003	P	17.6

$$y = 1.4633E-005 * x + 4.5725E-004$$

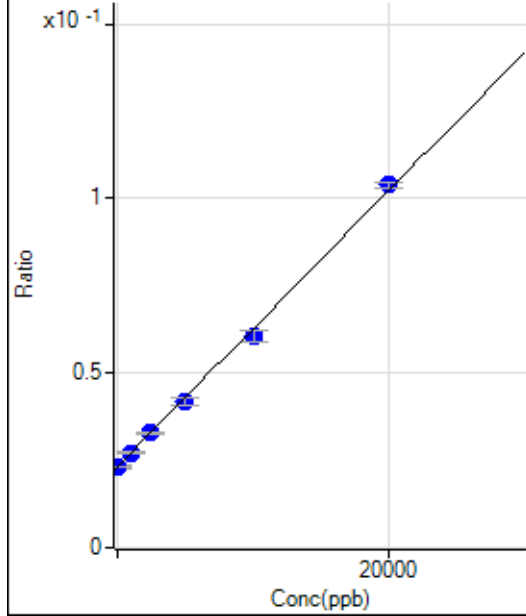
$$R = 0.9999$$

$$DL = 5.813$$

$$BEC = 31.25$$

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	8.948	150151.31	0.0232	P	3.8
2	☐	0.000	-8.948	148138.57	0.0231	P	0.8
3	☐	1000.000	991.921	173760.60	0.0271	P	2.7
4	☐	2500.000	2496.340	205585.72	0.0331	P	1.7
5	☐	5000.000	4696.521	258148.40	0.0418	P	5.8
6	☐	10000.000	9428.522	359333.30	0.0606	P	6.1
7	☐	20000.000	20362.470	598110.19	0.1039	P	1.6
8	☐			115024.10	0.0196	P	1.0

$$y = 3.9680\text{E-}006 * x + 0.0231$$

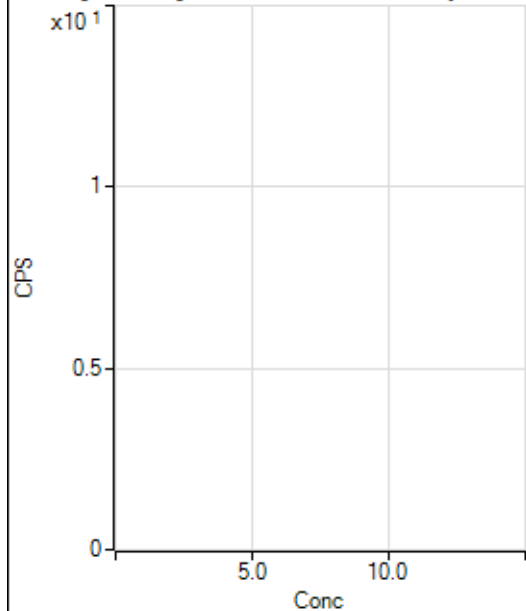
$$R = 0.9993$$

$$DL = 401.1$$

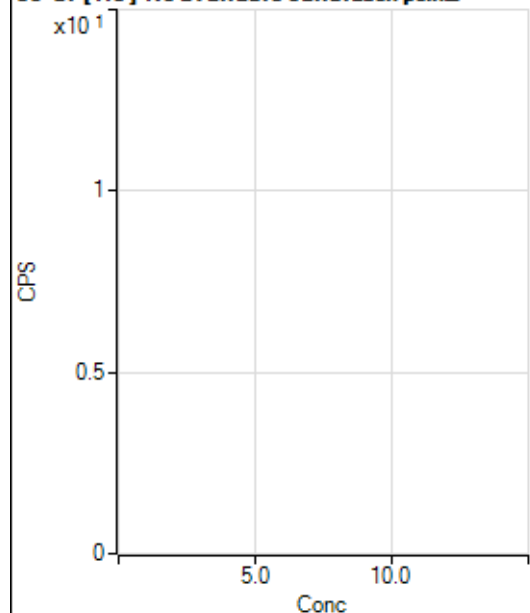
$$BEC = 5834$$

Weight: <None>

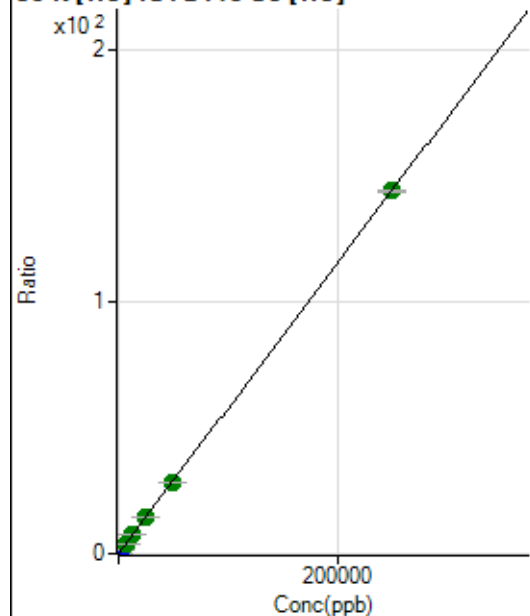
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	39327.34	0.0713	P	5.3
2	☐	500.000	528.387	199923.24	0.3755	P	0.5
3	☐	2500.000	2580.350	856591.61	1.5571	P	9.7
4	☐	6250.000	6337.780	1917887.70	3.7207	A	0.3
5	☐	12500.000	12567.137	3636640.57	7.3077	A	0.8
6	☐	25000.000	24862.900	6974637.60	14.3879	A	0.6
7	☐	50000.000	49179.191	14031741.87	28.3898	A	0.5
8	☐	250000.00	250171.46	71161691.16	144.1258	A	0.6

$$y = 5.7582E-004 * x + 0.0713$$

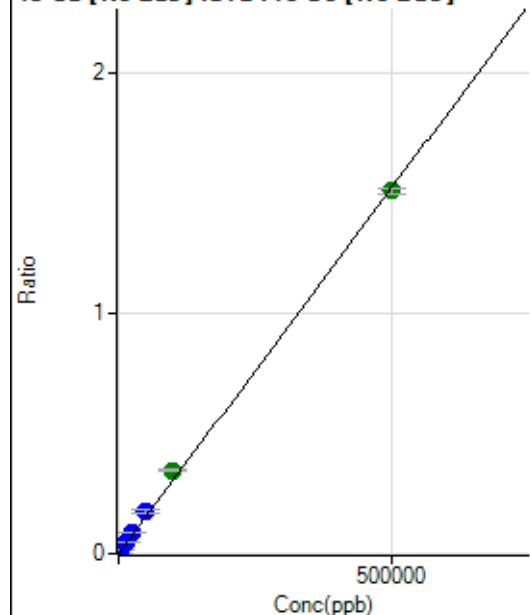
$$R = 1.0000$$

$$DL = 19.73$$

$$BEC = 123.7$$

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	484.46	0.0001	P	15.1
2	☐	500.000	518.637	10571.55	0.0016	P	1.0
3	☐	5000.000	5919.499	115736.76	0.0180	P	3.7
4	☐	12500.000	15006.369	283787.16	0.0456	P	2.2
5	☐	25000.000	28841.035	541200.76	0.0876	P	6.6
6	☐	50000.000	57378.477	1033465.89	0.1743	P	7.2
7	☐	100000.00	113766.27	1987513.06	0.3454	A	2.8
8	☐	500000.00	496244.97	8854048.13	1.5065	A	1.5

$$y = 3.0356\text{E-}006 * x + 7.4932\text{E-}005$$

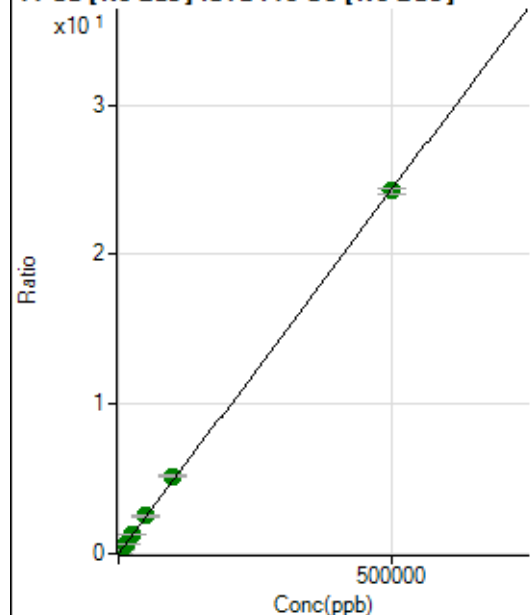
$$R = 0.9995$$

$$DL = 11.21$$

$$BEC = 24.68$$

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	9414.35	0.0015	P	3.2
2	☐	500.000	520.167	171571.68	0.0268	P	0.4
3	☐	5000.000	5379.791	1688900.69	0.2633	A	3.0
4	☐	12500.000	13462.136	4084193.31	0.6566	A	1.2
5	☐	25000.000	26188.772	7880643.70	1.2760	A	6.7
6	☐	50000.000	51702.797	14930297.69	2.5177	A	7.4
7	☐	100000.00	106200.10	29748181.78	5.1699	A	1.8
8	☐	500000.00	498502.38	142590406.7	24.2619	A	1.4

$$y = 4.8667\text{E-}005 * x + 0.0015$$

$$R = 0.9999$$

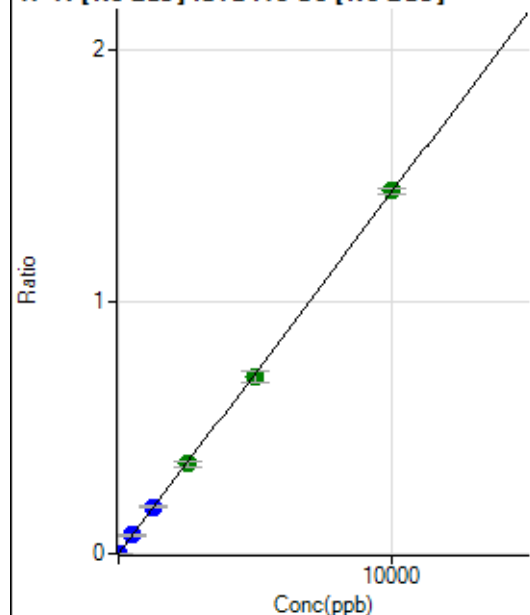
$$DL = 2.831$$

$$BEC = 29.86$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	96.67	0.0000	P	22.5
2	☐	5.000	4.892	4595.18	0.0007	P	0.8
3	☐	500.000	512.823	472081.76	0.0736	P	4.0
4	☐	1250.000	1302.137	1162293.12	0.1869	P	1.9
5	☐	2500.000	2479.881	2197829.85	0.3559	A	6.9
6	☐	5000.000	4899.012	4169070.94	0.7030	A	7.4
7	☐	10000.000	10048.366	8297668.56	1.4420	A	1.9
8	☐			2081.28	0.0004	P	8.7

$$y = 1.4350E-004 * x + 1.4868E-005$$

$$R = 0.9999$$

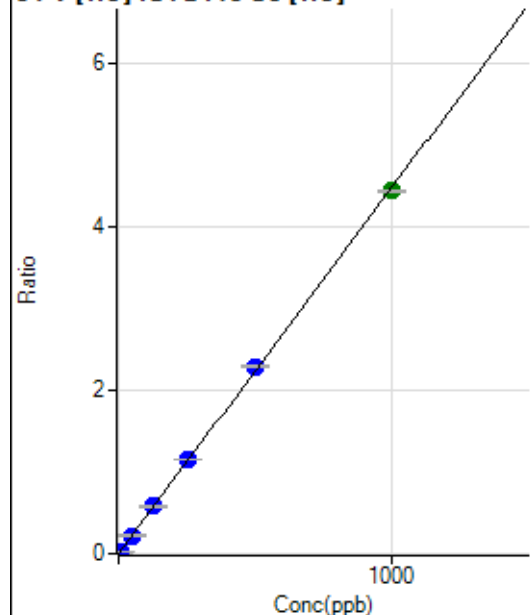
$$DL = 0.06992$$

$$BEC = 0.1036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.33	0.0000	P	69.9
2	☐	5.000	5.102	12188.35	0.0229	P	2.3
3	☐	50.000	49.114	121086.26	0.2202	P	10.3
4	☐	125.000	129.304	298771.79	0.5797	P	1.1
5	☐	250.000	256.353	571881.69	1.1492	P	0.6
6	☐	500.000	511.879	1112350.13	2.2946	P	0.4
7	☐	1000.000	991.978	2197863.46	4.4468	A	0.6
8	☐			451.13	0.0009	P	9.7

$$y = 0.0045 * x + 2.4448E-005$$

$$R = 0.9999$$

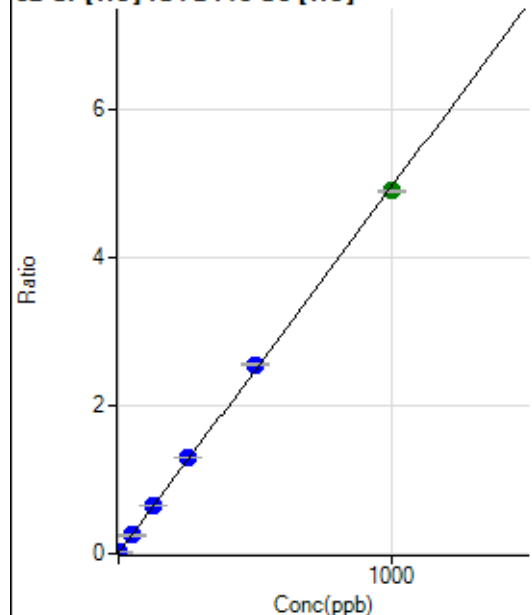
$$DL = 0.01143$$

$$BEC = 0.005454$$

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	3214.82	0.0058	P	7.4
2	☐	2.000	2.098	8621.43	0.0162	P	2.5
3	☐	50.000	50.003	139034.74	0.2529	P	10.6
4	☐	125.000	130.829	336188.44	0.6522	P	0.8
5	☐	250.000	259.761	641600.73	1.2893	P	0.4
6	☐	500.000	515.632	1237839.23	2.5535	P	0.3
7	☐	1000.000	989.015	2418152.53	4.8925	A	0.7
8	☐			11335.75	0.0230	P	0.4

$$y = 0.0049 * x + 0.0058$$

$$R = 0.9997$$

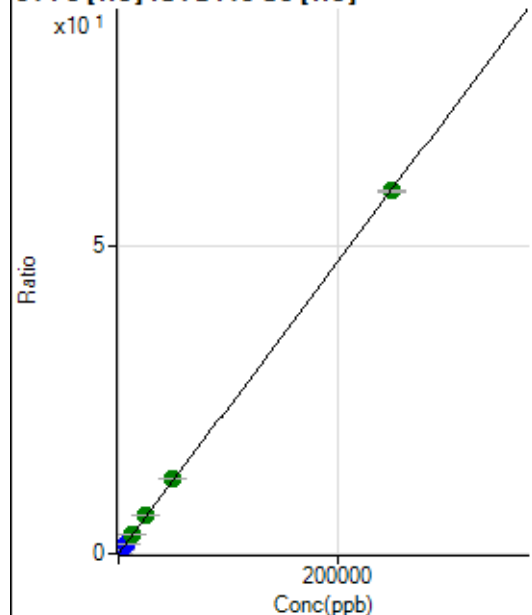
$$DL = 0.2609$$

$$BEC = 1.18$$

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	1772.35	0.0032	P	6.9
2	☐	50.000	57.033	8877.13	0.0167	P	0.4
3	☐	2500.000	2682.778	349957.00	0.6364	P	10.3
4	☐	6250.000	7042.119	858386.11	1.6653	P	0.3
5	☐	12500.000	13458.428	1582313.66	3.1797	A	1.1
6	☐	25000.000	26499.528	3033456.97	6.2576	A	0.2
7	☐	50000.000	51742.165	6037522.34	12.2154	A	0.4
8	☐	250000.00	249432.06	29069004.01	58.8743	A	0.8

$$y = 2.3602E-004 * x + 0.0032$$

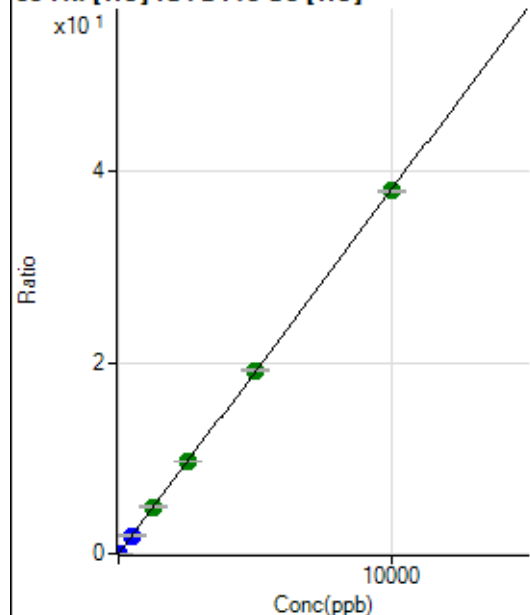
$$R = 1.0000$$

$$DL = 2.817$$

$$BEC = 13.61$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1161.17	0.0021	P	7.4
2	☐	1.000	1.038	3227.04	0.0061	P	1.5
3	☐	500.000	495.317	1039227.08	1.8894	P	10.0
4	☐	1250.000	1284.927	2524437.95	4.8979	A	1.9
5	☐	2500.000	2539.372	4815952.29	9.6776	A	0.5
6	☐	5000.000	5040.715	9311092.08	19.2081	A	0.8
7	☐	10000.000	9965.668	18768426.11	37.9731	A	0.4
8	☐			9604.26	0.0195	P	3.4

$$y = 0.0038 * x + 0.0021$$

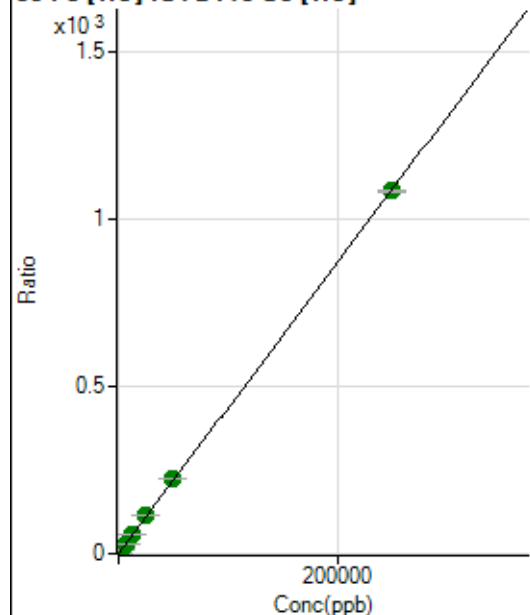
$$R = 1.0000$$

$$DL = 0.1228$$

$$BEC = 0.5525$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18875.27	0.0342	P	5.0
2	☐	50.000	54.495	144141.83	0.2707	P	0.4
3	☐	2500.000	2508.672	6007329.56	10.9237	A	10.2
4	☐	6250.000	6608.232	14802988.53	28.7189	A	0.6
5	☐	12500.000	13161.921	28448473.74	57.1668	A	0.3
6	☐	25000.000	26070.405	54874051.41	113.1993	A	0.3
7	☐	50000.000	51132.898	109718855.0	221.9894	A	0.6
8	☐	250000.00	249624.24	535019316.4	1,083.591	A	0.6

$$y = 0.0043 * x + 0.0342$$

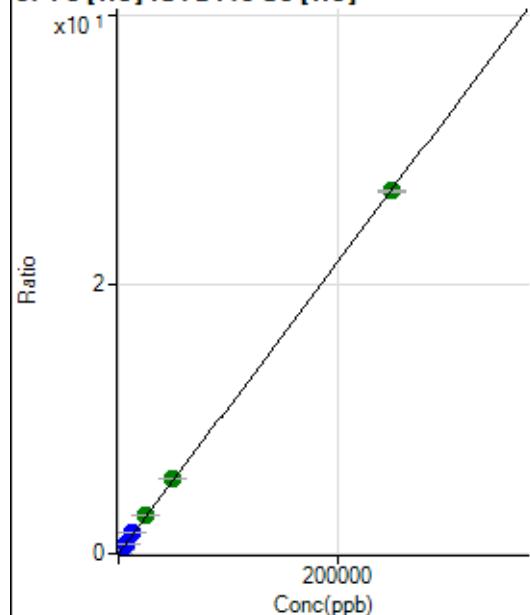
$$R = 1.0000$$

$$DL = 1.183$$

$$BEC = 7.878$$

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	1241.17	0.0022	P	4.7
2	☐	50.000	57.563	4507.38	0.0085	P	1.6
3	☐	2500.000	2666.527	159650.80	0.2904	P	10.7
4	☐	6250.000	6995.111	390796.75	0.7582	P	0.8
5	☐	12500.000	13895.352	748390.08	1.5039	P	0.3
6	☐	25000.000	26068.601	1366654.69	2.8194	A	1.7
7	☐	50000.000	51508.948	2752320.06	5.5687	A	0.9
8	☐	250000.00	249501.28	13314021.05	26.9652	A	0.4

$$y = 1.0807\text{E-}004 * x + 0.0022$$

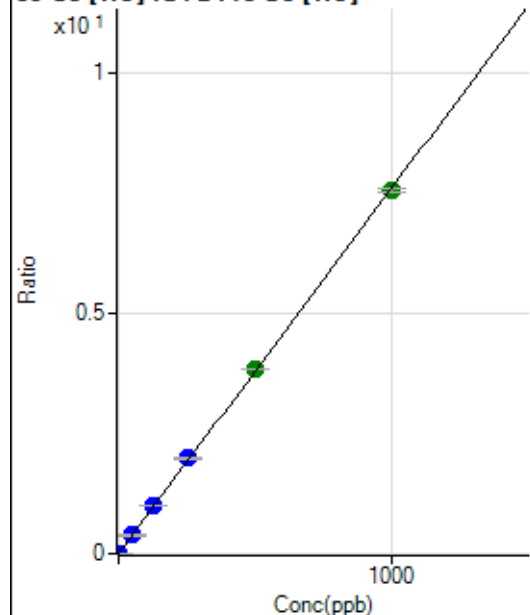
$$R = 1.0000$$

$$DL = 2.93$$

$$BEC = 20.78$$

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	147.78	0.0003	P	9.0
2	☐	1.000	1.090	4559.62	0.0086	P	1.8
3	☐	50.000	50.011	209526.49	0.3810	P	10.2
4	☐	125.000	131.018	514276.11	0.9977	P	0.4
5	☐	250.000	260.894	988506.87	1.9864	P	0.6
6	☐	500.000	506.588	1869601.52	3.8568	A	0.5
7	☐	1000.000	993.230	3737305.64	7.5615	A	1.0
8	☐			10044.56	0.0203	P	2.5

$$y = 0.0076 * x + 2.6791\text{E-}004$$

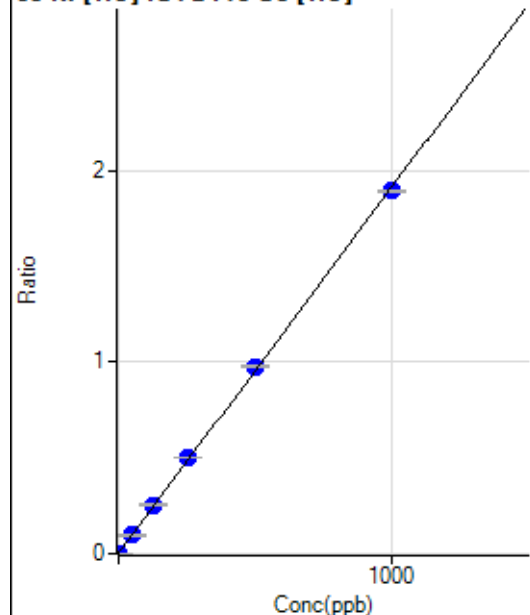
$$R = 0.9999$$

$$DL = 0.009503$$

$$BEC = 0.03519$$

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	824.47	0.0015	P	3.1
2	☐	1.000	1.148	1961.26	0.0037	P	0.1
3	☐	50.000	50.469	53810.54	0.0979	P	10.4
4	☐	125.000	133.220	131889.00	0.2559	P	0.4
5	☐	250.000	262.315	249988.18	0.5024	P	0.6
6	☐	500.000	509.986	472742.25	0.9753	P	1.3
7	☐	1000.000	990.877	935848.61	1.8935	P	0.7
8	☐			4338.45	0.0088	P	1.3

$$y = 0.0019 * x + 0.0015$$

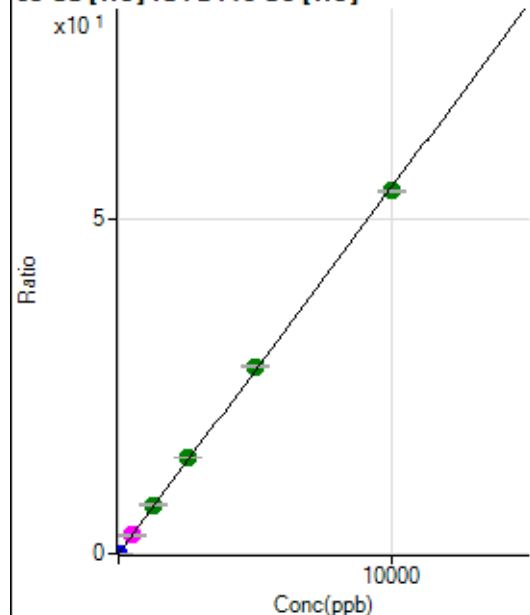
$$R = 0.9998$$

$$DL = 0.07354$$

$$BEC = 0.7814$$

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	743.36	0.0013	P	2.5
2	☐	2.000	2.022	6601.51	0.0124	P	1.9
3	☐	500.000	507.995	1527509.72	2.7789	M	10.9
4	☐	1250.000	1334.879	3762695.25	7.2999	A	0.8
5	☐	2500.000	2614.661	7114968.51	14.2973	A	0.9
6	☐	5000.000	5111.582	13548338.69	27.9494	A	1.0
7	☐	10000.000	9904.534	26766660.43	54.1554	A	0.3
8	☐			5448.83	0.0110	P	6.2

$$y = 0.0055 * x + 0.0013$$

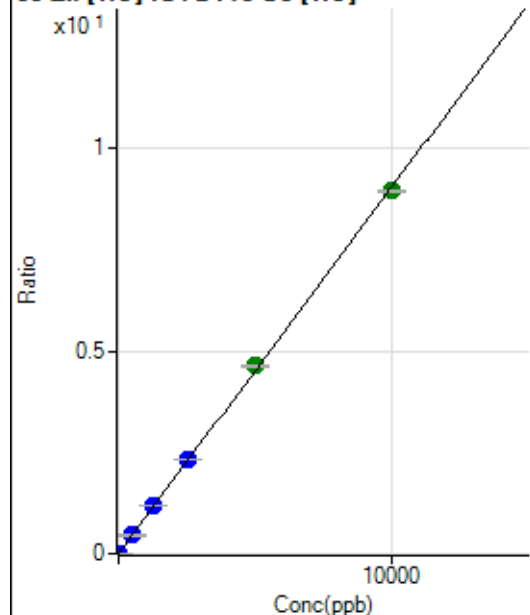
$$R = 0.9998$$

$$DL = 0.01821$$

$$BEC = 0.246$$

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	753.36	0.0014	P	5.5
2	☐	5.000	4.928	3099.24	0.0058	P	2.6
3	☐	500.000	497.864	248320.03	0.4516	P	10.3
4	☐	1250.000	1305.811	609336.61	1.1822	P	0.9
5	☐	2500.000	2593.969	1167979.94	2.3470	P	0.3
6	☐	5000.000	5126.121	2247679.64	4.6368	A	1.2
7	☐	10000.000	9906.578	4428395.56	8.9597	A	0.2
8	☐			2137.96	0.0043	P	6.5

$$y = 9.0428\text{E-}004 * x + 0.0014$$

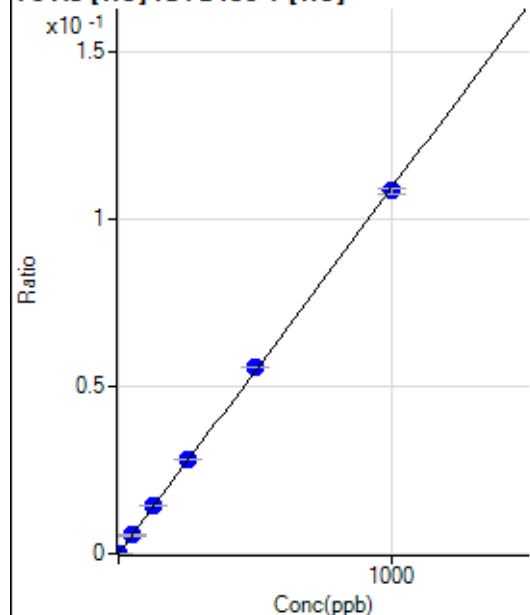
$$R = 0.9998$$

$$DL = 0.2476$$

$$BEC = 1.509$$

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	6.67	0.0000	P	51.1
2	☐	1.000	1.045	366.68	0.0001	P	9.8
3	☐	50.000	50.232	17861.93	0.0055	P	10.4
4	☐	125.000	130.164	44075.25	0.0142	P	0.8
5	☐	250.000	259.690	85351.12	0.0284	P	0.3
6	☐	500.000	508.415	164851.28	0.0556	P	0.3
7	☐	1000.000	992.713	329935.84	0.1085	P	1.4
8	☐			178.89	0.0001	P	10.7

$$y = 1.0930\text{E-}004 * x + 2.0354\text{E-}006$$

$$R = 0.9999$$

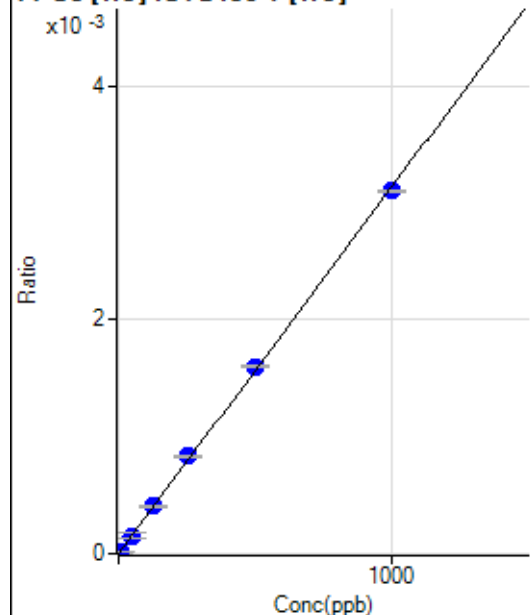
$$DL = 0.02853$$

$$BEC = 0.01862$$

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	☐	5.000	5.745	57.78	0.0000	P	23.5
3	☐	50.000	49.654	503.35	0.0002	P	22.3
4	☐	125.000	128.593	1247.85	0.0004	P	3.6
5	☐	250.000	265.009	2494.68	0.0008	P	3.9
6	☐	500.000	511.077	4746.35	0.0016	P	1.0
7	☐	1000.000	990.274	9426.40	0.0031	P	0.6
8	☐			2.22	0.0000	P	86.6

$$y = 3.1298\text{E-}006 * x + 3.4732\text{E-}007$$

$$R = 0.9998$$

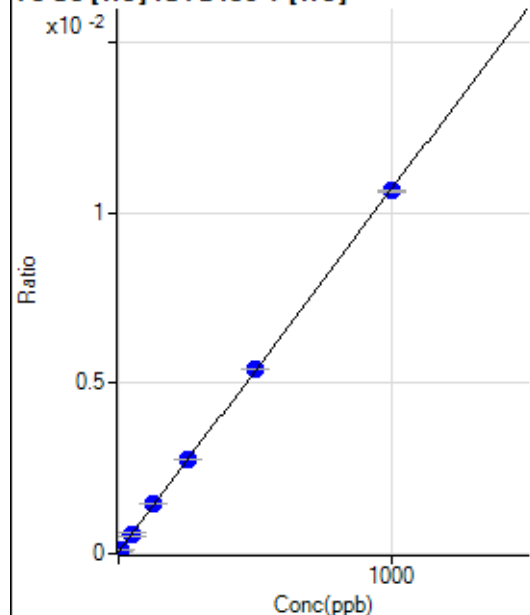
$$DL = 0.5766$$

$$BEC = 0.111$$

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	164.45	0.0001	P	6.6
2	☐	5.000	4.875	322.23	0.0001	P	6.4
3	☐	50.000	49.435	1871.25	0.0006	P	14.6
4	☐	125.000	131.473	4487.39	0.0014	P	0.4
5	☐	250.000	257.071	8372.42	0.0028	P	0.4
6	☐	500.000	504.075	16053.25	0.0054	P	0.6
7	☐	1000.000	995.415	32347.55	0.0106	P	0.9
8	☐			151.11	0.0001	P	31.4

$$y = 1.0636\text{E-}005 * x + 5.0321\text{E-}005$$

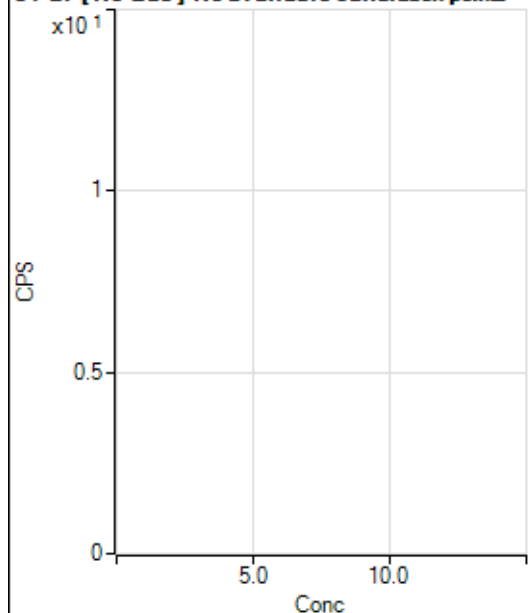
$$R = 0.9999$$

$$DL = 0.938$$

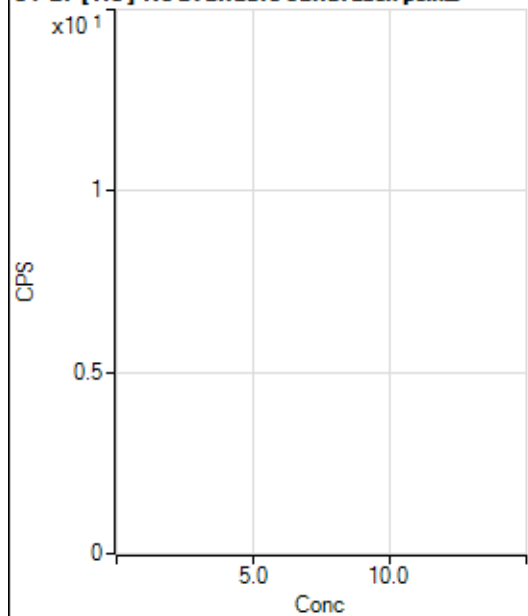
$$BEC = 4.731$$

Weight: <None>

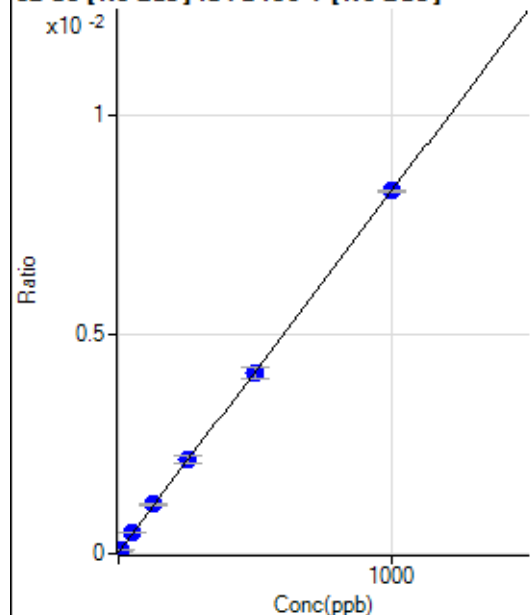
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8661.51		P	1.3
2	☐			8514.75		P	1.3
3	☐			8133.42		P	1.7
4	☐			8201.24		P	1.8
5	☐			7718.75		P	2.8
6	☐			7439.72		P	0.6
7	☐			7407.48		P	2.0
8	☐			8665.95		P	1.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	15.6
2	☐			33.33		P	50.0
3	☐			38.89		P	26.2
4	☐			53.34		P	10.8
5	☐			55.55		P	12.5
6	☐			44.44		P	18.9
7	☐			47.78		P	46.5
8	☐			66.67		P	5.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	530.18	0.0000	P	5.1
2	☐	5.000	5.596	1137.14	0.0001	P	1.3
3	☐	50.000	53.356	6382.03	0.0005	P	2.4
4	☐	125.000	131.670	14777.46	0.0011	P	2.0
5	☐	250.000	256.776	28453.88	0.0021	P	6.6
6	☐	500.000	494.605	53660.87	0.0041	P	6.7
7	☐	1000.000	999.999	104650.43	0.0083	P	0.5
8	☐			657.43	0.0001	P	3.5

$$y = 8.2182\text{E-}006 * x + 3.9720\text{E-}005$$

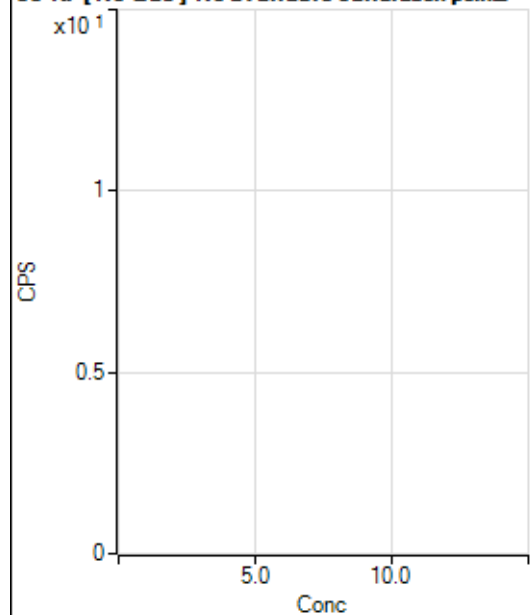
$$R = 0.9999$$

$$DL = 0.7465$$

$$BEC = 4.833$$

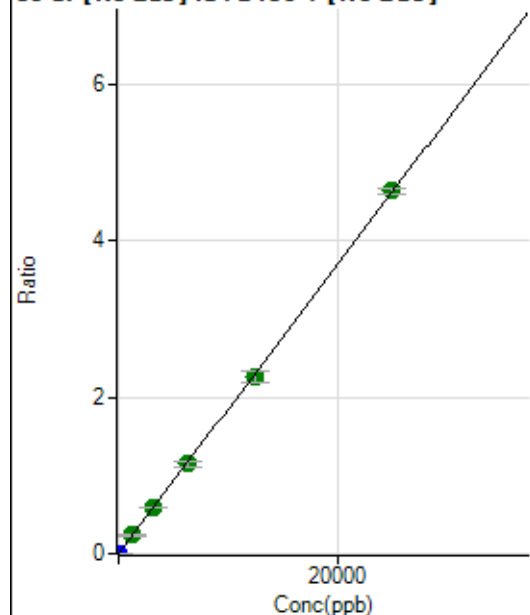
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			134.45		P	13.7
2	☐			152.23		P	6.7
3	☐			140.00		P	12.4
4	☐			133.34		P	0.0
5	☐			126.67		P	20.6
6	☐			108.89		P	11.6
7	☐			132.22		P	15.4
8	☐			150.00		P	6.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	231.12	0.0000	P	6.1
2	☐	1.000	1.042	2776.95	0.0002	P	5.1
3	☐	1250.000	1272.769	3132362.17	0.2347	A	3.0
4	☐	3125.000	3228.042	7841719.61	0.5953	A	1.5
5	☐	6250.000	6198.804	15127968.80	1.1431	A	6.7
6	☐	12500.000	12238.362	29497763.73	2.2567	A	7.2
7	☐	25000.000	25129.599	58723900.79	4.6339	A	1.3
8	☐			10572.76	0.0009	P	7.7

$$y = 1.8440\text{E-}004 * x + 1.7286\text{E-}005$$

$$R = 0.9999$$

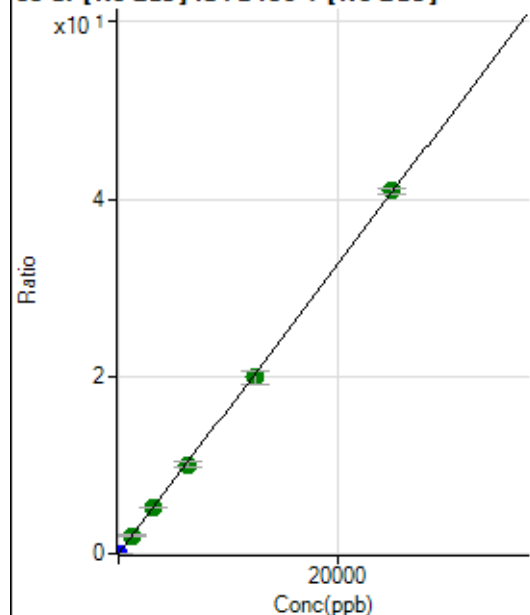
$$DL = 0.01712$$

$$BEC = 0.09375$$

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	294.45	0.0000	P	9.6
2	☐	1.000	0.993	21725.01	0.0016	P	1.0
3	☐	1250.000	1264.960	27471897.37	2.0583	A	1.7
4	☐	3125.000	3218.689	68991986.75	5.2372	A	1.5
5	☐	6250.000	6193.819	133386865.7	10.0781	A	6.5
6	☐	12500.000	12218.192	259868205.0	19.8804	A	7.1
7	☐	25000.000	25142.490	518437401.1	40.9098	A	1.3
8	☐			92198.40	0.0076	P	8.1

$$y = 0.0016 * x + 2.2068\text{E-}005$$

$$R = 0.9999$$

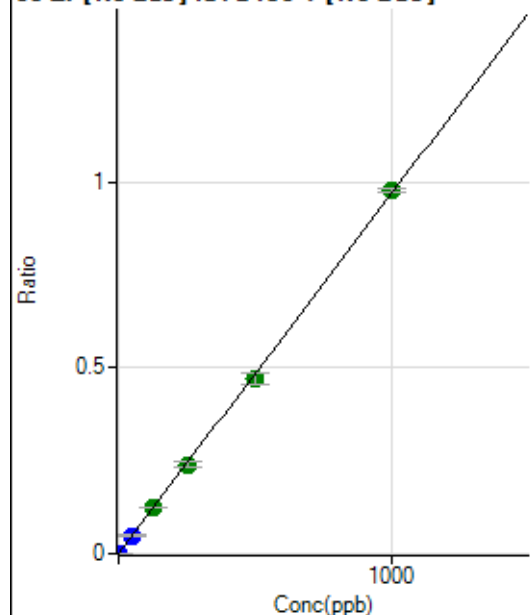
$$DL = 0.003926$$

$$BEC = 0.01356$$

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	668.91	0.0001	P	1.0
2	☐	1.000	0.958	12975.79	0.0010	P	0.7
3	☐	50.000	50.256	650531.97	0.0488	P	3.2
4	☐	125.000	128.013	1634932.04	0.1241	A	1.1
5	☐	250.000	247.663	3177724.08	0.2400	A	5.9
6	☐	500.000	485.209	6147162.62	0.4702	A	7.0
7	☐	1000.000	1007.590	12374557.32	0.9765	A	1.2
8	☐			8042.28	0.0007	P	6.2

$$y = 9.6906\text{E-}004 * x + 5.0048\text{E-}005$$

$$R = 0.9998$$

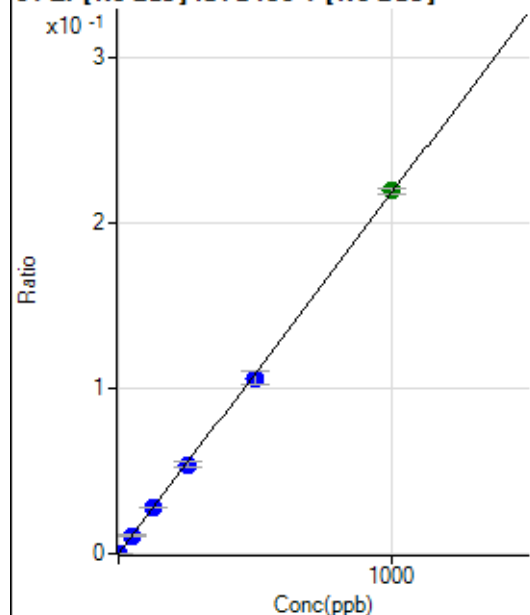
$$DL = 0.001558$$

$$BEC = 0.05165$$

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	136.67	0.0000	P	17.2
2	☐	1.000	0.989	2988.11	0.0002	P	7.6
3	☐	50.000	50.088	145578.91	0.0109	P	3.2
4	☐	125.000	127.752	366348.67	0.0278	P	1.5
5	☐	250.000	247.201	712066.05	0.0538	P	6.6
6	☐	500.000	487.732	1387232.22	0.1061	P	7.5
7	☐	1000.000	1006.485	2775617.04	0.2190	A	1.6
8	☐			1813.47	0.0001	P	4.7

$$y = 2.1760\text{E-}004 * x + 1.0182\text{E-}005$$

$$R = 0.9999$$

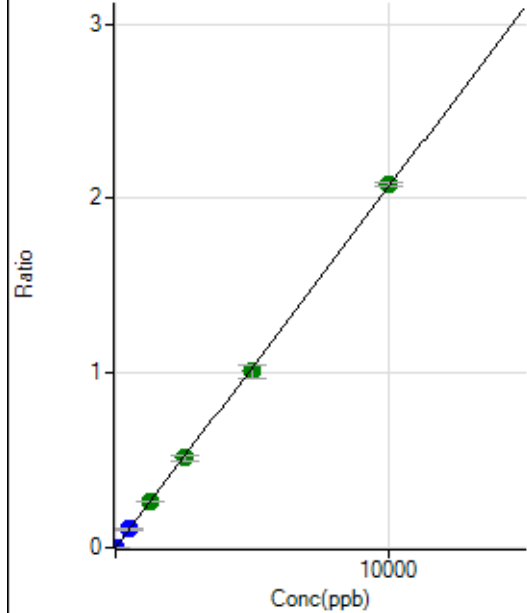
$$DL = 0.02419$$

$$BEC = 0.04679$$

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	380.01	0.0000	P	18.1
2	☐	5.000	5.507	15484.93	0.0012	P	0.6
3	☐	500.000	506.925	1399176.40	0.1048	P	2.5
4	☐	1250.000	1280.168	3487350.47	0.2647	A	1.4
5	☐	2500.000	2487.428	6808522.68	0.5143	A	6.0
6	☐	5000.000	4889.061	13212797.72	1.0109	A	7.3
7	☐	10000.000	10054.495	26345842.11	2.0789	A	1.2
8	☐			8365.80	0.0007	P	4.4

$$y = 2.0676\text{E-}004 * x + 2.8437\text{E-}005$$

$$R = 0.9999$$

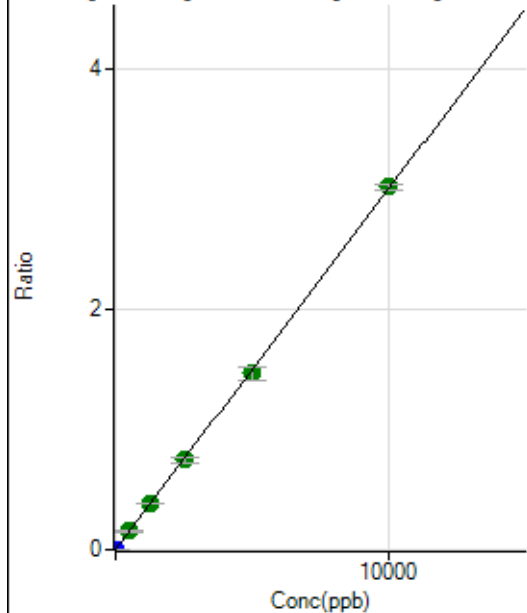
$$DL = 0.07464$$

$$BEC = 0.1375$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	271.12	0.0000	P	6.6
2	☐	5.000	4.744	19157.08	0.0014	P	1.2
3	☐	500.000	506.680	2029515.40	0.1521	A	2.4
4	☐	1250.000	1279.239	5057342.04	0.3839	A	1.9
5	☐	2500.000	2491.481	9897969.99	0.7477	A	5.9
6	☐	5000.000	4889.147	19178638.05	1.4672	A	7.1
7	☐	10000.000	10053.568	38233836.38	3.0170	A	1.4
8	☐			9047.32	0.0007	P	5.0

$$y = 3.0009\text{E-}004 * x + 2.0251\text{E-}005$$

$$R = 0.9999$$

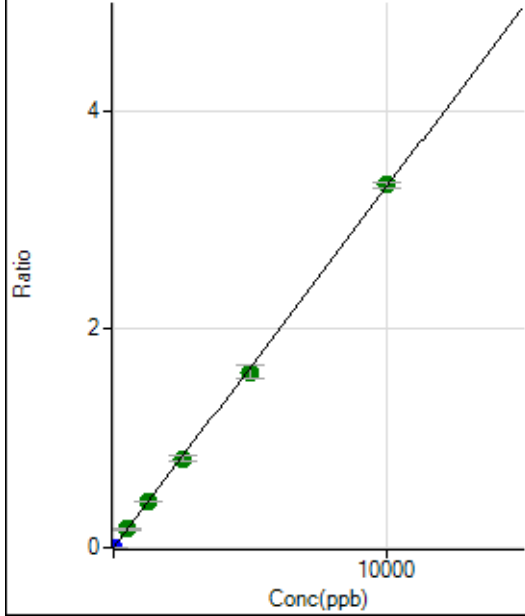
$$DL = 0.01333$$

$$BEC = 0.06748$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	371.12	0.0000	P	10.7
2	☐	5.000	4.750	21138.73	0.0016	P	1.3
3	☐	500.000	508.076	2235363.61	0.1675	A	2.1
4	☐	1250.000	1279.264	5555078.95	0.4217	A	1.2
5	☐	2500.000	2479.712	10818051.65	0.8173	A	6.4
6	☐	5000.000	4872.133	20987385.94	1.6059	A	7.5
7	☐	10000.000	10064.944	42040366.60	3.3174	A	1.3
8	☐			17666.34	0.0014	P	5.1

$$y = 3.2960\text{E-}004 * x + 2.7836\text{E-}005$$

$$R = 0.9999$$

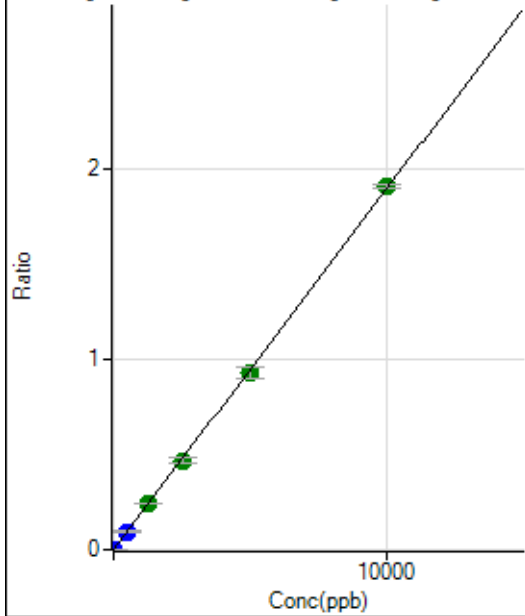
$$DL = 0.0272$$

$$BEC = 0.08446$$

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	221.11	0.0000	P	8.0
2	☐	5.000	4.804	12271.91	0.0009	P	0.5
3	☐	500.000	503.806	1271504.98	0.0953	P	3.6
4	☐	1250.000	1283.764	3198507.21	0.2428	A	1.1
5	☐	2500.000	2460.429	6158608.31	0.4653	A	6.5
6	☐	5000.000	4888.809	12086266.90	0.9245	A	6.9
7	☐	10000.000	10061.077	24112154.92	1.9027	A	1.0
8	☐			5712.29	0.0005	P	8.2

$$y = 1.8911\text{E-}004 * x + 1.6517\text{E-}005$$

$$R = 0.9999$$

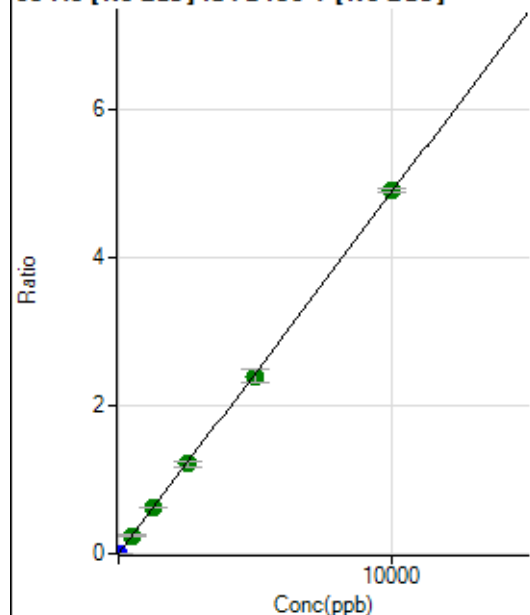
$$DL = 0.02092$$

$$BEC = 0.08734$$

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	452.23	0.0000	P	19.9
2	☐	5.000	4.712	30947.18	0.0023	P	2.1
3	☐	500.000	505.478	3291171.30	0.2466	A	3.5
4	☐	1250.000	1273.149	8183425.15	0.6212	A	1.2
5	☐	2500.000	2479.667	16013459.07	1.2098	A	6.3
6	☐	5000.000	4915.540	31338130.64	2.3983	A	7.9
7	☐	10000.000	10044.146	62101430.74	4.9004	A	1.1
8	☐			14074.70	0.0012	P	10.3

$$y = 4.8789\text{E-}004 * x + 3.3933\text{E-}005$$

$$R = 0.9999$$

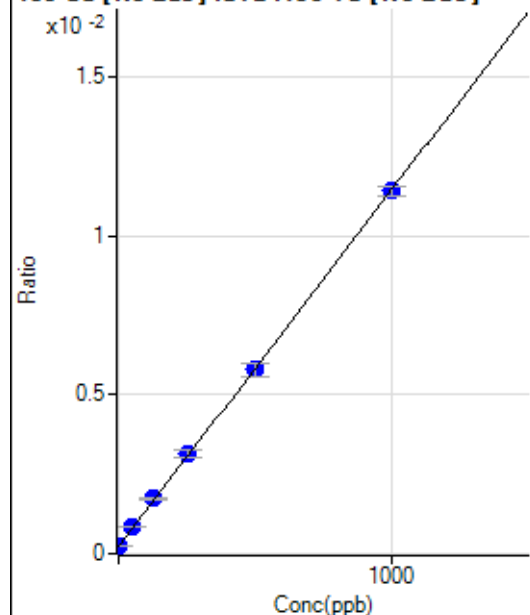
$$DL = 0.04162$$

$$BEC = 0.06955$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3744.97	0.0002	P	2.2
2	☐	1.000	0.360	3811.65	0.0002	P	1.5
3	☐	50.000	54.231	14029.11	0.0008	P	3.2
4	☐	125.000	135.559	29641.34	0.0017	P	2.9
5	☐	250.000	260.089	54416.90	0.0031	P	6.1
6	☐	500.000	496.697	101614.04	0.0058	P	7.1
7	☐	1000.000	997.599	196081.69	0.0114	P	2.8
8	☐			3395.99	0.0002	P	5.8

$$y = 1.1210\text{E-}005 * x + 2.2371\text{E-}004$$

$$R = 0.9999$$

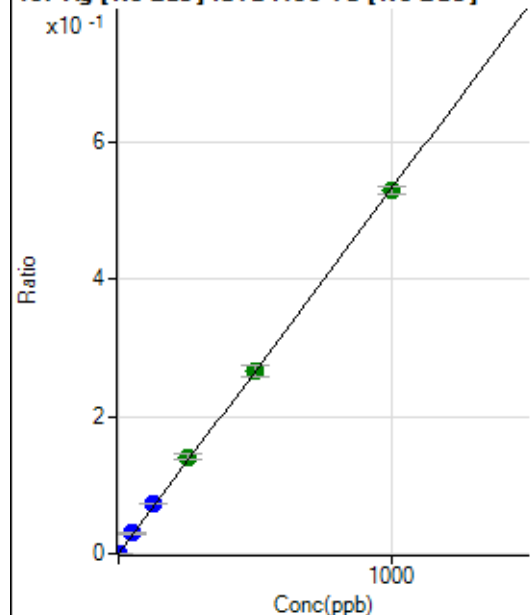
$$DL = 1.29$$

$$BEC = 19.96$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	5.5
2	☐	1.000	1.029	9253.02	0.0006	P	1.2
3	☐	50.000	55.362	497058.19	0.0295	P	3.7
4	☐	125.000	136.469	1235557.20	0.0727	P	2.2
5	☐	250.000	265.212	2447929.06	0.1412	A	5.8
6	☐	500.000	500.894	4681294.93	0.2667	A	5.8
7	☐	1000.000	994.048	9097552.30	0.5292	A	2.2
8	☐			1591.21	0.0001	P	6.4

$$y = 5.3240\text{E-}004 * x + 5.3152\text{E-}006$$

$$R = 0.9998$$

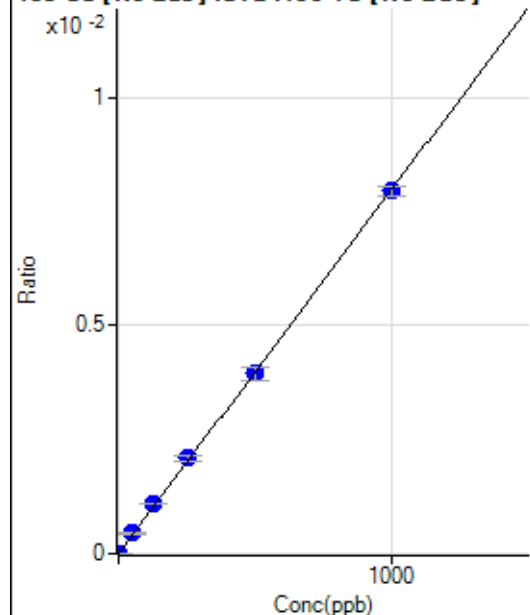
$$DL = 0.001637$$

$$BEC = 0.009983$$

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	8.89	0.0000	P	78.0
2	☐	1.000	1.065	151.11	0.0000	P	16.1
3	☐	50.000	55.585	7490.89	0.0004	P	2.1
4	☐	125.000	137.649	18688.83	0.0011	P	1.4
5	☐	250.000	263.051	36392.26	0.0021	P	6.3
6	☐	500.000	495.824	69418.34	0.0040	P	7.4
7	☐	1000.000	996.965	136762.90	0.0080	P	2.5
8	☐			66.67	0.0000	P	27.7

$$y = 7.9797\text{E-}006 * x + 5.3398\text{E-}007$$

$$R = 0.9998$$

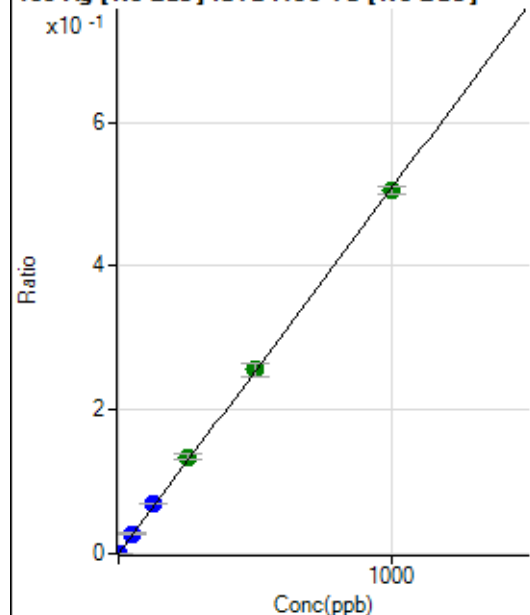
$$DL = 0.1565$$

$$BEC = 0.06692$$

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	60.00	0.0000	P	6.7
2	☐	1.000	1.035	8852.78	0.0005	P	3.4
3	☐	50.000	55.113	472087.45	0.0280	P	1.8
4	☐	125.000	136.171	1175864.11	0.0692	P	2.2
5	☐	250.000	264.940	2332187.34	0.1345	A	6.0
6	☐	500.000	502.774	4480204.86	0.2553	A	6.6
7	☐	1000.000	993.226	8670101.40	0.5044	A	2.0
8	☐			1537.88	0.0001	P	10.9

$$y = 5.0780\text{E-}004 * x + 3.5811\text{E-}006$$

$$R = 0.9998$$

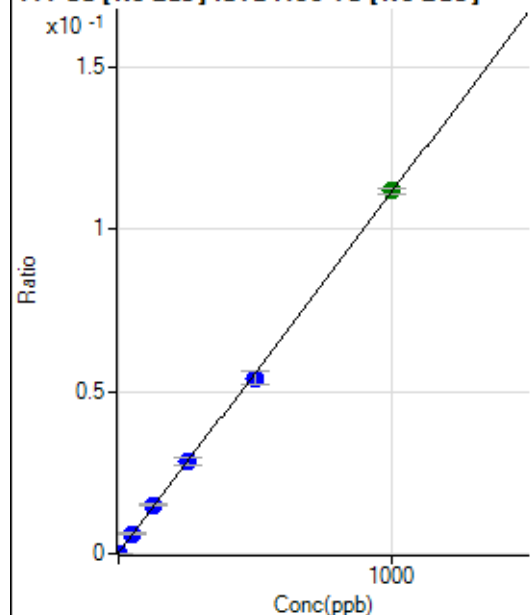
$$DL = 0.001423$$

$$BEC = 0.007052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2623.03	0.0002	P	2.4
2	☐	1.000	1.051	4575.87	0.0003	P	2.6
3	☐	50.000	54.103	103996.04	0.0062	P	4.2
4	☐	125.000	133.977	255781.48	0.0150	P	2.8
5	☐	250.000	254.956	493688.95	0.0285	P	6.6
6	☐	500.000	485.607	949399.30	0.0541	P	7.2
7	☐	1000.000	1004.630	1921641.86	0.1118	A	1.8
8	☐			2669.43	0.0002	P	5.0

$$y = 1.1111\text{E-}004 * x + 1.5668\text{E-}004$$

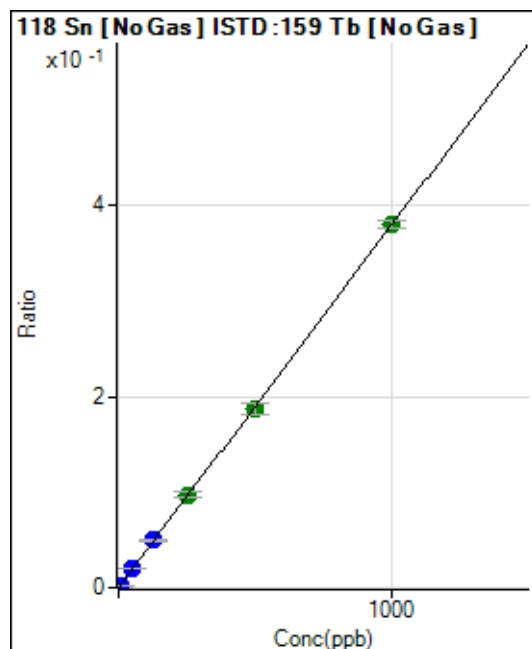
$$R = 0.9998$$

$$DL = 0.1007$$

$$BEC = 1.41$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1519.06	0.0001	P	13.2
2	☐	5.000	4.981	33101.39	0.0020	P	2.9
3	☐	50.000	51.940	333454.12	0.0198	P	3.3
4	☐	125.000	130.634	843352.30	0.0496	P	2.3
5	☐	250.000	256.045	1682751.94	0.0971	A	7.4
6	☐	500.000	494.176	3287816.38	0.1874	A	6.8
7	☐	1000.000	1000.600	6520159.00	0.3793	A	2.0
8	☐			7955.59	0.0005	P	5.0

$$y = 3.7896\text{E-}004 * x + 9.1030\text{E-}005$$

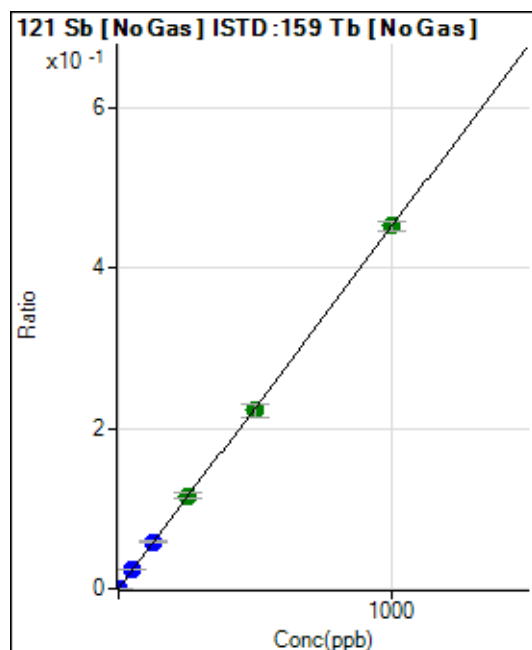
$$R = 0.9999$$

$$DL = 0.0952$$

$$BEC = 0.2402$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	6.5
2	☐	2.000	2.040	15530.68	0.0009	P	3.2
3	☐	50.000	51.404	391811.33	0.0232	P	2.3
4	☐	125.000	128.846	989962.80	0.0582	P	2.8
5	☐	250.000	257.446	2016458.76	0.1163	A	6.1
6	☐	500.000	491.287	3894611.12	0.2220	A	7.2
7	☐	1000.000	1001.944	7782130.09	0.4527	A	2.7
8	☐			6243.64	0.0004	P	5.0

$$y = 4.5183\text{E-}004 * x + 6.6307\text{E-}006$$

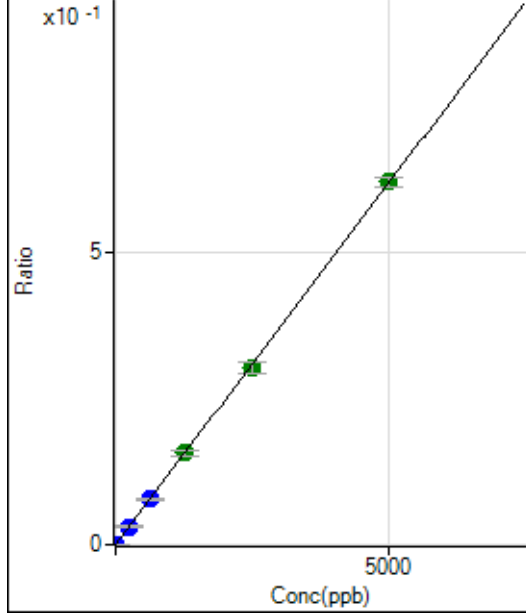
$$R = 0.9999$$

$$DL = 0.002851$$

$$BEC = 0.01468$$

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	66.67	0.0000	P	12.9
2	☐	10.000	9.660	20113.18	0.0012	P	1.4
3	☐	250.000	248.576	519840.96	0.0308	P	4.0
4	☐	625.000	625.457	1319060.03	0.0776	P	2.4
5	☐	1250.000	1269.089	2728490.69	0.1574	A	5.9
6	☐	2500.000	2452.820	5338508.57	0.3042	A	6.5
7	☐	5000.000	5018.832	10700330.88	0.6224	A	2.3
8	☐			4319.58	0.0003	P	5.6

$$y = 1.2402\text{E-}004 * x + 3.9838\text{E-}006$$

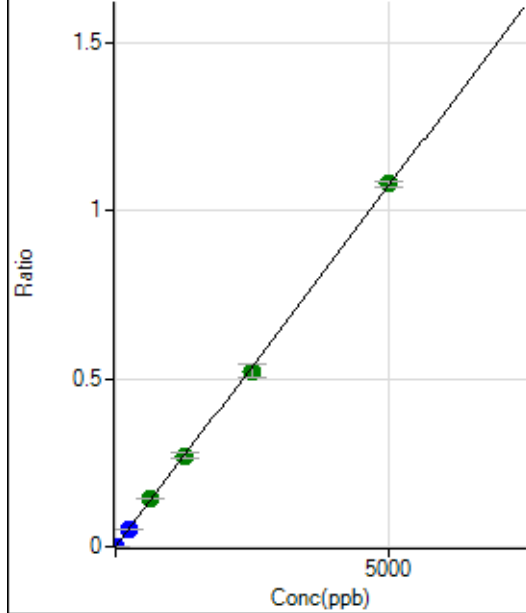
$$R = 0.9999$$

$$DL = 0.01245$$

$$BEC = 0.03212$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0000	P	7.4
2	☐	10.000	9.619	34710.04	0.0021	P	1.8
3	☐	250.000	249.731	905593.68	0.0537	P	2.2
4	☐	625.000	666.314	2435913.96	0.1433	A	2.1
5	☐	1250.000	1261.337	4700070.00	0.2712	A	6.3
6	☐	2500.000	2430.391	9166204.03	0.5225	A	7.4
7	☐	5000.000	5026.820	18577607.92	1.0807	A	1.6
8	☐			7403.11	0.0005	P	3.1

$$y = 2.1498\text{E-}004 * x + 6.5019\text{E-}006$$

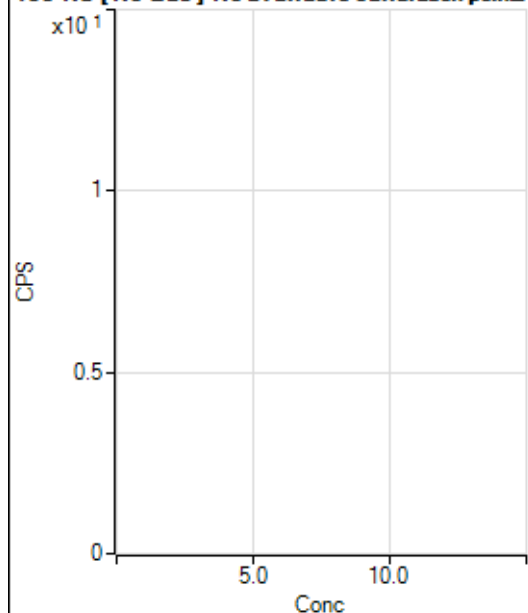
$$R = 0.9998$$

$$DL = 0.006703$$

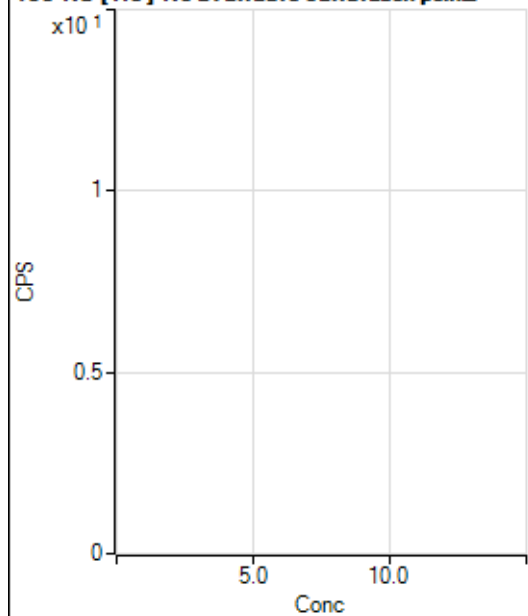
$$BEC = 0.03024$$

Weight: <None>

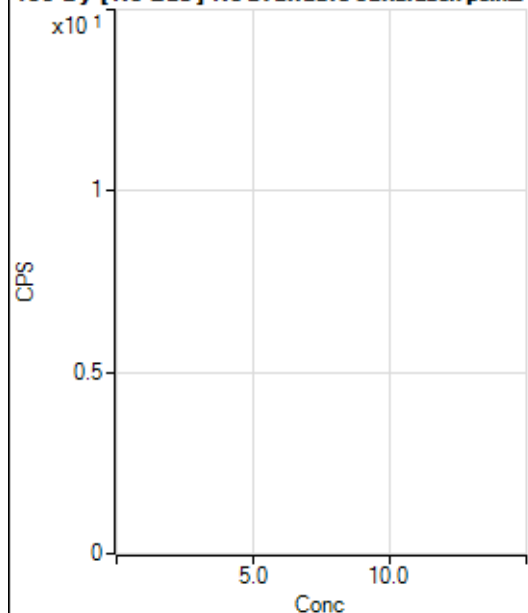
Min Conc: 0

150 Nd [No Gas] No available calibration points

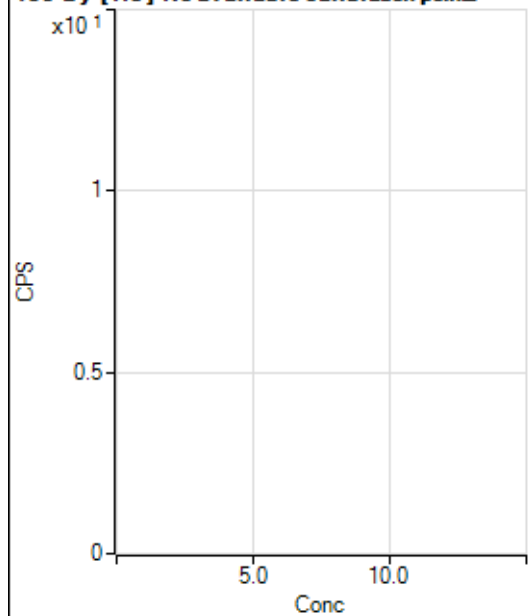
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			11.11		P	45.8
3	☐			50.00		P	24.0
4	☐			80.00		P	14.4
5	☐			165.56		P	11.6
6	☐			288.90		P	9.3
7	☐			618.91		P	7.7
8	☐			154.45		P	9.0

150 Nd [He] No available calibration points

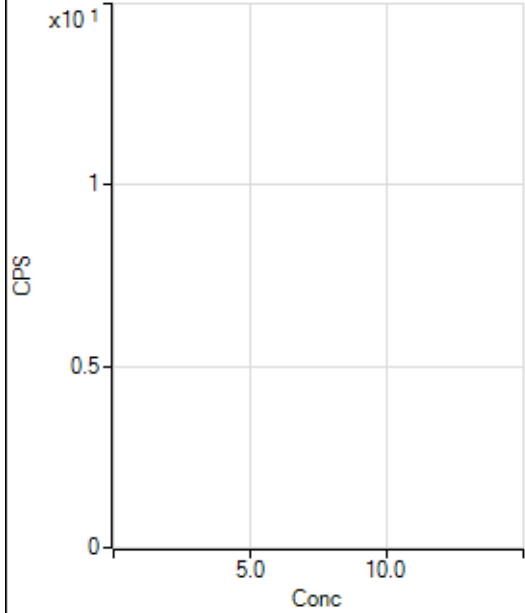
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			5.56		P	91.6
3	☐			10.00		P	0.0
4	☐			24.44		P	31.5
5	☐			35.56		P	42.3
6	☐			68.89		P	2.8
7	☐			127.78		P	18.9
8	☐			87.78		P	17.1

156 Dy [No Gas] No available calibration points

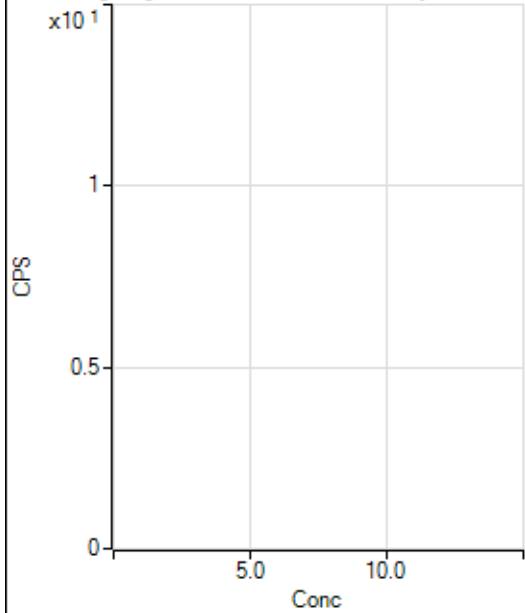
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	60.3
2	☐			25.56		P	30.1
3	☐			23.33		P	14.3
4	☐			55.55		P	30.2
5	☐			65.55		P	35.7
6	☐			98.89		P	15.9
7	☐			228.90		P	25.1
8	☐			327.78		P	6.8

156 Dy [He] No available calibration points

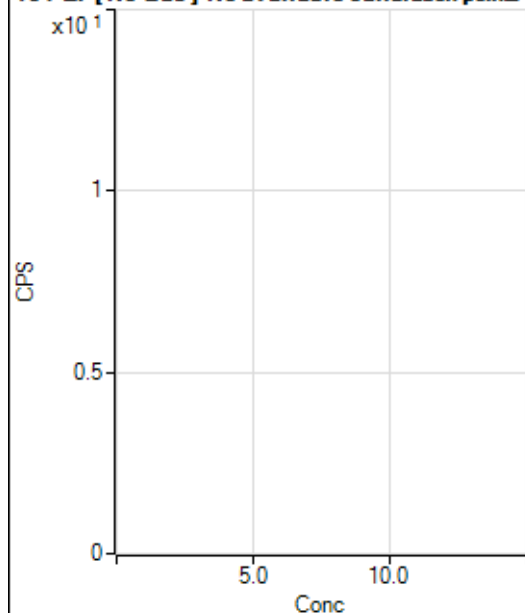
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			5.55		P	69.3
3	☐			41.11		P	32.8
4	☐			71.11		P	18.9
5	☐			131.11		P	16.9
6	☐			213.34		P	12.2
7	☐			504.46		P	5.6
8	☐			231.11		P	23.1

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

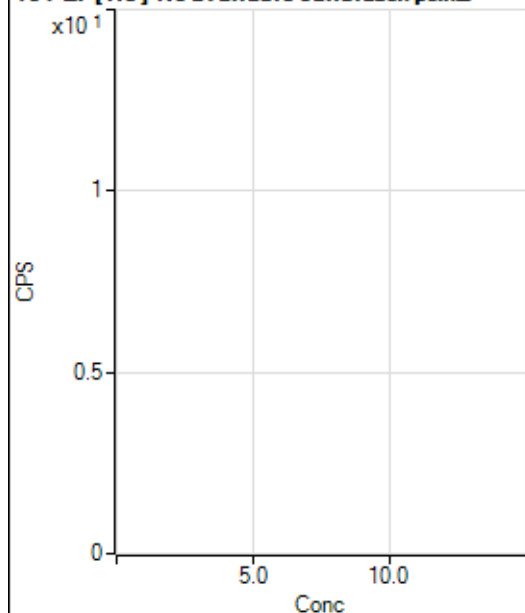
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	14.3
2	☐			67.78		P	10.2
3	☐			62.22		P	27.5
4	☐			74.44		P	29.1
5	☐			80.00		P	12.5
6	☐			106.67		P	25.0
7	☐			160.00		P	5.5
8	☐			324.45		P	7.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			632.24		P	8.7
2	☐			540.02		P	6.9
3	☐			595.58		P	12.0
4	☐			614.47		P	10.0
5	☐			568.91		P	4.9
6	☐			567.79		P	1.8
7	☐			597.80		P	12.0
8	☐			681.14		P	8.4

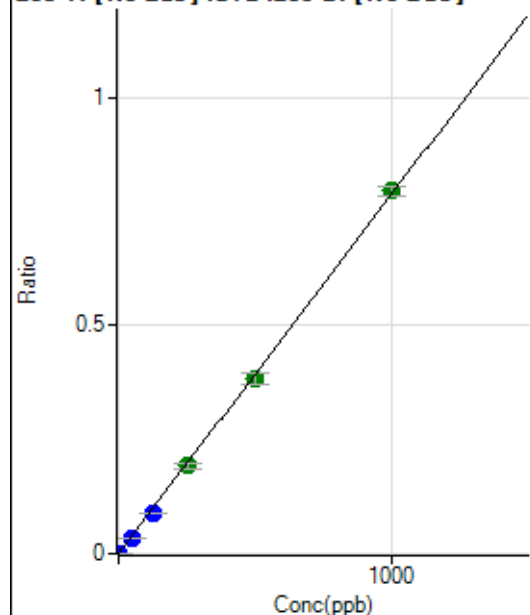
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			107.78		P	17.0
2	☐			135.56		P	7.5
3	☐			120.00		P	12.1
4	☐			123.33		P	15.0
5	☐			147.78		P	10.7
6	☐			156.67		P	9.3
7	☐			221.11		P	0.9
8	☐			333.34		P	5.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	19.3
2	☐			84.45		P	27.7
3	☐			56.67		P	45.9
4	☐			81.11		P	26.4
5	☐			84.44		P	14.9
6	☐			77.78		P	27.9
7	☐			122.22		P	6.9
8	☐			230.00		P	7.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	117.78	0.0000	P	21.8
2	☐	1.000	0.873	6954.06	0.0007	P	2.6
3	☐	50.000	44.272	356097.63	0.0348	P	3.5
4	☐	125.000	113.447	913924.12	0.0893	P	1.4
5	☐	250.000	244.833	2025267.23	0.1926	A	5.6
6	☐	500.000	486.579	4023246.54	0.3828	A	6.7
7	☐	1000.000	1009.733	8076797.38	0.7944	A	2.4
8	☐			1147.84	0.0001	P	8.5

$$y = 7.8675E-004 * x + 1.1712E-005$$

$$R = 0.9998$$

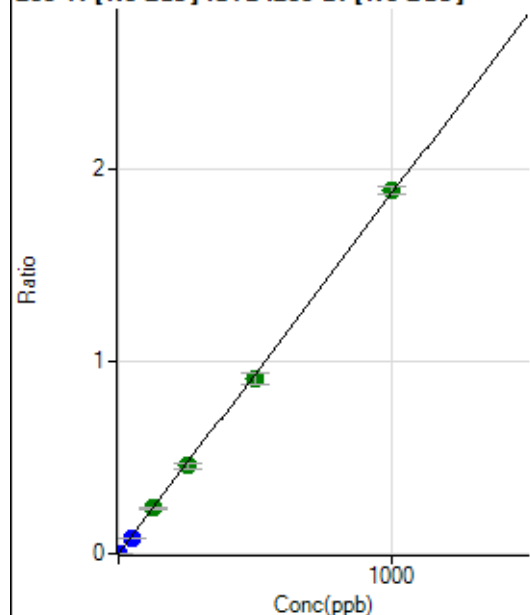
$$DL = 0.009715$$

$$BEC = 0.01489$$

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	262.23	0.0000	P	5.3
2	☐	1.000	0.863	16322.09	0.0016	P	1.2
3	☐	50.000	44.297	846398.55	0.0828	P	2.7
4	☐	125.000	125.798	2407010.64	0.2351	A	1.8
5	☐	250.000	244.464	4802110.55	0.4569	A	6.3
6	☐	500.000	486.160	9549403.05	0.9085	A	6.3
7	☐	1000.000	1008.489	19160937.22	1.8846	A	2.1
8	☐			2829.22	0.0003	P	8.8

$$y = 0.0019 * x + 2.6147E-005$$

$$R = 0.9998$$

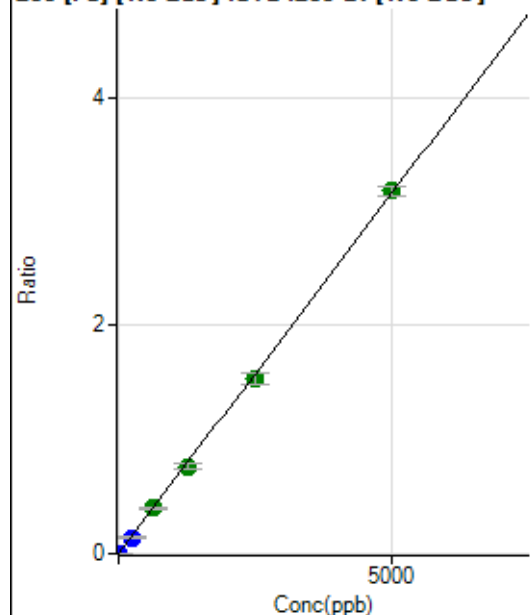
$$DL = 0.002245$$

$$BEC = 0.01399$$

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	600.02	0.0001	P	3.2
2	☐	1.000	0.872	6073.64	0.0006	P	0.5
3	☐	250.000	223.796	1443990.29	0.1413	P	4.7
4	☐	625.000	631.246	4079990.70	0.3985	A	1.6
5	☐	1250.000	1211.390	8038302.94	0.7647	A	6.2
6	☐	2500.000	2441.467	16196285.87	1.5412	A	6.7
7	☐	5000.000	5039.448	32341531.74	3.1810	A	2.3
8	☐			8655.05	0.0010	P	5.6

$$y = 6.3122\text{E-}004 * x + 5.9796\text{E-}005$$

$$R = 0.9999$$

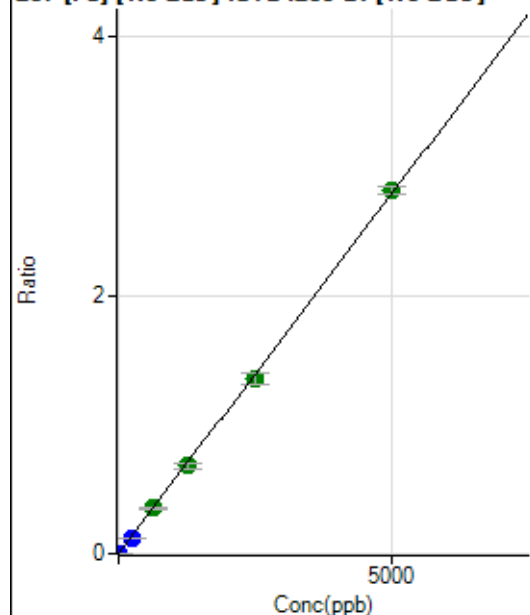
$$DL = 0.009097$$

$$BEC = 0.09473$$

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	515.57	0.0001	P	8.6
2	☐	1.000	0.874	5355.56	0.0005	P	1.9
3	☐	250.000	222.383	1266110.07	0.1239	P	3.8
4	☐	625.000	634.977	3620590.85	0.3537	A	2.4
5	☐	1250.000	1217.672	7127692.60	0.6781	A	6.5
6	☐	2500.000	2428.523	14210757.57	1.3524	A	7.2
7	☐	5000.000	5043.954	28558944.58	2.8089	A	2.0
8	☐			7334.27	0.0008	P	5.2

$$y = 5.5688\text{E-}004 * x + 5.1379\text{E-}005$$

$$R = 0.9998$$

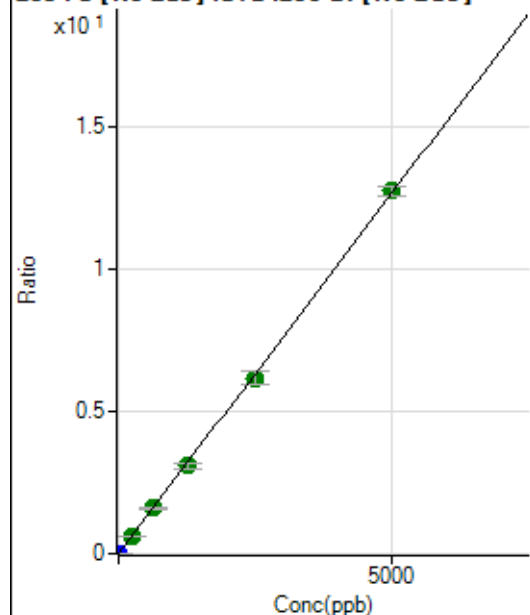
$$DL = 0.02393$$

$$BEC = 0.09226$$

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	2453.44	0.0002	P	2.9
2	☐	1.000	0.873	24435.52	0.0025	P	1.7
3	☐	250.000	234.927	6085365.76	0.5953	A	2.5
4	☐	625.000	629.736	16333949.48	1.5954	A	1.7
5	☐	1250.000	1216.820	32399705.98	3.0826	A	6.4
6	☐	2500.000	2437.155	64871309.31	6.1738	A	7.2
7	☐	5000.000	5039.879	129797641.4	12.7667	A	2.4
8	☐			33899.02	0.0038	P	5.0

$$y = 0.0025 * x + 2.4468E-004$$

$$R = 0.9999$$

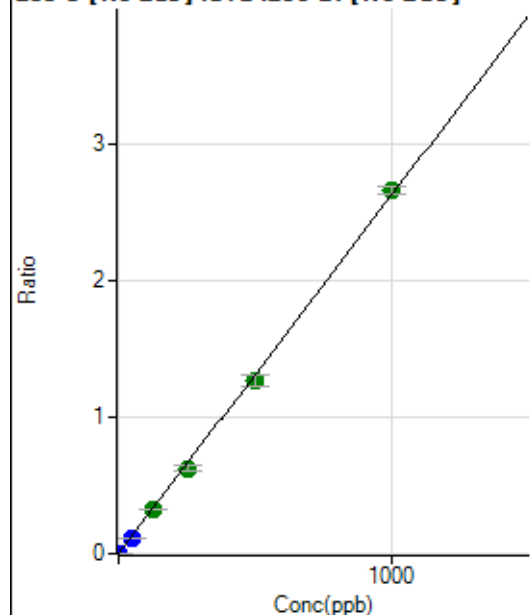
$$DL = 0.008364$$

$$BEC = 0.09659$$

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	22.22	0.0000	P	25.8
2	☐	1.000	0.800	20975.49	0.0021	P	1.8
3	☐	50.000	41.832	1124524.81	0.1101	P	5.0
4	☐	125.000	121.728	3279119.36	0.3203	A	1.5
5	☐	250.000	236.658	6544594.28	0.6227	A	6.4
6	☐	500.000	483.840	13375664.66	1.2730	A	7.3
7	☐	1000.000	1012.233	27076874.04	2.6632	A	2.3
8	☐			1824.59	0.0002	P	17.8

$$y = 0.0026 * x + 2.2285E-006$$

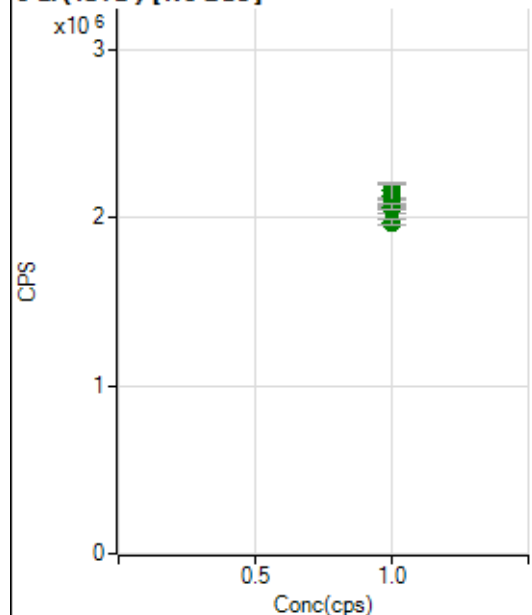
$$R = 0.9997$$

$$DL = 0.0006553$$

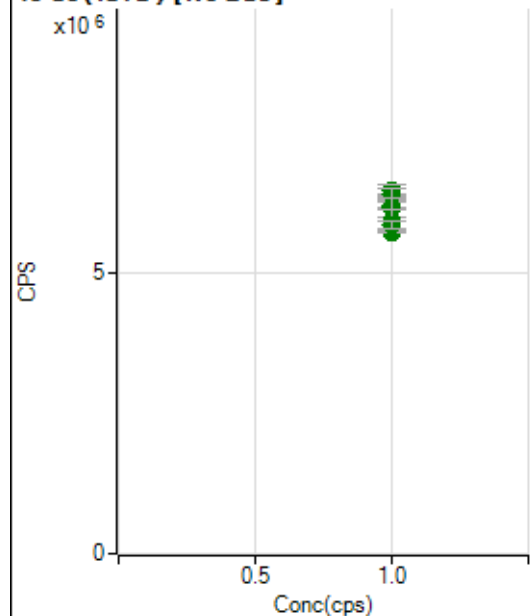
$$BEC = 0.000847$$

Weight: <None>

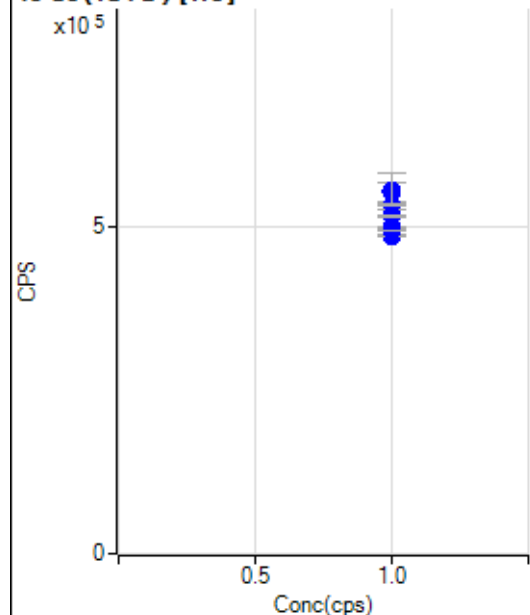
Min Conc: 0

6 Li (ISTD) [No Gas]

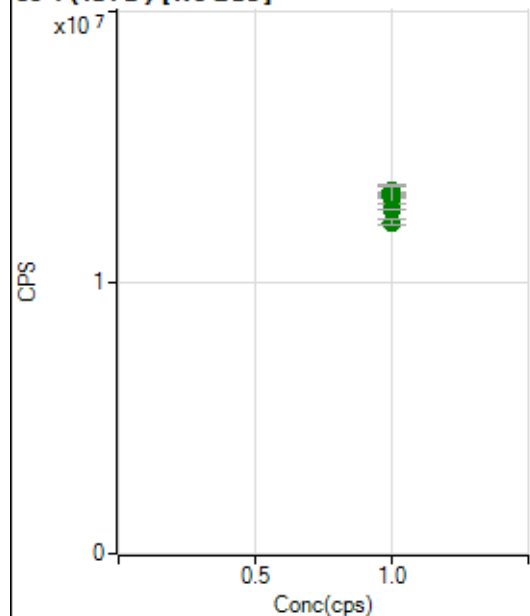
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2050113.16		A	2.8
2	☐	1.000		2058166.48		A	0.9
3	☐	1.000		2083562.26		A	2.7
4	☐	1.000		2083912.28		A	0.1
5	☐	1.000		2160049.50		A	4.3
6	☐	1.000		2131378.84		A	5.9
7	☐	1.000		2064848.49		A	1.3
8	☐	1.000		1971925.94		A	2.0

45 Sc (ISTD) [No Gas]

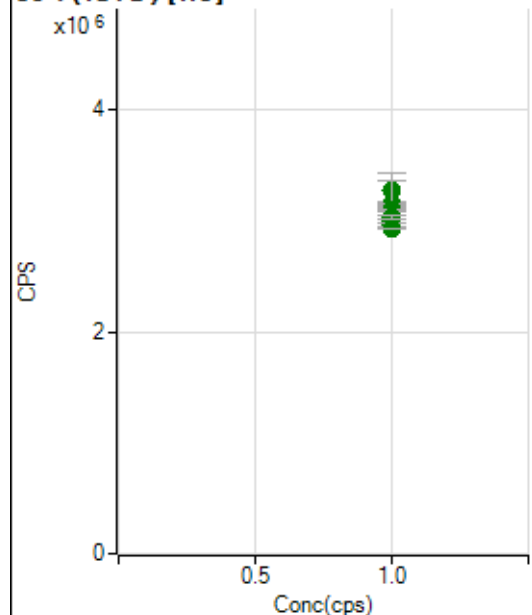
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6482969.83		A	3.9
2	☐	1.000		6409526.99		A	0.2
3	☐	1.000		6419514.28		A	3.5
4	☐	1.000		6220870.53		A	1.7
5	☐	1.000		6192179.35		A	5.8
6	☐	1.000		5948676.65		A	6.3
7	☐	1.000		5754587.34		A	1.0
8	☐	1.000		5878144.22		A	1.9

45 Sc (ISTD) [He]

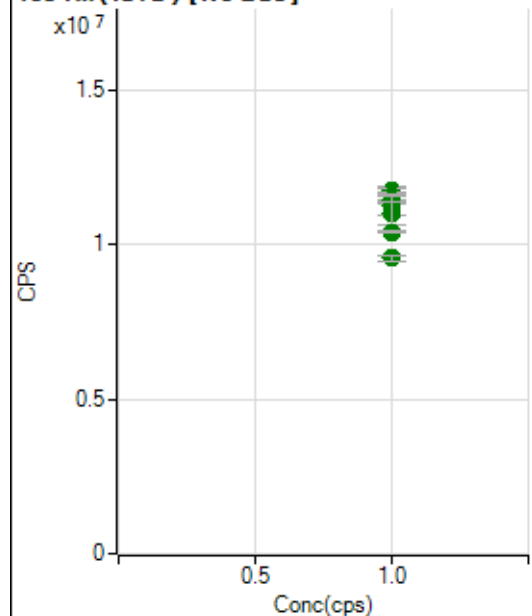
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		552972.39		P	5.3
2	☐	1.000		532398.19		P	0.6
3	☐	1.000		553708.92		P	10.0
4	☐	1.000		515460.02		P	0.9
5	☐	1.000		497639.49		P	0.2
6	☐	1.000		484761.31		P	0.6
7	☐	1.000		494257.64		P	0.3
8	☐	1.000		493750.51		P	0.2

89 Y (ISTD) [No Gas]

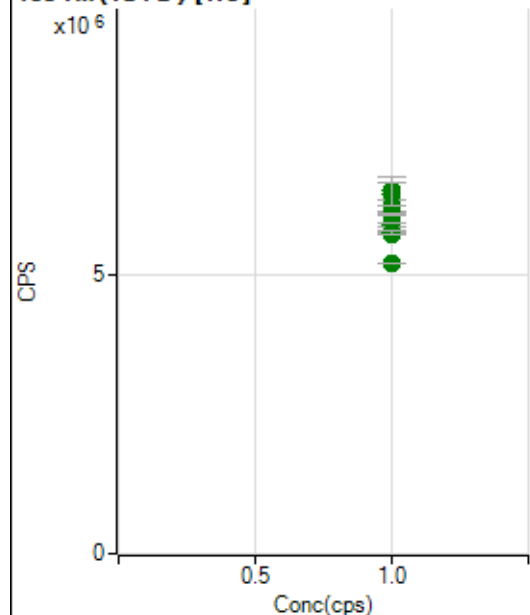
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13365542.16		A	3.9
2	☐	1.000		13267388.00		A	0.7
3	☐	1.000		13350702.16		A	2.3
4	☐	1.000		13175379.39		A	1.4
5	☐	1.000		13265225.22		A	5.2
6	☐	1.000		13109068.14		A	6.1
7	☐	1.000		12672647.31		A	0.3
8	☐	1.000		12220000.79		A	1.4

89 Y (ISTD) [He]

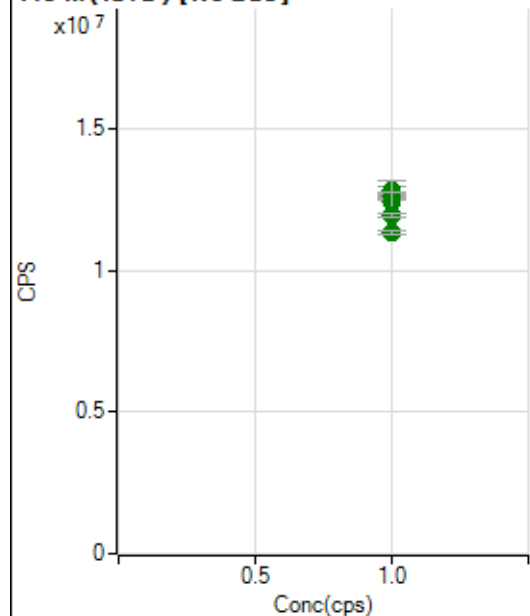
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3272083.04		A	5.6
2	☐	1.000		3153399.02		A	0.3
3	☐	1.000		3273925.16		A	9.6
4	☐	1.000		3097700.55		A	0.2
5	☐	1.000		3006931.00		A	0.9
6	☐	1.000		2966572.73		A	0.7
7	☐	1.000		3041083.74		A	1.0
8	☐	1.000		2930626.76		A	0.4

103 Rh (ISTD) [No Gas]

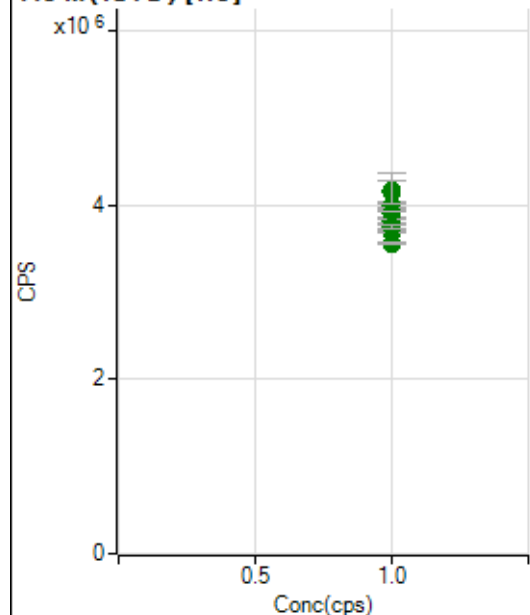
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11742458.99		A	2.9
2	☐	1.000		11713363.44		A	1.8
3	☐	1.000		11558990.94		A	2.2
4	☐	1.000		11456574.97		A	1.9
5	☐	1.000		11295932.75		A	5.6
6	☐	1.000		11018686.64		A	6.5
7	☐	1.000		10417846.58		A	0.4
8	☐	1.000		9574551.94		A	2.0

103 Rh (ISTD) [He]

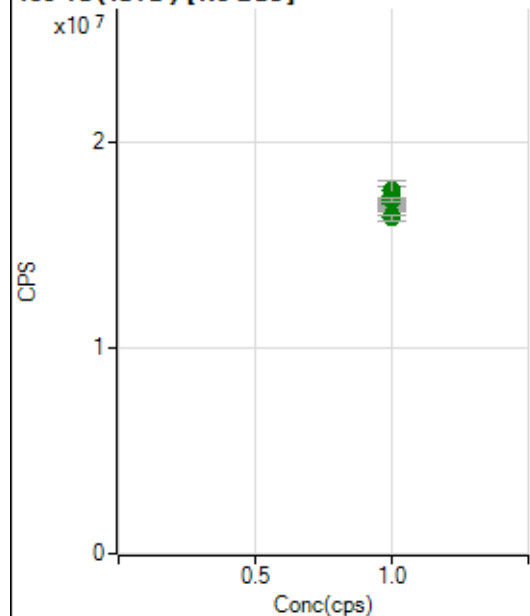
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6519142.89		A	5.1
2	☐	1.000		6255546.71		A	0.5
3	☐	1.000		6452431.01		A	9.5
4	☐	1.000		6087530.05		A	0.6
5	☐	1.000		5912641.51		A	1.1
6	☐	1.000		5743770.96		A	0.6
7	☐	1.000		5769456.79		A	0.7
8	☐	1.000		5227398.22		A	0.1

115 In (ISTD) [No Gas]

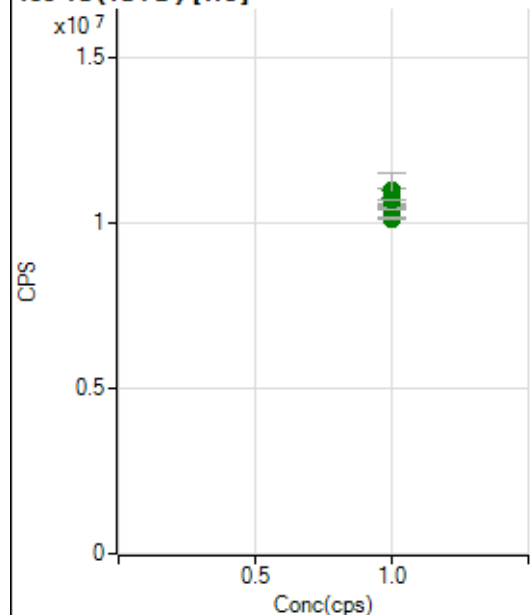
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12751741.02		A	3.1
2	☐	1.000		12673524.75		A	0.8
3	☐	1.000		12578673.51		A	0.4
4	☐	1.000		12589256.24		A	1.5
5	☐	1.000		12792533.26		A	5.4
6	☐	1.000		12386411.72		A	6.0
7	☐	1.000		11913252.74		A	1.0
8	☐	1.000		11343074.87		A	1.3

115 In (ISTD) [He]

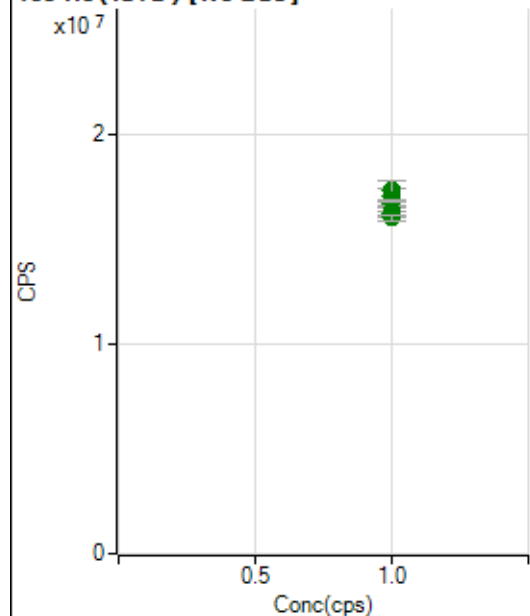
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4164657.65		A	5.6
2	☐	1.000		4000964.02		A	0.8
3	☐	1.000		4154949.76		A	10.1
4	☐	1.000		3896382.63		A	1.6
5	☐	1.000		3814211.08		A	1.4
6	☐	1.000		3692269.71		A	0.6
7	☐	1.000		3754811.74		A	1.1
8	☐	1.000		3564540.66		A	0.6

159 Tb (ISTD) [No Gas]

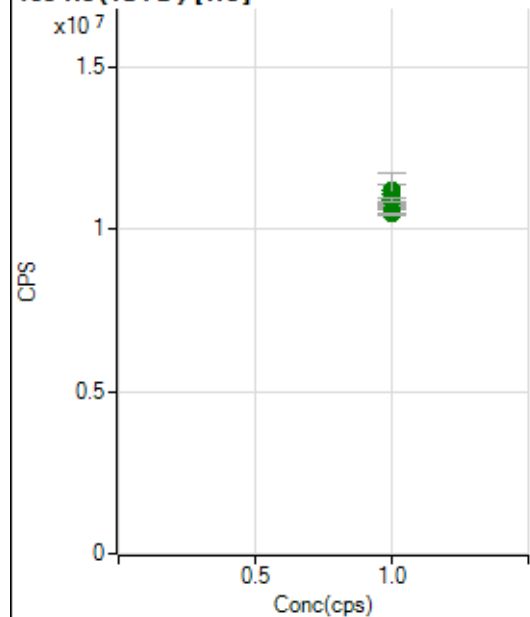
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16736490.86		A	3.3
2	☐	1.000		16734068.50		A	1.3
3	☐	1.000		16870983.91		A	2.4
4	☐	1.000		17009608.36		A	2.1
5	☐	1.000		17372292.38		A	5.4
6	☐	1.000		17593635.71		A	5.8
7	☐	1.000		17192270.99		A	1.0
8	☐	1.000		16276648.23		A	1.8

159 Tb (ISTD) [He]

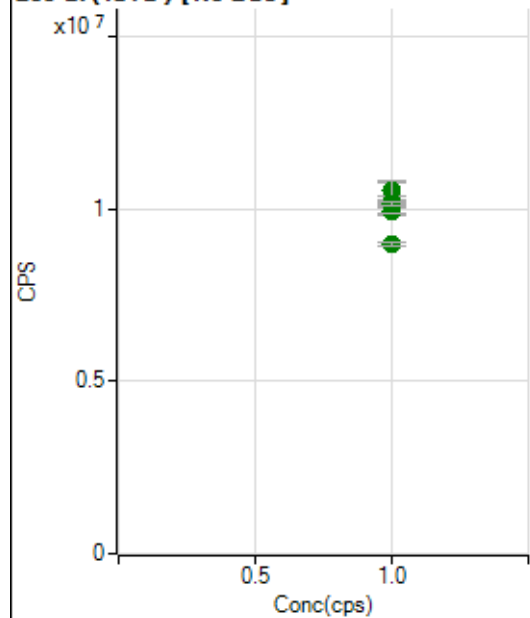
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10758713.93		A	5.3
2	☐	1.000		10423494.36		A	0.5
3	☐	1.000		10966850.67		A	10.2
4	☐	1.000		10518430.82		A	1.0
5	☐	1.000		10551353.18		A	0.2
6	☐	1.000		10440124.36		A	0.8
7	☐	1.000		10679725.47		A	0.1
8	☐	1.000		10140587.56		A	0.7

165 Ho (ISTD) [No Gas]

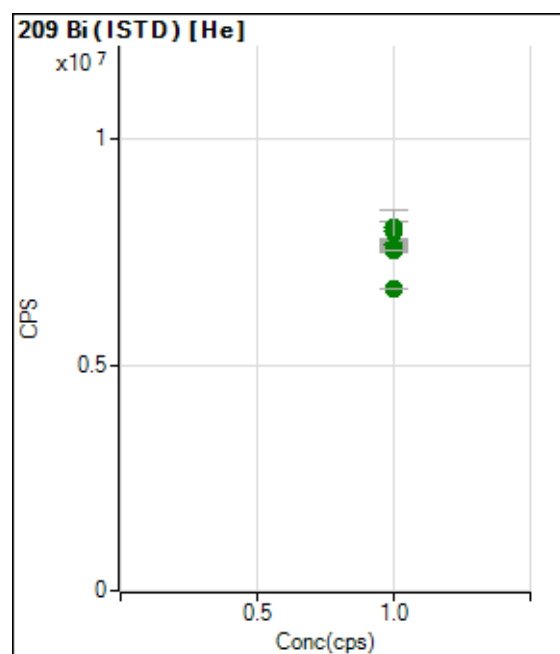
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16337117.81		A	3.3
2	☐	1.000		16185230.17		A	1.2
3	☐	1.000		16500741.83		A	0.4
4	☐	1.000		16724045.72		A	1.8
5	☐	1.000		17026410.44		A	5.1
6	☐	1.000		17295262.24		A	5.7
7	☐	1.000		16856946.69		A	0.6
8	☐	1.000		16012424.07		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11100950.25		A	5.5
2	☐	1.000		10645312.97		A	0.6
3	☐	1.000		11185723.51		A	9.6
4	☐	1.000		10808466.37		A	0.9
5	☐	1.000		10743537.90		A	0.7
6	☐	1.000		10752752.06		A	0.5
7	☐	1.000		10919947.06		A	0.9
8	☐	1.000		10483239.08		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10034804.02		A	4.0
2	☐	1.000		9954878.95		A	1.4
3	☐	1.000		10226524.08		A	2.8
4	☐	1.000		10239205.75		A	1.0
5	☐	1.000		10532120.61		A	4.8
6	☐	1.000		10533750.75		A	5.2
7	☐	1.000		10168687.55		A	1.1
8	☐	1.000		8972774.45		A	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7988027.10		A	5.2
2	☐	1.000		7666252.60		A	1.0
3	☐	1.000		8040306.75		A	9.5
4	☐	1.000		7679884.54		A	1.5
5	☐	1.000		7592370.09		A	1.3
6	☐	1.000		7530232.53		A	1.0
7	☐	1.000		7533721.97		A	0.3
8	☐	1.000		6689947.96		A	0.2